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## Appendix 4. Assay Certificates

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00743

AGAT WORK ORDER: 19B506408

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Aug 30, 2019

PAGES (INCLUDING COVER): 18

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

# Certificate of Analysis

AGAT WORK ORDER: 19B506408

PROJECT: AGAT00743

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Aug 15, 2019

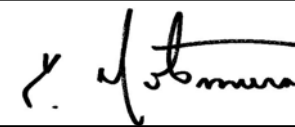
DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D62119 (447628)		1.00
D62120 (447629)		1.16
D62121 (447630)		2.47
D62122 (447631)		2.15
D62123 (447632)		0.90
D62124 (447633)		2.55
D62125 (447634)		3.02
D62126 (447635)		0.09
D62127 (447636)		3.28
D62128 (447637)		2.86
D62129 (447638)		0.73
D62130 (447639)		2.55
D62131 (447640)		3.01
D62132 (447641)		0.64
D62133 (447642)		2.58
D62134 (447643)		1.10
D62135 (447644)		1.24
D62136 (447645)		3.47
D62137 (447646)		3.07
D62138 (447647)		3.07
D62139 (447648)		3.06
D62140 (447649)		3.14
D62141 (447650)		2.99
D62142 (447651)		3.01
D62143 (447652)		3.20
D62144 (447653)		3.18
D62145 (447654)		3.09
D62146 (447655)		0.09
D62147 (447656)		3.28
D62148 (447657)		2.14
D62149 (447658)		1.57

Certified By:





# Certificate of Analysis

AGAT WORK ORDER: 19B506408

PROJECT: AGAT00743

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Aug 30, 2019

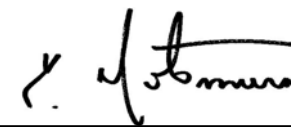
SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D62150 (447659)		1.94
D62151 (447660)		0.73
D62152 (447661)		0.63

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:





## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019	DATE RECEIVED: Aug 16, 2019							DATE REPORTED: Aug 30, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D62119 (447628)	<0.5	6.52	3	399	4.6	<1	4.42	<0.5	31	25.1	177	34.1	3.55	22	
D62120 (447629)	<0.5	8.13	<1	821	1.8	<1	1.59	<0.5	14	3.3	19.5	4.4	1.81	22	
D62121 (447630)	<0.5	7.69	<1	510	0.9	<1	1.73	<0.5	8	3.3	21.5	3.7	1.43	20	
D62122 (447631)	<0.5	7.75	2	525	1.5	<1	2.22	<0.5	40	4.9	27.3	7.9	1.84	23	
D62123 (447632)	<0.5	3.64	13	873	3.5	<1	6.46	<0.5	74	33.5	181	98.3	4.78	18	
D62124 (447633)	<0.5	7.87	<1	828	1.7	<1	1.39	<0.5	13	2.6	29.1	4.3	1.38	22	
D62125 (447634)	<0.5	7.91	<1	921	1.2	<1	1.25	<0.5	4	2.0	26.9	3.2	1.21	20	
D62126 (447635)	<0.5	7.26	<1	184	<0.5	<1	6.26	<0.5	17	40.1	184	104	7.60	23	
D62127 (447636)	<0.5	7.71	1	949	1.0	<1	1.28	<0.5	6	1.8	17.7	3.6	1.12	21	
D62128 (447637)	<0.5	7.83	2	431	1.2	<1	1.69	<0.5	43	2.7	27.7	4.3	1.39	21	
D62129 (447638)	<0.5	7.71	<1	470	1.0	<1	1.47	<0.5	9	2.0	19.1	3.0	1.34	21	
D62130 (447639)	<0.5	8.30	<1	246	1.1	<1	1.82	<0.5	26	2.9	27.2	2.6	1.44	19	
D62131 (447640)	<0.5	7.87	2	471	0.9	<1	1.64	<0.5	51	4.0	19.4	8.8	1.74	21	
D62132 (447641)	<0.5	0.07	<1	14	<0.5	<1	31.3	<0.5	2	1.0	5.6	<0.5	0.11	7	
D62133 (447642)	<0.5	7.99	<1	971	0.8	<1	1.48	<0.5	15	2.4	23.7	4.9	1.16	20	
D62134 (447643)	<0.5	8.05	1	302	0.9	<1	1.72	<0.5	47	3.0	18.9	1.2	1.59	21	
D62135 (447644)	<0.5	7.80	<1	670	0.9	<1	1.44	<0.5	20	2.2	16.1	0.8	1.25	21	
D62136 (447645)	<0.5	7.90	<1	570	1.0	<1	1.68	<0.5	18	2.6	22.6	0.7	1.33	21	
D62137 (447646)	<0.5	7.78	<1	763	1.1	<1	1.53	<0.5	16	2.5	24.6	7.6	1.31	21	
D62138 (447647)	<0.5	7.77	<1	772	1.1	<1	1.54	<0.5	17	2.2	18.5	8.4	1.18	20	
D62139 (447648)	<0.5	7.77	1	542	1.1	<1	1.62	<0.5	14	1.8	23.6	1.7	1.24	20	
D62140 (447649)	<0.5	7.75	<1	324	1.0	<1	1.70	<0.5	18	2.1	23.2	4.0	1.24	20	
D62141 (447650)	<0.5	7.77	<1	565	0.9	<1	1.57	<0.5	29	1.9	16.0	4.0	1.25	19	
D62142 (447651)	<0.5	7.42	<1	876	0.9	<1	1.36	<0.5	17	1.8	22.8	1.8	1.02	20	
D62143 (447652)	<0.5	7.88	2	660	1.1	<1	1.59	<0.5	15	2.9	21.1	2.6	1.43	21	
D62144 (447653)	<0.5	7.87	1	777	0.8	<1	1.61	<0.5	14	2.7	23.4	2.1	1.51	20	
D62145 (447654)	<0.5	7.56	<1	561	0.8	<1	1.56	<0.5	14	2.5	15.7	3.0	1.46	20	
D62146 (447655)	<0.5	7.18	<1	142	<0.5	<1	6.78	<0.5	7	45.4	188	155	8.03	23	
D62147 (447656)	<0.5	8.00	<1	519	0.9	<1	1.72	<0.5	17	3.2	19.8	8.8	1.30	20	
D62148 (447657)	<0.5	7.80	1	418	1.0	<1	1.74	<0.5	12	3.1	19.9	1.6	1.39	20	
D62149 (447658)	<0.5	8.06	<1	453	1.1	<1	1.74	<0.5	23	3.3	18.4	8.8	1.52	22	
D62150 (447659)	<0.5	3.16	<1	1290	6.5	<1	7.36	<0.5	116	51.4	541	194	8.46	18	

Certified By: \_\_\_\_\_



## Certificate of Analysis

AGAT WORK ORDER: 19B506408

PROJECT: AGAT00743

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 CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019		DATE RECEIVED: Aug 16, 2019					DATE REPORTED: Aug 30, 2019					SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5
D62151 (447660)	<0.5	7.70	2	486	2.5	<1	2.44	<0.5	33	4.3	17.7	8.3	1.58	20	
D62152 (447661)	<0.5	0.07	<1	13	<0.5	<1	33.1	<0.5	2	1.2	5.0	<0.5	0.10	7	

Certified By:



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CLIENT NAME: GOLDCORP BORDEN LIMITED

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D62119 (447628)	<1	2.08	16	86	2.61	600	1.0	3.59	144	612	<20	<50	0.06	<1
D62120 (447629)	<1	1.74	8	22	0.41	217	0.7	4.24	3.3	245	<20	<50	0.02	<1
D62121 (447630)	<1	1.53	4	17	0.36	206	0.9	3.64	2.9	203	<20	<50	0.01	<1
D62122 (447631)	<1	1.66	19	19	0.61	322	0.9	3.94	8.5	277	<20	<50	0.03	<1
D62123 (447632)	<1	3.07	37	214	3.53	984	1.6	1.30	150	1680	<20	<50	0.26	<1
D62124 (447633)	<1	2.19	6	14	0.42	186	1.3	4.15	5.1	338	<20	<50	0.02	<1
D62125 (447634)	<1	2.61	2	13	0.29	138	1.6	3.72	2.8	103	<20	<50	0.01	1
D62126 (447635)	<1	0.42	11	10	4.20	1290	<0.5	2.26	108	792	<20	<50	0.08	<1
D62127 (447636)	<1	3.06	4	9	0.25	140	1.2	3.20	0.5	126	<20	<50	0.01	1
D62128 (447637)	<1	1.53	22	18	0.33	191	1.1	3.96	2.5	249	<20	<50	<0.01	<1
D62129 (447638)	<1	1.89	5	8	0.23	147	0.9	3.68	1.5	121	<20	<50	<0.01	<1
D62130 (447639)	<1	1.27	13	26	0.40	210	1.3	4.20	3.2	224	<20	<50	<0.01	<1
D62131 (447640)	<1	1.69	25	29	0.41	244	0.7	3.74	3.3	222	<20	<50	0.02	<1
D62132 (447641)	1	0.01	<2	1	2.91	91	<0.5	0.04	<0.5	81	<20	<50	<0.01	1
D62133 (447642)	<1	2.54	7	14	0.23	142	1.4	3.57	0.8	183	<20	<50	0.01	<1
D62134 (447643)	<1	1.24	23	22	0.35	223	0.7	4.01	2.5	230	<20	<50	<0.01	<1
D62135 (447644)	<1	2.07	10	15	0.31	186	1.0	3.70	1.3	207	<20	<50	<0.01	<1
D62136 (447645)	<1	1.59	9	18	0.29	199	1.2	3.93	2.2	226	<20	<50	<0.01	<1
D62137 (447646)	<1	2.26	8	9	0.27	192	1.1	3.73	2.1	172	<20	<50	0.01	<1
D62138 (447647)	<1	2.30	8	9	0.27	181	1.0	3.78	1.7	170	<20	<50	0.02	<1
D62139 (447648)	<1	1.81	7	9	0.25	195	1.4	3.76	1.8	159	<20	<50	<0.01	1
D62140 (447649)	<1	1.27	9	10	0.26	206	1.3	3.95	0.8	225	<20	<50	0.01	2
D62141 (447650)	<1	1.68	16	7	0.21	181	1.0	3.85	0.8	231	<20	<50	0.02	<1
D62142 (447651)	<1	2.22	9	5	0.22	153	0.8	3.59	1.3	146	<20	<50	0.01	2
D62143 (447652)	<1	2.35	7	11	0.38	190	1.1	3.73	4.3	163	<20	<50	0.02	<1
D62144 (447653)	<1	2.14	7	14	0.36	198	1.0	3.69	1.7	221	<20	<50	<0.01	<1
D62145 (447654)	<1	1.50	7	16	0.29	172	1.0	3.60	1.2	184	<20	<50	0.01	1
D62146 (447655)	<1	0.20	5	12	4.26	1370	<0.5	2.27	94.2	380	<20	<50	0.14	<1
D62147 (447656)	<1	1.57	8	14	0.29	182	1.2	4.01	1.8	218	<20	<50	0.03	<1
D62148 (447657)	<1	1.29	6	14	0.40	215	0.9	4.00	3.4	227	<20	<50	0.01	2
D62149 (447658)	<1	1.20	11	17	0.46	224	1.4	4.29	4.3	479	<20	<50	0.02	<1
D62150 (447659)	<1	2.95	56	80	7.59	1450	<0.5	1.09	242	1480	<20	<50	0.17	<1

Certified By:



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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D62151 (447660)		<1	1.93	17	23	1.12	430	0.9	4.09	9.5	182	<20	<50	<0.01	2
D62152 (447661)		2	0.02	<2	1	2.37	51	<0.5	0.04	<0.5	81	<20	<50	<0.01	2

Certified By:



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CLIENT NAME: GOLDCORP BORDEN LIMITED

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019	DATE RECEIVED: Aug 16, 2019					DATE REPORTED: Aug 30, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D62119 (447628)	31	<10	<5	614	<10	<10	<5	0.40	<5	<50	165	<1	9	61.1	
D62120 (447629)	4	<10	<5	464	<10	<10	<5	0.16	<5	<50	27.7	<1	3	48.3	
D62121 (447630)	3	<10	<5	469	<10	<10	<5	0.13	<5	<50	19.7	<1	3	44.6	
D62122 (447631)	5	<10	<5	433	<10	<10	<5	0.17	<5	<50	40.1	<1	6	41.7	
D62123 (447632)	35	<10	<5	577	<10	<10	<5	0.53	<5	<50	232	<1	21	30.0	
D62124 (447633)	3	<10	<5	351	<10	<10	<5	0.08	<5	<50	22.1	<1	7	26.5	
D62125 (447634)	2	<10	<5	403	<10	<10	<5	0.07	<5	<50	13.3	<1	2	24.0	
D62126 (447635)	33	<10	<5	246	<10	<10	<5	0.85	<5	<50	240	<1	21	87.7	
D62127 (447636)	2	<10	<5	408	<10	<10	<5	0.07	<5	<50	12.9	<1	2	25.4	
D62128 (447637)	3	<10	<5	425	<10	<10	<5	0.10	<5	<50	16.5	<1	4	36.8	
D62129 (447638)	2	<10	<5	389	<10	<10	<5	0.08	<5	<50	15.9	<1	2	30.4	
D62130 (447639)	3	<10	<5	453	<10	<10	<5	0.12	<5	<50	17.2	<1	3	44.0	
D62131 (447640)	3	<10	<5	418	<10	<10	<5	0.16	<5	<50	21.2	<1	4	54.6	
D62132 (447641)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	2.9	2	2	3.7	
D62133 (447642)	2	<10	<5	446	<10	<10	<5	0.08	<5	<50	13.6	<1	2	32.7	
D62134 (447643)	2	<10	<5	421	<10	<10	<5	0.14	<5	<50	19.3	<1	4	49.6	
D62135 (447644)	2	<10	<5	407	<10	<10	<5	0.10	<5	<50	14.1	<1	3	40.0	
D62136 (447645)	2	<10	<5	439	<10	<10	<5	0.10	<5	<50	16.8	<1	3	35.6	
D62137 (447646)	2	<10	<5	412	<10	<10	<5	0.08	<5	<50	17.4	<1	3	30.1	
D62138 (447647)	2	<10	<5	416	<10	<10	<5	0.08	<5	<50	16.7	<1	3	29.1	
D62139 (447648)	2	<10	<5	407	<10	<10	<5	0.08	<5	<50	14.0	<1	3	32.8	
D62140 (447649)	2	<10	<5	407	<10	<10	<5	0.09	<5	<50	15.1	<1	4	35.8	
D62141 (447650)	2	<10	<5	406	<10	<10	<5	0.08	<5	<50	13.9	<1	4	30.5	
D62142 (447651)	1	<10	<5	368	<10	<10	<5	0.06	<5	<50	11.9	<1	3	18.8	
D62143 (447652)	3	<10	<5	399	<10	<10	<5	0.10	<5	<50	18.3	<1	3	30.6	
D62144 (447653)	2	<10	<5	439	<10	<10	<5	0.11	<5	<50	17.1	<1	3	39.8	
D62145 (447654)	2	<10	<5	435	<10	<10	<5	0.11	<5	<50	17.6	<1	2	40.4	
D62146 (447655)	46	<10	<5	115	<10	<10	<5	0.69	<5	<50	327	<1	23	79.7	
D62147 (447656)	2	<10	<5	462	<10	<10	<5	0.11	<5	<50	17.1	<1	3	51.2	
D62148 (447657)	2	<10	<5	413	<10	<10	<5	0.11	<5	<50	16.5	<1	3	37.5	
D62149 (447658)	3	<10	<5	463	<10	<10	<5	0.13	<5	<50	19.3	<1	6	44.5	
D62150 (447659)	38	<10	<5	414	<10	<10	<5	1.27	<5	<50	257	<1	29	71.9	

Certified By: \_\_\_\_\_



## Certificate of Analysis

AGAT WORK ORDER: 19B506408

PROJECT: AGAT00743

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019	DATE RECEIVED: Aug 16, 2019					DATE REPORTED: Aug 30, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D62151 (447660)		4	<10	<5	367	<10	<10	<5	0.11	<5	<50	24.5	<1	14	22.6
D62152 (447661)		<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	3.3	2	2	4.2

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506408

PROJECT: AGAT00743

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019      DATE RECEIVED: Aug 16, 2019      DATE REPORTED: Aug 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D62119 (447628)				89
D62120 (447629)				44
D62121 (447630)				68
D62122 (447631)				49
D62123 (447632)				50
D62124 (447633)				37
D62125 (447634)				42
D62126 (447635)				86
D62127 (447636)				49
D62128 (447637)				53
D62129 (447638)				55
D62130 (447639)				38
D62131 (447640)				37
D62132 (447641)				<5
D62133 (447642)				43
D62134 (447643)				40
D62135 (447644)				38
D62136 (447645)				37
D62137 (447646)				42
D62138 (447647)				41
D62139 (447648)				45
D62140 (447649)				64
D62141 (447650)				73
D62142 (447651)				42
D62143 (447652)				44
D62144 (447653)				42
D62145 (447654)				62
D62146 (447655)				57
D62147 (447656)				39
D62148 (447657)				46
D62149 (447658)				47
D62150 (447659)				197

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19B506408

PROJECT: AGAT00743

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D62151 (447660)	64
D62152 (447661)	<5

Comments: RDL - Reported Detection Limit

447628-447661 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506408

PROJECT: AGAT00743

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D62119 (447628)			0.003
D62120 (447629)			0.001
D62121 (447630)			0.001
D62122 (447631)			0.001
D62123 (447632)			0.009
D62124 (447633)			0.002
D62125 (447634)			0.002
D62126 (447635)			0.342
D62127 (447636)			0.001
D62128 (447637)			0.001
D62129 (447638)			0.001
D62130 (447639)			0.001
D62131 (447640)			0.001
D62132 (447641)			0.001
D62133 (447642)			0.001
D62134 (447643)			0.001
D62135 (447644)			0.001
D62136 (447645)			0.002
D62137 (447646)			0.001
D62138 (447647)			0.001
D62139 (447648)			0.003
D62140 (447649)			0.001
D62141 (447650)			0.001
D62142 (447651)			0.001
D62143 (447652)			0.002
D62144 (447653)			0.001
D62145 (447654)			0.002
D62146 (447655)			0.527
D62147 (447656)			0.002
D62148 (447657)			0.002
D62149 (447658)			0.004
D62150 (447659)			0.002

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506408

PROJECT: AGAT00743

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Analyte:	Au
Unit:	ppm
Sample ID (AGAT ID)	RDL: 0.001
D62151 (447660)	0.001
D62152 (447661)	<0.001

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506408

PROJECT: AGAT00743

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL:
D62119 (447628)	84.1
D62139 (447648)	84.6

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	447628	< 0.5	< 0.5	0.0%	447642	< 0.5	< 0.5	0.0%	447652	< 0.5	< 0.5	0.0%				
Al	447628	6.52	6.26	4.1%	447642	7.99	7.81	2.3%	447652	7.88	8.12	3.0%				
As	447628	3	4	28.6%	447642	< 1	< 1	0.0%	447652	2	< 1					
Ba	447628	399	396	0.8%	447642	971	945	2.7%	447652	660	678	2.7%				
Be	447628	4.61	4.68	1.5%	447642	0.8	0.8	0.0%	447652	1.1	1.1	0.0%				
Bi	447628	< 1	< 1	0.0%	447642	< 1	< 1	0.0%	447652	< 1	< 1	0.0%				
Ca	447628	4.42	4.54	2.7%	447642	1.48	1.45	2.0%	447652	1.59	1.64	3.1%				
Cd	447628	< 0.5	< 0.5	0.0%	447642	< 0.5	< 0.5	0.0%	447652	< 0.5	< 0.5	0.0%				
Ce	447628	31	32	3.2%	447642	15	17	12.5%	447652	15	15	0.0%				
Co	447628	25.1	25.6	2.0%	447642	2.39	2.04	15.8%	447652	2.93	2.95	0.7%				
Cr	447628	177	189	6.6%	447642	23.7	32.1		447652	21.1	17.8	17.0%				
Cu	447628	34.1	36.8	7.6%	447642	4.9	5.4	9.7%	447652	2.64	2.14	20.9%				
Fe	447628	3.55	3.60	1.4%	447642	1.16	1.10	5.3%	447652	1.43	1.39	2.8%				
Ga	447628	22	22	0.0%	447642	20	20	0.0%	447652	21	21	0.0%				
In	447628	< 1	< 1	0.0%	447642	< 1	< 1	0.0%	447652	< 1	< 1	0.0%				
K	447628	2.08	2.08	0.0%	447642	2.54	2.45	3.6%	447652	2.35	2.44	3.8%				
La	447628	16	16	0.0%	447642	7	8	13.3%	447652	7	7	0.0%				
Li	447628	86	81	6.0%	447642	14	13	7.4%	447652	11	11	0.0%				
Mg	447628	2.61	2.62	0.4%	447642	0.228	0.212	7.3%	447652	0.38	0.38	0.0%				
Mn	447628	600	603	0.5%	447642	142	136	4.3%	447652	190	182	4.3%				
Mo	447628	1.03	1.30	23.2%	447642	1.4	2.3		447652	1.07	0.95	11.9%				
Na	447628	3.59	3.44	4.3%	447642	3.57	3.51	1.7%	447652	3.73	3.71	0.5%				
Ni	447628	144	142	1.4%	447642	0.8	0.8	0.0%	447652	4.3	3.9	9.8%				
P	447628	612	595	2.8%	447642	183	194	5.8%	447652	163	167	2.4%				
Pb	447628	< 20	< 20	0.0%	447642	< 20	< 20	0.0%	447652	< 20	< 20	0.0%				
Rb	447628	< 50	< 50	0.0%	447642	< 50	< 50	0.0%	447652	< 50	< 50	0.0%				
S	447628	0.06	0.06	0.0%	447642	0.01	< 0.01		447652	0.02	0.02	0.0%				
Sb	447628	< 1	< 1	0.0%	447642	< 1	< 1	0.0%	447652	< 1	1					
Sc	447628	31	32	3.2%	447642	2	2	0.0%	447652	3	3	0.0%				
Se	447628	< 10	< 10	0.0%	447642	< 10	< 10	0.0%	447652	< 10	< 10	0.0%				
Sn	447628	< 5	< 5	0.0%	447642	< 5	< 5	0.0%	447652	< 5	< 5	0.0%				



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	447628	614	598	2.6%	447642	446	438	1.8%	447652	399	399	0.0%				
Ta	447628	< 10	< 10	0.0%	447642	< 10	< 10	0.0%	447652	< 10	< 10	0.0%				
Te	447628	< 10	< 10	0.0%	447642	< 10	< 10	0.0%	447652	< 10	< 10	0.0%				
Th	447628	< 5	< 5	0.0%	447642	< 5	< 5	0.0%	447652	< 5	< 5	0.0%				
Ti	447628	0.40	0.42	4.9%	447642	0.08	0.08	0.0%	447652	0.10	0.10	0.0%				
Tl	447628	< 5	< 5	0.0%	447642	< 5	< 5	0.0%	447652	< 5	< 5	0.0%				
U	447628	< 50	< 50	0.0%	447642	< 50	< 50	0.0%	447652	< 50	< 50	0.0%				
V	447628	165	175	5.9%	447642	13.6	14.1	3.6%	447652	18.3	17.1	6.8%				
W	447628	< 1	< 1	0.0%	447642	< 1	< 1	0.0%	447652	< 1	< 1	0.0%				
Y	447628	9	9	0.0%	447642	2	2	0.0%	447652	3	3	0.0%				
Zn	447628	61.1	55.1	10.3%	447642	32.7	30.7	6.3%	447652	30.6	29.8	2.6%				
Zr	447628	89	93	4.4%	447642	43	44	2.3%	447652	44	37	17.3%				

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Au	447628	0.003	0.003	0.0%	447642	0.001	0.001	0.0%	447652	0.002	0.003					



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)										
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits							
Al	10.95	10.71	98%	90% - 110%	8.17	8.09	99%	90% - 110%							
As					26	22	86%	90% - 110%							
Ba	340	320	94%	90% - 110%	540	489	91%	90% - 110%							
Be	2.6	2.5	96%	90% - 110%											
Ca	5.72	5.5	96%	90% - 110%	0.907	0.862	95%	90% - 110%							
Ce	122	115	95%	90% - 110%	98	106	108%	90% - 110%							
Co	2.8	2	70%	90% - 110%											
Cr					60.3	63.7	106%	90% - 110%							
Cu					150	146	97%	90% - 110%							
Fe	4.34	4	92%	90% - 110%	3.77	3.62	96%	90% - 110%							
Ga	35	33	95%	90% - 110%											
K	1.37	1.37	100%	90% - 110%											
La	58	53	91%	90% - 110%	44	46	105%	90% - 110%							
Li	37	38	102%	90% - 110%	47	45	96%	90% - 110%							
Mg	0.325	0.303	93%	90% - 110%	1.10	1.06	97%	90% - 110%							
Mn					780	736	94%	90% - 110%							
Mo					14	13	90%	90% - 110%							
Na	5.267	5.176	98%	90% - 110%	1.624	1.616	100%	90% - 110%							
Ni	9	7	81%	90% - 110%	32	32	101%	90% - 110%							
P					750	699	93%	90% - 110%							
Sc	1.1	0.8	75%	90% - 110%	12	12	100%	90% - 110%							
Sr	1191	1163	98%	90% - 110%	144	147	102%	90% - 110%							
Ti	0.172	0.167	97%	90% - 110%	0.53	0.46	87%	90% - 110%							
V	8	8	96%	90% - 110%	77	81	105%	90% - 110%							
Y	119	114	96%	90% - 110%											
Zn	93	92	98%	90% - 110%	130	118	91%	90% - 110%							

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GSP7M)				CRM #2 (ref.GS6F)										
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits							
Au	0.725	0.726	100%	90% - 110%	6.87	6.57	96%	90% - 110%							

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00743  
 SAMPLING SITE:

AGAT WORK ORDER: 19B506408  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE



CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00746

AGAT WORK ORDER: 19B506408

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Aug 30, 2019

PAGES (INCLUDING COVER): 18

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19B506408

PROJECT: AGAT00746

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
RDL:	0.01
D62119 (447628)	1.00
D62120 (447629)	1.16
D62121 (447630)	2.47
D62122 (447631)	2.15
D62123 (447632)	0.90
D62124 (447633)	2.55
D62125 (447634)	3.02
D62126 (447635)	0.09
D62127 (447636)	3.28
D62128 (447637)	2.86
D62129 (447638)	0.73
D62130 (447639)	2.55
D62131 (447640)	3.01
D62132 (447641)	0.64
D62133 (447642)	2.58
D62134 (447643)	1.10
D62135 (447644)	1.24
D62136 (447645)	3.47
D62137 (447646)	3.07
D62138 (447647)	3.07
D62139 (447648)	3.06
D62140 (447649)	3.14
D62141 (447650)	2.99
D62142 (447651)	3.01
D62143 (447652)	3.20
D62144 (447653)	3.18
D62145 (447654)	3.09
D62146 (447655)	0.09
D62147 (447656)	3.28
D62148 (447657)	2.14
D62149 (447658)	1.57

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506408

PROJECT: AGAT00746

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D62150 (447659)		1.94
D62151 (447660)		0.73
D62152 (447661)		0.63

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506408

PROJECT: AGAT00746

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019	DATE RECEIVED: Aug 16, 2019							DATE REPORTED: Aug 30, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D62119 (447628)	<0.5	6.52	3	399	4.6	<1	4.42	<0.5	31	25.1	177	34.1	3.55	22	
D62120 (447629)	<0.5	8.13	<1	821	1.8	<1	1.59	<0.5	14	3.3	19.5	4.4	1.81	22	
D62121 (447630)	<0.5	7.69	<1	510	0.9	<1	1.73	<0.5	8	3.3	21.5	3.7	1.43	20	
D62122 (447631)	<0.5	7.75	2	525	1.5	<1	2.22	<0.5	40	4.9	27.3	7.9	1.84	23	
D62123 (447632)	<0.5	3.64	13	873	3.5	<1	6.46	<0.5	74	33.5	181	98.3	4.78	18	
D62124 (447633)	<0.5	7.87	<1	828	1.7	<1	1.39	<0.5	13	2.6	29.1	4.3	1.38	22	
D62125 (447634)	<0.5	7.91	<1	921	1.2	<1	1.25	<0.5	4	2.0	26.9	3.2	1.21	20	
D62126 (447635)	<0.5	7.26	<1	184	<0.5	<1	6.26	<0.5	17	40.1	184	104	7.60	23	
D62127 (447636)	<0.5	7.71	1	949	1.0	<1	1.28	<0.5	6	1.8	17.7	3.6	1.12	21	
D62128 (447637)	<0.5	7.83	2	431	1.2	<1	1.69	<0.5	43	2.7	27.7	4.3	1.39	21	
D62129 (447638)	<0.5	7.71	<1	470	1.0	<1	1.47	<0.5	9	2.0	19.1	3.0	1.34	21	
D62130 (447639)	<0.5	8.30	<1	246	1.1	<1	1.82	<0.5	26	2.9	27.2	2.6	1.44	19	
D62131 (447640)	<0.5	7.87	2	471	0.9	<1	1.64	<0.5	51	4.0	19.4	8.8	1.74	21	
D62132 (447641)	<0.5	0.07	<1	14	<0.5	<1	31.3	<0.5	2	1.0	5.6	<0.5	0.11	7	
D62133 (447642)	<0.5	7.99	<1	971	0.8	<1	1.48	<0.5	15	2.4	23.7	4.9	1.16	20	
D62134 (447643)	<0.5	8.05	1	302	0.9	<1	1.72	<0.5	47	3.0	18.9	1.2	1.59	21	
D62135 (447644)	<0.5	7.80	<1	670	0.9	<1	1.44	<0.5	20	2.2	16.1	0.8	1.25	21	
D62136 (447645)	<0.5	7.90	<1	570	1.0	<1	1.68	<0.5	18	2.6	22.6	0.7	1.33	21	
D62137 (447646)	<0.5	7.78	<1	763	1.1	<1	1.53	<0.5	16	2.5	24.6	7.6	1.31	21	
D62138 (447647)	<0.5	7.77	<1	772	1.1	<1	1.54	<0.5	17	2.2	18.5	8.4	1.18	20	
D62139 (447648)	<0.5	7.77	1	542	1.1	<1	1.62	<0.5	14	1.8	23.6	1.7	1.24	20	
D62140 (447649)	<0.5	7.75	<1	324	1.0	<1	1.70	<0.5	18	2.1	23.2	4.0	1.24	20	
D62141 (447650)	<0.5	7.77	<1	565	0.9	<1	1.57	<0.5	29	1.9	16.0	4.0	1.25	19	
D62142 (447651)	<0.5	7.42	<1	876	0.9	<1	1.36	<0.5	17	1.8	22.8	1.8	1.02	20	
D62143 (447652)	<0.5	7.88	2	660	1.1	<1	1.59	<0.5	15	2.9	21.1	2.6	1.43	21	
D62144 (447653)	<0.5	7.87	1	777	0.8	<1	1.61	<0.5	14	2.7	23.4	2.1	1.51	20	
D62145 (447654)	<0.5	7.56	<1	561	0.8	<1	1.56	<0.5	14	2.5	15.7	3.0	1.46	20	
D62146 (447655)	<0.5	7.18	<1	142	<0.5	<1	6.78	<0.5	7	45.4	188	155	8.03	23	
D62147 (447656)	<0.5	8.00	<1	519	0.9	<1	1.72	<0.5	17	3.2	19.8	8.8	1.30	20	
D62148 (447657)	<0.5	7.80	1	418	1.0	<1	1.74	<0.5	12	3.1	19.9	1.6	1.39	20	
D62149 (447658)	<0.5	8.06	<1	453	1.1	<1	1.74	<0.5	23	3.3	18.4	8.8	1.52	22	
D62150 (447659)	<0.5	3.16	<1	1290	6.5	<1	7.36	<0.5	116	51.4	541	194	8.46	18	

Certified By: \_\_\_\_\_



## Certificate of Analysis

AGAT WORK ORDER: 19B506408

PROJECT: AGAT00746

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019	DATE RECEIVED: Aug 16, 2019				DATE REPORTED: Aug 30, 2019				SAMPLE TYPE: Drill Core					
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm
Sample ID (AGAT ID)	RDL:													
D62151 (447660)	<0.5	7.70	2	486	2.5	<1	2.44	<0.5	33	4.3	17.7	8.3	1.58	20
D62152 (447661)	<0.5	0.07	<1	13	<0.5	<1	33.1	<0.5	2	1.2	5.0	<0.5	0.10	7

Certified By:



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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019	DATE RECEIVED: Aug 16, 2019					DATE REPORTED: Aug 30, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D62119 (447628)	<1	2.08	16	86	2.61	600	1.0	3.59	144	612	<20	<50	0.06	<1	
D62120 (447629)	<1	1.74	8	22	0.41	217	0.7	4.24	3.3	245	<20	<50	0.02	<1	
D62121 (447630)	<1	1.53	4	17	0.36	206	0.9	3.64	2.9	203	<20	<50	0.01	<1	
D62122 (447631)	<1	1.66	19	19	0.61	322	0.9	3.94	8.5	277	<20	<50	0.03	<1	
D62123 (447632)	<1	3.07	37	214	3.53	984	1.6	1.30	150	1680	<20	<50	0.26	<1	
D62124 (447633)	<1	2.19	6	14	0.42	186	1.3	4.15	5.1	338	<20	<50	0.02	<1	
D62125 (447634)	<1	2.61	2	13	0.29	138	1.6	3.72	2.8	103	<20	<50	0.01	1	
D62126 (447635)	<1	0.42	11	10	4.20	1290	<0.5	2.26	108	792	<20	<50	0.08	<1	
D62127 (447636)	<1	3.06	4	9	0.25	140	1.2	3.20	0.5	126	<20	<50	0.01	1	
D62128 (447637)	<1	1.53	22	18	0.33	191	1.1	3.96	2.5	249	<20	<50	<0.01	<1	
D62129 (447638)	<1	1.89	5	8	0.23	147	0.9	3.68	1.5	121	<20	<50	<0.01	<1	
D62130 (447639)	<1	1.27	13	26	0.40	210	1.3	4.20	3.2	224	<20	<50	<0.01	<1	
D62131 (447640)	<1	1.69	25	29	0.41	244	0.7	3.74	3.3	222	<20	<50	0.02	<1	
D62132 (447641)	1	0.01	<2	1	2.91	91	<0.5	0.04	<0.5	81	<20	<50	<0.01	1	
D62133 (447642)	<1	2.54	7	14	0.23	142	1.4	3.57	0.8	183	<20	<50	0.01	<1	
D62134 (447643)	<1	1.24	23	22	0.35	223	0.7	4.01	2.5	230	<20	<50	<0.01	<1	
D62135 (447644)	<1	2.07	10	15	0.31	186	1.0	3.70	1.3	207	<20	<50	<0.01	<1	
D62136 (447645)	<1	1.59	9	18	0.29	199	1.2	3.93	2.2	226	<20	<50	<0.01	<1	
D62137 (447646)	<1	2.26	8	9	0.27	192	1.1	3.73	2.1	172	<20	<50	0.01	<1	
D62138 (447647)	<1	2.30	8	9	0.27	181	1.0	3.78	1.7	170	<20	<50	0.02	<1	
D62139 (447648)	<1	1.81	7	9	0.25	195	1.4	3.76	1.8	159	<20	<50	<0.01	1	
D62140 (447649)	<1	1.27	9	10	0.26	206	1.3	3.95	0.8	225	<20	<50	0.01	2	
D62141 (447650)	<1	1.68	16	7	0.21	181	1.0	3.85	0.8	231	<20	<50	0.02	<1	
D62142 (447651)	<1	2.22	9	5	0.22	153	0.8	3.59	1.3	146	<20	<50	0.01	2	
D62143 (447652)	<1	2.35	7	11	0.38	190	1.1	3.73	4.3	163	<20	<50	0.02	<1	
D62144 (447653)	<1	2.14	7	14	0.36	198	1.0	3.69	1.7	221	<20	<50	<0.01	<1	
D62145 (447654)	<1	1.50	7	16	0.29	172	1.0	3.60	1.2	184	<20	<50	0.01	1	
D62146 (447655)	<1	0.20	5	12	4.26	1370	<0.5	2.27	94.2	380	<20	<50	0.14	<1	
D62147 (447656)	<1	1.57	8	14	0.29	182	1.2	4.01	1.8	218	<20	<50	0.03	<1	
D62148 (447657)	<1	1.29	6	14	0.40	215	0.9	4.00	3.4	227	<20	<50	0.01	2	
D62149 (447658)	<1	1.20	11	17	0.46	224	1.4	4.29	4.3	479	<20	<50	0.02	<1	
D62150 (447659)	<1	2.95	56	80	7.59	1450	<0.5	1.09	242	1480	<20	<50	0.17	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506408

PROJECT: AGAT00746

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019	DATE RECEIVED: Aug 16, 2019					DATE REPORTED: Aug 30, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:														
D62151 (447660)	<1	1.93	17	23	1.12	430	0.9	4.09	9.5	182	<20	<50	<0.01	2	
D62152 (447661)	2	0.02	<2	1	2.37	51	<0.5	0.04	<0.5	81	<20	<50	<0.01	2	

Certified By:



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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D62119 (447628)	31	<10	<5	614	<10	<10	<5	0.40	<5	<50	165	<1	9	61.1
D62120 (447629)	4	<10	<5	464	<10	<10	<5	0.16	<5	<50	27.7	<1	3	48.3
D62121 (447630)	3	<10	<5	469	<10	<10	<5	0.13	<5	<50	19.7	<1	3	44.6
D62122 (447631)	5	<10	<5	433	<10	<10	<5	0.17	<5	<50	40.1	<1	6	41.7
D62123 (447632)	35	<10	<5	577	<10	<10	<5	0.53	<5	<50	232	<1	21	30.0
D62124 (447633)	3	<10	<5	351	<10	<10	<5	0.08	<5	<50	22.1	<1	7	26.5
D62125 (447634)	2	<10	<5	403	<10	<10	<5	0.07	<5	<50	13.3	<1	2	24.0
D62126 (447635)	33	<10	<5	246	<10	<10	<5	0.85	<5	<50	240	<1	21	87.7
D62127 (447636)	2	<10	<5	408	<10	<10	<5	0.07	<5	<50	12.9	<1	2	25.4
D62128 (447637)	3	<10	<5	425	<10	<10	<5	0.10	<5	<50	16.5	<1	4	36.8
D62129 (447638)	2	<10	<5	389	<10	<10	<5	0.08	<5	<50	15.9	<1	2	30.4
D62130 (447639)	3	<10	<5	453	<10	<10	<5	0.12	<5	<50	17.2	<1	3	44.0
D62131 (447640)	3	<10	<5	418	<10	<10	<5	0.16	<5	<50	21.2	<1	4	54.6
D62132 (447641)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	2.9	2	2	3.7
D62133 (447642)	2	<10	<5	446	<10	<10	<5	0.08	<5	<50	13.6	<1	2	32.7
D62134 (447643)	2	<10	<5	421	<10	<10	<5	0.14	<5	<50	19.3	<1	4	49.6
D62135 (447644)	2	<10	<5	407	<10	<10	<5	0.10	<5	<50	14.1	<1	3	40.0
D62136 (447645)	2	<10	<5	439	<10	<10	<5	0.10	<5	<50	16.8	<1	3	35.6
D62137 (447646)	2	<10	<5	412	<10	<10	<5	0.08	<5	<50	17.4	<1	3	30.1
D62138 (447647)	2	<10	<5	416	<10	<10	<5	0.08	<5	<50	16.7	<1	3	29.1
D62139 (447648)	2	<10	<5	407	<10	<10	<5	0.08	<5	<50	14.0	<1	3	32.8
D62140 (447649)	2	<10	<5	407	<10	<10	<5	0.09	<5	<50	15.1	<1	4	35.8
D62141 (447650)	2	<10	<5	406	<10	<10	<5	0.08	<5	<50	13.9	<1	4	30.5
D62142 (447651)	1	<10	<5	368	<10	<10	<5	0.06	<5	<50	11.9	<1	3	18.8
D62143 (447652)	3	<10	<5	399	<10	<10	<5	0.10	<5	<50	18.3	<1	3	30.6
D62144 (447653)	2	<10	<5	439	<10	<10	<5	0.11	<5	<50	17.1	<1	3	39.8
D62145 (447654)	2	<10	<5	435	<10	<10	<5	0.11	<5	<50	17.6	<1	2	40.4
D62146 (447655)	46	<10	<5	115	<10	<10	<5	0.69	<5	<50	327	<1	23	79.7
D62147 (447656)	2	<10	<5	462	<10	<10	<5	0.11	<5	<50	17.1	<1	3	51.2
D62148 (447657)	2	<10	<5	413	<10	<10	<5	0.11	<5	<50	16.5	<1	3	37.5
D62149 (447658)	3	<10	<5	463	<10	<10	<5	0.13	<5	<50	19.3	<1	6	44.5
D62150 (447659)	38	<10	<5	414	<10	<10	<5	1.27	<5	<50	257	<1	29	71.9

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19B506408

PROJECT: AGAT00746

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019	DATE RECEIVED: Aug 16, 2019					DATE REPORTED: Aug 30, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D62151 (447660)		4	<10	<5	367	<10	<10	<5	0.11	<5	<50	24.5	<1	14	22.6
D62152 (447661)		<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	3.3	2	2	4.2

Certified By:

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

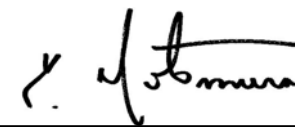
DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D62119 (447628)			89
D62120 (447629)			44
D62121 (447630)			68
D62122 (447631)			49
D62123 (447632)			50
D62124 (447633)			37
D62125 (447634)			42
D62126 (447635)			86
D62127 (447636)			49
D62128 (447637)			53
D62129 (447638)			55
D62130 (447639)			38
D62131 (447640)			37
D62132 (447641)			<5
D62133 (447642)			43
D62134 (447643)			40
D62135 (447644)			38
D62136 (447645)			37
D62137 (447646)			42
D62138 (447647)			41
D62139 (447648)			45
D62140 (447649)			64
D62141 (447650)			73
D62142 (447651)			42
D62143 (447652)			44
D62144 (447653)			42
D62145 (447654)			62
D62146 (447655)			57
D62147 (447656)			39
D62148 (447657)			46
D62149 (447658)			47
D62150 (447659)			197

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19B506408

PROJECT: AGAT00746

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
Sample ID (AGAT ID)	RDL: 5
D62151 (447660)	64
D62152 (447661)	<5

Comments: RDL - Reported Detection Limit

447628-447661 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19B506408

PROJECT: AGAT00746

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 15, 2019

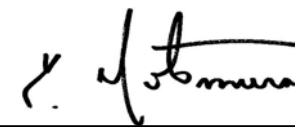
DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D62119 (447628)			0.003
D62120 (447629)			0.001
D62121 (447630)			0.001
D62122 (447631)			0.001
D62123 (447632)			0.009
D62124 (447633)			0.002
D62125 (447634)			0.002
D62126 (447635)			0.342
D62127 (447636)			0.001
D62128 (447637)			0.001
D62129 (447638)			0.001
D62130 (447639)			0.001
D62131 (447640)			0.001
D62132 (447641)			0.001
D62133 (447642)			0.001
D62134 (447643)			0.001
D62135 (447644)			0.001
D62136 (447645)			0.002
D62137 (447646)			0.001
D62138 (447647)			0.001
D62139 (447648)			0.003
D62140 (447649)			0.001
D62141 (447650)			0.001
D62142 (447651)			0.001
D62143 (447652)			0.002
D62144 (447653)			0.001
D62145 (447654)			0.002
D62146 (447655)			0.527
D62147 (447656)			0.002
D62148 (447657)			0.002
D62149 (447658)			0.004
D62150 (447659)			0.002

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19B506408

PROJECT: AGAT00746

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Analyte:	Au
Unit:	ppm
RDL:	0.001
Sample ID (AGAT ID)	
D62151 (447660)	0.001
D62152 (447661)	<0.001

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19B506408

PROJECT: AGAT00746

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D62119 (447628)		84.1
D62139 (447648)		84.6

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	447628	< 0.5	< 0.5	0.0%	447642	< 0.5	< 0.5	0.0%	447652	< 0.5	< 0.5	0.0%				
Al	447628	6.52	6.26	4.1%	447642	7.99	7.81	2.3%	447652	7.88	8.12	3.0%				
As	447628	3	4	28.6%	447642	< 1	< 1	0.0%	447652	2	< 1					
Ba	447628	399	396	0.8%	447642	971	945	2.7%	447652	660	678	2.7%				
Be	447628	4.61	4.68	1.5%	447642	0.8	0.8	0.0%	447652	1.1	1.1	0.0%				
Bi	447628	< 1	< 1	0.0%	447642	< 1	< 1	0.0%	447652	< 1	< 1	0.0%				
Ca	447628	4.42	4.54	2.7%	447642	1.48	1.45	2.0%	447652	1.59	1.64	3.1%				
Cd	447628	< 0.5	< 0.5	0.0%	447642	< 0.5	< 0.5	0.0%	447652	< 0.5	< 0.5	0.0%				
Ce	447628	31	32	3.2%	447642	15	17	12.5%	447652	15	15	0.0%				
Co	447628	25.1	25.6	2.0%	447642	2.39	2.04	15.8%	447652	2.93	2.95	0.7%				
Cr	447628	177	189	6.6%	447642	23.7	32.1		447652	21.1	17.8	17.0%				
Cu	447628	34.1	36.8	7.6%	447642	4.9	5.4	9.7%	447652	2.64	2.14	20.9%				
Fe	447628	3.55	3.60	1.4%	447642	1.16	1.10	5.3%	447652	1.43	1.39	2.8%				
Ga	447628	22	22	0.0%	447642	20	20	0.0%	447652	21	21	0.0%				
In	447628	< 1	< 1	0.0%	447642	< 1	< 1	0.0%	447652	< 1	< 1	0.0%				
K	447628	2.08	2.08	0.0%	447642	2.54	2.45	3.6%	447652	2.35	2.44	3.8%				
La	447628	16	16	0.0%	447642	7	8	13.3%	447652	7	7	0.0%				
Li	447628	86	81	6.0%	447642	14	13	7.4%	447652	11	11	0.0%				
Mg	447628	2.61	2.62	0.4%	447642	0.228	0.212	7.3%	447652	0.38	0.38	0.0%				
Mn	447628	600	603	0.5%	447642	142	136	4.3%	447652	190	182	4.3%				
Mo	447628	1.03	1.30	23.2%	447642	1.4	2.3		447652	1.07	0.95	11.9%				
Na	447628	3.59	3.44	4.3%	447642	3.57	3.51	1.7%	447652	3.73	3.71	0.5%				
Ni	447628	144	142	1.4%	447642	0.8	0.8	0.0%	447652	4.3	3.9	9.8%				
P	447628	612	595	2.8%	447642	183	194	5.8%	447652	163	167	2.4%				
Pb	447628	< 20	< 20	0.0%	447642	< 20	< 20	0.0%	447652	< 20	< 20	0.0%				
Rb	447628	< 50	< 50	0.0%	447642	< 50	< 50	0.0%	447652	< 50	< 50	0.0%				
S	447628	0.06	0.06	0.0%	447642	0.01	< 0.01		447652	0.02	0.02	0.0%				
Sb	447628	< 1	< 1	0.0%	447642	< 1	< 1	0.0%	447652	< 1	1					
Sc	447628	31	32	3.2%	447642	2	2	0.0%	447652	3	3	0.0%				
Se	447628	< 10	< 10	0.0%	447642	< 10	< 10	0.0%	447652	< 10	< 10	0.0%				
Sn	447628	< 5	< 5	0.0%	447642	< 5	< 5	0.0%	447652	< 5	< 5	0.0%				



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	447628	614	598	2.6%	447642	446	438	1.8%	447652	399	399	0.0%				
Ta	447628	< 10	< 10	0.0%	447642	< 10	< 10	0.0%	447652	< 10	< 10	0.0%				
Te	447628	< 10	< 10	0.0%	447642	< 10	< 10	0.0%	447652	< 10	< 10	0.0%				
Th	447628	< 5	< 5	0.0%	447642	< 5	< 5	0.0%	447652	< 5	< 5	0.0%				
Ti	447628	0.40	0.42	4.9%	447642	0.08	0.08	0.0%	447652	0.10	0.10	0.0%				
Tl	447628	< 5	< 5	0.0%	447642	< 5	< 5	0.0%	447652	< 5	< 5	0.0%				
U	447628	< 50	< 50	0.0%	447642	< 50	< 50	0.0%	447652	< 50	< 50	0.0%				
V	447628	165	175	5.9%	447642	13.6	14.1	3.6%	447652	18.3	17.1	6.8%				
W	447628	< 1	< 1	0.0%	447642	< 1	< 1	0.0%	447652	< 1	< 1	0.0%				
Y	447628	9	9	0.0%	447642	2	2	0.0%	447652	3	3	0.0%				
Zn	447628	61.1	55.1	10.3%	447642	32.7	30.7	6.3%	447652	30.6	29.8	2.6%				
Zr	447628	89	93	4.4%	447642	43	44	2.3%	447652	44	37	17.3%				

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Au	447628	0.003	0.003	0.0%	447642	0.001	0.001	0.0%	447652	0.002	0.003					



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)											
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Al	10.95	10.71	98%	90% - 110%	8.17	8.09	99%	90% - 110%								
As					26	22	86%	90% - 110%								
Ba	340	320	94%	90% - 110%	540	489	91%	90% - 110%								
Be	2.6	2.5	96%	90% - 110%												
Ca	5.72	5.5	96%	90% - 110%	0.907	0.862	95%	90% - 110%								
Ce	122	115	95%	90% - 110%	98	106	108%	90% - 110%								
Co	2.8	2	70%	90% - 110%												
Cr					60.3	63.7	106%	90% - 110%								
Cu					150	146	97%	90% - 110%								
Fe	4.34	4	92%	90% - 110%	3.77	3.62	96%	90% - 110%								
Ga	35	33	95%	90% - 110%												
K	1.37	1.37	100%	90% - 110%												
La	58	53	91%	90% - 110%	44	46	105%	90% - 110%								
Li	37	38	102%	90% - 110%	47	45	96%	90% - 110%								
Mg	0.325	0.303	93%	90% - 110%	1.10	1.06	97%	90% - 110%								
Mn					780	736	94%	90% - 110%								
Mo					14	13	90%	90% - 110%								
Na	5.267	5.176	98%	90% - 110%	1.624	1.616	100%	90% - 110%								
Ni	9	7	81%	90% - 110%	32	32	101%	90% - 110%								
P					750	699	93%	90% - 110%								
Sc	1.1	0.8	75%	90% - 110%	12	12	100%	90% - 110%								
Sr	1191	1163	98%	90% - 110%	144	147	102%	90% - 110%								
Ti	0.172	0.167	97%	90% - 110%	0.53	0.46	87%	90% - 110%								
V	8	8	96%	90% - 110%	77	81	105%	90% - 110%								
Y	119	114	96%	90% - 110%												
Zn	93	92	98%	90% - 110%	130	118	91%	90% - 110%								

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GSP7M)				CRM #2 (ref.GS6F)											
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Au	0.725	0.726	100%	90% - 110%	6.87	6.57	96%	90% - 110%								

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19B506408

PROJECT: AGAT00746

ATTENTION TO: Craig Yuill

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00742

AGAT WORK ORDER: 19B506409

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 05, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19B506409

PROJECT: AGAT00742

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 15, 2019      DATE RECEIVED: Aug 16, 2019      DATE REPORTED: Sep 05, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D62047 (447662)		0.81
D62048 (447663)		1.45
D62049 (447664)		1.59
D62050 (447665)		0.81
D62051 (447666)		2.22
D62052 (447667)		0.63
D62053 (447668)		2.11
D62054 (447669)		2.36
D62055 (447670)		2.16
D62056 (447671)		2.22
D62057 (447672)		2.24
D62058 (447673)		2.24
D62059 (447674)		2.17
D62060 (447675)		2.18
D62061 (447676)		1.88
D62062 (447677)		1.54
D62063 (447678)		1.12
D62064 (447679)		1.32
D62065 (447680)		2.72
D62066 (447681)		0.09
D62067 (447682)		2.14
D62068 (447683)		2.18
D62069 (447684)		1.31
D62070 (447685)		1.02
D62071 (447686)		2.00
D62072 (447687)		0.59
D62073 (447688)		1.48
D62074 (447689)		1.98
D62075 (447690)		1.07
D62076 (447691)		1.42
D62077 (447692)		1.58

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19B506409

PROJECT: AGAT00742

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 05, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D62078 (447693)		1.58
D62079 (447694)		1.50
D62080 (447695)		1.51
D62081 (447696)		0.98
D62082 (447697)		1.62
D62083 (447698)		2.20
D62084 (447699)		1.74
D62085 (447700)		1.39
D62086 (447701)		0.10
D62087 (447702)		0.72
D62088 (447703)		2.12
D62089 (447704)		2.45
D62090 (447705)		2.18
D62091 (447706)		2.20
D62092 (447707)		0.67
D62093 (447708)		1.88
D62094 (447709)		2.17
D62095 (447710)		3.36
D62096 (447711)		2.37
D62097 (447712)		1.61
D62098 (447713)		1.61
D62099 (447714)		1.36
D62100 (447715)		3.40
D62101 (447716)		3.05
D62102 (447717)		3.12
D62103 (447718)		3.21
D62104 (447719)		3.31
D62105 (447720)		1.03
D62106 (447721)		0.10
D62107 (447722)		0.67
D62108 (447723)		1.54

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19B506409

PROJECT: AGAT00742

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 05, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D62109 (447724)		0.81
D62110 (447725)		2.58
D62111 (447726)		3.24
D62112 (447727)		0.60
D62113 (447728)		2.74
D62114 (447729)		3.04
D62115 (447730)		1.09
D62116 (447731)		2.10
D62117 (447732)		2.06
D62118 (447733)		2.06

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506409

PROJECT: AGAT00742

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 05, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D62047 (447662)		0.9	6.81	14	788	5.9	<1	2.16	<0.5	23	8.7	241	19.7	2.25	22
D62048 (447663)		<0.5	2.05	<1	577	5.7	<1	6.28	<0.5	82	64.8	619	124	7.93	19
D62049 (447664)		0.6	2.30	25	304	10.0	<1	5.69	<0.5	76	55.1	495	92.4	7.08	15
D62050 (447665)		<0.5	7.40	6	556	2.0	<1	1.66	<0.5	19	3.4	179	11.1	1.30	20
D62051 (447666)		<0.5	7.78	3	526	1.1	<1	1.82	<0.5	14	4.0	187	5.9	1.36	22
D62052 (447667)		<0.5	0.13	2	18	<0.5	<1	29.4	<0.5	2	0.7	23.1	<0.5	0.10	6
D62053 (447668)		<0.5	7.96	1	455	0.8	<1	1.88	<0.5	19	2.7	193	3.2	1.24	20
D62054 (447669)		<0.5	6.92	<1	572	0.9	<1	4.62	<0.5	15	1.4	91.5	0.7	0.97	19
D62055 (447670)		<0.5	7.58	3	746	0.8	<1	1.60	<0.5	17	1.8	100	5.9	1.00	18
D62056 (447671)		<0.5	7.63	1	516	0.8	<1	1.79	<0.5	18	2.3	163	3.8	1.22	19
D62057 (447672)		<0.5	7.77	<1	359	0.7	<1	1.81	<0.5	17	3.0	130	3.9	1.38	21
D62058 (447673)		<0.5	7.82	<1	382	0.7	<1	1.83	<0.5	16	2.9	181	3.1	1.44	20
D62059 (447674)		<0.5	7.46	<1	428	0.8	<1	1.76	<0.5	22	2.7	151	1.3	1.21	20
D62060 (447675)		<0.5	7.47	2	396	0.8	<1	1.76	<0.5	27	3.0	153	31.2	1.42	18
D62061 (447676)		<0.5	7.40	3	438	0.9	<1	1.75	<0.5	28	1.7	184	4.8	1.16	18
D62062 (447677)		<0.5	7.69	<1	420	0.9	<1	1.80	<0.5	52	1.6	116	3.0	1.30	18
D62063 (447678)		0.7	7.33	4	452	2.5	<1	1.73	<0.5	44	2.1	114	3.2	1.37	19
D62064 (447679)		<0.5	3.83	19	596	7.1	<1	7.25	<0.5	147	36.8	311	74.1	5.92	20
D62065 (447680)		0.6	7.34	3	312	1.3	<1	1.86	<0.5	28	2.2	152	3.2	1.33	19
D62066 (447681)		3.5	5.11	10	250	0.6	<1	7.25	<0.5	19	9.0	24.0	38.3	2.55	14
D62067 (447682)		<0.5	7.43	<1	631	0.8	<1	1.71	<0.5	43	3.0	184	17.2	1.41	20
D62068 (447683)		<0.5	7.27	<1	1090	0.7	<1	1.44	<0.5	13	5.0	173	51.9	1.97	23
D62069 (447684)		<0.5	7.27	3	1230	0.7	<1	1.41	<0.5	12	3.0	150	9.1	1.44	21
D62070 (447685)		<0.5	7.57	1	616	0.8	<1	1.71	<0.5	17	2.6	170	6.4	1.33	18
D62071 (447686)		<0.5	8.03	<1	525	1.0	<1	2.06	<0.5	29	3.8	142	1.6	1.66	22
D62072 (447687)		<0.5	0.13	<1	18	<0.5	<1	33.4	<0.5	2	1.3	15.6	0.7	0.21	7
D62073 (447688)		<0.5	7.76	<1	811	1.1	<1	1.92	<0.5	30	3.4	163	1.7	1.52	20
D62074 (447689)		<0.5	6.74	<1	329	0.8	<1	6.86	<0.5	28	3.1	90.8	4.6	1.32	20
D62075 (447690)		<0.5	7.73	<1	699	0.9	<1	1.86	<0.5	23	2.6	176	1.6	1.43	20
D62076 (447691)		<0.5	7.82	5	1550	1.8	<1	2.33	<0.5	35	6.1	126	10.1	1.91	22
D62077 (447692)		<0.5	1.74	<1	631	9.7	<1	7.25	<0.5	95	62.8	504	83.5	7.08	13
D62078 (447693)		<0.5	1.65	<1	723	9.3	<1	7.26	<0.5	103	64.6	503	82.5	7.18	14

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506409

PROJECT: AGAT00742

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019	DATE RECEIVED: Aug 16, 2019							DATE REPORTED: Sep 05, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D62079 (447694)	<0.5	7.72	<1	740	1.4	<1	1.98	<0.5	37	5.8	150	9.0	1.88	23	
D62080 (447695)	<0.5	7.22	3	779	2.1	<1	2.87	<0.5	37	15.0	169	16.4	2.76	24	
D62081 (447696)	<0.5	7.55	<1	454	1.0	<1	1.87	<0.5	19	2.4	196	3.6	1.12	19	
D62082 (447697)	<0.5	7.85	<1	319	0.9	<1	2.03	<0.5	34	4.2	146	1.9	1.66	22	
D62083 (447698)	<0.5	8.10	2	364	0.9	<1	2.05	<0.5	29	3.8	131	2.1	1.61	22	
D62084 (447699)	<0.5	7.98	2	622	1.1	<1	2.00	<0.5	31	3.5	137	2.2	1.57	22	
D62085 (447700)	<0.5	7.63	<1	433	1.1	<1	2.25	<0.5	39	5.8	159	10.1	1.86	23	
D62086 (447701)	<0.5	6.86	<1	140	<0.5	<1	6.65	<0.5	6	42.8	182	152	7.95	21	
D62087 (447702)	<0.5	6.40	1	421	2.4	<1	3.53	<0.5	62	16.6	293	17.2	3.26	22	
D62088 (447703)	<0.5	8.03	<1	356	0.7	<1	2.07	<0.5	35	4.9	139	10.9	2.09	22	
D62089 (447704)	<0.5	7.67	<1	474	0.8	<1	1.85	<0.5	26	2.6	139	5.1	1.35	20	
D62090 (447705)	<0.5	7.47	<1	583	0.9	<1	1.74	<0.5	20	2.3	122	3.9	1.23	19	
D62091 (447706)	<0.5	7.51	<1	524	1.0	<1	1.80	<0.5	15	2.6	101	1.7	1.15	19	
D62092 (447707)	<0.5	0.07	<1	13	<0.5	<1	29.4	<0.5	2	1.1	12.2	<0.5	0.11	6	
D62093 (447708)	<0.5	7.74	3	522	0.8	<1	2.06	<0.5	17	2.6	138	6.8	1.32	19	
D62094 (447709)	<0.5	7.81	<1	362	0.9	<1	1.92	<0.5	17	3.0	160	1.6	1.24	20	
D62095 (447710)	<0.5	7.43	<1	380	0.9	<1	1.73	<0.5	21	2.2	110	2.3	1.18	19	
D62096 (447711)	<0.5	7.74	<1	589	0.9	<1	1.75	<0.5	18	2.3	138	1.4	1.10	20	
D62097 (447712)	<0.5	7.46	1	581	1.0	<1	1.59	<0.5	16	2.6	183	1.2	1.12	20	
D62098 (447713)	<0.5	7.61	4	636	1.0	<1	1.61	<0.5	15	2.5	121	2.1	1.19	19	
D62099 (447714)	<0.5	7.22	<1	1150	0.8	<1	1.32	<0.5	6	1.2	89.0	4.6	0.68	17	
D62100 (447715)	<0.5	7.83	2	509	1.0	<1	1.75	<0.5	21	2.6	143	5.2	1.38	21	
D62101 (447716)	<0.5	7.73	<1	950	0.9	<1	1.58	<0.5	14	2.6	128	27.3	1.21	20	
D62102 (447717)	<0.5	7.76	<1	387	0.9	<1	1.84	<0.5	33	2.6	109	8.4	1.27	20	
D62103 (447718)	<0.5	7.55	<1	568	0.9	<1	1.79	<0.5	8	4.1	138	42.1	1.36	20	
D62104 (447719)	<0.5	8.04	<1	460	1.0	<1	2.04	<0.5	17	3.5	142	23.8	1.39	21	
D62105 (447720)	<0.5	7.52	2	447	1.1	<1	1.80	<0.5	55	2.1	144	3.4	1.19	19	
D62106 (447721)	<0.5	7.13	<1	193	<0.5	<1	6.47	<0.5	19	43.5	186	108	7.99	23	
D62107 (447722)	<0.5	4.79	6	326	5.1	<1	5.72	<0.5	65	34.5	330	47.1	4.11	19	
D62108 (447723)	<0.5	7.28	2	793	0.9	<1	1.62	<0.5	27	2.1	106	7.8	1.13	19	
D62109 (447724)	<0.5	7.06	<1	983	0.8	<1	1.48	<0.5	16	1.6	160	2.5	0.82	16	
D62110 (447725)	<0.5	7.76	<1	420	0.9	<1	1.92	<0.5	28	2.9	117	2.1	1.38	21	

Certified By: \_\_\_\_\_

*Sherin Hoossaf*





## Certificate of Analysis

AGAT WORK ORDER: 19B506409

PROJECT: AGAT00742

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019		DATE RECEIVED: Aug 16, 2019						DATE REPORTED: Sep 05, 2019				SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D62111 (447726)		<0.5	7.74	<1	714	0.9	<1	1.78	<0.5	33	2.8	138	7.4	1.18	20
D62112 (447727)		<0.5	0.08	2	16	<0.5	<1	32.1	<0.5	2	0.8	13.2	<0.5	0.09	7
D62113 (447728)		<0.5	7.60	1	476	1.8	<1	2.37	<0.5	25	4.4	98.8	8.0	1.65	21
D62114 (447729)		<0.5	3.10	<1	821	1.2	<1	7.67	<0.5	102	70.1	627	130	9.94	20
D62115 (447730)		<0.5	7.30	<1	534	1.9	<1	1.84	<0.5	19	2.8	135	5.2	1.33	21
D62116 (447731)		<0.5	7.70	<1	332	0.9	<1	1.90	<0.5	38	3.3	138	1.8	1.31	21
D62117 (447732)		<0.5	7.90	<1	548	1.2	<1	1.83	<0.5	17	3.6	140	2.8	1.32	22
D62118 (447733)		<0.5	7.79	<1	532	1.3	<1	1.81	<0.5	16	3.6	157	2.8	1.38	23

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 05, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D62047 (447662)		<1	1.57	12	47	1.32	282	9.4	4.39	56.7	1220	<20	<50	0.04	<1
D62048 (447663)		<1	2.06	42	51	9.52	1160	<0.5	2.07	533	113	<20	<50	0.08	<1
D62049 (447664)		<1	2.22	39	123	8.13	1060	3.0	2.56	440	389	<20	<50	0.09	<1
D62050 (447665)		<1	0.86	9	25	0.54	166	13.5	4.70	18.3	392	<20	<50	0.03	<1
D62051 (447666)		<1	1.22	8	23	0.49	194	11.3	4.25	11.5	255	<20	<50	0.02	<1
D62052 (447667)		1	0.02	<2	<1	2.35	57	1.1	0.09	0.6	73	<20	<50	0.02	<1
D62053 (447668)		<1	1.28	10	17	0.29	174	12.3	4.27	2.8	248	<20	<50	0.02	<1
D62054 (447669)		<1	1.59	8	13	0.41	138	7.0	3.55	1.5	175	<20	<50	<0.01	<1
D62055 (447670)		<1	1.73	9	11	0.21	141	11.9	3.88	2.2	193	<20	<50	0.01	<1
D62056 (447671)		<1	1.26	10	17	0.28	166	11.6	4.08	3.1	231	<20	<50	0.02	<1
D62057 (447672)		<1	1.06	9	24	0.31	179	12.1	4.16	3.6	231	<20	<50	0.01	<1
D62058 (447673)		<1	1.11	8	25	0.32	182	12.6	4.03	3.5	227	<20	<50	0.01	<1
D62059 (447674)		<1	1.28	11	14	0.27	161	12.4	4.03	3.3	258	<20	<50	0.02	<1
D62060 (447675)		<1	1.04	14	15	0.28	160	12.7	4.01	1.8	248	<20	<50	0.06	<1
D62061 (447676)		<1	1.27	14	13	0.24	147	13.6	3.94	2.6	257	<20	<50	0.02	<1
D62062 (447677)		<1	1.16	27	11	0.24	155	11.6	4.14	1.8	254	<20	<50	0.01	<1
D62063 (447678)		<1	1.06	24	17	0.32	177	11.9	4.36	5.8	263	<20	<50	0.02	<1
D62064 (447679)		<1	2.87	72	100	5.18	1140	4.4	2.28	181	2150	<20	<50	0.08	<1
D62065 (447680)		<1	0.82	15	12	0.29	180	10.7	4.23	2.8	417	<20	<50	0.02	<1
D62066 (447681)		<1	1.50	9	36	0.97	621	1.5	1.30	12.6	612	<20	<50	0.37	<1
D62067 (447682)		<1	1.53	23	15	0.29	179	12.7	3.82	3.2	294	<20	<50	0.04	<1
D62068 (447683)		<1	2.41	6	24	0.42	264	12.7	3.47	2.5	346	<20	<50	0.11	<1
D62069 (447684)		<1	2.80	6	13	0.31	208	10.9	3.35	1.9	274	<20	<50	0.02	<1
D62070 (447685)		<1	1.54	8	14	0.26	170	12.7	3.88	2.1	300	<20	<50	0.02	<1
D62071 (447686)		<1	1.30	14	20	0.39	227	11.4	4.23	2.3	442	<20	<50	0.02	<1
D62072 (447687)		<1	0.02	<2	<1	2.04	71	0.6	0.07	0.9	65	<20	<50	0.07	2
D62073 (447688)		<1	1.66	14	13	0.36	198	10.7	4.03	2.4	488	<20	<50	0.02	<1
D62074 (447689)		<1	0.95	12	10	0.59	178	6.0	3.63	0.9	416	<20	<50	0.03	<1
D62075 (447690)		<1	1.40	11	10	0.30	176	12.3	4.06	1.7	388	<20	<50	0.02	<1
D62076 (447691)		<1	1.61	16	44	0.84	266	9.1	4.29	22.9	773	<20	<50	0.04	<1
D62077 (447692)		<1	2.25	47	317	7.97	1260	1.7	1.83	470	895	<20	<50	0.13	<1
D62078 (447693)		<1	2.18	50	299	7.93	1250	1.6	1.81	491	969	<20	<50	0.13	<1

Certified By:



## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019	DATE RECEIVED: Aug 16, 2019					DATE REPORTED: Sep 05, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D62079 (447694)	<1	1.69	17	35	0.68	265	9.7	4.18	16.7	686	<20	<50	0.03	<1	
D62080 (447695)	<1	2.01	18	105	1.59	441	7.8	4.03	77.5	432	<20	<50	0.03	<1	
D62081 (447696)	<1	1.01	9	16	0.21	144	13.7	4.06	2.4	232	<20	<50	0.01	<1	
D62082 (447697)	<1	1.06	15	21	0.38	230	12.3	4.10	2.6	487	<20	<50	0.01	<1	
D62083 (447698)	<1	1.06	13	18	0.34	221	11.9	4.27	2.0	434	<20	<50	0.01	<1	
D62084 (447699)	<1	1.99	14	17	0.40	230	12.2	4.02	3.3	394	<20	<50	0.01	<1	
D62085 (447700)	<1	1.02	18	26	0.57	257	10.4	4.23	10.8	600	<20	<50	0.03	<1	
D62086 (447701)	<1	0.19	5	12	4.11	1350	<0.5	2.26	85.0	387	<20	<50	0.15	<1	
D62087 (447702)	<1	1.17	28	77	2.24	555	9.9	3.74	98.2	1130	<20	<50	0.06	<1	
D62088 (447703)	<1	1.09	16	31	0.47	259	9.9	4.08	3.7	541	<20	<50	0.04	<1	
D62089 (447704)	<1	1.24	12	12	0.29	168	10.6	3.97	2.0	325	<20	<50	0.02	<1	
D62090 (447705)	<1	1.33	10	20	0.25	154	9.5	3.91	2.1	230	<20	<50	0.01	1	
D62091 (447706)	<1	1.30	7	15	0.28	168	11.0	4.16	4.1	200	<20	<50	0.01	<1	
D62092 (447707)	2	0.01	<2	<1	3.07	67	<0.5	0.04	<0.5	93	<20	<50	0.03	<1	
D62093 (447708)	<1	1.51	8	15	0.32	192	10.3	4.07	3.0	233	<20	<50	0.05	<1	
D62094 (447709)	<1	1.16	8	13	0.30	195	11.6	4.31	2.9	252	<20	<50	0.01	<1	
D62095 (447710)	<1	1.20	10	14	0.23	155	8.6	3.97	2.1	202	<20	<50	0.02	<1	
D62096 (447711)	<1	1.44	8	19	0.23	159	11.9	4.16	3.0	176	<20	<50	<0.01	<1	
D62097 (447712)	<1	1.88	7	11	0.26	156	12.9	3.79	3.8	232	<20	<50	0.02	<1	
D62098 (447713)	<1	2.12	7	10	0.27	160	9.6	3.88	3.3	222	<20	<50	0.03	<1	
D62099 (447714)	<1	2.59	3	4	0.15	94	10.6	3.48	2.2	124	<20	<50	0.01	<1	
D62100 (447715)	<1	1.50	10	12	0.30	179	10.7	4.09	3.6	278	<20	<50	0.02	<1	
D62101 (447716)	<1	2.36	6	13	0.29	157	11.1	3.76	3.1	217	<20	<50	0.05	<1	
D62102 (447717)	<1	1.17	16	21	0.26	161	8.8	4.07	2.1	259	<20	<50	0.02	<1	
D62103 (447718)	<1	1.32	4	14	0.31	165	11.5	3.93	5.2	218	<20	<50	0.10	<1	
D62104 (447719)	<1	1.53	8	8	0.40	196	11.3	4.46	7.0	295	<20	<50	0.06	<1	
D62105 (447720)	<1	1.40	26	5	0.25	151	10.4	4.14	2.2	326	<20	<50	0.02	<1	
D62106 (447721)	<1	0.42	11	10	4.15	1310	<0.5	2.37	107	908	<20	<50	0.09	<1	
D62107 (447722)	<1	1.95	31	146	3.71	839	6.3	2.77	245	280	<20	<50	0.07	<1	
D62108 (447723)	<1	1.90	13	13	0.23	137	9.1	3.65	2.2	257	<20	<50	0.03	<1	
D62109 (447724)	<1	2.05	7	6	0.14	95	12.9	3.43	2.4	66	<20	<50	0.01	<1	
D62110 (447725)	<1	1.24	13	16	0.32	174	8.3	4.07	2.3	269	<20	<50	0.01	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506409

PROJECT: AGAT00742

5623 McADAM ROAD  
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TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 05, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D62111 (447726)		<1	1.49	15	17	0.26	152	10.5	4.01	1.7	248	<20	<50	0.02	<1
D62112 (447727)		<1	0.01	<2	<1	2.29	57	<0.5	0.05	<0.5	71	<20	<50	0.02	2
D62113 (447728)		<1	0.91	12	26	0.51	220	6.9	4.53	7.6	396	<20	<50	0.03	<1
D62114 (447729)		<1	2.52	51	27	8.94	1430	1.3	1.18	450	2290	<20	<50	0.19	<1
D62115 (447730)		<1	1.33	8	25	0.45	168	8.9	4.44	7.8	1030	<20	<50	0.03	<1
D62116 (447731)		<1	1.02	19	13	0.31	188	10.9	4.22	5.2	316	<20	<50	0.01	<1
D62117 (447732)		<1	1.47	8	22	0.35	213	10.9	4.18	4.5	260	<20	<50	0.01	<1
D62118 (447733)		<1	1.42	8	21	0.34	211	11.4	4.09	4.6	271	<20	<50	0.01	<1

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 05, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D62047 (447662)	7	<10	<5	545	<10	<10	<5	0.27	<5	<50	58.1	<1	17	45.6
D62048 (447663)	20	<10	<5	559	<10	<10	<5	0.86	<5	<50	179	<1	27	68.9
D62049 (447664)	36	<10	<5	535	<10	<10	<5	0.67	<5	<50	234	<1	22	92.9
D62050 (447665)	3	<10	<5	489	<10	<10	<5	0.14	<5	<50	20.9	<1	5	39.1
D62051 (447666)	3	<10	<5	433	<10	<10	<5	0.13	<5	<50	17.9	<1	3	60.5
D62052 (447667)	<1	<10	<5	65	<10	<10	<5	<0.01	<5	<50	0.7	<1	2	3.7
D62053 (447668)	2	<10	<5	427	<10	<10	<5	0.12	<5	<50	13.3	<1	3	56.9
D62054 (447669)	2	<10	<5	369	<10	<10	<5	0.08	<5	<50	10.5	<1	3	37.6
D62055 (447670)	1	<10	<5	418	<10	<10	<5	0.08	<5	<50	8.7	<1	2	32.7
D62056 (447671)	2	<10	<5	433	<10	<10	<5	0.11	<5	<50	12.1	<1	3	40.8
D62057 (447672)	2	<10	<5	450	<10	<10	<5	0.13	<5	<50	15.8	<1	3	45.8
D62058 (447673)	2	<10	<5	439	<10	<10	<5	0.13	<5	<50	16.3	<1	3	47.5
D62059 (447674)	2	<10	<5	454	<10	<10	<5	0.11	<5	<50	14.9	<1	3	42.7
D62060 (447675)	2	<10	<5	454	<10	<10	<5	0.12	<5	<50	11.7	<1	3	41.0
D62061 (447676)	2	<10	<5	435	<10	<10	<5	0.09	<5	<50	11.4	<1	3	36.6
D62062 (447677)	2	<10	<5	441	<10	<10	<5	0.10	<5	<50	12.8	<1	4	59.7
D62063 (447678)	2	<10	<5	406	<10	<10	<5	0.10	<5	<50	20.0	<1	6	52.6
D62064 (447679)	23	<10	<5	876	<10	<10	<5	0.83	<5	<50	202	<1	32	73.6
D62065 (447680)	2	<10	<5	424	<10	<10	<5	0.11	<5	<50	15.7	<1	5	39.3
D62066 (447681)	10	<10	<5	330	<10	<10	<5	0.26	<5	<50	81.8	<1	10	48.0
D62067 (447682)	2	<10	<5	418	<10	<10	<5	0.11	<5	<50	16.6	<1	4	42.4
D62068 (447683)	3	<10	<5	451	<10	<10	<5	0.18	<5	<50	23.6	<1	3	63.5
D62069 (447684)	2	<10	<5	483	<10	<10	<5	0.13	<5	<50	16.9	<1	3	45.5
D62070 (447685)	2	<10	<5	506	<10	<10	<5	0.12	<5	<50	16.9	<1	4	41.3
D62071 (447686)	3	<10	<5	628	<10	<10	<5	0.17	<5	<50	21.1	<1	5	47.7
D62072 (447687)	<1	<10	<5	72	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	4.0
D62073 (447688)	3	<10	<5	574	<10	<10	<5	0.15	<5	<50	16.4	<1	5	42.0
D62074 (447689)	3	<10	<5	504	<10	<10	<5	0.14	<5	<50	16.3	<1	6	35.5
D62075 (447690)	2	<10	<5	569	<10	<10	<5	0.13	<5	<50	17.1	<1	4	35.3
D62076 (447691)	7	<10	<5	615	<10	<10	<5	0.20	<5	<50	39.9	<1	7	42.0
D62077 (447692)	34	<10	<5	789	<10	<10	<5	0.58	<5	<50	231	<1	23	48.7
D62078 (447693)	31	<10	<5	788	<10	<10	<5	0.56	<5	<50	222	<1	23	47.7

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506409

PROJECT: AGAT00742

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019	DATE RECEIVED: Aug 16, 2019					DATE REPORTED: Sep 05, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D62079 (447694)	5	<10	<5	618	<10	<10	<5	0.21	<5	<50	34.1	<1	7	50.8	
D62080 (447695)	16	<10	<5	606	<10	<10	<5	0.29	<5	<50	93.8	<1	8	41.6	
D62081 (447696)	2	<10	<5	625	<10	<10	<5	0.10	<5	<50	14.1	<1	4	32.5	
D62082 (447697)	4	<10	<5	605	<10	<10	<5	0.18	<5	<50	22.2	<1	7	53.2	
D62083 (447698)	3	<10	<5	682	<10	<10	<5	0.17	<5	<50	18.8	<1	8	48.2	
D62084 (447699)	3	<10	<5	633	<10	<10	<5	0.17	<5	<50	21.6	<1	7	41.1	
D62085 (447700)	4	<10	<5	684	<10	<10	<5	0.21	<5	<50	33.7	<1	7	46.5	
D62086 (447701)	43	<10	<5	106	<10	<10	<5	0.66	<5	<50	296	<1	22	74.8	
D62087 (447702)	7	<10	<5	744	<10	<10	<5	0.34	<5	<50	83.9	<1	13	55.5	
D62088 (447703)	3	<10	<5	700	<10	<10	<5	0.23	<5	<50	30.4	<1	6	62.2	
D62089 (447704)	2	<10	<5	533	<10	<10	<5	0.13	<5	<50	18.3	<1	3	38.9	
D62090 (447705)	2	<10	<5	496	<10	<10	<5	0.10	<5	<50	13.9	<1	3	37.2	
D62091 (447706)	2	<10	<5	436	<10	<10	<5	0.09	<5	<50	14.4	<1	3	29.2	
D62092 (447707)	<1	<10	<5	60	<10	<10	<5	<0.01	<5	<50	2.0	<1	2	4.0	
D62093 (447708)	2	<10	<5	450	<10	<10	<5	0.11	<5	<50	14.8	<1	3	43.9	
D62094 (447709)	2	<10	<5	456	<10	<10	<5	0.11	<5	<50	15.8	<1	3	38.1	
D62095 (447710)	2	<10	<5	413	<10	<10	<5	0.09	<5	<50	12.0	<1	3	35.1	
D62096 (447711)	2	<10	<5	474	<10	<10	<5	0.09	<5	<50	12.5	<1	2	37.0	
D62097 (447712)	2	<10	<5	419	<10	<10	<5	0.10	<5	<50	13.4	<1	3	29.5	
D62098 (447713)	2	<10	<5	431	<10	<10	<5	0.10	<5	<50	13.4	<1	3	30.7	
D62099 (447714)	<1	<10	<5	393	<10	<10	<5	0.05	<5	<50	7.8	<1	2	15.8	
D62100 (447715)	2	<10	<5	437	<10	<10	<5	0.12	<5	<50	15.8	<1	3	39.7	
D62101 (447716)	2	<10	<5	452	<10	<10	<5	0.10	<5	<50	13.4	<1	3	33.3	
D62102 (447717)	2	<10	<5	462	<10	<10	<5	0.11	<5	<50	15.1	<1	3	37.9	
D62103 (447718)	2	<10	<5	467	<10	<10	<5	0.12	<5	<50	15.9	<1	2	39.8	
D62104 (447719)	2	<10	<5	488	<10	<10	<5	0.13	<5	<50	16.7	<1	3	37.8	
D62105 (447720)	2	<10	<5	420	<10	<10	<5	0.09	<5	<50	14.1	<1	4	54.2	
D62106 (447721)	34	<10	<5	240	<10	<10	<5	0.86	<5	<50	238	<1	22	88.6	
D62107 (447722)	21	<10	<5	512	<10	<10	<5	0.40	<5	<50	129	<1	13	28.2	
D62108 (447723)	2	<10	<5	451	<10	<10	<5	0.09	<5	<50	12.6	<1	3	30.9	
D62109 (447724)	1	<10	<5	456	<10	<10	<5	0.06	<5	<50	8.6	<1	1	22.6	
D62110 (447725)	2	<10	<5	481	<10	<10	<5	0.13	<5	<50	17.7	<1	3	43.6	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506409

PROJECT: AGAT00742

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 05, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
D62111 (447726)	2	<10	<5	498	<10	<10	<5	0.11	<5	<50	13.8	<1	3	38.5
D62112 (447727)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	3.9
D62113 (447728)	5	<10	<5	478	<10	<10	<5	0.19	<5	<50	35.5	<1	5	54.4
D62114 (447729)	24	<10	<5	719	<10	<10	<5	2.04	<5	<50	262	<1	23	97.3
D62115 (447730)	4	<10	<5	454	<10	<10	<5	0.17	<5	<50	31.7	<1	5	59.4
D62116 (447731)	2	<10	<5	450	<10	<10	<5	0.11	<5	<50	17.7	<1	4	42.1
D62117 (447732)	3	<10	<5	454	<10	<10	<5	0.12	<5	<50	18.1	<1	3	46.7
D62118 (447733)	3	<10	<5	446	<10	<10	<5	0.12	<5	<50	19.1	<1	3	45.8

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 05, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D62047 (447662)				218
D62048 (447663)				217
D62049 (447664)				245
D62050 (447665)				73
D62051 (447666)				49
D62052 (447667)				<5
D62053 (447668)				65
D62054 (447669)				65
D62055 (447670)				57
D62056 (447671)				60
D62057 (447672)				58
D62058 (447673)				48
D62059 (447674)				68
D62060 (447675)				95
D62061 (447676)				104
D62062 (447677)				108
D62063 (447678)				163
D62064 (447679)				100
D62065 (447680)				127
D62066 (447681)				63
D62067 (447682)				79
D62068 (447683)				53
D62069 (447684)				52
D62070 (447685)				93
D62071 (447686)				101
D62072 (447687)				<5
D62073 (447688)				77
D62074 (447689)				81
D62075 (447690)				80
D62076 (447691)				70
D62077 (447692)				97
D62078 (447693)				136

Certified By:



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CLIENT NAME: GOLDCORP BORDEN LIMITED

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## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019


DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 05, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D62079 (447694)	105
D62080 (447695)	92
D62081 (447696)	67
D62082 (447697)	108
D62083 (447698)	100
D62084 (447699)	88
D62085 (447700)	116
D62086 (447701)	53
D62087 (447702)	157
D62088 (447703)	111
D62089 (447704)	81
D62090 (447705)	65
D62091 (447706)	35
D62092 (447707)	<5
D62093 (447708)	44
D62094 (447709)	46
D62095 (447710)	74
D62096 (447711)	43
D62097 (447712)	45
D62098 (447713)	49
D62099 (447714)	38
D62100 (447715)	58
D62101 (447716)	38
D62102 (447717)	58
D62103 (447718)	65
D62104 (447719)	43
D62105 (447720)	60
D62106 (447721)	88
D62107 (447722)	130
D62108 (447723)	58
D62109 (447724)	73
D62110 (447725)	64

Certified By:





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CLIENT NAME: GOLDCORP BORDEN LIMITED

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 05, 2019

SAMPLE TYPE: Drill Core

Analyte:	Unit:	RDL:
Zr	ppm	5
Sample ID (AGAT ID)		
D62111 (447726)		54
D62112 (447727)		<5
D62113 (447728)		83
D62114 (447729)		224
D62115 (447730)		64
D62116 (447731)		68
D62117 (447732)		34
D62118 (447733)		34

Comments: RDL - Reported Detection Limit

447662-447733 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 05, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D62047 (447662)			0.007
D62048 (447663)			0.004
D62049 (447664)			0.002
D62050 (447665)			0.004
D62051 (447666)			0.001
D62052 (447667)			0.001
D62053 (447668)			<0.001
D62054 (447669)			0.003
D62055 (447670)			0.001
D62056 (447671)			<0.001
D62057 (447672)			0.001
D62058 (447673)			<0.001
D62059 (447674)			<0.001
D62060 (447675)			0.002
D62061 (447676)			<0.001
D62062 (447677)			0.001
D62063 (447678)			<0.001
D62064 (447679)			0.002
D62065 (447680)			<0.001
D62066 (447681)			4.59
D62067 (447682)			0.005
D62068 (447683)			0.003
D62069 (447684)			0.002
D62070 (447685)			<0.001
D62071 (447686)			<0.001
D62072 (447687)			0.001
D62073 (447688)			0.001
D62074 (447689)			0.001
D62075 (447690)			<0.001
D62076 (447691)			<0.001
D62077 (447692)			0.002
D62078 (447693)			0.002

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506409

PROJECT: AGAT00742

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 15, 2019      DATE RECEIVED: Aug 16, 2019      DATE REPORTED: Sep 05, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D62079 (447694)		<0.001	
D62080 (447695)		0.001	
D62081 (447696)		0.001	
D62082 (447697)		<0.001	
D62083 (447698)		0.001	
D62084 (447699)		0.004	
D62085 (447700)		0.001	
D62086 (447701)		0.520	
D62087 (447702)		0.002	
D62088 (447703)		<0.001	
D62089 (447704)		0.001	
D62090 (447705)		0.001	
D62091 (447706)		<0.001	
D62092 (447707)		<0.001	
D62093 (447708)		0.001	
D62094 (447709)		0.001	
D62095 (447710)		0.001	
D62096 (447711)		<0.001	
D62097 (447712)		0.001	
D62098 (447713)		0.001	
D62099 (447714)		0.006	
D62100 (447715)		0.001	
D62101 (447716)		<0.001	
D62102 (447717)		<0.001	
D62103 (447718)		<0.001	
D62104 (447719)		0.002	
D62105 (447720)		0.002	
D62106 (447721)		0.344	
D62107 (447722)		0.002	
D62108 (447723)		0.001	
D62109 (447724)		<0.001	
D62110 (447725)		<0.001	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506409

PROJECT: AGAT00742

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 15, 2019      DATE RECEIVED: Aug 16, 2019      DATE REPORTED: Sep 05, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D62111 (447726)			0.002
D62112 (447727)			0.001
D62113 (447728)			<0.001
D62114 (447729)			0.002
D62115 (447730)			<0.001
D62116 (447731)			<0.001
D62117 (447732)			<0.001
D62118 (447733)			<0.001

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506409

PROJECT: AGAT00742

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 05, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL: 0.01
D62047 (447662)	87
D62067 (447682)	80
D62087 (447702)	82
D62107 (447722)	81

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	447664	0.6	0.5	18.2%	447676	< 0.5	< 0.5	0.0%	447686	< 0.5	< 0.5	0.0%	447702	< 0.5	< 0.5	0.0%
Al	447664	2.30	2.11	8.6%	447676	7.40	7.47	0.9%	447686	8.03	7.81	2.8%	447702	6.40	6.67	4.1%
As	447664	25	22	12.8%	447676	3	3	0.0%	447686	< 1	2		447702	1	2	
Ba	447664	304	313	2.9%	447676	438	444	1.4%	447686	525	478	9.4%	447702	421	458	8.4%
Be	447664	9.98	9.70	2.8%	447676	0.9	0.9	0.0%	447686	1.0	1.0	0.0%	447702	2.4	2.4	0.0%
Bi	447664	< 1	< 1	0.0%	447676	< 1	< 1	0.0%	447686	< 1	< 1	0.0%	447702	< 1	< 1	0.0%
Ca	447664	5.69	5.80	1.9%	447676	1.75	1.79	2.3%	447686	2.06	1.99	3.5%	447702	3.53	3.81	7.6%
Cd	447664	< 0.5	< 0.5	0.0%	447676	< 0.5	< 0.5	0.0%	447686	< 0.5	< 0.5	0.0%	447702	< 0.5	< 0.5	0.0%
Ce	447664	76	79	3.9%	447676	28	30	6.9%	447686	29	30	3.4%	447702	62	61	1.6%
Co	447664	55.1	59.4	7.5%	447676	1.72	1.78	3.4%	447686	3.76	3.95	4.9%	447702	16.6	15.6	6.2%
Cr	447664	495	500	1.0%	447676	184	193	4.8%	447686	142	135	5.1%	447702	293	254	14.3%
Cu	447664	92.4	94.9	2.7%	447676	4.83	4.73	2.1%	447686	1.6	2.0	22.2%	447702	17.2	17.2	0.0%
Fe	447664	7.08	7.38	4.1%	447676	1.16	1.15	0.9%	447686	1.66	1.65	0.6%	447702	3.26	3.41	4.5%
Ga	447664	15	15	0.0%	447676	18	18	0.0%	447686	22	22	0.0%	447702	22	22	0.0%
In	447664	< 1	< 1	0.0%	447676	< 1	< 1	0.0%	447686	< 1	< 1	0.0%	447702	< 1	< 1	0.0%
K	447664	2.22	2.16	2.7%	447676	1.27	1.28	0.8%	447686	1.30	1.24	4.7%	447702	1.17	1.21	3.4%
La	447664	39	42	7.4%	447676	14	15	6.9%	447686	14	14	0.0%	447702	28	28	0.0%
Li	447664	123	118	4.1%	447676	13	13	0.0%	447686	20	20	0.0%	447702	77	80	3.8%
Mg	447664	8.13	8.66	6.3%	447676	0.24	0.24	0.0%	447686	0.39	0.39	0.0%	447702	2.24	2.34	4.4%
Mn	447664	1060	1090	2.8%	447676	147	148	0.7%	447686	227	223	1.8%	447702	555	575	3.5%
Mo	447664	2.99	2.61	13.6%	447676	13.6	14.1	3.6%	447686	11.4	10.3	10.1%	447702	9.86	9.52	3.5%
Na	447664	2.56	2.51	2.0%	447676	3.94	3.96	0.5%	447686	4.23	4.16	1.7%	447702	3.74	4.02	7.2%
Ni	447664	440	469	6.4%	447676	2.6	2.4	8.0%	447686	2.3	2.0	14.0%	447702	98.2	95.4	2.9%
P	447664	389	337	14.3%	447676	257	271	5.3%	447686	442	462	4.4%	447702	1130	1120	0.9%
Pb	447664	< 20	< 20	0.0%	447676	< 20	< 20	0.0%	447686	< 20	< 20	0.0%	447702	< 20	< 20	0.0%
Rb	447664	< 50	< 50	0.0%	447676	< 50	< 50	0.0%	447686	< 50	< 50	0.0%	447702	< 50	< 50	0.0%
S	447664	0.094	0.096	2.1%	447676	0.02	0.02	0.0%	447686	0.02	0.02	0.0%	447702	0.06	0.06	0.0%
Sb	447664	< 1	< 1	0.0%	447676	< 1	< 1	0.0%	447686	< 1	< 1	0.0%	447702	< 1	< 1	0.0%
Sc	447664	36	36	0.0%	447676	2	2	0.0%	447686	3	3	0.0%	447702	7	7	0.0%
Se	447664	< 10	< 10	0.0%	447676	< 10	< 10	0.0%	447686	< 10	< 10	0.0%	447702	< 10	< 10	0.0%
Sn	447664	< 5	< 5	0.0%	447676	< 5	< 5	0.0%	447686	< 5	< 5	0.0%	447702	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	447664	535	543	1.5%	447676	435	436	0.2%	447686	628	619	1.4%	447702	744	803	7.6%
Ta	447664	< 10	< 10	0.0%	447676	< 10	< 10	0.0%	447686	< 10	< 10	0.0%	447702	< 10	< 10	0.0%
Te	447664	< 10	< 10	0.0%	447676	< 10	< 10	0.0%	447686	< 10	< 10	0.0%	447702	< 10	< 10	0.0%
Th	447664	< 5	< 5	0.0%	447676	< 5	< 5	0.0%	447686	< 5	< 5	0.0%	447702	< 5	< 5	0.0%
Ti	447664	0.674	0.706	4.6%	447676	0.095	0.095	0.0%	447686	0.17	0.17	0.0%	447702	0.34	0.42	21.1%
Tl	447664	< 5	< 5	0.0%	447676	< 5	< 5	0.0%	447686	< 5	< 5	0.0%	447702	< 5	< 5	0.0%
U	447664	< 50	< 50	0.0%	447676	< 50	< 50	0.0%	447686	< 50	< 50	0.0%	447702	< 50	< 50	0.0%
V	447664	234	228	2.6%	447676	11.4	12.4	8.4%	447686	21.1	21.9	3.7%	447702	83.9	82.4	1.8%
W	447664	< 1	< 1	0.0%	447676	< 1	< 1	0.0%	447686	< 1	< 1	0.0%	447702	< 1	< 1	0.0%
Y	447664	22	22	0.0%	447676	3	3	0.0%	447686	5	5	0.0%	447702	13	13	0.0%
Zn	447664	92.9	93.5	0.6%	447676	36.6	36.1	1.4%	447686	47.7	47.7	0.0%	447702	55.5	58.7	5.6%
Zr	447664	245	229	6.8%	447676	104	98	5.9%	447686	101	101	0.0%	447702	157	149	5.2%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	447711	< 0.5	< 0.5	0.0%	447722	< 0.5	< 0.5	0.0%								
Al	447711	7.74	7.83	1.2%	447722	4.79	4.67	2.5%								
As	447711	< 1	< 1	0.0%	447722	6	5	18.2%								
Ba	447711	589	586	0.5%	447722	326	317	2.8%								
Be	447711	0.9	0.9	0.0%	447722	5.1	5.0	2.0%								
Bi	447711	< 1	< 1	0.0%	447722	< 1	< 1	0.0%								
Ca	447711	1.75	1.74	0.6%	447722	5.72	5.61	1.9%								
Cd	447711	< 0.5	< 0.5	0.0%	447722	< 0.5	< 0.5	0.0%								
Ce	447711	18	24	28.6%	447722	65	63	3.1%								
Co	447711	2.25	2.07	8.3%	447722	34.5	33.5	2.9%								
Cr	447711	138	105	27.2%	447722	330	335	1.5%								
Cu	447711	1.4	1.7	19.4%	447722	47.1	44.7	5.2%								
Fe	447711	1.10	1.21	9.5%	447722	4.11	4.01	2.5%								
Ga	447711	20	19	5.1%	447722	19	18	5.4%								
In	447711	< 1	< 1	0.0%	447722	< 1	< 1	0.0%								
K	447711	1.44	1.50	4.1%	447722	1.95	1.91	2.1%								
La	447711	8	10	22.2%	447722	31	30	3.3%								
Li	447711	19	21	10.0%	447722	146	143	2.1%								
Mg	447711	0.233	0.251	7.4%	447722	3.71	3.63	2.2%								
Mn	447711	159	166	4.3%	447722	839	817	2.7%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	447711	11.9	10.0	17.4%	447722	6.27	6.19	1.3%								
Na	447711	4.16	4.06	2.4%	447722	2.77	2.69	2.9%								
Ni	447711	3.01	2.31	26.3%	447722	245	239	2.5%								
P	447711	176	191	8.2%	447722	280	274	2.2%								
Pb	447711	< 20	< 20	0.0%	447722	< 20	< 20	0.0%								
Rb	447711	< 50	< 50	0.0%	447722	< 50	< 50	0.0%								
S	447711	< 0.01	0.01		447722	0.065	0.062	4.7%								
Sb	447711	< 1	< 1	0.0%	447722	< 1	< 1	0.0%								
Sc	447711	2	2	0.0%	447722	21	21	0.0%								
Se	447711	< 10	< 10	0.0%	447722	< 10	< 10	0.0%								
Sn	447711	< 5	< 5	0.0%	447722	< 5	< 5	0.0%								
Sr	447711	474	464	2.1%	447722	512	503	1.8%								
Ta	447711	< 10	< 10	0.0%	447722	< 10	< 10	0.0%								
Te	447711	< 10	< 10	0.0%	447722	< 10	< 10	0.0%								
Th	447711	< 5	< 5	0.0%	447722	< 5	< 5	0.0%								
Ti	447711	0.09	0.10	10.5%	447722	0.395	0.371	6.3%								
Tl	447711	< 5	< 5	0.0%	447722	< 5	< 5	0.0%								
U	447711	< 50	< 50	0.0%	447722	< 50	< 50	0.0%								
V	447711	12.5	12.5	0.0%	447722	129	128	0.8%								
W	447711	< 1	< 1	0.0%	447722	< 1	< 1	0.0%								
Y	447711	2	2	0.0%	447722	13	13	0.0%								
Zn	447711	37.0	39.7	7.0%	447722	28.2	28.2	0.0%								
Zr	447711	43	55	24.5%	447722	130	130	0.0%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	447664	0.002	0.003	40.0%	447676	< 0.001	0.001		447686	< 0.001	< 0.001	0.0%	447702	0.002	0.002	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	447711	< 0.001	< 0.001	0.0%	447722	0.002	0.006									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP7M)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	3.16	104%	90% - 110%
Al	10.95	10.61	97%	90% - 110%	8.17	7.97	98%	90% - 110%	6.96	6.54	94%	90% - 110%	4.75	4.58	96%	90% - 110%
As					26	25	96%	90% - 110%	124	118	95%	90% - 110%				
Ba	340	340	100%	90% - 110%	540	526	97%	90% - 110%	186	182	98%	90% - 110%	216	218	101%	90% - 110%
Be	2.6	2.5	96%	90% - 110%	4.0	2.9	72%	90% - 110%								
Ca	5.72	5.54	97%	90% - 110%	0.907	0.897	99%	90% - 110%	4.01	3.87	97%	90% - 110%	10	9	91%	90% - 110%
Ce	122	118	96%	90% - 110%	98	99	101%	90% - 110%	24	23	95%	90% - 110%				
Co									22.1	22	99%	90% - 110%	191	176	92%	90% - 110%
Cr	12	11	91%	90% - 110%	60.3	59.2	98%	90% - 110%					670	614	92%	90% - 110%
Cu					150	152	101%	90% - 110%	88.6	84.6	95%	90% - 110%	7120	7287	102%	90% - 110%
Fe	4.34	4.23	98%	90% - 110%	3.77	3.79	100%	90% - 110%	7.56	7.44	98%	90% - 110%	12.71	11.92	94%	90% - 110%
Ga	35	34	96%	90% - 110%												
K	1.37	1.36	99%	90% - 110%					2.021	1.952	97%	90% - 110%	0.1021	0.1049	103%	90% - 110%
La	58	53	91%	90% - 110%	44	43	99%	90% - 110%					8.47	9.21	109%	90% - 110%
Li	37	39	105%	90% - 110%	47	48	102%	90% - 110%								
Mg	0.325	0.294	91%	90% - 110%	1.10	1.06	97%	90% - 110%	2.412	2.295	95%	90% - 110%	7.41	6.81	92%	90% - 110%
Mn					780	748	96%	90% - 110%	1510	1403	93%	90% - 110%				
Mo					14	13	92%	90% - 110%								
Na	5.267	5.381	102%	90% - 110%	1.624	1.733	107%	90% - 110%	0.617	0.638	103%	90% - 110%	0.112	0.122	109%	90% - 110%
Ni					32	30	94%	90% - 110%	77.1	70.7	92%	90% - 110%	2480	2276	91%	90% - 110%
P					750	727	97%	90% - 110%	892	910	102%	90% - 110%	731	698	96%	90% - 110%
Pb					31	29	93%	90% - 110%								
S									0.348	0.318	91%	90% - 110%				
Sc	1.1	0.8	75%	90% - 110%	12	12	98%	90% - 110%					21.33	21.16	99%	90% - 110%
Sr	1191	1116	94%	90% - 110%	144	146	101%	90% - 110%	92.8	86.1	93%	90% - 110%	39	36	92%	90% - 110%
Ti	0.172	0.167	97%	90% - 110%	0.53	0.50	94%	90% - 110%					0.419	0.4	95%	90% - 110%
V					77	75	97%	90% - 110%					158	153	97%	90% - 110%
Y	119	117	98%	90% - 110%									12.67	12.92	102%	90% - 110%
Zn	93	90	96%	90% - 110%	130	121	93%	90% - 110%	208	196	94%	90% - 110%	112	104	93%	90% - 110%
Zr													35.7	34.5	97%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP7M)				CRM #4 (ref.1P5R)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.27	5.37	102%	90% - 110%	6.87	6.66	97%	90% - 110%	0.725	0.688	95%	90% - 110%	1.81	1.87	103%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00742  
 SAMPLING SITE:

AGAT WORK ORDER: 19B506409  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00741

AGAT WORK ORDER: 19B506410

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Sep 10, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

# Certificate of Analysis

AGAT WORK ORDER: 19B506410

PROJECT: AGAT00741

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 10, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D62195 (447734)		3.34
D62196 (447735)		3.43
D62197 (447736)		3.35
D62198 (447737)		3.35
D62199 (447738)		3.44
D62200 (447739)		2.93
D62201 (447740)		0.61
D62202 (447741)		2.92
D62203 (447742)		3.30
D62204 (447743)		3.06
D62205 (447744)		3.06
D62206 (447745)		0.10
D62207 (447746)		3.49
D62208 (447747)		2.22
D62209 (447748)		3.26
D62210 (447749)		0.63
D62211 (447750)		2.63
D62212 (447751)		0.68
D62213 (447752)		3.39
D62214 (447753)		3.26
D62215 (447754)		3.13
D62216 (447755)		3.21
D62217 (447756)		1.23
D62218 (447757)		1.23
D62219 (447758)		0.66
D62220 (447759)		2.55
D62221 (447760)		3.24
D62222 (447761)		3.16
D62223 (447762)		3.38
D62224 (447763)		3.19
D62225 (447764)		0.72

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19B506410

PROJECT: AGAT00741

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 15, 2019      DATE RECEIVED: Aug 16, 2019      DATE REPORTED: Sep 10, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D62226 (447765)		0.09
D62227 (447766)		2.54
D62228 (447767)		3.44
D62229 (447768)		3.32
D62230 (447769)		3.22
D62231 (447770)		3.19
D62232 (447771)		0.75
D62233 (447772)		3.15
D62234 (447773)		3.00
D62235 (447774)		1.19
D62236 (447775)		1.06
D62237 (447776)		1.11
D62238 (447777)		1.11
D62239 (447778)		1.99
D62240 (447779)		1.67
D62241 (447780)		3.32
D62242 (447781)		2.32
D62243 (447782)		0.73
D62244 (447783)		1.48
D62245 (447784)		1.81
D62246 (447785)		0.10
D62247 (447786)		2.84
D62248 (447787)		2.50
D62249 (447788)		1.61
D62250 (447789)		1.89
D62251 (447790)		3.28
D62252 (447791)		0.64
D62253 (447792)		3.50
D62254 (447793)		3.48
D62255 (447794)		3.34
D62256 (447795)		0.69

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506410

PROJECT: AGAT00741

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 10, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D62257 (447796)		2.99
D62258 (447797)		2.99
D62259 (447798)		3.42
D62260 (447799)		3.77
D62261 (447800)		3.60
D62262 (447801)		3.39
D62263 (447802)		3.49
D62264 (447803)		0.80
D62265 (447804)		0.73
D62266 (447805)		0.09

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19B506410

PROJECT: AGAT00741

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MISSISSAUGA, ONTARIO  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 10, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D62195 (447734)		<0.5	7.04	<1	393	1.0	<1	1.76	<0.5	97	3.9	54.1	9.9	2.35	16
D62196 (447735)		<0.5	6.93	<1	313	1.0	<1	1.84	<0.5	59	5.1	72.0	18.1	2.31	17
D62197 (447736)		<0.5	6.81	<1	355	0.9	<1	1.80	<0.5	49	4.5	75.4	8.0	2.57	17
D62198 (447737)		<0.5	6.95	2	358	0.9	<1	1.87	<0.5	53	4.3	84.0	9.5	2.64	17
D62199 (447738)		<0.5	7.08	<1	316	1.1	<1	1.86	<0.5	54	4.0	75.7	8.6	2.55	16
D62200 (447739)		<0.5	7.18	<1	257	1.3	<1	1.71	<0.5	59	4.0	107	3.4	2.66	18
D62201 (447740)		<0.5	6.73	2	748	0.9	<1	0.77	<0.5	24	2.4	103	4.0	1.26	16
D62202 (447741)		<0.5	7.11	<1	241	1.4	<1	1.70	<0.5	59	4.3	95.3	5.4	2.57	17
D62203 (447742)		<0.5	7.79	<1	624	1.6	<1	1.65	<0.5	25	3.3	56.7	3.6	1.39	21
D62204 (447743)		<0.5	7.43	2	303	1.0	<1	2.30	<0.5	50	5.4	87.7	10.2	2.45	18
D62205 (447744)		<0.5	6.93	<1	299	1.0	<1	1.92	<0.5	54	4.5	103	12.2	2.34	18
D62206 (447745)		<0.5	7.74	<1	187	<0.5	<1	6.58	<0.5	19	43.0	163	110	8.03	23
D62207 (447746)		<0.5	6.88	<1	303	0.9	<1	1.91	<0.5	62	5.0	79.9	10.9	2.45	17
D62208 (447747)		<0.5	6.71	<1	394	1.0	<1	1.77	<0.5	53	4.1	63.7	3.1	2.51	16
D62209 (447748)		<0.5	7.16	<1	315	1.2	<1	1.98	<0.5	59	4.3	84.6	5.5	2.33	18
D62210 (447749)		<0.5	6.42	<1	290	1.3	<1	1.75	<0.5	49	4.0	124	5.5	2.19	15
D62211 (447750)		<0.5	6.79	<1	351	1.2	<1	2.13	<0.5	67	6.5	63.7	5.6	2.57	18
D62212 (447751)		<0.5	0.08	<1	18	<0.5	<1	33.7	<0.5	2	0.9	5.6	<0.5	0.09	7
D62213 (447752)		<0.5	7.31	<1	378	0.9	<1	2.11	<0.5	65	5.4	109	7.1	2.56	18
D62214 (447753)		<0.5	6.99	2	394	1.0	<1	1.77	<0.5	67	4.6	61.5	4.3	2.34	17
D62215 (447754)		<0.5	7.18	<1	355	0.8	<1	2.02	<0.5	58	6.4	77.0	5.0	2.87	19
D62216 (447755)		<0.5	7.00	<1	370	1.0	<1	1.68	<0.5	59	4.3	81.4	9.2	2.44	17
D62217 (447756)		<0.5	7.25	2	333	0.9	<1	1.87	<0.5	62	4.2	97.0	4.3	2.65	17
D62218 (447757)		<0.5	7.17	<1	325	0.9	<1	1.84	<0.5	63	4.4	82.0	3.8	2.61	17
D62219 (447758)		<0.5	5.68	<1	266	0.7	<1	1.48	<0.5	50	3.8	101	2.9	2.16	14
D62220 (447759)		<0.5	6.72	<1	360	0.9	<1	1.64	<0.5	62	4.4	56.2	5.7	2.31	16
D62221 (447760)		<0.5	7.19	<1	369	1.0	<1	1.72	<0.5	67	4.5	79.4	6.3	2.73	17
D62222 (447761)		<0.5	6.91	<1	435	0.9	<1	1.71	<0.5	65	5.5	94.6	15.7	2.51	17
D62223 (447762)		<0.5	6.81	<1	329	1.0	<1	1.80	<0.5	50	4.1	99.6	7.5	2.22	17
D62224 (447763)		<0.5	6.94	<1	310	0.9	<1	1.88	<0.5	50	3.8	92.8	2.7	2.37	17
D62225 (447764)		<0.5	5.73	<1	121	0.7	<1	1.78	<0.5	17	5.0	94.1	28.7	1.77	13
D62226 (447765)		<0.5	7.55	<1	182	<0.5	<1	6.42	<0.5	19	42.7	161	108	7.84	22

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506410

PROJECT: AGAT00741

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019	DATE RECEIVED: Aug 16, 2019							DATE REPORTED: Sep 10, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D62227 (447766)	<0.5	7.00	1	290	0.9	<1	1.94	<0.5	47	3.9	54.7	7.8	2.14	17	
D62228 (447767)	<0.5	6.86	<1	382	0.9	<1	1.88	<0.5	56	4.1	92.0	1.1	2.36	17	
D62229 (447768)	<0.5	6.97	<1	343	0.8	<1	1.98	<0.5	49	4.4	87.8	5.0	2.30	18	
D62230 (447769)	<0.5	7.01	<1	215	0.9	<1	2.10	<0.5	31	3.7	57.7	7.2	2.18	18	
D62231 (447770)	<0.5	7.01	<1	341	0.8	<1	1.99	<0.5	49	4.2	56.1	12.6	2.16	16	
D62232 (447771)	<0.5	0.12	<1	15	<0.5	<1	32.3	<0.5	2	0.9	9.2	<0.5	0.11	8	
D62233 (447772)	<0.5	7.55	<1	484	1.1	<1	2.17	<0.5	45	5.1	49.8	4.6	2.44	19	
D62234 (447773)	<0.5	6.99	<1	358	0.9	<1	2.07	<0.5	46	4.1	60.5	22.4	2.18	17	
D62235 (447774)	<0.5	6.26	2	325	3.6	<1	2.52	<0.5	43	9.3	87.1	43.8	2.41	18	
D62236 (447775)	<0.5	2.26	<1	709	5.1	<1	7.84	<0.5	145	69.5	455	125	9.70	18	
D62237 (447776)	<0.5	6.44	5	314	1.9	<1	2.23	<0.5	40	6.6	144	47.4	2.71	18	
D62238 (447777)	<0.5	6.81	4	327	2.0	<1	2.35	<0.5	40	6.4	134	47.5	2.87	19	
D62239 (447778)	<0.5	6.22	2	210	1.0	<1	2.33	<0.5	18	6.9	92.7	20.3	2.08	17	
D62240 (447779)	<0.5	7.24	<1	223	0.9	<1	4.32	<0.5	22	20.4	120	21.0	7.87	24	
D62241 (447780)	<0.5	6.66	<1	54	<0.5	<1	4.57	<0.5	17	29.2	81.2	54.7	11.5	27	
D62242 (447781)	<0.5	6.89	<1	53	<0.5	<1	4.48	<0.5	19	27.6	59.9	36.6	11.4	26	
D62243 (447782)	<0.5	6.63	<1	150	1.3	<1	2.19	<0.5	49	9.6	136	64.4	3.59	18	
D62244 (447783)	<0.5	7.01	<1	63	<0.5	<1	4.84	<0.5	20	31.2	72.5	32.2	12.3	30	
D62245 (447784)	<0.5	7.34	<1	200	0.7	<1	2.88	<0.5	39	7.9	100	114	2.58	18	
D62246 (447785)	<0.5	7.48	<1	139	<0.5	<1	6.78	<0.5	7	43.3	155	157	8.06	19	
D62247 (447786)	<0.5	8.28	<1	62	<0.5	<1	7.41	<0.5	8	38.7	146	28.7	7.40	22	
D62248 (447787)	<0.5	7.87	<1	75	<0.5	<1	7.42	<0.5	10	37.5	159	70.5	7.17	21	
D62249 (447788)	<0.5	7.85	<1	91	<0.5	<1	6.98	<0.5	7	36.2	164	29.1	8.02	23	
D62250 (447789)	<0.5	7.83	<1	102	<0.5	<1	5.85	<0.5	19	33.7	134	38.4	9.14	25	
D62251 (447790)	<0.5	8.30	<1	174	<0.5	<1	4.18	<0.5	37	17.0	110	48.4	5.93	24	
D62252 (447791)	<0.5	0.08	4	14	<0.5	<1	34.1	<0.5	2	0.8	7.8	<0.5	0.09	6	
D62253 (447792)	<0.5	8.40	<1	158	<0.5	<1	4.85	<0.5	31	20.4	93.3	35.0	6.42	23	
D62254 (447793)	<0.5	8.27	<1	182	<0.5	<1	4.36	<0.5	36	18.1	57.3	48.4	5.76	24	
D62255 (447794)	<0.5	7.57	<1	215	<0.5	<1	5.32	<0.5	24	31.3	152	73.9	8.09	25	
D62256 (447795)	<0.5	10.0	<1	240	1.8	<1	3.34	<0.5	7	6.5	86.1	49.2	1.77	23	
D62257 (447796)	<0.5	8.87	<1	179	<0.5	<1	5.33	<0.5	28	26.7	51.2	48.8	7.69	25	
D62258 (447797)	<0.5	8.71	<1	180	<0.5	<1	5.25	<0.5	24	26.2	48.2	49.9	7.67	25	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506410

PROJECT: AGAT00741

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019		DATE RECEIVED: Aug 16, 2019						DATE REPORTED: Sep 10, 2019				SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D62259 (447798)		<0.5	8.72	<1	195	1.9	<1	5.28	<0.5	29	24.3	69.5	33.4	6.56	24
D62260 (447799)		<0.5	7.04	<1	170	<0.5	<1	6.43	<0.5	11	39.2	130	25.1	11.4	28
D62261 (447800)		<0.5	7.38	<1	75	1.8	<1	6.87	<0.5	8	38.9	47.7	32.7	12.2	27
D62262 (447801)		<0.5	9.77	<1	181	<0.5	<1	6.18	<0.5	32	26.1	53.4	50.7	6.64	26
D62263 (447802)		<0.5	8.58	<1	94	<0.5	<1	6.29	<0.5	18	33.5	51.0	46.8	8.55	25
D62264 (447803)		<0.5	6.95	<1	51	<0.5	<1	6.36	<0.5	6	40.9	45.6	7.4	12.2	29
D62265 (447804)		<0.5	6.28	<1	49	<0.5	<1	5.80	<0.5	9	41.0	71.3	138	11.2	26
D62266 (447805)		<0.5	7.56	<1	189	<0.5	<1	6.53	<0.5	19	41.5	155	106	8.00	21

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506410

PROJECT: AGAT00741

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 10, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D62195 (447734)		<1	1.34	43	14	0.28	314	7.1	3.40	2.5	314	<20	<50	0.05	<1
D62196 (447735)		<1	1.09	25	15	0.28	285	9.7	3.51	3.9	344	<20	<50	0.10	<1
D62197 (447736)		<1	1.10	21	16	0.29	289	12.1	3.46	4.3	302	<20	<50	0.05	<1
D62198 (447737)		<1	1.10	22	16	0.29	294	14.4	3.45	4.3	331	<20	<50	0.05	<1
D62199 (447738)		<1	1.19	22	14	0.31	335	9.2	3.49	3.3	336	<20	<50	0.05	<1
D62200 (447739)		<1	1.18	25	16	0.30	336	13.2	3.53	3.8	306	<20	<50	0.02	<1
D62201 (447740)		<1	4.39	10	13	0.15	138	17.1	2.27	3.0	115	<20	<50	0.02	<1
D62202 (447741)		<1	1.09	25	20	0.29	309	11.9	3.53	3.5	317	<20	<50	0.03	<1
D62203 (447742)		<1	1.28	11	16	0.27	194	8.1	3.86	2.2	236	<20	<50	0.04	<1
D62204 (447743)		<1	1.13	20	15	0.47	327	11.5	3.58	7.3	325	<20	<50	0.07	<1
D62205 (447744)		<1	1.06	21	11	0.37	285	13.9	3.48	5.3	297	<20	<50	0.09	<1
D62206 (447745)		<1	0.44	11	10	4.40	1380	<0.5	2.27	115	836	<20	<50	0.09	<1
D62207 (447746)		<1	0.88	26	13	0.32	285	11.5	3.47	4.8	336	<20	<50	0.08	<1
D62208 (447747)		<1	1.06	21	18	0.31	274	6.9	3.33	3.8	282	<20	<50	0.02	<1
D62209 (447748)		<1	0.94	23	12	0.35	297	12.2	3.81	5.8	290	<20	<50	0.04	<1
D62210 (447749)		<1	0.81	20	12	0.35	286	18.2	3.41	8.5	256	<20	<50	0.04	<1
D62211 (447750)		<1	1.26	28	10	0.56	443	6.0	3.70	14.3	192	<20	<50	0.05	<1
D62212 (447751)		4	0.01	<2	<1	2.38	57	0.6	0.05	<0.5	93	<20	<50	0.02	<1
D62213 (447752)		<1	1.29	27	14	0.37	388	13.1	3.46	5.7	328	<20	<50	0.06	<1
D62214 (447753)		<1	1.48	28	16	0.30	353	7.7	3.32	3.3	291	<20	<50	0.04	<1
D62215 (447754)		<1	1.27	24	20	0.44	409	9.6	3.40	5.6	327	<20	<50	0.04	<1
D62216 (447755)		<1	1.31	24	16	0.29	313	11.5	3.36	3.8	306	<20	<50	0.07	<1
D62217 (447756)		<1	1.20	26	19	0.30	342	11.2	3.49	3.7	331	<20	<50	0.04	<1
D62218 (447757)		<1	1.18	27	19	0.30	336	11.4	3.44	3.7	328	<20	<50	0.04	<1
D62219 (447758)		<1	0.98	21	13	0.25	281	15.0	2.80	3.8	244	<20	<50	0.03	<1
D62220 (447759)		<1	1.31	26	17	0.28	294	7.3	3.23	2.7	307	<20	<50	0.05	<1
D62221 (447760)		<1	1.43	29	18	0.32	377	12.6	3.40	4.1	311	<20	<50	0.05	<1
D62222 (447761)		<1	1.53	27	13	0.30	337	15.1	3.27	4.3	307	<20	<50	0.10	<1
D62223 (447762)		<1	1.21	20	12	0.31	286	12.6	3.39	4.0	296	<20	<50	0.05	<1
D62224 (447763)		<1	0.97	21	14	0.29	258	13.4	3.55	3.7	302	<20	<50	0.03	<1
D62225 (447764)		<1	0.46	6	9	0.24	211	16.0	3.00	6.1	289	<20	<50	0.22	<1
D62226 (447765)		<1	0.43	11	10	4.27	1330	<0.5	2.22	111	820	<20	<50	0.10	<1

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19B506410

PROJECT: AGAT00741

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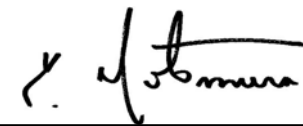
CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019	DATE RECEIVED: Aug 16, 2019					DATE REPORTED: Sep 10, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D62227 (447766)	<1	0.78	20	14	0.28	255	6.4	3.67	2.9	334	<20	<50	0.05	<1	
D62228 (447767)	<1	1.00	23	17	0.29	286	11.6	3.47	3.4	323	<20	<50	0.01	<1	
D62229 (447768)	<1	0.83	19	16	0.30	294	11.0	3.59	3.3	342	<20	<50	0.04	<1	
D62230 (447769)	<1	0.61	12	13	0.30	292	6.8	3.71	3.0	327	<20	<50	0.07	<1	
D62231 (447770)	<1	0.82	20	16	0.32	281	6.3	3.53	2.8	300	<20	<50	0.12	<1	
D62232 (447771)	<1	0.03	<2	1	2.67	56	<0.5	0.04	0.6	90	<20	<50	0.03	<1	
D62233 (447772)	<1	1.46	19	16	0.45	331	5.5	3.64	6.7	419	<20	<50	0.03	<1	
D62234 (447773)	<1	0.95	19	11	0.34	287	6.4	3.51	3.9	332	<20	<50	0.19	<1	
D62235 (447774)	<1	1.75	17	71	0.82	343	7.9	3.19	28.1	273	<20	<50	0.27	<1	
D62236 (447775)	<1	2.29	67	226	8.89	1530	0.9	1.41	475	1170	<20	<50	0.23	<1	
D62237 (447776)	<1	0.89	17	13	0.73	305	16.4	3.34	17.4	376	<20	<50	0.29	<1	
D62238 (447777)	<1	0.94	16	14	0.78	320	18.1	3.49	20.5	387	<20	<50	0.30	<1	
D62239 (447778)	<1	0.41	6	8	0.61	290	11.1	3.21	7.8	312	<20	<50	0.16	<1	
D62240 (447779)	<1	1.48	10	26	2.08	1210	7.4	3.11	31.8	866	<20	<50	0.09	<1	
D62241 (447780)	<1	0.53	9	14	1.87	1650	5.7	2.67	11.0	1130	<20	<50	0.15	<1	
D62242 (447781)	<1	0.33	9	15	1.79	1590	3.6	2.73	10.7	1050	<20	<50	0.08	<1	
D62243 (447782)	<1	0.37	22	17	0.49	432	15.2	3.42	4.9	323	<20	<50	0.09	<1	
D62244 (447783)	<1	0.50	10	22	1.86	1730	4.3	2.60	13.7	1030	<20	<50	0.05	<1	
D62245 (447784)	<1	0.35	16	14	0.56	388	12.0	3.36	8.2	477	<20	<50	0.12	<1	
D62246 (447785)	<1	0.20	5	12	4.35	1410	<0.5	2.22	90.9	416	<20	<50	0.15	<1	
D62247 (447786)	<1	0.29	5	16	4.05	1250	1.6	2.38	71.9	245	<20	<50	0.01	<1	
D62248 (447787)	<1	0.32	6	19	4.40	1310	1.4	2.02	79.9	246	<20	<50	0.01	<1	
D62249 (447788)	<1	0.48	5	30	4.73	1440	4.4	2.10	79.1	348	<20	<50	0.02	<1	
D62250 (447789)	<1	0.44	10	26	2.75	1420	3.9	2.35	70.7	555	<20	<50	0.03	<1	
D62251 (447790)	<1	0.53	16	28	1.19	979	9.1	3.05	14.5	1220	<20	<50	0.04	<1	
D62252 (447791)	3	0.01	<2	<1	1.43	36	<0.5	0.04	0.5	90	<20	<50	0.02	<1	
D62253 (447792)	<1	0.54	14	25	1.73	1110	6.4	2.95	23.2	1210	<20	<50	0.03	<1	
D62254 (447793)	<1	0.56	16	28	1.26	968	4.4	3.04	15.7	1400	<20	<50	0.05	<1	
D62255 (447794)	<1	0.63	11	30	2.72	1140	5.3	2.35	44.8	991	<20	<50	0.20	<1	
D62256 (447795)	<1	0.77	3	27	0.46	235	11.0	4.06	5.7	214	<20	<50	0.12	<1	
D62257 (447796)	<1	0.80	14	31	2.11	1150	2.9	2.74	24.5	1650	<20	<50	0.07	<1	
D62258 (447797)	<1	0.81	11	32	2.08	1150	3.3	2.68	24.4	1660	<20	<50	0.07	<1	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19B506410

PROJECT: AGAT00741

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019	DATE RECEIVED: Aug 16, 2019		DATE REPORTED: Sep 10, 2019				SAMPLE TYPE: Drill Core								
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D62259 (447798)	<1	0.80	14	28	1.87	958	6.3	2.84	26.7	1810	<20	<50	0.05	<1	
D62260 (447799)	<1	0.68	8	32	3.32	1210	2.9	1.88	72.1	759	<20	<50	0.07	<1	
D62261 (447800)	<1	0.53	7	23	2.60	1270	2.6	2.05	26.8	836	<20	<50	0.05	<1	
D62262 (447801)	<1	0.49	15	27	2.20	933	5.3	3.03	33.3	1960	<20	<50	0.04	<1	
D62263 (447802)	<1	0.40	10	27	2.46	1090	3.3	2.39	34.5	1400	<20	<50	0.04	<1	
D62264 (447803)	<1	0.44	6	23	2.68	1300	2.1	1.45	24.6	643	<20	<50	0.02	<1	
D62265 (447804)	<1	0.40	7	25	2.32	1120	5.0	1.36	24.5	567	<20	<50	0.22	<1	
D62266 (447805)	<1	0.43	11	10	4.28	1330	<0.5	2.28	112	937	<20	<50	0.09	<1	

Certified By:



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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 10, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D62195 (447734)	8	<10	<5	129	<10	<10	<5	0.22	<5	<50	16.4	2	31	21.4
D62196 (447735)	8	<10	<5	133	<10	<10	<5	0.23	<5	<50	17.6	3	30	19.2
D62197 (447736)	9	<10	<5	136	<10	<10	<5	0.23	<5	<50	17.7	<1	28	17.7
D62198 (447737)	9	<10	<5	136	<10	<10	<5	0.24	<5	<50	17.7	<1	31	17.0
D62199 (447738)	9	<10	<5	131	<10	<10	<5	0.24	<5	<50	17.1	2	32	21.7
D62200 (447739)	9	<10	<5	123	<10	<10	<5	0.24	<5	<50	16.7	2	32	28.5
D62201 (447740)	2	<10	<5	114	<10	<10	<5	0.11	<5	<50	7.1	1	13	13.7
D62202 (447741)	8	<10	<5	132	<10	<10	<5	0.23	<5	<50	16.7	1	29	25.8
D62203 (447742)	4	<10	<5	177	<10	<10	<5	0.14	<5	<50	13.7	<1	11	21.6
D62204 (447743)	10	<10	<5	180	<10	<10	<5	0.24	<5	<50	24.3	3	28	25.8
D62205 (447744)	8	<10	<5	154	<10	<10	<5	0.22	<5	<50	18.2	2	29	21.1
D62206 (447745)	36	<10	<5	253	<10	<10	<5	0.81	<5	<50	247	1	23	92.8
D62207 (447746)	9	<10	<5	145	<10	<10	<5	0.22	<5	<50	18.2	2	31	20.5
D62208 (447747)	8	<10	<5	145	<10	<10	<5	0.21	<5	<50	18.4	2	27	18.9
D62209 (447748)	8	<10	<5	144	<10	<10	<5	0.21	<5	<50	19.1	2	29	17.4
D62210 (447749)	7	<10	<5	133	<10	<10	<5	0.17	<5	<50	17.8	2	22	14.1
D62211 (447750)	8	<10	<5	157	<10	<10	<5	0.18	<5	<50	25.9	2	20	23.4
D62212 (447751)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	1.8	<1	2	3.4
D62213 (447752)	9	<10	<5	134	<10	<10	<5	0.24	<5	<50	20.0	2	32	28.2
D62214 (447753)	9	<10	<5	132	<10	<10	<5	0.23	<5	<50	17.0	1	29	25.7
D62215 (447754)	10	<10	<5	148	<10	<10	<5	0.26	<5	<50	29.2	<1	31	32.3
D62216 (447755)	8	<10	<5	140	<10	<10	<5	0.23	<5	<50	17.9	<1	31	25.4
D62217 (447756)	9	<10	<5	147	<10	<10	<5	0.24	<5	<50	17.3	<1	33	22.5
D62218 (447757)	9	<10	<5	146	<10	<10	<5	0.24	<5	<50	16.8	<1	32	22.0
D62219 (447758)	6	<10	<5	106	<10	<10	<5	0.21	<5	<50	13.8	<1	23	19.5
D62220 (447759)	8	<10	<5	119	<10	<10	<5	0.22	<5	<50	15.6	<1	29	19.3
D62221 (447760)	9	<10	<5	126	<10	<10	<5	0.24	<5	<50	15.9	<1	31	31.5
D62222 (447761)	9	<10	<5	116	<10	<10	<5	0.23	<5	<50	17.0	2	31	26.8
D62223 (447762)	9	<10	<5	132	<10	<10	<5	0.22	<5	<50	18.1	<1	27	17.6
D62224 (447763)	8	<10	<5	146	<10	<10	<5	0.23	<5	<50	17.7	1	28	17.5
D62225 (447764)	7	<10	<5	121	<10	<10	<5	0.19	<5	<50	12.9	1	20	12.8
D62226 (447765)	36	<10	<5	251	<10	<10	<5	0.79	<5	<50	245	1	22	90.8

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506410

PROJECT: AGAT00741

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 10, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D62227 (447766)	8	<10	<5	142	<10	<10	<5	0.23	<5	<50	17.0	2	29	18.0
D62228 (447767)	9	<10	<5	142	<10	<10	<5	0.23	<5	<50	16.2	2	30	19.0
D62229 (447768)	9	<10	<5	146	<10	<10	<5	0.24	<5	<50	18.2	3	32	19.8
D62230 (447769)	8	<10	<5	169	<10	<10	<5	0.24	<5	<50	18.2	2	28	19.1
D62231 (447770)	8	<10	<5	162	<10	<10	<5	0.24	<5	<50	17.8	<1	30	19.5
D62232 (447771)	2	<10	<5	76	<10	<10	<5	0.01	<5	<50	15.7	<1	4	4.6
D62233 (447772)	8	<10	<5	200	<10	<10	<5	0.20	<5	<50	25.8	2	22	25.6
D62234 (447773)	9	<10	<5	152	<10	<10	<5	0.23	<5	<50	17.9	3	29	30.7
D62235 (447774)	16	<10	<5	189	<10	<10	<5	0.32	<5	<50	72.8	3	23	35.6
D62236 (447775)	50	<10	<5	800	<10	11	<5	2.01	<5	<50	341	3	26	76.2
D62237 (447776)	11	<10	<5	172	<10	<10	<5	0.27	<5	<50	46.6	2	21	92.8
D62238 (447777)	11	<10	<5	183	<10	<10	<5	0.29	<5	<50	47.4	3	21	106
D62239 (447778)	10	<10	<5	223	<10	<10	<5	0.25	<5	<50	30.1	2	22	91.8
D62240 (447779)	27	<10	<5	290	<10	<10	<5	0.65	<5	<50	93.8	3	30	78.3
D62241 (447780)	40	<10	<5	130	<10	<10	<5	0.99	<5	<50	104	3	50	85.6
D62242 (447781)	38	<10	<5	122	<10	<10	<5	0.96	<5	<50	96.6	3	49	82.6
D62243 (447782)	10	<10	<5	146	<10	<10	<5	0.30	<5	<50	28.3	<1	16	28.2
D62244 (447783)	40	<10	<5	124	<10	13	<5	0.98	<5	<50	103	2	50	96.8
D62245 (447784)	12	<10	<5	170	<10	<10	<5	0.30	<5	<50	28.7	2	25	28.1
D62246 (447785)	49	<10	<5	115	<10	<10	<5	0.66	<5	<50	319	3	23	78.0
D62247 (447786)	41	<10	<5	129	<10	<10	<5	0.42	<5	<50	227	2	19	70.0
D62248 (447787)	42	<10	<5	118	<10	<10	<5	0.41	<5	<50	222	2	19	81.9
D62249 (447788)	45	<10	<5	104	<10	<10	<5	0.56	<5	<50	285	3	25	95.9
D62250 (447789)	35	<10	<5	121	<10	<10	<5	0.78	<5	<50	262	<1	32	93.3
D62251 (447790)	22	<10	<5	218	<10	<10	<5	0.73	<5	<50	92.4	2	28	71.0
D62252 (447791)	<1	<10	<5	76	<10	<10	<5	<0.01	<5	<50	2.2	<1	3	3.4
D62253 (447792)	26	<10	<5	235	<10	<10	<5	0.72	<5	<50	109	2	25	82.6
D62254 (447793)	22	<10	<5	223	<10	<10	<5	0.70	<5	<50	91.0	3	25	78.1
D62255 (447794)	32	<10	<5	224	<10	<10	<5	0.85	<5	<50	233	2	26	323
D62256 (447795)	5	<10	<5	295	<10	<10	<5	0.19	<5	<50	45.5	1	6	23.9
D62257 (447796)	28	<10	<5	219	<10	<10	<5	0.91	<5	<50	193	4	25	89.3
D62258 (447797)	28	<10	<5	213	<10	<10	<5	0.94	<5	<50	191	1	25	91.1

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## Certificate of Analysis

AGAT WORK ORDER: 19B506410

PROJECT: AGAT00741

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 10, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D62259 (447798)	26	<10	<5	228	<10	<10	<5	0.83	<5	<50	181	3	24	74.1
D62260 (447799)	45	<10	<5	143	<10	<10	<5	1.20	<5	<50	425	2	30	76.5
D62261 (447800)	47	<10	<5	154	<10	18	<5	1.29	<5	<50	433	3	32	76.2
D62262 (447801)	24	<10	<5	338	<10	<10	<5	0.90	<5	<50	226	3	17	67.6
D62263 (447802)	34	<10	<5	225	<10	<10	<5	1.01	<5	<50	319	3	20	71.4
D62264 (447803)	50	<10	<5	114	<10	11	<5	1.29	<5	<50	452	4	35	78.3
D62265 (447804)	44	<10	<5	103	<10	12	<5	1.16	<5	<50	422	3	34	70.7
D62266 (447805)	36	<10	<5	254	<10	<10	<5	0.85	<5	<50	240	2	22	88.5

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## Certificate of Analysis

AGAT WORK ORDER: 19B506410

PROJECT: AGAT00741

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 10, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D62195 (447734)			108
D62196 (447735)			105
D62197 (447736)			114
D62198 (447737)			113
D62199 (447738)			109
D62200 (447739)			138
D62201 (447740)			81
D62202 (447741)			127
D62203 (447742)			121
D62204 (447743)			77
D62205 (447744)			87
D62206 (447745)			81
D62207 (447746)			82
D62208 (447747)			84
D62209 (447748)			82
D62210 (447749)			76
D62211 (447750)			76
D62212 (447751)			<5
D62213 (447752)			114
D62214 (447753)			112
D62215 (447754)			110
D62216 (447755)			114
D62217 (447756)			122
D62218 (447757)			121
D62219 (447758)			94
D62220 (447759)			109
D62221 (447760)			119
D62222 (447761)			113
D62223 (447762)			96
D62224 (447763)			83
D62225 (447764)			37
D62226 (447765)			76

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# Certificate of Analysis

AGAT WORK ORDER: 19B506410

PROJECT: AGAT00741

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

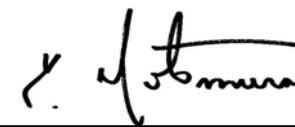
DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 10, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	ppm
	Zr			
				5
D62227 (447766)				80
D62228 (447767)				83
D62229 (447768)				83
D62230 (447769)				72
D62231 (447770)				84
D62232 (447771)				<5
D62233 (447772)				93
D62234 (447773)				73
D62235 (447774)				61
D62236 (447775)				207
D62237 (447776)				67
D62238 (447777)				65
D62239 (447778)				20
D62240 (447779)				74
D62241 (447780)				42
D62242 (447781)				37
D62243 (447782)				122
D62244 (447783)				44
D62245 (447784)				102
D62246 (447785)				58
D62247 (447786)				21
D62248 (447787)				20
D62249 (447788)				22
D62250 (447789)				51
D62251 (447790)				60
D62252 (447791)				<5
D62253 (447792)				35
D62254 (447793)				36
D62255 (447794)				33
D62256 (447795)				38
D62257 (447796)				25
D62258 (447797)				30

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## Certificate of Analysis

AGAT WORK ORDER: 19B506410

PROJECT: AGAT00741

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 10, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
Sample ID (AGAT ID)	RDL:
D62259 (447798)	20
D62260 (447799)	28
D62261 (447800)	25
D62262 (447801)	28
D62263 (447802)	17
D62264 (447803)	16
D62265 (447804)	18
D62266 (447805)	93

Comments: RDL - Reported Detection Limit

447734-447805 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506410

PROJECT: AGAT00741

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 10, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D62195 (447734)		0.011	
D62196 (447735)		0.042	
D62197 (447736)		0.010	
D62198 (447737)		0.011	
D62199 (447738)		0.009	
D62200 (447739)		0.012	
D62201 (447740)		0.039	
D62202 (447741)		0.005	
D62203 (447742)		0.003	
D62204 (447743)		0.007	
D62205 (447744)		0.011	
D62206 (447745)		0.328	
D62207 (447746)		0.008	
D62208 (447747)		0.004	
D62209 (447748)		0.007	
D62210 (447749)		0.007	
D62211 (447750)		0.010	
D62212 (447751)		<0.001	
D62213 (447752)		0.050	
D62214 (447753)		0.008	
D62215 (447754)		0.017	
D62216 (447755)		0.011	
D62217 (447756)		0.018	
D62218 (447757)		0.009	
D62219 (447758)		0.007	
D62220 (447759)		0.013	
D62221 (447760)		0.008	
D62222 (447761)		0.026	
D62223 (447762)		0.006	
D62224 (447763)		0.005	
D62225 (447764)		0.012	
D62226 (447765)		0.338	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506410

PROJECT: AGAT00741

5623 McADAM ROAD  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 15, 2019      DATE RECEIVED: Aug 16, 2019      DATE REPORTED: Sep 10, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D62227 (447766)		0.007	
D62228 (447767)		0.003	
D62229 (447768)		0.005	
D62230 (447769)		0.007	
D62231 (447770)		0.008	
D62232 (447771)		<0.001	
D62233 (447772)		0.008	
D62234 (447773)		0.034	
D62235 (447774)		0.046	
D62236 (447775)		0.003	
D62237 (447776)		0.027	
D62238 (447777)		0.031	
D62239 (447778)		0.026	
D62240 (447779)		0.138	
D62241 (447780)		0.002	
D62242 (447781)		0.002	
D62243 (447782)		0.016	
D62244 (447783)		0.104	
D62245 (447784)		0.007	
D62246 (447785)		0.539	
D62247 (447786)		0.006	
D62248 (447787)		0.017	
D62249 (447788)		0.018	
D62250 (447789)		0.007	
D62251 (447790)		0.003	
D62252 (447791)		<0.001	
D62253 (447792)		0.007	
D62254 (447793)		0.004	
D62255 (447794)		0.004	
D62256 (447795)		0.003	
D62257 (447796)		0.002	
D62258 (447797)		0.003	

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## Certificate of Analysis

AGAT WORK ORDER: 19B506410

PROJECT: AGAT00741

5623 McADAM ROAD  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 10, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au	ppm	0.001	
D62259 (447798)				0.002
D62260 (447799)				<0.001
D62261 (447800)				0.001
D62262 (447801)				0.002
D62263 (447802)				0.002
D62264 (447803)				<0.001
D62265 (447804)				0.004
D62266 (447805)				0.332

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19B506410

PROJECT: AGAT00741

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 10, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D62195 (447734)		83.6
D62196 (447735)		79
D62214 (447753)		77
D62216 (447755)		79
D62236 (447775)		78
D62256 (447795)		90

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:





# Certificate of Analysis

AGAT WORK ORDER: 19B506410

PROJECT: AGAT00741

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 10, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D62195 (447734)		87.09
D62230 (447769)		87.35

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	447734	< 0.5	< 0.5	0.0%	447748	< 0.5	< 0.5	0.0%	447758	< 0.5	< 0.5	0.0%	447773	< 0.5	< 0.5	0.0%
Al	447734	7.04	7.08	0.6%	447748	7.16	7.14	0.3%	447758	5.68	5.61	1.2%	447773	6.99	6.84	2.2%
As	447734	< 1	< 1	0.0%	447748	< 1	< 1	0.0%	447758	< 1	< 1	0.0%	447773	< 1	< 1	0.0%
Ba	447734	393	390	0.8%	447748	315	308	2.2%	447758	266	260	2.3%	447773	358	343	4.3%
Be	447734	1.0	1.0	0.0%	447748	1.19	1.28	7.3%	447758	0.7	0.7	0.0%	447773	0.9	0.9	0.0%
Bi	447734	< 1	< 1	0.0%	447748	< 1	< 1	0.0%	447758	< 1	< 1	0.0%	447773	< 1	< 1	0.0%
Ca	447734	1.76	1.78	1.1%	447748	1.98	1.99	0.5%	447758	1.48	1.43	3.4%	447773	2.07	2.01	2.9%
Cd	447734	< 0.5	< 0.5	0.0%	447748	< 0.5	< 0.5	0.0%	447758	< 0.5	< 0.5	0.0%	447773	< 0.5	< 0.5	0.0%
Ce	447734	97	77	23.0%	447748	59	59	0.0%	447758	50	52	3.9%	447773	46	43	6.7%
Co	447734	3.92	4.41	11.8%	447748	4.32	4.40	1.8%	447758	3.78	3.87	2.4%	447773	4.08	4.15	1.7%
Cr	447734	54.1	56.3	4.0%	447748	84.6	89.5	5.6%	447758	101	122	18.8%	447773	60.5	64.0	5.6%
Cu	447734	9.88	8.82	11.3%	447748	5.50	5.98	8.4%	447758	2.9	2.7	7.1%	447773	22.4	22.2	0.9%
Fe	447734	2.35	2.44	3.8%	447748	2.33	2.33	0.0%	447758	2.16	2.17	0.5%	447773	2.18	2.11	3.3%
Ga	447734	16	18	11.8%	447748	18	17	5.7%	447758	14	14	0.0%	447773	17	17	0.0%
In	447734	< 1	< 1	0.0%	447748	< 1	< 1	0.0%	447758	< 1	< 1	0.0%	447773	< 1	< 1	0.0%
K	447734	1.34	1.36	1.5%	447748	0.94	0.94	0.0%	447758	0.976	0.961	1.5%	447773	0.95	0.93	2.1%
La	447734	43	34	23.4%	447748	23	24	4.3%	447758	21	22	4.7%	447773	19	18	5.4%
Li	447734	14	14	0.0%	447748	12	12	0.0%	447758	13	13	0.0%	447773	11	11	0.0%
Mg	447734	0.277	0.295	6.3%	447748	0.347	0.339	2.3%	447758	0.245	0.243	0.8%	447773	0.336	0.331	1.5%
Mn	447734	314	325	3.4%	447748	297	300	1.0%	447758	281	274	2.5%	447773	287	281	2.1%
Mo	447734	7.1	7.4	4.1%	447748	12.2	12.7	4.0%	447758	15.0	17.9	17.6%	447773	6.4	6.8	6.1%
Na	447734	3.40	3.45	1.5%	447748	3.81	3.73	2.1%	447758	2.80	2.74	2.2%	447773	3.51	3.46	1.4%
Ni	447734	2.5	2.5	0.0%	447748	5.83	5.73	1.7%	447758	3.84	4.39	13.4%	447773	3.87	3.19	19.3%
P	447734	314	299	4.9%	447748	290	277	4.6%	447758	244	242	0.8%	447773	332	362	8.6%
Pb	447734	< 20	< 20	0.0%	447748	< 20	< 20	0.0%	447758	< 20	< 20	0.0%	447773	< 20	< 20	0.0%
Rb	447734	< 50	< 50	0.0%	447748	< 50	< 50	0.0%	447758	< 50	< 50	0.0%	447773	< 50	< 50	0.0%
S	447734	0.05	0.05	0.0%	447748	0.04	0.04	0.0%	447758	0.03	0.03	0.0%	447773	0.194	0.164	16.8%
Sb	447734	< 1	< 1	0.0%	447748	< 1	< 1	0.0%	447758	< 1	< 1	0.0%	447773	< 1	< 1	0.0%
Sc	447734	8	8	0.0%	447748	8	8	0.0%	447758	6	6	0.0%	447773	9	8	11.8%
Se	447734	< 10	< 10	0.0%	447748	< 10	< 10	0.0%	447758	< 10	< 10	0.0%	447773	< 10	< 10	0.0%
Sn	447734	< 5	< 5	0.0%	447748	< 5	< 5	0.0%	447758	< 5	< 5	0.0%	447773	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	447734	129	131	1.5%	447748	144	141	2.1%	447758	106	103	2.9%	447773	152	149	2.0%
Ta	447734	< 10	< 10	0.0%	447748	< 10	< 10	0.0%	447758	< 10	< 10	0.0%	447773	< 10	< 10	0.0%
Te	447734	< 10	< 10	0.0%	447748	< 10	< 10	0.0%	447758	< 10	< 10	0.0%	447773	< 10	< 10	0.0%
Th	447734	< 5	< 5	0.0%	447748	< 5	< 5	0.0%	447758	< 5	< 5	0.0%	447773	< 5	< 5	0.0%
Ti	447734	0.222	0.239	7.4%	447748	0.21	0.21	0.0%	447758	0.207	0.202	2.4%	447773	0.23	0.22	4.4%
Tl	447734	< 5	< 5	0.0%	447748	< 5	< 5	0.0%	447758	< 5	< 5	0.0%	447773	< 5	< 5	0.0%
U	447734	< 50	< 50	0.0%	447748	< 50	< 50	0.0%	447758	< 50	< 50	0.0%	447773	< 50	< 50	0.0%
V	447734	16.4	17.2	4.8%	447748	19.1	18.8	1.6%	447758	13.8	13.9	0.7%	447773	17.9	17.9	0.0%
W	447734	2	< 1		447748	2	3		447758	< 1	< 1	0.0%	447773	3	4	28.6%
Y	447734	31	34	9.2%	447748	29	28	3.5%	447758	23	23	0.0%	447773	29	27	7.1%
Zn	447734	21.4	24.1	11.9%	447748	17.4	16.9	2.9%	447758	19.5	23.4	18.2%	447773	30.7	28.9	6.0%
Zr	447734	108	113	4.5%	447748	82	89	8.2%	447758	94	97	3.1%	447773	73	76	4.0%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	447783	< 0.5	< 0.5	0.0%	447793	< 0.5	< 0.5	0.0%								
Al	447783	7.01	6.89	1.7%	447793	8.27	8.47	2.4%								
As	447783	< 1	< 1	0.0%	447793	< 1	< 1	0.0%								
Ba	447783	63	62	1.6%	447793	182	180	1.1%								
Be	447783	< 0.5	< 0.5	0.0%	447793	< 0.5	< 0.5	0.0%								
Bi	447783	< 1	< 1	0.0%	447793	< 1	< 1	0.0%								
Ca	447783	4.84	4.65	4.0%	447793	4.36	4.36	0.0%								
Cd	447783	< 0.5	< 0.5	0.0%	447793	< 0.5	< 0.5	0.0%								
Ce	447783	20	21	4.9%	447793	36	36	0.0%								
Co	447783	31.2	31.1	0.3%	447793	18.1	18.7	3.3%								
Cr	447783	72.5	86.9	18.1%	447793	57.3	55.7	2.8%								
Cu	447783	32.2	32.0	0.6%	447793	48.4	56.5	15.4%								
Fe	447783	12.3	11.8	4.1%	447793	5.76	6.01	4.2%								
Ga	447783	30	29	3.4%	447793	24	24	0.0%								
In	447783	< 1	< 1	0.0%	447793	< 1	< 1	0.0%								
K	447783	0.50	0.51	2.0%	447793	0.558	0.575	3.0%								
La	447783	10	10	0.0%	447793	16	16	0.0%								
Li	447783	22	22	0.0%	447793	28	28	0.0%								
Mg	447783	1.86	1.85	0.5%	447793	1.26	1.29	2.4%								
Mn	447783	1730	1690	2.3%	447793	968	1000	3.3%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	447783	4.3	5.2	18.9%	447793	4.45	5.28	17.1%								
Na	447783	2.60	2.51	3.5%	447793	3.04	3.04	0.0%								
Ni	447783	13.7	13.9	1.4%	447793	15.7	17.2	9.1%								
P	447783	1030	1090	5.7%	447793	1400	1530	8.9%								
Pb	447783	< 20	< 20	0.0%	447793	< 20	< 20	0.0%								
Rb	447783	< 50	< 50	0.0%	447793	< 50	< 50	0.0%								
S	447783	0.05	0.05	0.0%	447793	0.05	0.05	0.0%								
Sb	447783	< 1	< 1	0.0%	447793	< 1	< 1	0.0%								
Sc	447783	40	39	2.5%	447793	22	22	0.0%								
Se	447783	< 10	< 10	0.0%	447793	< 10	< 10	0.0%								
Sn	447783	< 5	< 5	0.0%	447793	< 5	< 5	0.0%								
Sr	447783	124	120	3.3%	447793	223	222	0.4%								
Ta	447783	< 10	< 10	0.0%	447793	< 10	< 10	0.0%								
Te	447783	13	15	14.3%	447793	< 10	< 10	0.0%								
Th	447783	< 5	< 5	0.0%	447793	< 5	< 5	0.0%								
Ti	447783	0.982	0.964	1.8%	447793	0.703	0.752	6.7%								
Tl	447783	< 5	< 5	0.0%	447793	< 5	< 5	0.0%								
U	447783	< 50	< 50	0.0%	447793	< 50	< 50	0.0%								
V	447783	103	103	0.0%	447793	91.0	89.6	1.6%								
W	447783	2	3		447793	3	3	0.0%								
Y	447783	50	50	0.0%	447793	25	25	0.0%								
Zn	447783	96.8	93.8	3.1%	447793	78.1	81.0	3.6%								
Zr	447783	44	51	14.7%	447793	36	40	10.5%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	447734	0.0114	0.0095	18.2%	447748	0.007	0.006	15.4%	447758	0.007	0.004		447773	0.034	0.029	15.9%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	447783	0.104	0.088	16.7%	447793	0.0042	0.0047	11.2%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GSP7M)				CRM #2 (ref.GSP5G)				CRM #3 (ref.GSP7M)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	3.04	100%	90% - 110%
Al	10.95	11.56	106%	90% - 110%	8.17	8.63	106%	90% - 110%	6.96	7.18	103%	90% - 110%	4.75	4.91	103%	90% - 110%
As					26	24	93%	90% - 110%	124	127	103%	90% - 110%				
Ba	340	336	99%	90% - 110%	540	514	95%	90% - 110%	186	177	95%	90% - 110%	216	205	95%	90% - 110%
Be	2.6	2.8	109%	90% - 110%	4.0	3.2	81%	90% - 110%								
Ca	5.72	5.86	102%	90% - 110%	0.907	0.925	102%	90% - 110%	4.01	3.98	99%	90% - 110%	10	9	93%	90% - 110%
Ce	122	132	108%	90% - 110%	98	108	110%	90% - 110%	24	25	102%	90% - 110%				
Co	2.8	2	73%	90% - 110%					22.1	21.4	97%	90% - 110%	191	185	97%	90% - 110%
Cr					60.3	65.1	108%	90% - 110%					670	632	94%	90% - 110%
Cu					150	152	101%	90% - 110%	88.6	88.6	100%	90% - 110%	7120	7145	100%	90% - 110%
Fe	4.34	4.39	101%	90% - 110%	3.77	3.89	103%	90% - 110%	7.56	7.55	100%	90% - 110%	12.71	11.99	94%	90% - 110%
Ga	35	36	103%	90% - 110%												
K	1.37	1.47	107%	90% - 110%					2.021	2.067	102%	90% - 110%	0.1021	0.1053	103%	90% - 110%
La	58	55	95%	90% - 110%	44	45	102%	90% - 110%					8.47	9.27	109%	90% - 110%
Li	37	39	106%	90% - 110%	47	47	100%	90% - 110%								
Mg	0.325	0.319	98%	90% - 110%	1.10	1.13	102%	90% - 110%	2.412	2.463	102%	90% - 110%	7.41	7.23	98%	90% - 110%
Mn					780	789	101%	90% - 110%	1510	1479	98%	90% - 110%				
Mo					14	13	94%	90% - 110%								
Na	5.267	5.449	103%	90% - 110%	1.624	1.678	103%	90% - 110%	0.617	0.612	99%	90% - 110%	0.112	0.116	103%	90% - 110%
Ni					32	34	105%	90% - 110%	77.1	78.6	102%	90% - 110%	2480	2281	92%	90% - 110%
P					750	807	108%	90% - 110%	892	961	108%	90% - 110%	731	766	105%	90% - 110%
Pb					31	29	93%	90% - 110%								
S									0.348	0.346	99%	90% - 110%				
Sc	1.1	0.9	84%	90% - 110%	12	12	100%	90% - 110%					21.33	23.15	109%	90% - 110%
Sr	1191	1250	105%	90% - 110%	144	156	108%	90% - 110%	92.8	91.2	98%	90% - 110%	39	37	96%	90% - 110%
Ti	0.172	0.17	99%	90% - 110%	0.53	0.48	91%	90% - 110%					0.419	0.395	94%	90% - 110%
V	8	7	91%	90% - 110%	77	82	106%	90% - 110%					158	162	102%	90% - 110%
W					5	5	92%	90% - 110%								
Y	119	126	106%	90% - 110%									12.67	13.61	107%	90% - 110%
Zn	93	95	102%	90% - 110%	130	126	97%	90% - 110%	208	208	100%	90% - 110%	112	104	93%	90% - 110%
Zr													35.7	38	106%	90% - 110%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GSP7M)				CRM #2 (ref.GSP5G)				CRM #3 (ref.GSP7M)				CRM #4 (ref.1P5R)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.725	0.713	98%	90% - 110%	0.562	0.55	98%	90% - 110%	0.725	0.71	98%	90% - 110%	1.81	1.83	101%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00741  
 SAMPLING SITE:

AGAT WORK ORDER: 19B506410  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00740

AGAT WORK ORDER: 19B506411

SOLID ANALYSIS REVIEWED BY: Divya Malik, Lab Technician

DATE REPORTED: Oct 03, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.





## Certificate of Analysis

AGAT WORK ORDER: 19B506411

PROJECT: AGAT00740

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Oct 03, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C66971 (447878)		2.16
C66972 (447879)		0.80
C66973 (447880)		2.37
C66974 (447881)		2.03
C66975 (447882)		0.83
C66976 (447883)		1.36
C66977 (447884)		3.29
C66978 (447885)		3.29
C66979 (447886)		1.84
C66980 (447887)		1.31
C66981 (447888)		3.34
C66982 (447889)		3.30
C66983 (447890)		3.42
C66984 (447891)		2.40
C66985 (447892)		2.00
C66986 (447893)		0.09
C66987 (447894)		2.42
C66988 (447895)		2.28
C66989 (447896)		3.33
C66990 (447897)		2.32
C66991 (447898)		2.19
C66992 (447899)		0.65
C66993 (447900)		1.79
C66994 (447901)		0.87
C66995 (447902)		1.57
C66996 (447903)		1.08
C66997 (447904)		3.21
C66998 (447905)		3.21
C66999 (447906)		1.05
C67000 (447907)		1.71
D62153 (447908)		2.21

Certified By:

*Divy Malik*



## Certificate of Analysis

AGAT WORK ORDER: 19B506411

PROJECT: AGAT00740

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Oct 03, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D62154 (447909)		2.46
D62155 (447910)		1.83
D62156 (447911)		2.20
D62157 (447912)		2.32
D62158 (447913)		2.32
D62159 (447914)		2.36
D62160 (447915)		1.14
D62161 (447916)		1.17
D62162 (447917)		2.30
D62163 (447918)		2.13
D62164 (447919)		1.93
D62165 (447920)		2.50
D62166 (447921)		0.10
D62167 (447922)		2.34
D62168 (447923)		2.77
D62169 (447924)		0.67
D62170 (447925)		1.03
D62171 (447926)		1.83
D62172 (447927)		0.68
D62173 (447928)		0.67
D62174 (447929)		1.98
D62175 (447930)		2.26
D62176 (447931)		2.18
D62177 (447932)		3.34
D62178 (447933)		3.34
D62179 (447934)		3.29
D62180 (447935)		3.33
D62181 (447936)		3.41
D62182 (447937)		3.28
D62183 (447938)		2.86
D62184 (447939)		0.73

Certified By:

*Dinys Malik*

# Certificate of Analysis

AGAT WORK ORDER: 19B506411

PROJECT: AGAT00740

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Oct 03, 2019

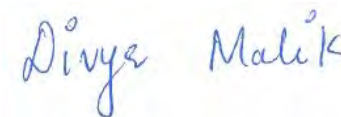
SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D62185 (447940)		1.93
D62186 (447941)		0.09
D62187 (447942)		3.32
D62188 (447943)		2.12
D62189 (447944)		3.12
D62190 (447945)		3.22
D62191 (447946)		2.89
D62192 (447947)		0.78
D62193 (447948)		1.41
D62194 (447949)		3.18

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19B506411

PROJECT: AGAT00740

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Oct 03, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
C66971 (447878)		<0.5	6.88	3	372	1.3	<1	2.45	<0.5	28	0.5	68.4	<0.5	0.68	14
C66972 (447879)		<0.5	0.12	1	18	<0.5	<1	31.8	<0.5	<1	0.6	7.4	<0.5	0.09	<5
C66973 (447880)		<0.5	7.84	3	454	1.2	<1	0.88	<0.5	32	<0.5	63.2	0.9	0.40	16
C66974 (447881)		<0.5	6.93	2	272	1.2	<1	4.14	<0.5	18	1.4	68.3	0.5	0.95	17
C66975 (447882)		<0.5	7.63	<1	294	1.6	<1	1.77	<0.5	56	1.2	104	2.1	1.37	18
C66976 (447883)		0.5	7.23	2	285	1.3	<1	1.90	<0.5	43	1.4	85.2	3.6	2.16	16
C66977 (447884)		<0.5	7.16	<1	503	1.0	<1	1.89	<0.5	41	2.4	125	4.1	1.94	16
C66978 (447885)		<0.5	7.34	2	539	1.0	<1	2.01	<0.5	41	2.5	160	3.5	1.95	16
C66979 (447886)		<0.5	6.80	<1	191	1.0	<1	1.91	<0.5	47	2.9	137	12.0	2.48	15
C66980 (447887)		<0.5	6.24	<1	284	1.2	<1	2.05	<0.5	56	4.3	137	7.6	2.40	13
C66981 (447888)		<0.5	6.35	<1	250	1.0	<1	1.91	<0.5	64	4.3	112	7.5	2.56	14
C66982 (447889)		<0.5	6.42	<1	402	1.1	<1	2.06	<0.5	67	2.7	124	1.6	2.57	15
C66983 (447890)		<0.5	6.53	2	379	1.2	<1	1.83	<0.5	68	5.6	100	20.7	2.30	15
C66984 (447891)		<0.5	7.57	2	378	1.2	<1	1.55	<0.5	21	1.2	90.3	<0.5	1.05	18
C66985 (447892)		0.5	7.37	2	407	1.0	<1	1.39	<0.5	17	1.0	103	3.5	1.14	17
C66986 (447893)		<0.5	7.26	<1	140	<0.5	<1	7.00	<0.5	<1	39.6	161	150	8.08	15
C66987 (447894)		<0.5	5.77	<1	140	1.1	<1	1.67	0.5	75	5.9	100	33.0	2.19	13
C66988 (447895)		<0.5	6.80	<1	245	1.5	<1	2.12	<0.5	55	3.2	115	5.1	2.51	16
C66989 (447896)		<0.5	6.47	<1	255	1.5	<1	2.08	<0.5	65	3.5	95.5	1.9	2.65	14
C66990 (447897)		<0.5	7.04	<1	140	2.1	<1	2.01	<0.5	65	3.2	92.8	1.6	2.27	17
C66991 (447898)		<0.5	6.67	1	316	1.9	<1	1.66	<0.5	68	3.2	121	0.7	1.94	16
C66992 (447899)		<0.5	0.13	<1	16	<0.5	<1	30.7	<0.5	<1	0.5	13.3	<0.5	0.13	<5
C66993 (447900)		<0.5	6.74	<1	136	1.8	<1	1.62	<0.5	41	2.3	134	2.9	2.09	16
C66994 (447901)		<0.5	7.71	2	1370	1.7	<1	4.77	<0.5	94	<0.5	66.8	0.6	0.48	17
C66995 (447902)		<0.5	6.40	<1	417	1.4	<1	2.41	<0.5	43	4.3	140	3.9	2.90	15
C66996 (447903)		<0.5	6.31	2	358	1.7	<1	1.78	<0.5	98	4.3	107	1.5	2.80	15
C66997 (447904)		<0.5	6.59	<1	236	1.4	<1	1.77	<0.5	48	2.7	99.5	6.4	2.46	15
C66998 (447905)		<0.5	6.47	1	232	1.4	<1	1.80	<0.5	53	2.8	103	7.6	2.47	15
C66999 (447906)		<0.5	5.93	<1	536	1.3	<1	3.28	<0.5	66	5.5	128	8.3	2.98	13
C67000 (447907)		<0.5	6.47	<1	375	1.0	<1	1.63	<0.5	51	3.0	99.0	6.0	2.75	15
D62153 (447908)		<0.5	6.71	<1	371	1.0	<1	1.77	<0.5	47	2.2	139	1.2	2.86	16
D62154 (447909)		<0.5	6.73	<1	258	1.0	<1	1.81	<0.5	47	1.9	118	0.7	2.60	15

Certified By:

*Divey Malik*



## Certificate of Analysis

AGAT WORK ORDER: 19B506411

PROJECT: AGAT00740

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019	DATE RECEIVED: Aug 16, 2019							DATE REPORTED: Oct 03, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D62155 (447910)	0.5	6.47	2	288	0.9	<1	1.63	<0.5	45	3.2	104	13.5	2.10	14	
D62156 (447911)	<0.5	6.80	1	220	1.4	<1	1.96	<0.5	47	2.8	120	3.9	2.43	15	
D62157 (447912)	<0.5	7.17	<1	311	1.0	<1	1.58	<0.5	23	1.7	98.9	2.2	1.57	17	
D62158 (447913)	<0.5	7.34	<1	324	1.0	<1	1.66	<0.5	23	1.6	110	3.1	1.63	16	
D62159 (447914)	<0.5	6.69	<1	262	1.2	<1	1.88	<0.5	61	2.5	119	1.0	2.61	15	
D62160 (447915)	<0.5	6.54	<1	209	0.9	<1	1.86	<0.5	46	4.2	108	20.9	2.43	15	
D62161 (447916)	<0.5	6.46	<1	442	1.0	<1	1.77	<0.5	54	0.9	120	3.6	2.46	15	
D62162 (447917)	<0.5	6.59	<1	219	1.2	<1	1.58	<0.5	52	1.9	126	11.7	2.29	16	
D62163 (447918)	<0.5	7.30	<1	547	0.9	<1	0.58	<0.5	16	<0.5	74.8	1.3	0.53	14	
D62164 (447919)	<0.5	7.63	2	280	1.5	<1	1.18	<0.5	38	0.6	93.3	1.3	0.62	16	
D62165 (447920)	<0.5	6.63	1	306	1.1	<1	1.63	<0.5	47	2.9	113	22.3	2.42	15	
D62166 (447921)	<0.5	7.26	<1	178	<0.5	<1	6.26	<0.5	8	37.5	159	99.2	7.51	16	
D62167 (447922)	<0.5	6.76	<1	277	1.1	<1	1.65	<0.5	39	3.2	116	57.3	2.36	15	
D62168 (447923)	<0.5	6.48	1	323	1.1	<1	1.64	<0.5	47	2.5	97.8	20.9	2.32	14	
D62169 (447924)	<0.5	7.20	2	744	0.9	<1	0.60	<0.5	70	0.7	108	12.6	1.10	14	
D62170 (447925)	<0.5	6.39	2	314	1.3	<1	1.63	<0.5	76	2.6	131	23.9	2.19	15	
D62171 (447926)	0.6	6.75	<1	218	1.0	<1	1.74	<0.5	29	3.5	121	72.3	2.31	15	
D62172 (447927)	<0.5	0.17	<1	19	<0.5	<1	32.6	<0.5	<1	0.5	8.0	<0.5	0.11	<5	
D62173 (447928)	<0.5	4.80	1	303	0.6	<1	1.30	<0.5	24	3.0	122	79.8	2.06	11	
D62174 (447929)	0.5	7.11	<1	450	0.9	<1	1.63	<0.5	49	3.8	104	65.4	2.15	15	
D62175 (447930)	<0.5	6.51	<1	305	0.9	<1	2.00	<0.5	25	2.3	87.1	20.9	2.31	15	
D62176 (447931)	<0.5	6.62	<1	305	0.9	<1	1.66	<0.5	42	2.7	92.9	49.2	2.34	14	
D62177 (447932)	<0.5	6.65	2	321	1.1	<1	1.63	<0.5	45	2.5	130	8.9	2.39	16	
D62178 (447933)	<0.5	6.68	<1	313	1.1	<1	1.61	<0.5	47	2.6	106	9.5	2.39	15	
D62179 (447934)	<0.5	6.67	<1	393	1.0	<1	1.65	<0.5	49	3.0	104	1.5	2.55	14	
D62180 (447935)	0.5	6.62	2	359	0.9	<1	1.70	<0.5	51	2.9	105	3.4	2.46	14	
D62181 (447936)	<0.5	6.68	<1	374	0.9	<1	1.70	<0.5	51	3.1	94.2	2.2	2.62	16	
D62182 (447937)	<0.5	6.78	<1	378	0.9	<1	1.71	<0.5	47	2.7	91.4	2.6	2.50	15	
D62183 (447938)	0.6	6.76	<1	407	1.1	<1	1.61	<0.5	44	2.7	94.1	13.6	2.28	15	
D62184 (447939)	<0.5	6.88	<1	497	1.8	<1	3.45	<0.5	46	14.5	134	<0.5	4.86	17	
D62185 (447940)	<0.5	6.27	<1	326	0.9	<1	1.57	<0.5	49	3.2	96.1	7.0	2.31	14	
D62186 (447941)	<0.5	7.11	<1	139	<0.5	<1	6.59	<0.5	<1	39.2	166	147	7.71	14	

*Divey Malik*

Certified By: \_\_\_\_\_



## Certificate of Analysis

AGAT WORK ORDER: 19B506411

PROJECT: AGAT00740

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Oct 03, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D62187 (447942)		<0.5	6.51	2	359	0.9	<1	1.75	<0.5	48	3.5	88.2	37.5	2.37	14
D62188 (447943)		<0.5	6.42	<1	325	0.8	<1	1.73	<0.5	47	2.6	98.0	29.0	2.38	15
D62189 (447944)		0.7	6.44	4	392	1.4	<1	1.62	<0.5	43	3.8	91.7	21.3	2.31	14
D62190 (447945)		<0.5	7.11	<1	408	1.5	<1	1.75	<0.5	41	2.9	112	9.2	2.09	16
D62191 (447946)		<0.5	6.86	<1	340	1.1	<1	1.64	<0.5	52	3.6	107	11.1	2.55	15
D62192 (447947)		<0.5	0.13	<1	17	<0.5	<1	31.0	<0.5	<1	0.6	7.8	<0.5	0.11	<5
D62193 (447948)		<0.5	6.67	2	606	1.5	<1	2.28	<0.5	24	2.4	75.3	11.6	1.18	13
D62194 (447949)		<0.5	6.21	<1	298	1.0	<1	5.03	<0.5	43	3.0	68.8	7.1	2.12	14

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Oct 03, 2019

SAMPLE TYPE: Drill Core

Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
C66971 (447878)	<1	4.06	13	4	0.24	109	11.7	2.86	5.0	47	<20	<50	0.01	<1
C66972 (447879)	<1	0.05	2	1	2.39	108	0.7	0.06	1.0	71	<20	<50	0.08	<1
C66973 (447880)	<1	4.88	17	2	0.04	49	12.1	3.07	2.4	134	<20	<50	<0.01	<1
C66974 (447881)	<1	1.63	9	9	0.39	181	9.6	3.91	4.6	152	<20	<50	0.02	<1
C66975 (447882)	<1	1.62	27	10	0.26	184	15.7	4.35	5.0	350	<20	<50	0.03	<1
C66976 (447883)	<1	1.18	20	10	0.31	306	13.1	3.80	4.7	305	<20	<50	0.06	<1
C66977 (447884)	<1	1.43	20	17	0.33	226	13.6	3.91	5.8	342	<20	<50	0.06	<1
C66978 (447885)	<1	1.49	20	18	0.35	234	13.8	4.09	6.6	349	<20	<50	0.06	<1
C66979 (447886)	<1	0.60	20	8	0.30	265	14.9	3.95	5.8	297	<20	<50	0.18	<1
C66980 (447887)	<1	0.75	22	9	0.48	327	14.9	3.68	9.8	239	<20	<50	0.15	<1
C66981 (447888)	<1	0.80	26	9	0.36	260	12.5	3.76	7.1	249	<20	<50	0.19	<1
C66982 (447889)	<1	0.91	25	8	0.41	289	13.8	3.87	6.8	260	<20	<50	0.10	<1
C66983 (447890)	<1	0.96	27	8	0.41	284	16.9	3.83	9.7	261	<20	<50	0.56	<1
C66984 (447891)	<1	1.78	10	8	0.25	199	12.6	4.26	3.2	168	<20	<50	0.02	<1
C66985 (447892)	<1	1.45	7	9	0.20	176	16.0	4.34	3.3	193	<20	<50	0.08	<1
C66986 (447893)	<1	0.21	3	13	4.42	1370	1.4	2.41	84.6	422	<20	<50	0.16	<1
C66987 (447894)	<1	0.58	30	8	0.30	253	17.2	3.52	8.9	245	54	<50	0.62	<1
C66988 (447895)	<1	0.85	24	8	0.40	378	15.0	4.14	6.7	303	<20	<50	0.16	<1
C66989 (447896)	<1	0.92	29	10	0.42	376	14.5	3.95	8.5	251	<20	<50	0.13	<1
C66990 (447897)	<1	0.92	28	7	0.37	470	14.4	4.17	5.7	355	<20	<50	0.09	<1
C66991 (447898)	<1	1.05	32	9	0.36	346	15.7	4.05	11.8	187	<20	<50	0.02	<1
C66992 (447899)	<1	0.02	2	1	3.66	136	0.6	0.07	0.8	81	<20	<50	0.07	<1
C66993 (447900)	<1	0.98	18	7	0.32	319	17.7	3.92	7.4	224	<20	<50	0.06	<1
C66994 (447901)	<1	2.99	45	6	0.44	110	8.9	3.90	3.0	211	<20	<50	0.04	<1
C66995 (447902)	<1	1.27	18	8	0.65	449	16.6	3.88	13.3	320	<20	<50	0.08	<1
C66996 (447903)	<1	3.03	44	7	0.71	630	12.7	3.12	15.5	251	<20	<50	0.04	<1
C66997 (447904)	<1	0.90	21	6	0.30	315	15.4	3.92	5.5	249	<20	<50	0.11	<1
C66998 (447905)	<1	0.87	23	6	0.30	316	15.9	3.97	5.8	246	<20	<50	0.12	<1
C66999 (447906)	<1	2.69	32	24	1.16	556	13.3	3.18	24.2	123	<20	<50	0.12	<1
C67000 (447907)	<1	0.87	24	10	0.31	233	14.2	3.67	4.8	283	<20	<50	0.31	<1
D62153 (447908)	<1	0.90	21	16	0.30	255	16.3	3.74	4.4	314	<20	<50	0.11	<1
D62154 (447909)	<1	0.71	20	14	0.28	237	14.4	3.89	4.3	299	<20	<50	0.08	<1

Certified By:

*Divey Malik*



## Certificate of Analysis

AGAT WORK ORDER: 19B506411

PROJECT: AGAT00740

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Oct 03, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D62155 (447910)		<1	0.81	22	8	0.22	189	19.1	3.95	4.6	263	<20	<50	0.29	<1
D62156 (447911)		<1	0.72	21	15	0.31	259	14.9	4.16	4.8	309	<20	<50	0.12	<1
D62157 (447912)		<1	1.18	10	12	0.23	216	13.9	4.04	3.8	264	<20	<50	0.08	<1
D62158 (447913)		<1	1.18	10	13	0.25	224	14.7	4.27	4.1	262	<20	<50	0.08	<1
D62159 (447914)		<1	1.18	28	10	0.43	341	15.5	3.76	7.9	286	<20	<50	0.04	<1
D62160 (447915)		<1	0.59	22	13	0.26	210	18.1	3.77	5.0	309	<20	<50	0.35	<1
D62161 (447916)		<1	1.00	27	19	0.25	224	19.1	3.57	3.9	310	<20	<50	0.07	<1
D62162 (447917)		<1	0.82	26	15	0.30	280	16.4	3.77	4.1	290	<20	<50	0.10	<1
D62163 (447918)		<1	5.95	8	3	0.10	80	13.8	2.22	2.9	113	23	51	0.01	<1
D62164 (447919)		<1	3.13	19	4	0.10	96	16.5	3.48	2.6	158	20	<50	0.02	<1
D62165 (447920)		<1	0.96	23	19	0.30	256	14.6	3.64	4.1	296	<20	<50	0.12	<1
D62166 (447921)		<1	0.45	10	11	4.25	1270	1.7	2.37	103	820	<20	<50	0.10	<1
D62167 (447922)		<1	1.16	19	20	0.28	252	14.5	3.64	4.4	304	<20	<50	0.27	<1
D62168 (447923)		<1	1.10	23	18	0.30	245	14.4	3.55	4.4	277	<20	<50	0.12	<1
D62169 (447924)		<1	5.59	34	9	0.18	126	15.7	2.23	3.3	501	<20	50	0.08	<1
D62170 (447925)		<1	1.49	41	14	0.38	290	16.8	3.42	6.1	239	<20	<50	0.13	<1
D62171 (447926)		<1	0.87	12	14	0.29	231	18.1	3.65	4.6	296	<20	<50	0.38	<1
D62172 (447927)		<1	0.04	2	<1	1.56	112	0.9	0.10	<0.5	70	<20	<50	0.08	<1
D62173 (447928)		<1	0.96	9	15	0.22	164	23.6	2.53	6.0	221	<20	<50	0.33	<1
D62174 (447929)		<1	1.45	17	18	0.27	187	16.1	3.81	6.5	297	<20	<50	0.36	<1
D62175 (447930)		<1	1.02	9	18	0.28	232	12.4	3.55	4.6	287	<20	<50	0.14	<1
D62176 (447931)		<1	1.06	20	18	0.28	231	14.4	3.59	3.7	270	<20	<50	0.32	<1
D62177 (447932)		<1	1.29	23	19	0.27	287	15.7	3.57	4.3	280	<20	<50	0.07	<1
D62178 (447933)		<1	1.31	24	19	0.27	291	12.5	3.57	3.7	265	<20	<50	0.08	<1
D62179 (447934)		<1	1.38	23	22	0.30	256	13.4	3.54	4.3	289	<20	<50	0.03	<1
D62180 (447935)		<1	1.30	25	22	0.28	254	15.5	3.64	4.1	285	<20	<50	0.06	<1
D62181 (447936)		<1	1.37	26	22	0.30	274	14.1	3.55	4.3	296	<20	<50	0.04	<1
D62182 (447937)		<1	1.35	23	21	0.28	277	16.2	3.60	4.1	305	<20	<50	0.04	<1
D62183 (447938)		<1	1.48	22	18	0.26	262	15.9	3.69	5.3	271	<20	<50	0.14	<1
D62184 (447939)		<1	1.98	25	57	2.05	883	10.4	2.68	21.8	984	<20	<50	0.04	<1
D62185 (447940)		<1	1.04	25	19	0.27	273	15.1	3.57	4.5	272	<20	<50	0.08	<1
D62186 (447941)		<1	0.21	4	13	4.30	1330	1.5	2.34	83.0	423	<20	<50	0.17	<1

Certified By:

*Divey Malik*





## Certificate of Analysis

AGAT WORK ORDER: 19B506411

PROJECT: AGAT00740

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Oct 03, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D62187 (447942)		<1	1.41	23	14	0.28	288	14.3	3.39	4.6	269	<20	<50	0.27	<1
D62188 (447943)		<1	1.33	23	17	0.28	282	16.2	3.46	4.5	282	<20	<50	0.18	<1
D62189 (447944)		<1	1.24	21	13	0.35	278	15.6	3.67	6.4	266	<20	<50	0.13	<1
D62190 (447945)		<1	1.42	21	19	0.36	249	14.0	3.79	5.6	281	<20	<50	0.06	<1
D62191 (447946)		<1	1.16	27	18	0.30	307	13.7	3.75	5.2	291	<20	<50	0.08	<1
D62192 (447947)		<1	0.03	<2	1	2.02	118	1.0	0.07	<0.5	78	<20	<50	0.09	<1
D62193 (447948)		<1	2.46	12	10	0.54	281	14.3	3.50	17.6	331	<20	<50	0.05	<1
D62194 (447949)		<1	1.16	22	14	0.48	282	8.4	3.38	3.5	262	<20	<50	0.06	<1

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Oct 03, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
C66971 (447878)	2	<10	<5	111	<10	<10	10	0.02	<5	<50	7.5	<1	3	8.0
C66972 (447879)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	3.2
C66973 (447880)	<1	<10	<5	113	<10	<10	11	0.02	<5	<50	3.4	1	4	6.5
C66974 (447881)	3	<10	<5	281	<10	<10	<5	0.08	<5	<50	13.8	<1	4	22.1
C66975 (447882)	5	<10	<5	197	<10	<10	15	0.12	<5	<50	13.8	<1	14	17.7
C66976 (447883)	8	<10	<5	175	<10	<10	<5	0.22	<5	<50	20.1	<1	28	27.6
C66977 (447884)	6	<10	<5	234	<10	<10	<5	0.21	<5	<50	20.0	<1	19	21.0
C66978 (447885)	6	<10	<5	246	<10	<10	<5	0.22	<5	<50	20.4	<1	19	22.3
C66979 (447886)	8	<10	<5	180	<10	<10	<5	0.22	<5	<50	17.9	<1	30	25.6
C66980 (447887)	8	<10	<5	205	<10	<10	8	0.19	<5	<50	19.4	<1	27	22.2
C66981 (447888)	9	<10	<5	149	<10	<10	8	0.21	<5	<50	21.5	<1	29	22.4
C66982 (447889)	10	<10	<5	155	<10	<10	12	0.21	<5	<50	22.5	<1	33	22.0
C66983 (447890)	8	<10	<5	183	<10	<10	14	0.18	<5	<50	20.7	<1	29	127
C66984 (447891)	3	<10	<5	398	<10	<10	<5	0.09	<5	<50	14.4	<1	6	26.5
C66985 (447892)	3	<10	<5	333	<10	<10	<5	0.11	<5	<50	12.5	<1	8	26.3
C66986 (447893)	46	<10	<5	114	<10	<10	<5	0.70	<5	<50	308	<1	22	81.8
C66987 (447894)	8	<10	<5	166	<10	<10	18	0.20	<5	<50	15.1	<1	32	203
C66988 (447895)	12	<10	<5	183	<10	<10	<5	0.23	<5	<50	22.0	<1	34	31.8
C66989 (447896)	13	<10	<5	151	<10	<10	11	0.20	<5	<50	24.4	<1	29	29.5
C66990 (447897)	31	<10	<5	128	<10	<10	15	0.15	<5	<50	18.9	<1	36	41.0
C66991 (447898)	10	<10	<5	124	<10	<10	26	0.08	<5	<50	20.5	<1	10	27.5
C66992 (447899)	1	<10	<5	65	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	4.4
C66993 (447900)	6	<10	<5	108	<10	<10	8	0.16	<5	<50	18.6	<1	13	34.4
C66994 (447901)	2	<10	<5	121	<10	<10	31	0.05	<5	<50	9.8	<1	8	7.7
C66995 (447902)	11	<10	<5	178	<10	<10	8	0.20	<5	<50	32.6	<1	19	30.9
C66996 (447903)	28	<10	<5	126	<10	<10	39	0.12	<5	<50	34.1	<1	19	34.8
C66997 (447904)	9	<10	<5	136	<10	<10	8	0.23	<5	<50	22.8	<1	27	27.2
C66998 (447905)	9	<10	<5	138	<10	<10	8	0.21	<5	<50	22.1	<1	27	27.9
C66999 (447906)	15	<10	<5	200	<10	<10	20	0.33	<5	<50	66.0	<1	15	28.9
C67000 (447907)	10	<10	<5	129	<10	<10	<5	0.23	<5	<50	20.1	<1	29	23.5
D62153 (447908)	9	<10	<5	139	<10	<10	<5	0.24	<5	<50	21.2	<1	34	20.5
D62154 (447909)	9	<10	<5	141	<10	<10	<5	0.25	<5	<50	18.7	<1	32	18.3

Certified By:

*Divy Malik*



## Certificate of Analysis

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PROJECT: AGAT00740

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Oct 03, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D62155 (447910)	6	<10	<5	147	<10	<10	<5	0.20	<5	<50	15.9	<1	25	24.3
D62156 (447911)	9	<10	<5	217	<10	<10	<5	0.24	<5	<50	21.3	<1	27	31.1
D62157 (447912)	4	<10	<5	305	<10	<10	<5	0.14	<5	<50	14.6	<1	15	28.1
D62158 (447913)	4	<10	<5	319	<10	<10	<5	0.14	<5	<50	14.2	<1	15	30.2
D62159 (447914)	8	<10	<5	196	<10	<10	20	0.23	<5	<50	22.8	<1	28	25.5
D62160 (447915)	8	<10	<5	155	<10	<10	<5	0.22	<5	<50	16.8	<1	28	18.5
D62161 (447916)	9	<10	<5	149	<10	<10	<5	0.25	<5	<50	21.8	<1	31	26.0
D62162 (447917)	8	<10	<5	116	<10	<10	<5	0.21	<5	<50	17.7	<1	19	40.2
D62163 (447918)	1	<10	<5	98	<10	<10	6	0.04	<5	<50	3.5	1	4	8.3
D62164 (447919)	2	<10	<5	107	<10	<10	13	0.05	<5	<50	3.4	<1	6	14.3
D62165 (447920)	8	<10	<5	123	<10	<10	<5	0.23	<5	<50	17.4	<1	29	29.8
D62166 (447921)	34	<10	<5	244	<10	<10	<5	0.83	<5	<50	238	<1	22	87.8
D62167 (447922)	7	<10	<5	123	<10	<10	<5	0.22	<5	<50	18.1	<1	28	43.5
D62168 (447923)	8	<10	<5	130	<10	<10	<5	0.22	<5	<50	20.6	<1	26	27.7
D62169 (447924)	3	<10	<5	98	<10	<10	22	0.09	<5	<50	6.0	<1	16	17.4
D62170 (447925)	8	<10	<5	117	<10	<10	10	0.20	<5	<50	21.8	<1	24	111
D62171 (447926)	9	<10	<5	130	<10	<10	<5	0.22	<5	<50	16.1	<1	31	44.5
D62172 (447927)	<1	<10	<5	73	<10	<10	<5	<0.01	<5	<50	1.2	<1	3	3.0
D62173 (447928)	6	<10	<5	93	<10	<10	<5	0.17	<5	<50	11.8	<1	23	22.0
D62174 (447929)	8	<10	<5	136	<10	<10	<5	0.26	<5	<50	14.6	<1	45	36.7
D62175 (447930)	8	<10	<5	127	<10	<10	<5	0.23	<5	<50	17.0	<1	29	60.0
D62176 (447931)	8	<10	<5	120	<10	<10	<5	0.23	<5	<50	16.2	<1	28	77.2
D62177 (447932)	11	<10	<5	124	<10	<10	<5	0.21	<5	<50	17.1	<1	30	35.0
D62178 (447933)	11	<10	<5	123	<10	<10	<5	0.22	<5	<50	17.0	<1	31	33.9
D62179 (447934)	9	<10	<5	138	<10	<10	<5	0.23	<5	<50	16.2	<1	29	20.4
D62180 (447935)	8	<10	<5	135	<10	<10	<5	0.23	<5	<50	16.4	<1	32	19.1
D62181 (447936)	9	<10	<5	126	<10	<10	<5	0.25	<5	<50	16.9	<1	30	20.8
D62182 (447937)	8	<10	<5	126	<10	<10	<5	0.24	<5	<50	17.6	<1	31	20.4
D62183 (447938)	8	<10	<5	129	<10	<10	<5	0.21	<5	<50	16.9	<1	29	23.1
D62184 (447939)	14	<10	<5	228	<10	<10	<5	0.37	<5	<50	86.1	<1	25	74.7
D62185 (447940)	8	<10	<5	126	<10	<10	<5	0.21	<5	<50	16.6	<1	28	24.3
D62186 (447941)	45	<10	<5	110	<10	<10	<5	0.67	<5	<50	303	<1	22	81.5

Certified By:

*Divey Malik*



## Certificate of Analysis

AGAT WORK ORDER: 19B506411

PROJECT: AGAT00740

5623 McADAM ROAD  
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CANADA L4Z 1N9  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Oct 03, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D62187 (447942)	8	<10	<5	110	<10	<10	<5	0.22	<5	<50	17.2	<1	29	35.7
D62188 (447943)	8	<10	<5	114	<10	<10	<5	0.22	<5	<50	18.4	<1	30	33.4
D62189 (447944)	7	<10	<5	134	<10	<10	<5	0.20	<5	<50	18.3	<1	25	30.5
D62190 (447945)	6	<10	<5	230	<10	<10	<5	0.19	<5	<50	21.1	<1	17	29.2
D62191 (447946)	8	<10	<5	119	<10	<10	<5	0.23	<5	<50	18.0	<1	29	28.5
D62192 (447947)	<1	<10	<5	72	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	3.0
D62193 (447948)	4	<10	<5	171	<10	<10	6	0.09	<5	<50	18.3	<1	8	17.3
D62194 (447949)	7	<10	<5	135	<10	<10	<5	0.19	<5	<50	16.3	<1	24	23.1

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DATE SAMPLED: Aug 15, 2019      DATE RECEIVED: Aug 16, 2019      DATE REPORTED: Oct 03, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C66971 (447878)				10
C66972 (447879)				<5
C66973 (447880)				8
C66974 (447881)				80
C66975 (447882)				90
C66976 (447883)				119
C66977 (447884)				76
C66978 (447885)				72
C66979 (447886)				88
C66980 (447887)				84
C66981 (447888)				80
C66982 (447889)				76
C66983 (447890)				67
C66984 (447891)				81
C66985 (447892)				82
C66986 (447893)				55
C66987 (447894)				65
C66988 (447895)				78
C66989 (447896)				70
C66990 (447897)				61
C66991 (447898)				44
C66992 (447899)				<5
C66993 (447900)				90
C66994 (447901)				5
C66995 (447902)				66
C66996 (447903)				31
C66997 (447904)				83
C66998 (447905)				83
C66999 (447906)				63
C67000 (447907)				111
D62153 (447908)				89
D62154 (447909)				81

Certified By:

*Divy Malik*



## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Oct 03, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D62155 (447910)	97
D62156 (447911)	83
D62157 (447912)	78
D62158 (447913)	76
D62159 (447914)	82
D62160 (447915)	78
D62161 (447916)	102
D62162 (447917)	112
D62163 (447918)	14
D62164 (447919)	20
D62165 (447920)	105
D62166 (447921)	81
D62167 (447922)	99
D62168 (447923)	99
D62169 (447924)	37
D62170 (447925)	96
D62171 (447926)	96
D62172 (447927)	<5
D62173 (447928)	69
D62174 (447929)	122
D62175 (447930)	100
D62176 (447931)	93
D62177 (447932)	90
D62178 (447933)	100
D62179 (447934)	104
D62180 (447935)	123
D62181 (447936)	103
D62182 (447937)	113
D62183 (447938)	119
D62184 (447939)	115
D62185 (447940)	117
D62186 (447941)	53

Certified By:

*Divey Malik*



## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Oct 03, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D62187 (447942)	92
D62188 (447943)	95
D62189 (447944)	109
D62190 (447945)	105
D62191 (447946)	118
D62192 (447947)	<5
D62193 (447948)	27
D62194 (447949)	91

Comments: RDL - Reported Detection Limit

447878-447949 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

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PROJECT: AGAT00740

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 15, 2019      DATE RECEIVED: Aug 16, 2019      DATE REPORTED: Oct 03, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C66971 (447878)			0.002
C66972 (447879)			<0.001
C66973 (447880)			0.001
C66974 (447881)			0.004
C66975 (447882)			0.007
C66976 (447883)			0.006
C66977 (447884)			0.010
C66978 (447885)			0.008
C66979 (447886)			0.015
C66980 (447887)			0.013
C66981 (447888)			0.018
C66982 (447889)			0.009
C66983 (447890)			0.039
C66984 (447891)			0.008
C66985 (447892)			0.020
C66986 (447893)			0.520
C66987 (447894)			0.059
C66988 (447895)			0.013
C66989 (447896)			0.012
C66990 (447897)			0.006
C66991 (447898)			0.016
C66992 (447899)			0.001
C66993 (447900)			0.005
C66994 (447901)			0.002
C66995 (447902)			0.007
C66996 (447903)			0.004
C66997 (447904)			0.012
C66998 (447905)			0.014
C66999 (447906)			0.007
C67000 (447907)			0.022
D62153 (447908)			0.011
D62154 (447909)			0.009

Certified By:

*Divy Malik*





## Certificate of Analysis

AGAT WORK ORDER: 19B506411

PROJECT: AGAT00740

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 15, 2019      DATE RECEIVED: Aug 16, 2019      DATE REPORTED: Oct 03, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D62155 (447910)			0.031
D62156 (447911)			0.013
D62157 (447912)			0.009
D62158 (447913)			0.009
D62159 (447914)			0.006
D62160 (447915)			0.022
D62161 (447916)			0.006
D62162 (447917)			0.008
D62163 (447918)			0.001
D62164 (447919)			0.002
D62165 (447920)			0.035
D62166 (447921)			0.343
D62167 (447922)			0.038
D62168 (447923)			0.018
D62169 (447924)			0.007
D62170 (447925)			0.026
D62171 (447926)			0.060
D62172 (447927)			0.002
D62173 (447928)			0.022
D62174 (447929)			0.035
D62175 (447930)			0.075
D62176 (447931)			0.077
D62177 (447932)			0.023
D62178 (447933)			0.025
D62179 (447934)			0.071
D62180 (447935)			0.012
D62181 (447936)			0.018
D62182 (447937)			0.021
D62183 (447938)			0.029
D62184 (447939)			0.007
D62185 (447940)			0.028
D62186 (447941)			0.535

Certified By:

*Divy Malik*

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

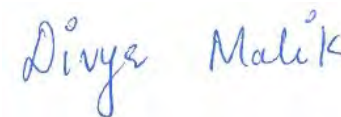
DATE REPORTED: Oct 03, 2019

SAMPLE TYPE: Drill Core

	Analyte:	Au
	Unit:	ppm
Sample ID (AGAT ID)	RDL:	0.001
D62187 (447942)		0.059
D62188 (447943)		0.059
D62189 (447944)		1.50
D62190 (447945)		0.017
D62191 (447946)		0.031
D62192 (447947)		0.001
D62193 (447948)		0.010
D62194 (447949)		0.011

 Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19B506411

PROJECT: AGAT00740

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Oct 03, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
C66971 (447878)		81
C66991 (447898)		79
D62163 (447918)		78
D62183 (447938)		77

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:

*Divey Malik*



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	447878	< 0.5	< 0.5	0.0%	447892	0.50	0.42	17.4%	447902	< 0.5	< 0.5	0.0%	447917	< 0.5	< 0.5	0.0%
Al	447878	6.88	6.72	2.4%	447892	7.37	7.47	1.3%	447902	6.40	6.35	0.8%	447917	6.59	6.57	0.3%
As	447878	3	< 1		447892	2	< 1		447902	< 1	< 1	0.0%	447917	< 1	< 1	0.0%
Ba	447878	372	361	3.0%	447892	407	405	0.5%	447902	417	437	4.7%	447917	219	210	4.2%
Be	447878	1.3	1.3	0.0%	447892	1.0	1.0	0.0%	447902	1.41	1.32	6.6%	447917	1.2	1.2	0.0%
Bi	447878	< 1	< 1	0.0%	447892	< 1	< 1	0.0%	447902	< 1	< 1	0.0%	447917	< 1	< 1	0.0%
Ca	447878	2.45	2.18	11.7%	447892	1.39	1.37	1.4%	447902	2.41	2.33	3.4%	447917	1.58	1.54	2.6%
Cd	447878	< 0.5	< 0.5	0.0%	447892	< 0.5	< 0.5	0.0%	447902	< 0.5	< 0.5	0.0%	447917	< 0.5	< 0.5	0.0%
Ce	447878	28	36	25.0%	447892	17	18	5.7%	447902	43	47	8.9%	447917	52	53	1.9%
Co	447878	0.53	0.68	24.8%	447892	0.99	1.08	8.7%	447902	4.3	3.9	9.8%	447917	1.9	2.1	10.0%
Cr	447878	68.4	58.1	16.3%	447892	103	96.5	6.5%	447902	140	130	7.4%	447917	126	118	6.6%
Cu	447878	0.44	0.55	22.2%	447892	3.51	3.23	8.3%	447902	3.9	3.6	8.0%	447917	11.7	11.3	3.5%
Fe	447878	0.684	0.749	9.1%	447892	1.14	1.15	0.9%	447902	2.90	2.79	3.9%	447917	2.29	2.27	0.9%
Ga	447878	14	14	0.0%	447892	17	18	5.7%	447902	15	15	0.0%	447917	16	16	0.0%
In	447878	< 1	< 1	0.0%	447892	< 1	< 1	0.0%	447902	< 1	< 1	0.0%	447917	< 1	< 1	0.0%
K	447878	4.06	3.99	1.7%	447892	1.45	1.47	1.4%	447902	1.27	1.30	2.3%	447917	0.821	0.813	1.0%
La	447878	13	17	26.7%	447892	7	7	0.0%	447902	18	20	10.5%	447917	26	26	0.0%
Li	447878	4	4	0.0%	447892	9	9	0.0%	447902	8	7	13.3%	447917	15	14	6.9%
Mg	447878	0.243	0.267	9.4%	447892	0.20	0.20	0.0%	447902	0.646	0.623	3.6%	447917	0.30	0.29	3.4%
Mn	447878	109	130	17.6%	447892	176	176	0.0%	447902	449	428	4.8%	447917	280	275	1.8%
Mo	447878	11.7	11.4	2.6%	447892	16.0	16.5	3.1%	447902	16.6	16.3	1.8%	447917	16.4	16.3	0.6%
Na	447878	2.86	2.74	4.3%	447892	4.34	4.30	0.9%	447902	3.88	3.69	5.0%	447917	3.77	3.67	2.7%
Ni	447878	5.0	5.4	7.7%	447892	3.29	3.23	1.8%	447902	13.3	12.0	10.3%	447917	4.1	4.1	0.0%
P	447878	47	48	2.1%	447892	193	188	2.6%	447902	320	346	7.8%	447917	290	291	0.3%
Pb	447878	< 20	< 20	0.0%	447892	< 20	< 20	0.0%	447902	< 20	< 20	0.0%	447917	< 20	< 20	0.0%
Rb	447878	< 50	< 50	0.0%	447892	< 50	< 50	0.0%	447902	< 50	< 50	0.0%	447917	< 50	< 50	0.0%
S	447878	0.01	0.01	0.0%	447892	0.08	0.08	0.0%	447902	0.08	0.08	0.0%	447917	0.10	0.10	0.0%
Sb	447878	< 1	< 1	0.0%	447892	< 1	< 1	0.0%	447902	< 1	< 1	0.0%	447917	< 1	< 1	0.0%
Sc	447878	2	2	0.0%	447892	3	3	0.0%	447902	11	11	0.0%	447917	8	7	13.3%
Se	447878	< 10	< 10	0.0%	447892	< 10	< 10	0.0%	447902	< 10	< 10	0.0%	447917	< 10	< 10	0.0%
Sn	447878	< 5	< 5	0.0%	447892	< 5	< 5	0.0%	447902	< 5	< 5	0.0%	447917	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	447878	111	112	0.9%	447892	333	328	1.5%	447902	178	170	4.6%	447917	116	113	2.6%
Ta	447878	< 10	< 10	0.0%	447892	< 10	< 10	0.0%	447902	< 10	< 10	0.0%	447917	< 10	< 10	0.0%
Te	447878	< 10	< 10	0.0%	447892	< 10	< 10	0.0%	447902	< 10	< 10	0.0%	447917	< 10	< 10	0.0%
Th	447878	10	11	9.5%	447892	< 5	< 5	0.0%	447902	8	8	0.0%	447917	< 5	< 5	0.0%
Ti	447878	0.02	0.02	0.0%	447892	0.11	0.11	0.0%	447902	0.20	0.20	0.0%	447917	0.21	0.21	0.0%
Tl	447878	< 5	< 5	0.0%	447892	< 5	< 5	0.0%	447902	< 5	< 5	0.0%	447917	< 5	< 5	0.0%
U	447878	< 50	< 50	0.0%	447892	< 50	< 50	0.0%	447902	< 50	< 50	0.0%	447917	< 50	< 50	0.0%
V	447878	7.51	8.31	10.1%	447892	12.5	12.9	3.1%	447902	32.6	32.5	0.3%	447917	17.7	17.8	0.6%
W	447878	< 1	< 1	0.0%	447892	< 1	< 1	0.0%	447902	< 1	< 1	0.0%	447917	< 1	< 1	0.0%
Y	447878	3	3	0.0%	447892	8	8	0.0%	447902	19	19	0.0%	447917	19	18	5.4%
Zn	447878	8.0	8.5	6.1%	447892	26.3	25.2	4.3%	447902	30.9	28.4	8.4%	447917	40.2	38.6	4.1%
Zr	447878	10	10	0.0%	447892	82	85	3.6%	447902	66	63	4.7%	447917	112	113	0.9%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	447928	< 0.5	< 0.5	0.0%	447937	< 0.5	< 0.5	0.0%								
Al	447928	4.80	3.99	18.4%	447937	6.78	6.71	1.0%								
As	447928	1	< 1		447937	< 1	< 1	0.0%								
Ba	447928	303	249	19.6%	447937	378	359	5.2%								
Be	447928	0.6	0.52	17.5%	447937	0.9	0.9	0.0%								
Bi	447928	< 1	< 1	0.0%	447937	< 1	< 1	0.0%								
Ca	447928	1.30	1.10	16.7%	447937	1.71	1.65	3.6%								
Cd	447928	< 0.5	< 0.5	0.0%	447937	< 0.5	< 0.5	0.0%								
Ce	447928	24	25	4.1%	447937	47	44	6.6%								
Co	447928	3.0	3.0	0.0%	447937	2.7	2.8	3.6%								
Cr	447928	122	102	17.9%	447937	91.4	83.1	9.5%								
Cu	447928	79.8	68.7	14.9%	447937	2.59	2.32	11.0%								
Fe	447928	2.06	2.05	0.5%	447937	2.50	2.47	1.2%								
Ga	447928	11	9	20.0%	447937	15	15	0.0%								
In	447928	< 1	< 1	0.0%	447937	< 1	< 1	0.0%								
K	447928	0.96	0.80	18.2%	447937	1.35	1.34	0.7%								
La	447928	9	7	25.0%	447937	23	22	4.4%								
Li	447928	15	14	6.9%	447937	21	21	0.0%								
Mg	447928	0.22	0.19	14.6%	447937	0.28	0.27	3.6%								
Mn	447928	164	144	13.0%	447937	277	275	0.7%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	447928	23.6	16.1	37.8%	447937	16.2	16.4	1.2%								
Na	447928	2.53	2.13	17.2%	447937	3.60	3.53	2.0%								
Ni	447928	6.0	7.3	19.5%	447937	4.10	4.26	3.8%								
P	447928	221	196	12.0%	447937	305	288	5.7%								
Pb	447928	< 20	< 20	0.0%	447937	< 20	< 20	0.0%								
Rb	447928	< 50	< 50	0.0%	447937	< 50	< 50	0.0%								
S	447928	0.33	0.33	0.0%	447937	0.04	0.04	0.0%								
Sb	447928	< 1	< 1	0.0%	447937	< 1	< 1	0.0%								
Sc	447928	6	5	18.2%	447937	8	8	0.0%								
Se	447928	< 10	< 10	0.0%	447937	< 10	< 10	0.0%								
Sn	447928	< 5	< 5	0.0%	447937	< 5	< 5	0.0%								
Sr	447928	93	87	6.7%	447937	126	123	2.4%								
Ta	447928	< 10	< 10	0.0%	447937	< 10	< 10	0.0%								
Te	447928	< 10	< 10	0.0%	447937	< 10	< 10	0.0%								
Th	447928	< 5	< 5	0.0%	447937	< 5	< 5	0.0%								
Ti	447928	0.17	0.14	19.4%	447937	0.243	0.235	3.3%								
Tl	447928	< 5	< 5	0.0%	447937	< 5	< 5	0.0%								
U	447928	< 50	< 50	0.0%	447937	< 50	< 50	0.0%								
V	447928	11.8	9.2	24.8%	447937	17.6	17.2	2.3%								
W	447928	< 1	< 1	0.0%	447937	< 1	< 1	0.0%								
Y	447928	23	23	0.0%	447937	31	30	3.3%								
Zn	447928	22.0	23.0	4.4%	447937	20.4	19.3	5.5%								
Zr	447928	69	57	19.0%	447937	113	108	4.5%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	447878	0.002	0.001		447892	0.020	0.018	10.5%	447902	0.007	0.007	0.0%	447917	0.008	0.008	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	447928	0.022	0.018	20.0%	447937	0.021	0.018	15.4%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GS5W)				CRM #3 (ref.GSP5G)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	2.93	97%	90% - 110%
Al	10.95	10.87	99%	90% - 110%	8.17	8.2	100%	90% - 110%	6.96	6.94	100%	90% - 110%	4.75	4.79	101%	90% - 110%
As					26	24	91%	90% - 110%	124	120	97%	90% - 110%				
Ba	340	319	94%	90% - 110%	540	494	92%	90% - 110%	186	176	95%	90% - 110%	216	200	93%	90% - 110%
Be	2.6	2.8	107%	90% - 110%	4.0	3.2	81%	90% - 110%								
Ca	5.72	5.62	98%	90% - 110%	0.907	0.884	97%	90% - 110%	4.01	3.9	97%	90% - 110%	10	9	91%	90% - 110%
Ce	122	111	91%	90% - 110%	98	92	94%	90% - 110%	24	23	95%	90% - 110%				
Co									22.1	20.6	93%	90% - 110%	191	173	91%	90% - 110%
Cr					60.3	63.4	105%	90% - 110%					670	615	91%	90% - 110%
Cu					150	143	95%	90% - 110%	88.6	81.7	92%	90% - 110%	7120	6922	97%	90% - 110%
Fe	4.34	4.04	93%	90% - 110%	3.77	3.61	96%	90% - 110%	7.56	7.26	96%	90% - 110%	12.71	11.49	90%	90% - 110%
Ga	35	35	100%	90% - 110%												
K	1.37	1.48	108%	90% - 110%					2.021	2.145	106%	90% - 110%	0.1021	0.1109	109%	90% - 110%
La	58	57	98%	90% - 110%	44	44	99%	90% - 110%					8.47	8.42	99%	90% - 110%
Li	37	40	108%	90% - 110%	47	48	103%	90% - 110%								
Mg	0.325	0.297	91%	90% - 110%	1.10	1.07	98%	90% - 110%	2.412	2.434	101%	90% - 110%	7.41	7.33	99%	90% - 110%
Mn					780	741	95%	90% - 110%	1510	1411	93%	90% - 110%				
Mo					14	13	96%	90% - 110%					2.49	2.93	117%	90% - 110%
Na	5.267	5.545	105%	90% - 110%	1.624	1.71	105%	90% - 110%	0.617	0.667	108%	90% - 110%	0.112	0.122	109%	90% - 110%
Ni					32	32	101%	90% - 110%	77.1	70	91%	90% - 110%	2480	2382	96%	90% - 110%
P					750	742	99%	90% - 110%	892	890	100%	90% - 110%	731	693	95%	90% - 110%
Pb	10	8	76%	90% - 110%	31	28	91%	90% - 110%								
S									0.348	0.349	100%	90% - 110%				
Sc	1.1	1	95%	90% - 110%	12	13	105%	90% - 110%					21.33	21.42	100%	90% - 110%
Sr	1191	1162	98%	90% - 110%	144	149	104%	90% - 110%	92.8	88.8	96%	90% - 110%	39	38	97%	90% - 110%
Ti	0.172	0.169	98%	90% - 110%	0.53	0.48	90%	90% - 110%					0.419	0.401	96%	90% - 110%
V	8	8	95%	90% - 110%	77	79	103%	90% - 110%					158	164	104%	90% - 110%
Y	119	126	106%	90% - 110%									12.67	13.03	103%	90% - 110%
Zn	93	93	100%	90% - 110%	130	120	92%	90% - 110%	208	206	99%	90% - 110%	112	110	98%	90% - 110%
Zr													35.7	38	107%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GS5W)				CRM #3 (ref.GSP5G)				CRM #4 (ref.GSP7M)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.84	100%	90% - 110%	5.27	5.65	107%	90% - 110%	0.562	0.601	107%	90% - 110%	0.725	0.785	108%	90% - 110%



## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19B506411

PROJECT: AGAT00740

ATTENTION TO: Craig Yuill

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00740

AGAT WORK ORDER: 19B506411

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 27, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19B506411

PROJECT: AGAT00740

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 15, 2019      DATE RECEIVED: Aug 16, 2019      DATE REPORTED: Sep 27, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C66971 (447878)		2.16
C66972 (447879)		0.80
C66973 (447880)		2.37
C66974 (447881)		2.03
C66975 (447882)		0.83
C66976 (447883)		1.36
C66977 (447884)		3.29
C66978 (447885)		3.29
C66979 (447886)		1.84
C66980 (447887)		1.31
C66981 (447888)		3.34
C66982 (447889)		3.30
C66983 (447890)		3.42
C66984 (447891)		2.40
C66985 (447892)		2.00
C66986 (447893)		0.09
C66987 (447894)		2.42
C66988 (447895)		2.28
C66989 (447896)		3.33
C66990 (447897)		2.32
C66991 (447898)		2.19
C66992 (447899)		0.65
C66993 (447900)		1.79
C66994 (447901)		0.87
C66995 (447902)		1.57
C66996 (447903)		1.08
C66997 (447904)		3.21
C66998 (447905)		3.21
C66999 (447906)		1.05
C67000 (447907)		1.71
D32153 (447908)		2.21

Certified By:



## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 27, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D32154 (447909)		2.46
D32155 (447910)		1.83
D32156 (447911)		2.20
D32157 (447912)		2.32
D32158 (447913)		2.32
D32159 (447914)		2.36
D32160 (447915)		1.14
D32161 (447916)		1.17
D32162 (447917)		2.30
D32163 (447918)		2.13
D32164 (447919)		1.93
D32165 (447920)		2.50
D32166 (447921)		0.10
D32167 (447922)		2.34
D32168 (447923)		2.77
D32169 (447924)		0.67
D32170 (447925)		1.03
D32171 (447926)		1.83
D32172 (447927)		0.68
D32173 (447928)		0.67
D32174 (447929)		1.98
D32175 (447930)		2.26
D32176 (447931)		2.18
D32177 (447932)		3.34
D32178 (447933)		3.34
D32179 (447934)		3.29
D32180 (447935)		3.33
D32181 (447936)		3.41
D32182 (447937)		3.28
D32183 (447938)		2.86
D32184 (447939)		0.73

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506411

PROJECT: AGAT00740

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 15, 2019      DATE RECEIVED: Aug 16, 2019      DATE REPORTED: Sep 27, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D32185 (447940)		1.93
D32186 (447941)		0.09
D32187 (447942)		3.32
D32188 (447943)		2.12
D32189 (447944)		3.12
D32190 (447945)		3.22
D32191 (447946)		2.89
D32192 (447947)		0.78
D32193 (447948)		1.41
D32194 (447949)		3.18

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506411

PROJECT: AGAT00740

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019	DATE RECEIVED: Aug 16, 2019							DATE REPORTED: Sep 27, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C66971 (447878)	<0.5	6.88	3	372	1.3	<1	2.45	<0.5	28	0.5	68.4	<0.5	0.68	14	
C66972 (447879)	<0.5	0.12	1	18	<0.5	<1	31.8	<0.5	<1	0.6	7.4	<0.5	0.09	<5	
C66973 (447880)	<0.5	7.84	3	454	1.2	<1	0.88	<0.5	32	<0.5	63.2	0.9	0.40	16	
C66974 (447881)	<0.5	6.93	2	272	1.2	<1	4.14	<0.5	18	1.4	68.3	0.5	0.95	17	
C66975 (447882)	<0.5	7.63	<1	294	1.6	<1	1.77	<0.5	56	1.2	104	2.1	1.37	18	
C66976 (447883)	0.5	7.23	2	285	1.3	<1	1.90	<0.5	43	1.4	85.2	3.6	2.16	16	
C66977 (447884)	<0.5	7.16	<1	503	1.0	<1	1.89	<0.5	41	2.4	125	4.1	1.94	16	
C66978 (447885)	<0.5	7.34	2	539	1.0	<1	2.01	<0.5	41	2.5	160	3.5	1.95	16	
C66979 (447886)	<0.5	6.80	<1	191	1.0	<1	1.91	<0.5	47	2.9	137	12.0	2.48	15	
C66980 (447887)	<0.5	6.24	<1	284	1.2	<1	2.05	<0.5	56	4.3	137	7.6	2.40	13	
C66981 (447888)	<0.5	6.35	<1	250	1.0	<1	1.91	<0.5	64	4.3	112	7.5	2.56	14	
C66982 (447889)	<0.5	6.42	<1	402	1.1	<1	2.06	<0.5	67	2.7	124	1.6	2.57	15	
C66983 (447890)	<0.5	6.53	2	379	1.2	<1	1.83	<0.5	68	5.6	100	20.7	2.30	15	
C66984 (447891)	<0.5	7.57	2	378	1.2	<1	1.55	<0.5	21	1.2	90.3	<0.5	1.05	18	
C66985 (447892)	0.5	7.37	2	407	1.0	<1	1.39	<0.5	17	1.0	103	3.5	1.14	17	
C66986 (447893)	<0.5	7.26	<1	140	<0.5	<1	7.00	<0.5	<1	39.6	161	150	8.08	15	
C66987 (447894)	<0.5	5.77	<1	140	1.1	<1	1.67	0.5	75	5.9	100	33.0	2.19	13	
C66988 (447895)	<0.5	6.80	<1	245	1.5	<1	2.12	<0.5	55	3.2	115	5.1	2.51	16	
C66989 (447896)	<0.5	6.47	<1	255	1.5	<1	2.08	<0.5	65	3.5	95.5	1.9	2.65	14	
C66990 (447897)	<0.5	7.04	<1	140	2.1	<1	2.01	<0.5	65	3.2	92.8	1.6	2.27	17	
C66991 (447898)	<0.5	6.67	1	316	1.9	<1	1.66	<0.5	68	3.2	121	0.7	1.94	16	
C66992 (447899)	<0.5	0.13	<1	16	<0.5	<1	30.7	<0.5	<1	0.5	13.3	<0.5	0.13	<5	
C66993 (447900)	<0.5	6.74	<1	136	1.8	<1	1.62	<0.5	41	2.3	134	2.9	2.09	16	
C66994 (447901)	<0.5	7.71	2	1370	1.7	<1	4.77	<0.5	94	<0.5	66.8	0.6	0.48	17	
C66995 (447902)	<0.5	6.40	<1	417	1.4	<1	2.41	<0.5	43	4.3	140	3.9	2.90	15	
C66996 (447903)	<0.5	6.31	2	358	1.7	<1	1.78	<0.5	98	4.3	107	1.5	2.80	15	
C66997 (447904)	<0.5	6.59	<1	236	1.4	<1	1.77	<0.5	48	2.7	99.5	6.4	2.46	15	
C66998 (447905)	<0.5	6.47	1	232	1.4	<1	1.80	<0.5	53	2.8	103	7.6	2.47	15	
C66999 (447906)	<0.5	5.93	<1	536	1.3	<1	3.28	<0.5	66	5.5	128	8.3	2.98	13	
C67000 (447907)	<0.5	6.47	<1	375	1.0	<1	1.63	<0.5	51	3.0	99.0	6.0	2.75	15	
D32153 (447908)	<0.5	6.71	<1	371	1.0	<1	1.77	<0.5	47	2.2	139	1.2	2.86	16	
D32154 (447909)	<0.5	6.73	<1	258	1.0	<1	1.81	<0.5	47	1.9	118	0.7	2.60	15	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506411

PROJECT: AGAT00740

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019	DATE RECEIVED: Aug 16, 2019							DATE REPORTED: Sep 27, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D32155 (447910)	0.5	6.47	2	288	0.9	<1	1.63	<0.5	45	3.2	104	13.5	2.10	14	
D32156 (447911)	<0.5	6.80	1	220	1.4	<1	1.96	<0.5	47	2.8	120	3.9	2.43	15	
D32157 (447912)	<0.5	7.17	<1	311	1.0	<1	1.58	<0.5	23	1.7	98.9	2.2	1.57	17	
D32158 (447913)	<0.5	7.34	<1	324	1.0	<1	1.66	<0.5	23	1.6	110	3.1	1.63	16	
D32159 (447914)	<0.5	6.69	<1	262	1.2	<1	1.88	<0.5	61	2.5	119	1.0	2.61	15	
D32160 (447915)	<0.5	6.54	<1	209	0.9	<1	1.86	<0.5	46	4.2	108	20.9	2.43	15	
D32161 (447916)	<0.5	6.46	<1	442	1.0	<1	1.77	<0.5	54	0.9	120	3.6	2.46	15	
D32162 (447917)	<0.5	6.59	<1	219	1.2	<1	1.58	<0.5	52	1.9	126	11.7	2.29	16	
D32163 (447918)	<0.5	7.30	<1	547	0.9	<1	0.58	<0.5	16	<0.5	74.8	1.3	0.53	14	
D32164 (447919)	<0.5	7.63	2	280	1.5	<1	1.18	<0.5	38	0.6	93.3	1.3	0.62	16	
D32165 (447920)	<0.5	6.63	1	306	1.1	<1	1.63	<0.5	47	2.9	113	22.3	2.42	15	
D32166 (447921)	<0.5	7.26	<1	178	<0.5	<1	6.26	<0.5	8	37.5	159	99.2	7.51	16	
D32167 (447922)	<0.5	6.76	<1	277	1.1	<1	1.65	<0.5	39	3.2	116	57.3	2.36	15	
D32168 (447923)	<0.5	6.48	1	323	1.1	<1	1.64	<0.5	47	2.5	97.8	20.9	2.32	14	
D32169 (447924)	<0.5	7.20	2	744	0.9	<1	0.60	<0.5	70	0.7	108	12.6	1.10	14	
D32170 (447925)	<0.5	6.39	2	314	1.3	<1	1.63	<0.5	76	2.6	131	23.9	2.19	15	
D32171 (447926)	0.6	6.75	<1	218	1.0	<1	1.74	<0.5	29	3.5	121	72.3	2.31	15	
D32172 (447927)	<0.5	0.17	<1	19	<0.5	<1	32.6	<0.5	<1	0.5	8.0	<0.5	0.11	<5	
D32173 (447928)	<0.5	4.80	1	303	0.6	<1	1.30	<0.5	24	3.0	122	79.8	2.06	11	
D32174 (447929)	0.5	7.11	<1	450	0.9	<1	1.63	<0.5	49	3.8	104	65.4	2.15	15	
D32175 (447930)	<0.5	6.51	<1	305	0.9	<1	2.00	<0.5	25	2.3	87.1	20.9	2.31	15	
D32176 (447931)	<0.5	6.62	<1	305	0.9	<1	1.66	<0.5	42	2.7	92.9	49.2	2.34	14	
D32177 (447932)	<0.5	6.65	2	321	1.1	<1	1.63	<0.5	45	2.5	130	8.9	2.39	16	
D32178 (447933)	<0.5	6.68	<1	313	1.1	<1	1.61	<0.5	47	2.6	106	9.5	2.39	15	
D32179 (447934)	<0.5	6.67	<1	393	1.0	<1	1.65	<0.5	49	3.0	104	1.5	2.55	14	
D32180 (447935)	0.5	6.62	2	359	0.9	<1	1.70	<0.5	51	2.9	105	3.4	2.46	14	
D32181 (447936)	<0.5	6.68	<1	374	0.9	<1	1.70	<0.5	51	3.1	94.2	2.2	2.62	16	
D32182 (447937)	<0.5	6.78	<1	378	0.9	<1	1.71	<0.5	47	2.7	91.4	2.6	2.50	15	
D32183 (447938)	0.6	6.76	<1	407	1.1	<1	1.61	<0.5	44	2.7	94.1	13.6	2.28	15	
D32184 (447939)	<0.5	6.88	<1	497	1.8	<1	3.45	<0.5	46	14.5	134	<0.5	4.86	17	
D32185 (447940)	<0.5	6.27	<1	326	0.9	<1	1.57	<0.5	49	3.2	96.1	7.0	2.31	14	
D32186 (447941)	<0.5	7.11	<1	139	<0.5	<1	6.59	<0.5	<1	39.2	166	147	7.71	14	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506411

PROJECT: AGAT00740

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019	DATE RECEIVED: Aug 16, 2019							DATE REPORTED: Sep 27, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D32187 (447942)	<0.5	6.51	2	359	0.9	<1	1.75	<0.5	48	3.5	88.2	37.5	2.37	14	
D32188 (447943)	<0.5	6.42	<1	325	0.8	<1	1.73	<0.5	47	2.6	98.0	29.0	2.38	15	
D32189 (447944)	0.7	6.44	4	392	1.4	<1	1.62	<0.5	43	3.8	91.7	21.3	2.31	14	
D32190 (447945)	<0.5	7.11	<1	408	1.5	<1	1.75	<0.5	41	2.9	112	9.2	2.09	16	
D32191 (447946)	<0.5	6.86	<1	340	1.1	<1	1.64	<0.5	52	3.6	107	11.1	2.55	15	
D32192 (447947)	<0.5	0.13	<1	17	<0.5	<1	31.0	<0.5	<1	0.6	7.8	<0.5	0.11	<5	
D32193 (447948)	<0.5	6.67	2	606	1.5	<1	2.28	<0.5	24	2.4	75.3	11.6	1.18	13	
D32194 (447949)	<0.5	6.21	<1	298	1.0	<1	5.03	<0.5	43	3.0	68.8	7.1	2.12	14	

Certified By:





## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 27, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
C66971 (447878)		<1	4.06	13	4	0.24	109	11.7	2.86	5.0	47	<20	<50	0.01	<1
C66972 (447879)		<1	0.05	2	1	2.39	108	0.7	0.06	1.0	71	<20	<50	0.08	<1
C66973 (447880)		<1	4.88	17	2	0.04	49	12.1	3.07	2.4	134	<20	<50	<0.01	<1
C66974 (447881)		<1	1.63	9	9	0.39	181	9.6	3.91	4.6	152	<20	<50	0.02	<1
C66975 (447882)		<1	1.62	27	10	0.26	184	15.7	4.35	5.0	350	<20	<50	0.03	<1
C66976 (447883)		<1	1.18	20	10	0.31	306	13.1	3.80	4.7	305	<20	<50	0.06	<1
C66977 (447884)		<1	1.43	20	17	0.33	226	13.6	3.91	5.8	342	<20	<50	0.06	<1
C66978 (447885)		<1	1.49	20	18	0.35	234	13.8	4.09	6.6	349	<20	<50	0.06	<1
C66979 (447886)		<1	0.60	20	8	0.30	265	14.9	3.95	5.8	297	<20	<50	0.18	<1
C66980 (447887)		<1	0.75	22	9	0.48	327	14.9	3.68	9.8	239	<20	<50	0.15	<1
C66981 (447888)		<1	0.80	26	9	0.36	260	12.5	3.76	7.1	249	<20	<50	0.19	<1
C66982 (447889)		<1	0.91	25	8	0.41	289	13.8	3.87	6.8	260	<20	<50	0.10	<1
C66983 (447890)		<1	0.96	27	8	0.41	284	16.9	3.83	9.7	261	<20	<50	0.56	<1
C66984 (447891)		<1	1.78	10	8	0.25	199	12.6	4.26	3.2	168	<20	<50	0.02	<1
C66985 (447892)		<1	1.45	7	9	0.20	176	16.0	4.34	3.3	193	<20	<50	0.08	<1
C66986 (447893)		<1	0.21	3	13	4.42	1370	1.4	2.41	84.6	422	<20	<50	0.16	<1
C66987 (447894)		<1	0.58	30	8	0.30	253	17.2	3.52	8.9	245	54	<50	0.62	<1
C66988 (447895)		<1	0.85	24	8	0.40	378	15.0	4.14	6.7	303	<20	<50	0.16	<1
C66989 (447896)		<1	0.92	29	10	0.42	376	14.5	3.95	8.5	251	<20	<50	0.13	<1
C66990 (447897)		<1	0.92	28	7	0.37	470	14.4	4.17	5.7	355	<20	<50	0.09	<1
C66991 (447898)		<1	1.05	32	9	0.36	346	15.7	4.05	11.8	187	<20	<50	0.02	<1
C66992 (447899)		<1	0.02	2	1	3.66	136	0.6	0.07	0.8	81	<20	<50	0.07	<1
C66993 (447900)		<1	0.98	18	7	0.32	319	17.7	3.92	7.4	224	<20	<50	0.06	<1
C66994 (447901)		<1	2.99	45	6	0.44	110	8.9	3.90	3.0	211	<20	<50	0.04	<1
C66995 (447902)		<1	1.27	18	8	0.65	449	16.6	3.88	13.3	320	<20	<50	0.08	<1
C66996 (447903)		<1	3.03	44	7	0.71	630	12.7	3.12	15.5	251	<20	<50	0.04	<1
C66997 (447904)		<1	0.90	21	6	0.30	315	15.4	3.92	5.5	249	<20	<50	0.11	<1
C66998 (447905)		<1	0.87	23	6	0.30	316	15.9	3.97	5.8	246	<20	<50	0.12	<1
C66999 (447906)		<1	2.69	32	24	1.16	556	13.3	3.18	24.2	123	<20	<50	0.12	<1
C67000 (447907)		<1	0.87	24	10	0.31	233	14.2	3.67	4.8	283	<20	<50	0.31	<1
D32153 (447908)		<1	0.90	21	16	0.30	255	16.3	3.74	4.4	314	<20	<50	0.11	<1
D32154 (447909)		<1	0.71	20	14	0.28	237	14.4	3.89	4.3	299	<20	<50	0.08	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506411

PROJECT: AGAT00740

5623 McADAM ROAD  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 27, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D32155 (447910)		<1	0.81	22	8	0.22	189	19.1	3.95	4.6	263	<20	<50	0.29	<1
D32156 (447911)		<1	0.72	21	15	0.31	259	14.9	4.16	4.8	309	<20	<50	0.12	<1
D32157 (447912)		<1	1.18	10	12	0.23	216	13.9	4.04	3.8	264	<20	<50	0.08	<1
D32158 (447913)		<1	1.18	10	13	0.25	224	14.7	4.27	4.1	262	<20	<50	0.08	<1
D32159 (447914)		<1	1.18	28	10	0.43	341	15.5	3.76	7.9	286	<20	<50	0.04	<1
D32160 (447915)		<1	0.59	22	13	0.26	210	18.1	3.77	5.0	309	<20	<50	0.35	<1
D32161 (447916)		<1	1.00	27	19	0.25	224	19.1	3.57	3.9	310	<20	<50	0.07	<1
D32162 (447917)		<1	0.82	26	15	0.30	280	16.4	3.77	4.1	290	<20	<50	0.10	<1
D32163 (447918)		<1	5.95	8	3	0.10	80	13.8	2.22	2.9	113	23	51	0.01	<1
D32164 (447919)		<1	3.13	19	4	0.10	96	16.5	3.48	2.6	158	20	<50	0.02	<1
D32165 (447920)		<1	0.96	23	19	0.30	256	14.6	3.64	4.1	296	<20	<50	0.12	<1
D32166 (447921)		<1	0.45	10	11	4.25	1270	1.7	2.37	103	820	<20	<50	0.10	<1
D32167 (447922)		<1	1.16	19	20	0.28	252	14.5	3.64	4.4	304	<20	<50	0.27	<1
D32168 (447923)		<1	1.10	23	18	0.30	245	14.4	3.55	4.4	277	<20	<50	0.12	<1
D32169 (447924)		<1	5.59	34	9	0.18	126	15.7	2.23	3.3	501	<20	50	0.08	<1
D32170 (447925)		<1	1.49	41	14	0.38	290	16.8	3.42	6.1	239	<20	<50	0.13	<1
D32171 (447926)		<1	0.87	12	14	0.29	231	18.1	3.65	4.6	296	<20	<50	0.38	<1
D32172 (447927)		<1	0.04	2	<1	1.56	112	0.9	0.10	<0.5	70	<20	<50	0.08	<1
D32173 (447928)		<1	0.96	9	15	0.22	164	23.6	2.53	6.0	221	<20	<50	0.33	<1
D32174 (447929)		<1	1.45	17	18	0.27	187	16.1	3.81	6.5	297	<20	<50	0.36	<1
D32175 (447930)		<1	1.02	9	18	0.28	232	12.4	3.55	4.6	287	<20	<50	0.14	<1
D32176 (447931)		<1	1.06	20	18	0.28	231	14.4	3.59	3.7	270	<20	<50	0.32	<1
D32177 (447932)		<1	1.29	23	19	0.27	287	15.7	3.57	4.3	280	<20	<50	0.07	<1
D32178 (447933)		<1	1.31	24	19	0.27	291	12.5	3.57	3.7	265	<20	<50	0.08	<1
D32179 (447934)		<1	1.38	23	22	0.30	256	13.4	3.54	4.3	289	<20	<50	0.03	<1
D32180 (447935)		<1	1.30	25	22	0.28	254	15.5	3.64	4.1	285	<20	<50	0.06	<1
D32181 (447936)		<1	1.37	26	22	0.30	274	14.1	3.55	4.3	296	<20	<50	0.04	<1
D32182 (447937)		<1	1.35	23	21	0.28	277	16.2	3.60	4.1	305	<20	<50	0.04	<1
D32183 (447938)		<1	1.48	22	18	0.26	262	15.9	3.69	5.3	271	<20	<50	0.14	<1
D32184 (447939)		<1	1.98	25	57	2.05	883	10.4	2.68	21.8	984	<20	<50	0.04	<1
D32185 (447940)		<1	1.04	25	19	0.27	273	15.1	3.57	4.5	272	<20	<50	0.08	<1
D32186 (447941)		<1	0.21	4	13	4.30	1330	1.5	2.34	83.0	423	<20	<50	0.17	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506411

PROJECT: AGAT00740

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019	DATE RECEIVED: Aug 16, 2019					DATE REPORTED: Sep 27, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D32187 (447942)	<1	1.41	23	14	0.28	288	14.3	3.39	4.6	269	<20	<50	0.27	<1	
D32188 (447943)	<1	1.33	23	17	0.28	282	16.2	3.46	4.5	282	<20	<50	0.18	<1	
D32189 (447944)	<1	1.24	21	13	0.35	278	15.6	3.67	6.4	266	<20	<50	0.13	<1	
D32190 (447945)	<1	1.42	21	19	0.36	249	14.0	3.79	5.6	281	<20	<50	0.06	<1	
D32191 (447946)	<1	1.16	27	18	0.30	307	13.7	3.75	5.2	291	<20	<50	0.08	<1	
D32192 (447947)	<1	0.03	<2	1	2.02	118	1.0	0.07	<0.5	78	<20	<50	0.09	<1	
D32193 (447948)	<1	2.46	12	10	0.54	281	14.3	3.50	17.6	331	<20	<50	0.05	<1	
D32194 (447949)	<1	1.16	22	14	0.48	282	8.4	3.38	3.5	262	<20	<50	0.06	<1	

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## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 27, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
C66971 (447878)	2	<10	<5	111	<10	<10	10	0.02	<5	<50	7.5	<1	3	8.0
C66972 (447879)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	3.2
C66973 (447880)	<1	<10	<5	113	<10	<10	11	0.02	<5	<50	3.4	1	4	6.5
C66974 (447881)	3	<10	<5	281	<10	<10	<5	0.08	<5	<50	13.8	<1	4	22.1
C66975 (447882)	5	<10	<5	197	<10	<10	15	0.12	<5	<50	13.8	<1	14	17.7
C66976 (447883)	8	<10	<5	175	<10	<10	<5	0.22	<5	<50	20.1	<1	28	27.6
C66977 (447884)	6	<10	<5	234	<10	<10	<5	0.21	<5	<50	20.0	<1	19	21.0
C66978 (447885)	6	<10	<5	246	<10	<10	<5	0.22	<5	<50	20.4	<1	19	22.3
C66979 (447886)	8	<10	<5	180	<10	<10	<5	0.22	<5	<50	17.9	<1	30	25.6
C66980 (447887)	8	<10	<5	205	<10	<10	8	0.19	<5	<50	19.4	<1	27	22.2
C66981 (447888)	9	<10	<5	149	<10	<10	8	0.21	<5	<50	21.5	<1	29	22.4
C66982 (447889)	10	<10	<5	155	<10	<10	12	0.21	<5	<50	22.5	<1	33	22.0
C66983 (447890)	8	<10	<5	183	<10	<10	14	0.18	<5	<50	20.7	<1	29	127
C66984 (447891)	3	<10	<5	398	<10	<10	<5	0.09	<5	<50	14.4	<1	6	26.5
C66985 (447892)	3	<10	<5	333	<10	<10	<5	0.11	<5	<50	12.5	<1	8	26.3
C66986 (447893)	46	<10	<5	114	<10	<10	<5	0.70	<5	<50	308	<1	22	81.8
C66987 (447894)	8	<10	<5	166	<10	<10	18	0.20	<5	<50	15.1	<1	32	203
C66988 (447895)	12	<10	<5	183	<10	<10	<5	0.23	<5	<50	22.0	<1	34	31.8
C66989 (447896)	13	<10	<5	151	<10	<10	11	0.20	<5	<50	24.4	<1	29	29.5
C66990 (447897)	31	<10	<5	128	<10	<10	15	0.15	<5	<50	18.9	<1	36	41.0
C66991 (447898)	10	<10	<5	124	<10	<10	26	0.08	<5	<50	20.5	<1	10	27.5
C66992 (447899)	1	<10	<5	65	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	4.4
C66993 (447900)	6	<10	<5	108	<10	<10	8	0.16	<5	<50	18.6	<1	13	34.4
C66994 (447901)	2	<10	<5	121	<10	<10	31	0.05	<5	<50	9.8	<1	8	7.7
C66995 (447902)	11	<10	<5	178	<10	<10	8	0.20	<5	<50	32.6	<1	19	30.9
C66996 (447903)	28	<10	<5	126	<10	<10	39	0.12	<5	<50	34.1	<1	19	34.8
C66997 (447904)	9	<10	<5	136	<10	<10	8	0.23	<5	<50	22.8	<1	27	27.2
C66998 (447905)	9	<10	<5	138	<10	<10	8	0.21	<5	<50	22.1	<1	27	27.9
C66999 (447906)	15	<10	<5	200	<10	<10	20	0.33	<5	<50	66.0	<1	15	28.9
C67000 (447907)	10	<10	<5	129	<10	<10	<5	0.23	<5	<50	20.1	<1	29	23.5
D32153 (447908)	9	<10	<5	139	<10	<10	<5	0.24	<5	<50	21.2	<1	34	20.5
D32154 (447909)	9	<10	<5	141	<10	<10	<5	0.25	<5	<50	18.7	<1	32	18.3

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19B506411

PROJECT: AGAT00740

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 27, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D32155 (447910)	6	<10	<5	147	<10	<10	<5	0.20	<5	<50	15.9	<1	25	24.3
D32156 (447911)	9	<10	<5	217	<10	<10	<5	0.24	<5	<50	21.3	<1	27	31.1
D32157 (447912)	4	<10	<5	305	<10	<10	<5	0.14	<5	<50	14.6	<1	15	28.1
D32158 (447913)	4	<10	<5	319	<10	<10	<5	0.14	<5	<50	14.2	<1	15	30.2
D32159 (447914)	8	<10	<5	196	<10	<10	20	0.23	<5	<50	22.8	<1	28	25.5
D32160 (447915)	8	<10	<5	155	<10	<10	<5	0.22	<5	<50	16.8	<1	28	18.5
D32161 (447916)	9	<10	<5	149	<10	<10	<5	0.25	<5	<50	21.8	<1	31	26.0
D32162 (447917)	8	<10	<5	116	<10	<10	<5	0.21	<5	<50	17.7	<1	19	40.2
D32163 (447918)	1	<10	<5	98	<10	<10	6	0.04	<5	<50	3.5	1	4	8.3
D32164 (447919)	2	<10	<5	107	<10	<10	13	0.05	<5	<50	3.4	<1	6	14.3
D32165 (447920)	8	<10	<5	123	<10	<10	<5	0.23	<5	<50	17.4	<1	29	29.8
D32166 (447921)	34	<10	<5	244	<10	<10	<5	0.83	<5	<50	238	<1	22	87.8
D32167 (447922)	7	<10	<5	123	<10	<10	<5	0.22	<5	<50	18.1	<1	28	43.5
D32168 (447923)	8	<10	<5	130	<10	<10	<5	0.22	<5	<50	20.6	<1	26	27.7
D32169 (447924)	3	<10	<5	98	<10	<10	22	0.09	<5	<50	6.0	<1	16	17.4
D32170 (447925)	8	<10	<5	117	<10	<10	10	0.20	<5	<50	21.8	<1	24	111
D32171 (447926)	9	<10	<5	130	<10	<10	<5	0.22	<5	<50	16.1	<1	31	44.5
D32172 (447927)	<1	<10	<5	73	<10	<10	<5	<0.01	<5	<50	1.2	<1	3	3.0
D32173 (447928)	6	<10	<5	93	<10	<10	<5	0.17	<5	<50	11.8	<1	23	22.0
D32174 (447929)	8	<10	<5	136	<10	<10	<5	0.26	<5	<50	14.6	<1	45	36.7
D32175 (447930)	8	<10	<5	127	<10	<10	<5	0.23	<5	<50	17.0	<1	29	60.0
D32176 (447931)	8	<10	<5	120	<10	<10	<5	0.23	<5	<50	16.2	<1	28	77.2
D32177 (447932)	11	<10	<5	124	<10	<10	<5	0.21	<5	<50	17.1	<1	30	35.0
D32178 (447933)	11	<10	<5	123	<10	<10	<5	0.22	<5	<50	17.0	<1	31	33.9
D32179 (447934)	9	<10	<5	138	<10	<10	<5	0.23	<5	<50	16.2	<1	29	20.4
D32180 (447935)	8	<10	<5	135	<10	<10	<5	0.23	<5	<50	16.4	<1	32	19.1
D32181 (447936)	9	<10	<5	126	<10	<10	<5	0.25	<5	<50	16.9	<1	30	20.8
D32182 (447937)	8	<10	<5	126	<10	<10	<5	0.24	<5	<50	17.6	<1	31	20.4
D32183 (447938)	8	<10	<5	129	<10	<10	<5	0.21	<5	<50	16.9	<1	29	23.1
D32184 (447939)	14	<10	<5	228	<10	<10	<5	0.37	<5	<50	86.1	<1	25	74.7
D32185 (447940)	8	<10	<5	126	<10	<10	<5	0.21	<5	<50	16.6	<1	28	24.3
D32186 (447941)	45	<10	<5	110	<10	<10	<5	0.67	<5	<50	303	<1	22	81.5

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506411

PROJECT: AGAT00740

5623 McADAM ROAD  
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TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 27, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
D32187 (447942)	8	<10	<5	110	<10	<10	<5	0.22	<5	<50	17.2	<1	29	35.7
D32188 (447943)	8	<10	<5	114	<10	<10	<5	0.22	<5	<50	18.4	<1	30	33.4
D32189 (447944)	7	<10	<5	134	<10	<10	<5	0.20	<5	<50	18.3	<1	25	30.5
D32190 (447945)	6	<10	<5	230	<10	<10	<5	0.19	<5	<50	21.1	<1	17	29.2
D32191 (447946)	8	<10	<5	119	<10	<10	<5	0.23	<5	<50	18.0	<1	29	28.5
D32192 (447947)	<1	<10	<5	72	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	3.0
D32193 (447948)	4	<10	<5	171	<10	<10	6	0.09	<5	<50	18.3	<1	8	17.3
D32194 (447949)	7	<10	<5	135	<10	<10	<5	0.19	<5	<50	16.3	<1	24	23.1

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## Certificate of Analysis

AGAT WORK ORDER: 19B506411

PROJECT: AGAT00740

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 27, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
C66971 (447878)			10
C66972 (447879)			<5
C66973 (447880)			8
C66974 (447881)			80
C66975 (447882)			90
C66976 (447883)			119
C66977 (447884)			76
C66978 (447885)			72
C66979 (447886)			88
C66980 (447887)			84
C66981 (447888)			80
C66982 (447889)			76
C66983 (447890)			67
C66984 (447891)			81
C66985 (447892)			82
C66986 (447893)			55
C66987 (447894)			65
C66988 (447895)			78
C66989 (447896)			70
C66990 (447897)			61
C66991 (447898)			44
C66992 (447899)			<5
C66993 (447900)			90
C66994 (447901)			5
C66995 (447902)			66
C66996 (447903)			31
C66997 (447904)			83
C66998 (447905)			83
C66999 (447906)			63
C67000 (447907)			111
D32153 (447908)			89
D32154 (447909)			81

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19B506411

PROJECT: AGAT00740

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 27, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D32155 (447910)			97
D32156 (447911)			83
D32157 (447912)			78
D32158 (447913)			76
D32159 (447914)			82
D32160 (447915)			78
D32161 (447916)			102
D32162 (447917)			112
D32163 (447918)			14
D32164 (447919)			20
D32165 (447920)			105
D32166 (447921)			81
D32167 (447922)			99
D32168 (447923)			99
D32169 (447924)			37
D32170 (447925)			96
D32171 (447926)			96
D32172 (447927)			<5
D32173 (447928)			69
D32174 (447929)			122
D32175 (447930)			100
D32176 (447931)			93
D32177 (447932)			90
D32178 (447933)			100
D32179 (447934)			104
D32180 (447935)			123
D32181 (447936)			103
D32182 (447937)			113
D32183 (447938)			119
D32184 (447939)			115
D32185 (447940)			117
D32186 (447941)			53

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19B506411

PROJECT: AGAT00740

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 27, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
Sample ID (AGAT ID)	RDL:
	5
D32187 (447942)	92
D32188 (447943)	95
D32189 (447944)	109
D32190 (447945)	105
D32191 (447946)	118
D32192 (447947)	<5
D32193 (447948)	27
D32194 (447949)	91

Comments: RDL - Reported Detection Limit

447878-447949 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506411

PROJECT: AGAT00740

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 27, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C66971 (447878)			0.002
C66972 (447879)			<0.001
C66973 (447880)			0.001
C66974 (447881)			0.004
C66975 (447882)			0.007
C66976 (447883)			0.006
C66977 (447884)			0.010
C66978 (447885)			0.008
C66979 (447886)			0.015
C66980 (447887)			0.013
C66981 (447888)			0.018
C66982 (447889)			0.009
C66983 (447890)			0.039
C66984 (447891)			0.008
C66985 (447892)			0.020
C66986 (447893)			0.520
C66987 (447894)			0.059
C66988 (447895)			0.013
C66989 (447896)			0.012
C66990 (447897)			0.006
C66991 (447898)			0.016
C66992 (447899)			0.001
C66993 (447900)			0.005
C66994 (447901)			0.002
C66995 (447902)			0.007
C66996 (447903)			0.004
C66997 (447904)			0.012
C66998 (447905)			0.014
C66999 (447906)			0.007
C67000 (447907)			0.022
D32153 (447908)			0.011
D32154 (447909)			0.009

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506411

PROJECT: AGAT00740

5623 McADAM ROAD  
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 FAX (905)501-0589  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 27, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D32155 (447910)			0.031
D32156 (447911)			0.013
D32157 (447912)			0.009
D32158 (447913)			0.009
D32159 (447914)			0.006
D32160 (447915)			0.022
D32161 (447916)			0.006
D32162 (447917)			0.008
D32163 (447918)			0.001
D32164 (447919)			0.002
D32165 (447920)			0.035
D32166 (447921)			0.343
D32167 (447922)			0.038
D32168 (447923)			0.018
D32169 (447924)			0.007
D32170 (447925)			0.026
D32171 (447926)			0.060
D32172 (447927)			0.002
D32173 (447928)			0.022
D32174 (447929)			0.035
D32175 (447930)			0.075
D32176 (447931)			0.077
D32177 (447932)			0.023
D32178 (447933)			0.025
D32179 (447934)			0.071
D32180 (447935)			0.012
D32181 (447936)			0.018
D32182 (447937)			0.021
D32183 (447938)			0.029
D32184 (447939)			0.007
D32185 (447940)			0.028
D32186 (447941)			0.535

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506411

PROJECT: AGAT00740

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 27, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D32187 (447942)			0.059
D32188 (447943)			0.059
D32189 (447944)			1.50
D32190 (447945)			0.017
D32191 (447946)			0.031
D32192 (447947)			0.001
D32193 (447948)			0.010
D32194 (447949)			0.011

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506411

PROJECT: AGAT00740

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 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 15, 2019

DATE RECEIVED: Aug 16, 2019

DATE REPORTED: Sep 27, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
C66971 (447878)		81
C66991 (447898)		79
D32163 (447918)		78
D32183 (447938)		77

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	447878	< 0.5	< 0.5	0.0%	447892	0.50	0.42	17.4%	447902	< 0.5	< 0.5	0.0%	447917	< 0.5	< 0.5	0.0%
Al	447878	6.88	6.72	2.4%	447892	7.37	7.47	1.3%	447902	6.40	6.35	0.8%	447917	6.59	6.57	0.3%
As	447878	3	< 1		447892	2	< 1		447902	< 1	< 1	0.0%	447917	< 1	< 1	0.0%
Ba	447878	372	361	3.0%	447892	407	405	0.5%	447902	417	437	4.7%	447917	219	210	4.2%
Be	447878	1.3	1.3	0.0%	447892	1.0	1.0	0.0%	447902	1.41	1.32	6.6%	447917	1.2	1.2	0.0%
Bi	447878	< 1	< 1	0.0%	447892	< 1	< 1	0.0%	447902	< 1	< 1	0.0%	447917	< 1	< 1	0.0%
Ca	447878	2.45	2.18	11.7%	447892	1.39	1.37	1.4%	447902	2.41	2.33	3.4%	447917	1.58	1.54	2.6%
Cd	447878	< 0.5	< 0.5	0.0%	447892	< 0.5	< 0.5	0.0%	447902	< 0.5	< 0.5	0.0%	447917	< 0.5	< 0.5	0.0%
Ce	447878	28	36	25.0%	447892	17	18	5.7%	447902	43	47	8.9%	447917	52	53	1.9%
Co	447878	0.53	0.68	24.8%	447892	0.99	1.08	8.7%	447902	4.3	3.9	9.8%	447917	1.9	2.1	10.0%
Cr	447878	68.4	58.1	16.3%	447892	103	96.5	6.5%	447902	140	130	7.4%	447917	126	118	6.6%
Cu	447878	0.44	0.55	22.2%	447892	3.51	3.23	8.3%	447902	3.9	3.6	8.0%	447917	11.7	11.3	3.5%
Fe	447878	0.684	0.749	9.1%	447892	1.14	1.15	0.9%	447902	2.90	2.79	3.9%	447917	2.29	2.27	0.9%
Ga	447878	14	14	0.0%	447892	17	18	5.7%	447902	15	15	0.0%	447917	16	16	0.0%
In	447878	< 1	< 1	0.0%	447892	< 1	< 1	0.0%	447902	< 1	< 1	0.0%	447917	< 1	< 1	0.0%
K	447878	4.06	3.99	1.7%	447892	1.45	1.47	1.4%	447902	1.27	1.30	2.3%	447917	0.821	0.813	1.0%
La	447878	13	17	26.7%	447892	7	7	0.0%	447902	18	20	10.5%	447917	26	26	0.0%
Li	447878	4	4	0.0%	447892	9	9	0.0%	447902	8	7	13.3%	447917	15	14	6.9%
Mg	447878	0.243	0.267	9.4%	447892	0.20	0.20	0.0%	447902	0.646	0.623	3.6%	447917	0.30	0.29	3.4%
Mn	447878	109	130	17.6%	447892	176	176	0.0%	447902	449	428	4.8%	447917	280	275	1.8%
Mo	447878	11.7	11.4	2.6%	447892	16.0	16.5	3.1%	447902	16.6	16.3	1.8%	447917	16.4	16.3	0.6%
Na	447878	2.86	2.74	4.3%	447892	4.34	4.30	0.9%	447902	3.88	3.69	5.0%	447917	3.77	3.67	2.7%
Ni	447878	5.0	5.4	7.7%	447892	3.29	3.23	1.8%	447902	13.3	12.0	10.3%	447917	4.1	4.1	0.0%
P	447878	47	48	2.1%	447892	193	188	2.6%	447902	320	346	7.8%	447917	290	291	0.3%
Pb	447878	< 20	< 20	0.0%	447892	< 20	< 20	0.0%	447902	< 20	< 20	0.0%	447917	< 20	< 20	0.0%
Rb	447878	< 50	< 50	0.0%	447892	< 50	< 50	0.0%	447902	< 50	< 50	0.0%	447917	< 50	< 50	0.0%
S	447878	0.01	0.01	0.0%	447892	0.08	0.08	0.0%	447902	0.08	0.08	0.0%	447917	0.10	0.10	0.0%
Sb	447878	< 1	< 1	0.0%	447892	< 1	< 1	0.0%	447902	< 1	< 1	0.0%	447917	< 1	< 1	0.0%
Sc	447878	2	2	0.0%	447892	3	3	0.0%	447902	11	11	0.0%	447917	8	7	13.3%
Se	447878	< 10	< 10	0.0%	447892	< 10	< 10	0.0%	447902	< 10	< 10	0.0%	447917	< 10	< 10	0.0%
Sn	447878	< 5	< 5	0.0%	447892	< 5	< 5	0.0%	447902	< 5	< 5	0.0%	447917	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	447878	111	112	0.9%	447892	333	328	1.5%	447902	178	170	4.6%	447917	116	113	2.6%
Ta	447878	< 10	< 10	0.0%	447892	< 10	< 10	0.0%	447902	< 10	< 10	0.0%	447917	< 10	< 10	0.0%
Te	447878	< 10	< 10	0.0%	447892	< 10	< 10	0.0%	447902	< 10	< 10	0.0%	447917	< 10	< 10	0.0%
Th	447878	10	11	9.5%	447892	< 5	< 5	0.0%	447902	8	8	0.0%	447917	< 5	< 5	0.0%
Ti	447878	0.02	0.02	0.0%	447892	0.11	0.11	0.0%	447902	0.20	0.20	0.0%	447917	0.21	0.21	0.0%
Tl	447878	< 5	< 5	0.0%	447892	< 5	< 5	0.0%	447902	< 5	< 5	0.0%	447917	< 5	< 5	0.0%
U	447878	< 50	< 50	0.0%	447892	< 50	< 50	0.0%	447902	< 50	< 50	0.0%	447917	< 50	< 50	0.0%
V	447878	7.51	8.31	10.1%	447892	12.5	12.9	3.1%	447902	32.6	32.5	0.3%	447917	17.7	17.8	0.6%
W	447878	< 1	< 1	0.0%	447892	< 1	< 1	0.0%	447902	< 1	< 1	0.0%	447917	< 1	< 1	0.0%
Y	447878	3	3	0.0%	447892	8	8	0.0%	447902	19	19	0.0%	447917	19	18	5.4%
Zn	447878	8.0	8.5	6.1%	447892	26.3	25.2	4.3%	447902	30.9	28.4	8.4%	447917	40.2	38.6	4.1%
Zr	447878	10	10	0.0%	447892	82	85	3.6%	447902	66	63	4.7%	447917	112	113	0.9%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	447928	< 0.5	< 0.5	0.0%	447937	< 0.5	< 0.5	0.0%								
Al	447928	4.80	3.99	18.4%	447937	6.78	6.71	1.0%								
As	447928	1	< 1		447937	< 1	< 1	0.0%								
Ba	447928	303	249	19.6%	447937	378	359	5.2%								
Be	447928	0.6	0.52	17.5%	447937	0.9	0.9	0.0%								
Bi	447928	< 1	< 1	0.0%	447937	< 1	< 1	0.0%								
Ca	447928	1.30	1.10	16.7%	447937	1.71	1.65	3.6%								
Cd	447928	< 0.5	< 0.5	0.0%	447937	< 0.5	< 0.5	0.0%								
Ce	447928	24	25	4.1%	447937	47	44	6.6%								
Co	447928	3.0	3.0	0.0%	447937	2.7	2.8	3.6%								
Cr	447928	122	102	17.9%	447937	91.4	83.1	9.5%								
Cu	447928	79.8	68.7	14.9%	447937	2.59	2.32	11.0%								
Fe	447928	2.06	2.05	0.5%	447937	2.50	2.47	1.2%								
Ga	447928	11	9	20.0%	447937	15	15	0.0%								
In	447928	< 1	< 1	0.0%	447937	< 1	< 1	0.0%								
K	447928	0.96	0.80	18.2%	447937	1.35	1.34	0.7%								
La	447928	9	7	25.0%	447937	23	22	4.4%								
Li	447928	15	14	6.9%	447937	21	21	0.0%								
Mg	447928	0.22	0.19	14.6%	447937	0.28	0.27	3.6%								
Mn	447928	164	144	13.0%	447937	277	275	0.7%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	447928	23.6	16.1	37.8%	447937	16.2	16.4	1.2%								
Na	447928	2.53	2.13	17.2%	447937	3.60	3.53	2.0%								
Ni	447928	6.0	7.3	19.5%	447937	4.10	4.26	3.8%								
P	447928	221	196	12.0%	447937	305	288	5.7%								
Pb	447928	< 20	< 20	0.0%	447937	< 20	< 20	0.0%								
Rb	447928	< 50	< 50	0.0%	447937	< 50	< 50	0.0%								
S	447928	0.33	0.33	0.0%	447937	0.04	0.04	0.0%								
Sb	447928	< 1	< 1	0.0%	447937	< 1	< 1	0.0%								
Sc	447928	6	5	18.2%	447937	8	8	0.0%								
Se	447928	< 10	< 10	0.0%	447937	< 10	< 10	0.0%								
Sn	447928	< 5	< 5	0.0%	447937	< 5	< 5	0.0%								
Sr	447928	93	87	6.7%	447937	126	123	2.4%								
Ta	447928	< 10	< 10	0.0%	447937	< 10	< 10	0.0%								
Te	447928	< 10	< 10	0.0%	447937	< 10	< 10	0.0%								
Th	447928	< 5	< 5	0.0%	447937	< 5	< 5	0.0%								
Ti	447928	0.17	0.14	19.4%	447937	0.243	0.235	3.3%								
Tl	447928	< 5	< 5	0.0%	447937	< 5	< 5	0.0%								
U	447928	< 50	< 50	0.0%	447937	< 50	< 50	0.0%								
V	447928	11.8	9.2	24.8%	447937	17.6	17.2	2.3%								
W	447928	< 1	< 1	0.0%	447937	< 1	< 1	0.0%								
Y	447928	23	23	0.0%	447937	31	30	3.3%								
Zn	447928	22.0	23.0	4.4%	447937	20.4	19.3	5.5%								
Zr	447928	69	57	19.0%	447937	113	108	4.5%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	447878	0.002	0.001		447892	0.020	0.018	10.5%	447902	0.007	0.007	0.0%	447917	0.008	0.008	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	447928	0.022	0.018	20.0%	447937	0.021	0.018	15.4%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GS5W)				CRM #3 (ref.GSP5G)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	2.93	97%	90% - 110%
Al	10.95	10.87	99%	90% - 110%	8.17	8.2	100%	90% - 110%	6.96	6.94	100%	90% - 110%	4.75	4.79	101%	90% - 110%
As					26	24	91%	90% - 110%	124	120	97%	90% - 110%				
Ba	340	319	94%	90% - 110%	540	494	92%	90% - 110%	186	176	95%	90% - 110%	216	200	93%	90% - 110%
Be	2.6	2.8	107%	90% - 110%	4.0	3.2	81%	90% - 110%								
Ca	5.72	5.62	98%	90% - 110%	0.907	0.884	97%	90% - 110%	4.01	3.9	97%	90% - 110%	10	9	91%	90% - 110%
Ce	122	111	91%	90% - 110%	98	92	94%	90% - 110%	24	23	95%	90% - 110%				
Co									22.1	20.6	93%	90% - 110%	191	173	91%	90% - 110%
Cr					60.3	63.4	105%	90% - 110%					670	615	91%	90% - 110%
Cu					150	143	95%	90% - 110%	88.6	81.7	92%	90% - 110%	7120	6922	97%	90% - 110%
Fe	4.34	4.04	93%	90% - 110%	3.77	3.61	96%	90% - 110%	7.56	7.26	96%	90% - 110%	12.71	11.49	90%	90% - 110%
Ga	35	35	100%	90% - 110%												
K	1.37	1.48	108%	90% - 110%					2.021	2.145	106%	90% - 110%	0.1021	0.1109	109%	90% - 110%
La	58	57	98%	90% - 110%	44	44	99%	90% - 110%					8.47	8.42	99%	90% - 110%
Li	37	40	108%	90% - 110%	47	48	103%	90% - 110%								
Mg	0.325	0.297	91%	90% - 110%	1.10	1.07	98%	90% - 110%	2.412	2.434	101%	90% - 110%	7.41	7.33	99%	90% - 110%
Mn					780	741	95%	90% - 110%	1510	1411	93%	90% - 110%				
Mo					14	13	96%	90% - 110%					2.49	2.93	117%	90% - 110%
Na	5.267	5.545	105%	90% - 110%	1.624	1.71	105%	90% - 110%	0.617	0.667	108%	90% - 110%	0.112	0.122	109%	90% - 110%
Ni					32	32	101%	90% - 110%	77.1	70	91%	90% - 110%	2480	2382	96%	90% - 110%
P					750	742	99%	90% - 110%	892	890	100%	90% - 110%	731	693	95%	90% - 110%
Pb	10	8	76%	90% - 110%	31	28	91%	90% - 110%								
S									0.348	0.349	100%	90% - 110%				
Sc	1.1	1	95%	90% - 110%	12	13	105%	90% - 110%					21.33	21.42	100%	90% - 110%
Sr	1191	1162	98%	90% - 110%	144	149	104%	90% - 110%	92.8	88.8	96%	90% - 110%	39	38	97%	90% - 110%
Ti	0.172	0.169	98%	90% - 110%	0.53	0.48	90%	90% - 110%					0.419	0.401	96%	90% - 110%
V	8	8	95%	90% - 110%	77	79	103%	90% - 110%					158	164	104%	90% - 110%
Y	119	126	106%	90% - 110%									12.67	13.03	103%	90% - 110%
Zn	93	93	100%	90% - 110%	130	120	92%	90% - 110%	208	206	99%	90% - 110%	112	110	98%	90% - 110%
Zr													35.7	38	107%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GS5W)				CRM #3 (ref.GSP5G)				CRM #4 (ref.GSP7M)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.84	100%	90% - 110%	5.27	5.65	107%	90% - 110%	0.562	0.601	107%	90% - 110%	0.725	0.785	108%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19B506411

PROJECT: AGAT00740

ATTENTION TO: Craig Yuill

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00744

AGAT WORK ORDER: 19B506517

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 13, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

# Certificate of Analysis

AGAT WORK ORDER: 19B506517

PROJECT: AGAT00744

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Aug 16, 2019

DATE RECEIVED: Aug 17, 2019

DATE REPORTED: Sep 13, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D62267 (448875)		0.77
D62268 (448876)		1.56
D62269 (448877)		2.75
D62270 (448878)		3.38
D62271 (448879)		3.55
D62272 (448880)		0.65
D62273 (448881)		3.43
D62274 (448882)		3.60
D62275 (448883)		3.55
D62276 (448884)		2.44
D62277 (448885)		2.27
D62278 (448886)		2.27
D62279 (448887)		1.00
D62280 (448888)		1.68
D62281 (448889)		0.74
D62282 (448890)		3.13
D62283 (448891)		0.91
D62284 (448892)		2.22
D62285 (448893)		2.17
D62286 (448894)		0.10
D62287 (448895)		2.47
D62288 (448896)		2.99
D62289 (448897)		3.61
D62290 (448898)		1.36
D62291 (448899)		1.98
D62292 (448900)		0.61
D62293 (448901)		3.56
D62294 (448902)		3.83
D62295 (448903)		3.21
D62296 (448904)		1.77
D62297 (448905)		2.10

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19B506517

PROJECT: AGAT00744

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 16, 2019

DATE RECEIVED: Aug 17, 2019

DATE REPORTED: Sep 13, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D62298 (448906)		2.10
D62299 (448907)		2.70
D62300 (448908)		2.03
D62301 (448909)		2.25
D62302 (448910)		2.28
D62303 (448911)		2.56
D62304 (448912)		2.27
D62305 (448913)		2.38
D62306 (448914)		0.10
D62307 (448915)		2.47
D62308 (448916)		2.43
D62309 (448917)		1.37
D62310 (448918)		1.11
D62311 (448919)		1.72
D62312 (448920)		0.71
D62313 (448921)		1.68
D62314 (448922)		1.24
D62315 (448923)		2.35
D62316 (448924)		2.21
D62317 (448925)		2.14
D62318 (448926)		2.14
D62319 (448927)		2.34
D62320 (448928)		2.51
D62321 (448929)		2.08
D62322 (448930)		1.80
D62323 (448931)		1.63
D62324 (448932)		1.75
D62325 (448933)		2.49
D62326 (448934)		0.10
D62327 (448935)		2.36
D62328 (448936)		2.33

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506517

PROJECT: AGAT00744

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 16, 2019

DATE RECEIVED: Aug 17, 2019

DATE REPORTED: Sep 13, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D62329 (448937)		2.30
D62330 (448938)		1.92
D62331 (448939)		2.39
D62332 (448940)		0.60
D62333 (448941)		1.53
D62334 (448942)		2.84
D62335 (448943)		2.18
D62336 (448944)		2.78
D62337 (448945)		1.92
D62338 (448946)		1.92

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506517

PROJECT: AGAT00744

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 16, 2019	DATE RECEIVED: Aug 17, 2019							DATE REPORTED: Sep 13, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D62267 (448875)	<0.5	5.83	<1	42	<0.5	<1	5.48	<0.5	<1	37.5	126	61.7	10.5	25	
D62268 (448876)	<0.5	6.82	<1	45	0.5	<1	6.44	<0.5	<1	35.0	49.9	<0.5	12.1	29	
D62269 (448877)	<0.5	7.21	<1	112	0.9	<1	6.31	<0.5	<1	38.5	55.5	124	12.0	28	
D62270 (448878)	<0.5	8.83	<1	107	1.6	<1	5.85	<0.5	14	25.4	68.9	4.5	6.67	23	
D62271 (448879)	<0.5	9.06	<1	111	1.6	<1	6.25	<0.5	9	27.3	74.1	45.5	6.84	23	
D62272 (448880)	<0.5	0.06	<1	14	<0.5	<1	32.5	<0.5	<1	0.5	5.2	<0.5	0.09	<5	
D62273 (448881)	<0.5	9.44	<1	125	0.9	<1	6.31	<0.5	10	28.0	75.2	41.5	6.97	23	
D62274 (448882)	<0.5	9.02	<1	125	0.5	<1	6.66	<0.5	5	32.4	59.2	81.1	8.21	23	
D62275 (448883)	<0.5	9.00	<1	96	1.5	<1	6.15	<0.5	9	27.6	81.7	33.5	6.51	22	
D62276 (448884)	<0.5	9.39	<1	125	0.6	<1	5.87	<0.5	11	29.3	99.9	33.1	7.00	24	
D62277 (448885)	<0.5	9.94	<1	177	2.1	<1	3.10	<0.5	49	12.2	142	13.6	3.28	28	
D62278 (448886)	<0.5	9.79	2	173	2.0	<1	3.08	<0.5	48	11.1	134	13.5	3.26	28	
D62279 (448887)	<0.5	9.27	<1	82	0.8	<1	5.97	<0.5	9	28.8	108	13.8	6.58	23	
D62280 (448888)	<0.5	8.72	<1	115	3.1	<1	5.02	<0.5	7	26.7	107	21.5	5.90	22	
D62281 (448889)	<0.5	6.14	<1	975	2.0	<1	6.46	<0.5	128	36.0	352	43.6	6.59	17	
D62282 (448890)	<0.5	9.65	<1	88	1.6	<1	6.38	<0.5	8	29.6	82.6	19.5	7.04	23	
D62283 (448891)	1.3	6.93	<1	255	1.6	<1	1.56	<0.5	101	19.4	210	2.8	6.63	30	
D62284 (448892)	<0.5	9.38	<1	73	1.5	<1	6.22	<0.5	7	30.7	92.9	6.8	6.15	22	
D62285 (448893)	<0.5	9.25	<1	68	0.7	<1	6.33	<0.5	9	31.0	103	28.1	5.93	21	
D62286 (448894)	<0.5	7.36	<1	141	<0.5	<1	6.99	<0.5	<1	41.5	140	154	8.13	17	
D62287 (448895)	<0.5	7.73	<1	85	1.5	<1	4.50	<0.5	8	28.4	141	204	6.10	23	
D62288 (448896)	<0.5	7.47	<1	58	0.7	<1	6.16	<0.5	<1	57.7	101	597	10.3	28	
D62289 (448897)	<0.5	8.83	<1	75	0.5	<1	6.52	<0.5	2	38.1	88.6	171	7.43	23	
D62290 (448898)	<0.5	7.55	<1	206	1.2	<1	2.36	<0.5	30	8.2	138	53.3	2.35	20	
D62291 (448899)	<0.5	8.27	<1	108	3.3	<1	6.51	<0.5	<1	33.3	84.7	16.4	8.31	27	
D62292 (448900)	<0.5	0.16	<1	13	<0.5	<1	31.7	<0.5	<1	0.9	1.2	<0.5	0.19	<5	
D62293 (448901)	<0.5	7.89	<1	121	2.5	<1	6.63	<0.5	<1	30.0	94.3	30.1	8.59	25	
D62294 (448902)	<0.5	6.80	<1	37	0.6	<1	6.63	<0.5	<1	48.9	46.2	137	12.8	28	
D62295 (448903)	<0.5	6.86	<1	38	0.6	<1	6.60	<0.5	<1	53.8	43.6	225	12.8	29	
D62296 (448904)	<0.5	8.73	<1	93	1.2	<1	4.49	<0.5	40	19.1	111	33.3	4.78	21	
D62297 (448905)	<0.5	8.27	<1	63	<0.5	<1	6.43	<0.5	<1	31.5	52.7	49.3	9.44	27	
D62298 (448906)	<0.5	8.46	<1	66	<0.5	<1	6.63	<0.5	<1	32.4	65.9	50.5	9.74	27	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19B506517

PROJECT: AGAT00744

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 16, 2019	DATE RECEIVED: Aug 17, 2019							DATE REPORTED: Sep 13, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D62299 (448907)	<0.5	7.38	<1	60	<0.5	<1	6.29	<0.5	<1	31.3	51.6	79.0	11.3	29	
D62300 (448908)	<0.5	7.58	<1	78	<0.5	<1	6.49	<0.5	<1	31.7	54.0	65.3	11.2	29	
D62301 (448909)	<0.5	9.67	<1	48	0.6	<1	7.01	<0.5	4	33.6	66.6	<0.5	6.45	21	
D62302 (448910)	<0.5	9.02	<1	43	0.5	<1	6.48	<0.5	3	34.9	71.8	51.1	7.11	22	
D62303 (448911)	<0.5	8.06	<1	41	<0.5	<1	6.51	<0.5	<1	57.9	75.0	295	10.2	28	
D62304 (448912)	<0.5	8.21	<1	42	0.5	<1	6.82	<0.5	<1	44.2	66.6	20.9	10.5	26	
D62305 (448913)	<0.5	7.16	<1	67	0.6	<1	7.00	<0.5	<1	48.9	34.3	91.5	13.6	30	
D62306 (448914)	<0.5	7.58	<1	184	0.7	<1	6.54	<0.5	10	40.1	159	104	7.79	20	
D62307 (448915)	<0.5	6.94	<1	67	0.5	<1	6.50	<0.5	<1	47.4	38.0	163	13.3	29	
D62308 (448916)	<0.5	7.77	<1	98	1.2	<1	5.54	<0.5	<1	39.4	71.1	64.7	9.81	28	
D62309 (448917)	<0.5	7.93	<1	84	0.6	<1	6.50	<0.5	<1	31.2	49.8	27.1	11.3	31	
D62310 (448918)	<0.5	7.66	<1	93	1.8	<1	4.13	<0.5	3	18.1	105	<0.5	4.54	22	
D62311 (448919)	<0.5	8.26	<1	230	1.0	<1	4.74	<0.5	16	24.4	130	45.8	4.91	23	
D62312 (448920)	<0.5	0.09	<1	16	<0.5	<1	33.8	<0.5	<1	<0.5	4.0	0.6	0.10	<5	
D62313 (448921)	<0.5	9.86	<1	122	1.9	<1	6.86	<0.5	5	33.6	92.4	28.9	5.86	19	
D62314 (448922)	<0.5	6.40	<1	99	1.1	<1	5.56	<0.5	2	41.3	225	91.6	8.73	21	
D62315 (448923)	<0.5	6.72	<1	53	0.8	<1	5.93	<0.5	13	40.5	363	<0.5	7.31	15	
D62316 (448924)	<0.5	7.80	<1	114	1.2	<1	5.38	<0.5	7	34.1	183	89.1	7.42	21	
D62317 (448925)	<0.5	7.05	<1	99	1.1	<1	4.74	<0.5	<1	36.9	193	83	7.86	23	
D62318 (448926)	<0.5	7.39	<1	109	1.3	<1	4.85	<0.5	2	36.5	201	75.1	7.88	22	
D62319 (448927)	<0.5	9.49	<1	84	0.6	<1	6.01	<0.5	9	31.7	101	45.8	6.48	20	
D62320 (448928)	<0.5	9.25	<1	57	<0.5	<1	6.56	<0.5	2	36.6	108	8.4	7.15	21	
D62321 (448929)	<0.5	8.77	<1	62	0.5	<1	6.13	<0.5	4	35.4	102	4.2	7.39	22	
D62322 (448930)	<0.5	7.26	<1	66	<0.5	<1	6.64	<0.5	<1	56.8	73.4	80.2	12.2	24	
D62323 (448931)	<0.5	8.99	<1	96	<0.5	<1	6.24	<0.5	7	28.6	76.3	59.3	7.80	24	
D62324 (448932)	<0.5	8.97	<1	103	<0.5	<1	6.03	<0.5	10	23.8	66.6	62.1	7.71	24	
D62325 (448933)	<0.5	8.80	<1	116	0.7	<1	5.82	<0.5	15	23.2	80.2	78.0	7.29	24	
D62326 (448934)	<0.5	7.13	<1	137	<0.5	<1	6.68	<0.5	<1	41.9	142	155	7.74	18	
D62327 (448935)	<0.5	8.90	<1	138	2.4	<1	5.95	<0.5	12	23.0	99.7	159	7.26	23	
D62328 (448936)	<0.5	8.72	<1	133	0.7	<1	5.79	<0.5	13	23.7	90.4	54.0	7.29	25	
D62329 (448937)	<0.5	8.77	<1	176	0.8	<1	5.04	<0.5	13	22.6	116	61.1	6.74	25	
D62330 (448938)	<0.5	8.97	<1	112	0.7	<1	5.84	<0.5	14	23.6	112	38.4	7.13	24	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 16, 2019

DATE RECEIVED: Aug 17, 2019

DATE REPORTED: Sep 13, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D62331 (448939)		<0.5	8.89	<1	116	0.6	<1	5.84	<0.5	12	24.5	87.9	62.7	7.27	23
D62332 (448940)		<0.5	0.14	1	18	<0.5	<1	32.0	<0.5	<1	0.8	2.4	<0.5	0.13	<5
D62333 (448941)		<0.5	7.79	<1	189	1.8	<1	3.71	<0.5	20	16.2	125	57.8	4.46	22
D62334 (448942)		<0.5	7.82	1	153	2.2	<1	3.14	<0.5	37	13.7	150	12.6	3.86	23
D62335 (448943)		<0.5	7.79	<1	145	1.5	<1	2.31	<0.5	83	11.9	148	8.0	3.47	23
D62336 (448944)		<0.5	7.94	<1	198	1.4	<1	2.68	<0.5	57	10.4	148	6.0	3.71	22
D62337 (448945)		<0.5	8.06	<1	176	1.5	<1	2.27	<0.5	103	8.0	142	24.9	3.30	23
D62338 (448946)		<0.5	8.22	<1	179	1.7	<1	2.21	<0.5	109	8.1	162	24.5	3.33	24

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DATE SAMPLED: Aug 16, 2019	DATE RECEIVED: Aug 17, 2019					DATE REPORTED: Sep 13, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D62267 (448875)	<1	0.35	5	23	2.30	1070	12.2	1.29	26.0	564	<20	<50	0.16	<1	
D62268 (448876)	<1	0.41	5	25	2.74	1240	4.8	1.54	20.7	538	<20	<50	0.02	<1	
D62269 (448877)	<1	0.54	5	29	2.75	1250	6.5	1.68	23.1	594	<20	<50	0.22	<1	
D62270 (448878)	<1	0.43	11	27	2.10	892	6.5	2.99	31.3	1720	<20	<50	0.02	<1	
D62271 (448879)	<1	0.70	9	28	2.33	1020	7.1	2.83	37.5	1610	<20	<50	0.03	<1	
D62272 (448880)	<1	<0.01	<2	<1	2.06	121	<0.5	0.04	<0.5	52	<20	<50	0.03	<1	
D62273 (448881)	<1	0.45	9	34	2.41	1010	7.8	2.76	38.4	1730	<20	<50	0.02	<1	
D62274 (448882)	<1	0.52	8	25	2.76	1170	6.0	2.54	45.7	1520	<20	<50	0.05	<1	
D62275 (448883)	<1	0.53	9	21	2.31	914	7.8	2.99	41.9	1360	<20	<50	0.03	<1	
D62276 (448884)	<1	0.88	9	31	2.52	1010	1.3	2.98	47.7	1250	<20	<50	0.02	<1	
D62277 (448885)	<1	1.58	23	52	0.98	441	1.0	3.85	19.7	603	24	<50	0.02	<1	
D62278 (448886)	<1	1.58	22	53	0.98	433	1.4	3.84	18.6	561	23	<50	0.02	<1	
D62279 (448887)	<1	0.86	8	22	2.44	1020	1.2	3.27	46.9	1030	<20	<50	0.02	<1	
D62280 (448888)	<1	1.24	7	25	2.20	938	1.3	3.24	44.0	955	<20	<50	0.03	<1	
D62281 (448889)	<1	2.93	61	58	5.74	976	2.1	1.57	166	3570	<20	<50	0.11	<1	
D62282 (448890)	<1	1.01	8	23	2.68	1040	1.2	3.33	49.6	1160	<20	<50	0.03	<1	
D62283 (448891)	<1	2.79	46	78	1.77	879	1.8	2.40	45.6	342	<20	68	0.02	<1	
D62284 (448892)	<1	0.85	6	20	2.76	970	1.1	3.21	64.3	301	<20	<50	0.02	<1	
D62285 (448893)	<1	0.56	7	15	2.73	890	1.1	3.03	68.6	288	<20	<50	0.02	<1	
D62286 (448894)	<1	0.19	3	13	4.47	1380	1.4	2.41	90.2	385	<20	<50	0.15	<1	
D62287 (448895)	<1	0.78	7	27	1.68	861	2.2	2.77	24.5	292	<20	<50	0.32	<1	
D62288 (448896)	<1	0.52	4	22	2.38	1200	2.9	2.22	21.2	654	<20	<50	1.03	<1	
D62289 (448897)	<1	0.42	5	22	2.79	994	1.3	2.67	50.7	346	<20	<50	0.21	<1	
D62290 (448898)	<1	0.94	15	39	0.65	304	1.6	3.14	12.5	386	<20	<50	0.08	<1	
D62291 (448899)	<1	0.58	5	36	2.89	1330	1.9	2.47	41.1	349	<20	<50	0.03	<1	
D62292 (448900)	<1	0.02	<2	1	3.09	150	<0.5	0.07	<0.5	78	<20	<50	0.03	<1	
D62293 (448901)	<1	0.63	6	25	2.41	1180	2.0	2.34	28.0	514	<20	<50	0.06	<1	
D62294 (448902)	<1	0.29	2	22	3.04	1510	2.0	1.90	19.5	405	<20	<50	0.19	<1	
D62295 (448903)	<1	0.41	2	23	3.07	1480	1.9	1.95	16.9	422	<20	<50	0.18	<1	
D62296 (448904)	<1	0.75	20	31	1.68	706	1.1	3.33	35.3	226	<20	<50	0.04	<1	
D62297 (448905)	<1	0.59	5	18	2.62	1230	1.8	2.53	33.5	466	<20	<50	0.07	<1	
D62298 (448906)	<1	0.61	5	19	2.67	1250	1.5	2.62	33.6	451	<20	<50	0.08	<1	

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DATE SAMPLED: Aug 16, 2019	DATE RECEIVED: Aug 17, 2019					DATE REPORTED: Sep 13, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D62299 (448907)	<1	0.59	3	20	2.34	1340	2.3	2.03	3.3	607	<20	<50	0.16	<1	
D62300 (448908)	<1	0.33	3	23	2.52	1420	1.8	2.10	13.5	572	<20	<50	0.15	<1	
D62301 (448909)	<1	0.21	5	22	3.19	959	0.8	2.96	79.0	256	<20	<50	<0.01	<1	
D62302 (448910)	<1	0.16	5	28	2.87	967	0.9	2.74	66.8	338	<20	<50	0.08	<1	
D62303 (448911)	<1	0.19	4	26	2.52	1120	2.1	2.10	35.3	640	<20	<50	0.84	<1	
D62304 (448912)	<1	0.22	4	28	3.34	1410	1.7	2.24	52.7	401	<20	<50	0.04	<1	
D62305 (448913)	<1	0.24	3	28	3.29	1680	2.1	1.72	17.2	432	<20	<50	0.14	<1	
D62306 (448914)	<1	0.42	9	11	4.47	1330	1.8	2.39	111	790	<20	<50	0.09	<1	
D62307 (448915)	<1	0.41	4	28	3.16	1630	2.3	1.64	8.3	336	<20	<50	0.23	<1	
D62308 (448916)	<1	0.83	6	41	2.90	1380	1.7	2.14	33.2	417	<20	<50	0.09	<1	
D62309 (448917)	<1	0.67	5	22	2.51	1300	1.9	2.18	22.4	728	<20	<50	0.05	<1	
D62310 (448918)	<1	0.68	<2	31	1.80	976	1.4	2.60	44.4	65	<20	<50	0.01	<1	
D62311 (448919)	<1	0.83	11	28	2.04	778	1.3	2.57	43.7	327	<20	<50	0.05	<1	
D62312 (448920)	<1	0.03	<2	<1	1.51	96	<0.5	0.04	<0.5	85	<20	<50	0.03	1	
D62313 (448921)	<1	0.91	5	24	3.71	1030	0.8	2.80	92.0	277	<20	<50	0.03	<1	
D62314 (448922)	<1	0.97	4	32	4.14	1530	1.8	1.68	114	476	<20	<50	0.08	<1	
D62315 (448923)	<1	0.84	8	32	5.34	1460	1.2	1.98	194	400	<20	<50	0.01	<1	
D62316 (448924)	<1	0.86	6	23	3.26	1210	1.2	2.60	87.9	524	<20	<50	0.08	<1	
D62317 (448925)	<1	1.30	4	39	3.45	1310	1.9	1.94	91.4	480	<20	<50	0.11	<1	
D62318 (448926)	<1	1.40	5	43	3.66	1350	2.3	2.04	102	499	<20	<50	0.08	<1	
D62319 (448927)	<1	0.45	7	22	3.29	1090	0.8	3.16	72.6	441	<20	<50	0.06	<1	
D62320 (448928)	<1	0.24	5	33	3.73	1190	1.6	2.53	85.4	269	<20	<50	0.02	<1	
D62321 (448929)	<1	0.27	5	38	3.25	1140	1.1	2.53	73.3	452	<20	<50	0.01	<1	
D62322 (448930)	<1	0.37	3	43	4.90	1820	2.1	1.60	118	254	<20	<50	0.08	<1	
D62323 (448931)	<1	0.42	9	23	2.69	1180	1.3	2.75	35.6	2130	<20	<50	0.05	<1	
D62324 (448932)	<1	0.39	12	24	2.14	1120	1.7	2.80	10.2	2680	<20	<50	0.05	<1	
D62325 (448933)	<1	0.42	14	24	1.97	1050	1.5	2.85	9.4	2680	<20	<50	0.06	<1	
D62326 (448934)	<1	0.19	3	13	4.31	1320	1.5	2.31	88.0	390	<20	<50	0.14	<1	
D62327 (448935)	<1	0.79	12	26	2.08	1030	1.5	3.07	12.9	2530	<20	<50	0.11	<1	
D62328 (448936)	<1	0.62	12	23	2.02	1030	1.7	3.04	10.3	2470	<20	<50	0.04	<1	
D62329 (448937)	<1	1.18	12	37	1.91	990	1.4	2.93	10.5	2320	<20	<50	0.05	<1	
D62330 (448938)	<1	0.77	12	22	2.11	1030	1.4	3.19	12.8	2440	<20	<50	0.04	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 16, 2019		DATE RECEIVED: Aug 17, 2019					DATE REPORTED: Sep 13, 2019					SAMPLE TYPE: Drill Core				
Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Rb ppm	S %	Sb ppm	
D62331 (448939)		<1	0.79	12	17	2.15	1060	1.5	3.20	22.3	2180	<20	<50	0.05	<1	
D62332 (448940)		<1	0.02	2	<1	2.38	112	<0.5	0.06	<0.5	76	<20	<50	0.02	<1	
D62333 (448941)		<1	1.66	12	29	1.47	745	1.6	3.09	29.1	1570	<20	<50	0.06	<1	
D62334 (448942)		<1	1.50	19	34	1.11	621	1.7	3.17	14.7	1180	<20	<50	0.02	<1	
D62335 (448943)		<1	1.53	39	38	1.07	579	1.9	3.18	25.9	630	<20	<50	0.02	<1	
D62336 (448944)		<1	1.43	27	34	0.96	601	1.3	3.23	17.4	644	<20	<50	0.02	<1	
D62337 (448945)		<1	1.52	47	32	0.79	533	2.1	3.49	16.1	683	<20	<50	0.04	<1	
D62338 (448946)		<1	1.56	49	33	0.79	525	1.7	3.49	16.0	697	<20	<50	0.04	<1	

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DATE RECEIVED: Aug 17, 2019

DATE REPORTED: Sep 13, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D62267 (448875)	40	<10	<5	88	<10	<10	<5	1.15	<5	<50	398	2	32	70.6
D62268 (448876)	46	<10	<5	97	<10	<10	<5	1.33	<5	<50	455	<1	37	80.5
D62269 (448877)	47	<10	<5	111	<10	<10	<5	1.35	<5	<50	444	1	31	80.8
D62270 (448878)	25	<10	<5	237	<10	<10	<5	0.91	<5	<50	219	2	20	61.8
D62271 (448879)	25	<10	<5	239	<10	<10	<5	0.86	<5	<50	229	1	18	67.4
D62272 (448880)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	4.5	<1	2	1.8
D62273 (448881)	25	<10	<5	234	<10	<10	<5	0.94	<5	<50	251	<1	19	66.9
D62274 (448882)	29	<10	<5	208	<10	<10	<5	1.05	<5	<50	339	2	18	82.9
D62275 (448883)	24	<10	<5	228	<10	<10	<5	0.81	<5	<50	250	<1	18	66.1
D62276 (448884)	24	<10	<5	218	<10	<10	<5	0.81	<5	<50	255	<1	16	80.7
D62277 (448885)	9	<10	<5	206	<10	<10	21	0.36	<5	<50	89.1	<1	9	68.6
D62278 (448886)	9	<10	<5	205	<10	<10	19	0.37	<5	<50	88.4	<1	9	67.7
D62279 (448887)	24	<10	<5	203	<10	<10	<5	0.72	<5	<50	257	2	16	77.5
D62280 (448888)	22	<10	<5	186	<10	<10	<5	0.63	<5	<50	240	<1	19	72.5
D62281 (448889)	20	<10	<5	628	<10	<10	<5	0.94	<5	<50	157	1	23	81.7
D62282 (448890)	26	<10	<5	227	<10	<10	<5	0.77	<5	<50	273	1	16	87.2
D62283 (448891)	18	<10	<5	97	<10	<10	32	0.68	<5	<50	109	3	9	164
D62284 (448892)	25	<10	<5	203	<10	<10	<5	0.48	<5	<50	260	1	12	84.8
D62285 (448893)	24	<10	<5	206	<10	<10	<5	0.47	<5	<50	256	1	14	70.9
D62286 (448894)	46	<10	<5	109	<10	<10	<5	0.70	<5	<50	309	2	23	82.8
D62287 (448895)	26	<10	<5	124	<10	<10	<5	0.66	<5	<50	222	2	26	55.5
D62288 (448896)	43	<10	<5	117	<10	<10	<5	1.27	<5	<50	341	2	34	63.5
D62289 (448897)	31	<10	<5	198	<10	<10	<5	0.76	<5	<50	310	<1	16	69.6
D62290 (448898)	6	<10	<5	253	<10	<10	<5	0.22	<5	<50	47.9	<1	5	49.3
D62291 (448899)	40	<10	<5	160	<10	<10	<5	0.83	<5	<50	314	2	23	74.9
D62292 (448900)	1	<10	<5	66	<10	<10	<5	0.01	<5	<50	8.0	<1	3	3.9
D62293 (448901)	37	<10	<5	175	<10	<10	<5	1.00	<5	<50	284	<1	23	71.0
D62294 (448902)	50	<10	<5	100	<10	<10	<5	1.45	<5	<50	603	3	26	96.7
D62295 (448903)	51	<10	<5	104	<10	<10	<5	1.45	<5	<50	609	2	25	112
D62296 (448904)	16	<10	<5	183	<10	<10	7	0.44	<5	<50	142	<1	12	59.1
D62297 (448905)	38	<10	<5	157	<10	<10	<5	1.15	<5	<50	232	<1	23	79.8
D62298 (448906)	39	<10	<5	162	<10	<10	<5	1.12	<5	<50	223	<1	24	81.6

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506517

PROJECT: AGAT00744

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 16, 2019

DATE RECEIVED: Aug 17, 2019

DATE REPORTED: Sep 13, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D62299 (448907)	46	<10	<5	114	<10	<10	<5	1.51	<5	<50	144	1	33	72.8
D62300 (448908)	46	<10	<5	128	<10	<10	<5	1.46	<5	<50	171	2	29	81.5
D62301 (448909)	26	<10	<5	228	<10	<10	<5	0.45	<5	<50	254	1	13	72.4
D62302 (448910)	27	<10	<5	206	<10	<10	<5	0.56	<5	<50	256	<1	15	70.6
D62303 (448911)	37	<10	<5	166	<10	<10	<5	1.12	<5	<50	250	<1	22	72.1
D62304 (448912)	41	<10	<5	159	<10	<10	<5	1.04	<5	<50	476	2	19	86.5
D62305 (448913)	53	<10	<5	92	<10	<10	<5	1.56	<5	<50	650	2	24	108
D62306 (448914)	34	<10	<5	239	<10	<10	<5	0.86	<5	<50	240	2	22	91.2
D62307 (448915)	52	<10	<5	81	<10	<10	<5	1.54	<5	<50	615	3	23	97.7
D62308 (448916)	39	<10	<5	119	<10	<10	<5	1.10	<5	<50	409	1	27	85.9
D62309 (448917)	43	<10	<5	139	<10	<10	<5	1.32	<5	<50	153	1	26	82.9
D62310 (448918)	35	<10	<5	162	<10	<10	<5	0.27	<5	<50	127	<1	51	63.5
D62311 (448919)	22	<10	<5	226	<10	<10	<5	0.45	<5	<50	164	1	16	65.6
D62312 (448920)	<1	<10	<5	75	<10	<10	<5	<0.01	<5	<50	4.8	<1	3	2.9
D62313 (448921)	28	<10	<5	274	<10	<10	<5	0.31	<5	<50	168	2	11	71.6
D62314 (448922)	39	<10	<5	91	<10	<10	<5	0.71	<5	<50	267	2	29	100
D62315 (448923)	35	<10	<5	133	<10	<10	<5	0.30	<5	<50	127	2	21	94.3
D62316 (448924)	29	<10	<5	204	<10	<10	<5	0.63	<5	<50	233	2	21	84.6
D62317 (448925)	33	<10	<5	113	<10	<10	<5	0.73	<5	<50	245	2	22	97.6
D62318 (448926)	31	<10	<5	122	<10	<10	<5	0.71	<5	<50	235	2	22	102
D62319 (448927)	26	<10	<5	226	<10	<10	<5	0.46	<5	<50	169	<1	15	78.1
D62320 (448928)	27	<10	<5	198	<10	<10	<5	0.50	<5	<50	205	<1	12	86.4
D62321 (448929)	29	<10	<5	209	<10	<10	<5	0.45	<5	<50	190	<1	18	83.5
D62322 (448930)	39	<10	<5	91	<10	<10	<5	0.95	<5	<50	367	2	19	119
D62323 (448931)	30	<10	<5	250	<10	<10	<5	1.09	<5	<50	225	<1	19	84.3
D62324 (448932)	29	<10	<5	261	<10	<10	<5	1.37	<5	<50	224	<1	21	81.4
D62325 (448933)	27	<10	<5	255	<10	<10	<5	1.33	<5	<50	214	2	22	85.3
D62326 (448934)	46	<10	<5	105	<10	<10	<5	0.67	<5	<50	307	2	23	78.3
D62327 (448935)	29	<10	<5	248	<10	<10	<5	1.24	<5	<50	223	1	21	70.4
D62328 (448936)	27	<10	<5	237	<10	<10	<5	1.22	<5	<50	223	<1	22	72.6
D62329 (448937)	23	<10	<5	212	<10	<10	<5	1.12	<5	<50	197	<1	20	81.4
D62330 (448938)	26	<10	<5	236	<10	<10	<5	1.21	<5	<50	227	1	22	68.4

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506517

PROJECT: AGAT00744

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 16, 2019

DATE RECEIVED: Aug 17, 2019

DATE REPORTED: Sep 13, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
D62331 (448939)	26	<10	<5	227	<10	<10	<5	1.15	<5	<50	258	1	20	71.3
D62332 (448940)	1	<10	<5	68	<10	<10	<5	0.01	<5	<50	6.1	<1	3	3.0
D62333 (448941)	15	<10	<5	198	<10	<10	<5	0.73	<5	<50	163	2	17	73.9
D62334 (448942)	14	<10	<5	155	<10	<10	<5	0.54	<5	<50	147	1	13	63.9
D62335 (448943)	9	<10	<5	132	<10	<10	28	0.33	<5	<50	69.0	1	12	84.4
D62336 (448944)	12	<10	<5	165	<10	<10	7	0.39	<5	<50	77.7	<1	17	64.6
D62337 (448945)	9	<10	<5	145	<10	<10	33	0.34	<5	<50	49.0	<1	15	78.5
D62338 (448946)	9	<10	<5	145	<10	<10	35	0.34	<5	<50	48.6	1	14	81.5

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19B506517

PROJECT: AGAT00744

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 16, 2019

DATE RECEIVED: Aug 17, 2019

DATE REPORTED: Sep 13, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D62267 (448875)	16
D62268 (448876)	17
D62269 (448877)	20
D62270 (448878)	24
D62271 (448879)	23
D62272 (448880)	<5
D62273 (448881)	21
D62274 (448882)	16
D62275 (448883)	21
D62276 (448884)	22
D62277 (448885)	133
D62278 (448886)	139
D62279 (448887)	22
D62280 (448888)	31
D62281 (448889)	180
D62282 (448890)	23
D62283 (448891)	298
D62284 (448892)	18
D62285 (448893)	30
D62286 (448894)	57
D62287 (448895)	57
D62288 (448896)	21
D62289 (448897)	19
D62290 (448898)	104
D62291 (448899)	29
D62292 (448900)	<5
D62293 (448901)	30
D62294 (448902)	19
D62295 (448903)	21
D62296 (448904)	92
D62297 (448905)	22
D62298 (448906)	22

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506517

PROJECT: AGAT00744

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 16, 2019

DATE RECEIVED: Aug 17, 2019

DATE REPORTED: Sep 13, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D62299 (448907)				25
D62300 (448908)				18
D62301 (448909)				17
D62302 (448910)				21
D62303 (448911)				16
D62304 (448912)				17
D62305 (448913)				23
D62306 (448914)				82
D62307 (448915)				24
D62308 (448916)				27
D62309 (448917)				21
D62310 (448918)				49
D62311 (448919)				64
D62312 (448920)				<5
D62313 (448921)				18
D62314 (448922)				35
D62315 (448923)				37
D62316 (448924)				30
D62317 (448925)				37
D62318 (448926)				35
D62319 (448927)				21
D62320 (448928)				17
D62321 (448929)				16
D62322 (448930)				20
D62323 (448931)				17
D62324 (448932)				15
D62325 (448933)				22
D62326 (448934)				55
D62327 (448935)				24
D62328 (448936)				15
D62329 (448937)				20
D62330 (448938)				15

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## Certificate of Analysis

AGAT WORK ORDER: 19B506517

PROJECT: AGAT00744

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 16, 2019

DATE RECEIVED: Aug 17, 2019

DATE REPORTED: Sep 13, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
Sample ID (AGAT ID)	RDL:
	5
D62331 (448939)	15
D62332 (448940)	<5
D62333 (448941)	65
D62334 (448942)	69
D62335 (448943)	129
D62336 (448944)	109
D62337 (448945)	175
D62338 (448946)	168

Comments: RDL - Reported Detection Limit

448875-448946 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506517

PROJECT: AGAT00744

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 16, 2019

DATE RECEIVED: Aug 17, 2019

DATE REPORTED: Sep 13, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D62267 (448875)			0.004
D62268 (448876)			0.001
D62269 (448877)			0.002
D62270 (448878)			0.002
D62271 (448879)			0.005
D62272 (448880)			<0.001
D62273 (448881)			0.004
D62274 (448882)			0.003
D62275 (448883)			0.003
D62276 (448884)			0.003
D62277 (448885)			0.001
D62278 (448886)			0.001
D62279 (448887)			0.003
D62280 (448888)			0.002
D62281 (448889)			0.002
D62282 (448890)			0.002
D62283 (448891)			<0.001
D62284 (448892)			0.003
D62285 (448893)			0.003
D62286 (448894)			0.534
D62287 (448895)			0.003
D62288 (448896)			0.011
D62289 (448897)			0.003
D62290 (448898)			0.002
D62291 (448899)			0.001
D62292 (448900)			<0.001
D62293 (448901)			0.002
D62294 (448902)			0.006
D62295 (448903)			0.015
D62296 (448904)			0.003
D62297 (448905)			0.003
D62298 (448906)			0.003

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506517

PROJECT: AGAT00744

5623 McADAM ROAD  
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 TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 16, 2019

DATE RECEIVED: Aug 17, 2019

DATE REPORTED: Sep 13, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D62299 (448907)			0.004
D62300 (448908)			0.003
D62301 (448909)			0.003
D62302 (448910)			0.002
D62303 (448911)			0.013
D62304 (448912)			0.002
D62305 (448913)			0.003
D62306 (448914)			0.326
D62307 (448915)			0.005
D62308 (448916)			0.002
D62309 (448917)			0.003
D62310 (448918)			0.001
D62311 (448919)			0.001
D62312 (448920)			<0.001
D62313 (448921)			0.004
D62314 (448922)			0.005
D62315 (448923)			<0.001
D62316 (448924)			0.005
D62317 (448925)			0.001
D62318 (448926)			0.001
D62319 (448927)			0.001
D62320 (448928)			0.001
D62321 (448929)			0.001
D62322 (448930)			0.004
D62323 (448931)			0.004
D62324 (448932)			0.006
D62325 (448933)			0.005
D62326 (448934)			0.518
D62327 (448935)			0.006
D62328 (448936)			0.004
D62329 (448937)			0.005
D62330 (448938)			0.004

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506517

PROJECT: AGAT00744

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 16, 2019

DATE RECEIVED: Aug 17, 2019

DATE REPORTED: Sep 13, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D62331 (448939)			0.003
D62332 (448940)			0.001
D62333 (448941)			0.004
D62334 (448942)			0.001
D62335 (448943)			<0.001
D62336 (448944)			0.002
D62337 (448945)			0.003
D62338 (448946)			0.003

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506517

PROJECT: AGAT00744

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 16, 2019

DATE RECEIVED: Aug 17, 2019

DATE REPORTED: Sep 13, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL:
	0.01
D62267 (448875)	84.7
D62287 (448895)	86.5
D62309 (448917)	87
D62327 (448935)	75

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506517

PROJECT: AGAT00744

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Aug 16, 2019

DATE RECEIVED: Aug 17, 2019

DATE REPORTED: Sep 13, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL: 0.01
D62267 (448875)	85.39

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	448875	< 0.5	< 0.5	0.0%	448889	< 0.5	< 0.5	0.0%	448899	< 0.5	< 0.5	0.0%	448915	< 0.5	< 0.5	0.0%
Al	448875	5.83	5.99	2.7%	448889	6.14	6.13	0.2%	448899	8.27	8.28	0.1%	448915	6.94	6.69	3.7%
As	448875	< 1	< 1	0.0%	448889	< 1	< 1	0.0%	448899	< 1	< 1	0.0%	448915	< 1	< 1	0.0%
Ba	448875	42	43	2.4%	448889	975	976	0.1%	448899	108	111	2.7%	448915	67	68	1.5%
Be	448875	< 0.5	< 0.5	0.0%	448889	2.0	2.0	0.0%	448899	3.3	3.4	3.0%	448915	0.5	0.5	0.0%
Bi	448875	< 1	< 1	0.0%	448889	< 1	< 1	0.0%	448899	< 1	< 1	0.0%	448915	< 1	< 1	0.0%
Ca	448875	5.48	5.84	6.4%	448889	6.46	6.32	2.2%	448899	6.51	6.51	0.0%	448915	6.50	6.57	1.1%
Cd	448875	< 0.5	< 0.5	0.0%	448889	< 0.5	< 0.5	0.0%	448899	< 0.5	< 0.5	0.0%	448915	< 0.5	< 0.5	0.0%
Ce	448875	< 1	< 1	0.0%	448889	128	126	1.6%	448899	< 1	< 1	0.0%	448915	< 1	< 1	0.0%
Co	448875	37.5	36.7	2.2%	448889	36.0	36.7	1.9%	448899	33.3	32.7	1.8%	448915	47.4	47.1	0.6%
Cr	448875	126	108	15.4%	448889	352	359	2.0%	448899	84.7	101	17.6%	448915	38.0	38.2	0.5%
Cu	448875	61.7	62.0	0.5%	448889	43.6	43.3	0.7%	448899	16.4	16.1	1.8%	448915	163	164	0.6%
Fe	448875	10.5	11.1	5.6%	448889	6.59	6.45	2.1%	448899	8.31	8.31	0.0%	448915	13.3	13.5	1.5%
Ga	448875	25	25	0.0%	448889	17	16	6.1%	448899	27	26	3.8%	448915	29	29	0.0%
In	448875	< 1	< 1	0.0%	448889	< 1	< 1	0.0%	448899	< 1	< 1	0.0%	448915	< 1	< 1	0.0%
K	448875	0.35	0.36	2.8%	448889	2.93	2.89	1.4%	448899	0.578	0.586	1.4%	448915	0.406	0.394	3.0%
La	448875	5	5	0.0%	448889	61	61	0.0%	448899	5	5	0.0%	448915	4	4	0.0%
Li	448875	23	24	4.3%	448889	58	58	0.0%	448899	36	37	2.7%	448915	28	27	3.6%
Mg	448875	2.30	2.36	2.6%	448889	5.74	5.72	0.3%	448899	2.89	2.88	0.3%	448915	3.16	3.04	3.9%
Mn	448875	1070	1090	1.9%	448889	976	975	0.1%	448899	1330	1320	0.8%	448915	1630	1640	0.6%
Mo	448875	12.2	9.2	28.0%	448889	2.12	2.46	14.8%	448899	1.9	1.7	11.1%	448915	2.3	2.3	0.0%
Na	448875	1.29	1.38	6.7%	448889	1.57	1.53	2.6%	448899	2.47	2.49	0.8%	448915	1.64	1.65	0.6%
Ni	448875	26.0	24.7	5.1%	448889	166	168	1.2%	448899	41.1	40.3	2.0%	448915	8.27	7.90	4.6%
P	448875	564	602	6.5%	448889	3570	3770	5.4%	448899	349	348	0.3%	448915	336	340	1.2%
Pb	448875	< 20	< 20	0.0%	448889	< 20	< 20	0.0%	448899	< 20	< 20	0.0%	448915	< 20	< 20	0.0%
Rb	448875	< 50	< 50	0.0%	448889	< 50	< 50	0.0%	448899	< 50	< 50	0.0%	448915	< 50	< 50	0.0%
S	448875	0.16	0.15	6.5%	448889	0.11	0.11	0.0%	448899	0.03	0.03	0.0%	448915	0.23	0.23	0.0%
Sb	448875	< 1	< 1	0.0%	448889	< 1	< 1	0.0%	448899	< 1	< 1	0.0%	448915	< 1	< 1	0.0%
Sc	448875	40	41	2.5%	448889	20	20	0.0%	448899	40	39	2.5%	448915	52	50	3.9%
Se	448875	< 10	< 10	0.0%	448889	< 10	< 10	0.0%	448899	< 10	< 10	0.0%	448915	< 10	< 10	0.0%
Sn	448875	< 5	< 5	0.0%	448889	< 5	< 5	0.0%	448899	< 5	< 5	0.0%	448915	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	448875	88	94	6.6%	448889	628	600	4.6%	448899	160	161	0.6%	448915	81	82	1.2%
Ta	448875	< 10	< 10	0.0%	448889	< 10	< 10	0.0%	448899	< 10	< 10	0.0%	448915	< 10	< 10	0.0%
Te	448875	< 10	< 10	0.0%	448889	< 10	< 10	0.0%	448899	< 10	< 10	0.0%	448915	< 10	< 10	0.0%
Th	448875	< 5	< 5	0.0%	448889	< 5	< 5	0.0%	448899	< 5	< 5	0.0%	448915	< 5	< 5	0.0%
Ti	448875	1.15	1.23	6.7%	448889	0.943	0.924	2.0%	448899	0.83	0.84	1.2%	448915	1.54	1.55	0.6%
Tl	448875	< 5	< 5	0.0%	448889	< 5	< 5	0.0%	448899	< 5	< 5	0.0%	448915	< 5	< 5	0.0%
U	448875	< 50	< 50	0.0%	448889	< 50	< 50	0.0%	448899	< 50	< 50	0.0%	448915	< 50	< 50	0.0%
V	448875	398	408	2.5%	448889	157	157	0.0%	448899	314	309	1.6%	448915	615	595	3.3%
W	448875	2	3		448889	1	2		448899	2	2	0.0%	448915	3	2	
Y	448875	32	33	3.1%	448889	23	23	0.0%	448899	23	23	0.0%	448915	23	23	0.0%
Zn	448875	70.6	73.3	3.8%	448889	81.7	79.3	3.0%	448899	74.9	73.3	2.2%	448915	97.7	98.0	0.3%
Zr	448875	16	16	0.0%	448889	180	214	17.3%	448899	29	28	3.5%	448915	24	24	0.0%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	448924	< 0.5	< 0.5	0.0%	448935	< 0.5	< 0.5	0.0%								
Al	448924	7.80	7.80	0.0%	448935	8.90	8.97	0.8%								
As	448924	< 1	< 1	0.0%	448935	< 1	< 1	0.0%								
Ba	448924	114	118	3.4%	448935	138	138	0.0%								
Be	448924	1.2	1.4	15.4%	448935	2.41	2.57	6.4%								
Bi	448924	< 1	< 1	0.0%	448935	< 1	< 1	0.0%								
Ca	448924	5.38	5.20	3.4%	448935	5.95	5.89	1.0%								
Cd	448924	< 0.5	< 0.5	0.0%	448935	< 0.5	< 0.5	0.0%								
Ce	448924	7	6	15.4%	448935	12	12	0.0%								
Co	448924	34.1	33.8	0.9%	448935	23.0	23.4	1.7%								
Cr	448924	183	160	13.4%	448935	99.7	100	0.3%								
Cu	448924	89.1	94.7	6.1%	448935	159	156	1.9%								
Fe	448924	7.42	7.20	3.0%	448935	7.26	7.21	0.7%								
Ga	448924	21	21	0.0%	448935	23	24	4.3%								
In	448924	< 1	< 1	0.0%	448935	< 1	< 1	0.0%								
K	448924	0.857	0.844	1.5%	448935	0.79	0.80	1.3%								
La	448924	6	6	0.0%	448935	12	12	0.0%								
Li	448924	23	23	0.0%	448935	26	26	0.0%								
Mg	448924	3.26	3.13	4.1%	448935	2.08	2.09	0.5%								
Mn	448924	1210	1200	0.8%	448935	1030	1030	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	448924	1.2	1.5	22.2%	448935	1.5	1.5	0.0%								
Na	448924	2.60	2.57	1.2%	448935	3.07	3.06	0.3%								
Ni	448924	87.9	83.1	5.6%	448935	12.9	13.9	7.5%								
P	448924	524	529	0.9%	448935	2530	2550	0.8%								
Pb	448924	< 20	< 20	0.0%	448935	< 20	< 20	0.0%								
Rb	448924	< 50	< 50	0.0%	448935	< 50	< 50	0.0%								
S	448924	0.083	0.093	11.4%	448935	0.11	0.11	0.0%								
Sb	448924	< 1	< 1	0.0%	448935	< 1	< 1	0.0%								
Sc	448924	29	29	0.0%	448935	29	29	0.0%								
Se	448924	< 10	< 10	0.0%	448935	< 10	< 10	0.0%								
Sn	448924	< 5	< 5	0.0%	448935	< 5	< 5	0.0%								
Sr	448924	204	194	5.0%	448935	248	247	0.4%								
Ta	448924	< 10	< 10	0.0%	448935	< 10	< 10	0.0%								
Te	448924	< 10	< 10	0.0%	448935	< 10	< 10	0.0%								
Th	448924	< 5	< 5	0.0%	448935	< 5	< 5	0.0%								
Ti	448924	0.63	0.61	3.2%	448935	1.24	1.22	1.6%								
Tl	448924	< 5	< 5	0.0%	448935	< 5	< 5	0.0%								
U	448924	< 50	< 50	0.0%	448935	< 50	< 50	0.0%								
V	448924	233	230	1.3%	448935	223	221	0.9%								
W	448924	2	3		448935	1	2									
Y	448924	21	21	0.0%	448935	21	21	0.0%								
Zn	448924	84.6	84.0	0.7%	448935	70.4	70.1	0.4%								
Zr	448924	30	30	0.0%	448935	24	24	0.0%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	448875	0.0042	0.0032	27.0%	448889	0.002	0.002	0.0%	448899	0.001	0.002		448915	0.0045	0.0037	19.5%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	448924	0.005	0.005	0.0%	448935	0.0056	0.0048	15.4%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS4H)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS6F)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	2.95	97%	90% - 110%
Al	10.95	11.15	102%	90% - 110%	8.17	8.36	102%	90% - 110%	6.96	7.08	102%	90% - 110%	4.75	4.82	101%	90% - 110%
As					26	25	95%	90% - 110%	124	122	98%	90% - 110%				
Ba	340	330	97%	90% - 110%	540	505	93%	90% - 110%	186	179	96%	90% - 110%	216	202	94%	90% - 110%
Be	2.6	2.9	110%	90% - 110%	4.0	3.5	88%	90% - 110%								
Ca	5.72	5.71	100%	90% - 110%	0.907	0.905	100%	90% - 110%	4.01	4.07	101%	90% - 110%	10	9	92%	90% - 110%
Ce	122	126	103%	90% - 110%	98	99	101%	90% - 110%	24	23	95%	90% - 110%				
Co									22.1	22.1	100%	90% - 110%	191	180	94%	90% - 110%
Cr					60.3	62.1	103%	90% - 110%					670	638	95%	90% - 110%
Cu					150	151	100%	90% - 110%	88.6	84.9	96%	90% - 110%	7120	7226	101%	90% - 110%
Fe	4.34	4.15	96%	90% - 110%	3.77	3.72	99%	90% - 110%	7.56	7.54	100%	90% - 110%	12.71	11.62	91%	90% - 110%
Ga	35	38	107%	90% - 110%												
K	1.37	1.42	104%	90% - 110%					2.021	1.997	99%	90% - 110%	0.1021	0.1025	100%	90% - 110%
La	58	56	96%	90% - 110%	44	42	95%	90% - 110%					8.47	8.08	95%	90% - 110%
Li	37	40	107%	90% - 110%	47	47	101%	90% - 110%								
Mg	0.325	0.306	94%	90% - 110%	1.10	1.1	100%	90% - 110%	2.412	2.503	104%	90% - 110%	7.41	7.37	99%	90% - 110%
Mn					780	760	97%	90% - 110%	1510	1484	98%	90% - 110%				
Mo					14	14	100%	90% - 110%					2.49	3.01	121%	90% - 110%
Na	5.267	5.677	108%	90% - 110%	1.624	1.709	105%	90% - 110%	0.617	0.671	109%	90% - 110%	0.112	0.121	108%	90% - 110%
Ni					32	33	104%	90% - 110%	77.1	75.9	98%	90% - 110%	2480	2250	91%	90% - 110%
P					750	678	90%	90% - 110%	892	866	97%	90% - 110%	731	674	92%	90% - 110%
Pb	10	9	90%	90% - 110%	31	29	93%	90% - 110%								
S									0.348	0.315	91%	90% - 110%				
Sc	1.1	1	93%	90% - 110%	12	13	106%	90% - 110%					21.33	21.25	100%	90% - 110%
Sr	1191	1123	94%	90% - 110%	144	143	99%	90% - 110%	92.8	87.7	94%	90% - 110%	39	36	92%	90% - 110%
Ti	0.172	0.172	100%	90% - 110%	0.53	0.49	92%	90% - 110%					0.419	0.405	97%	90% - 110%
V	8	8	96%	90% - 110%	77	82	107%	90% - 110%					158	159	101%	90% - 110%
W					5	5	107%	90% - 110%								
Y	119	126	106%	90% - 110%									12.67	13.19	104%	90% - 110%
Zn	93	94	101%	90% - 110%	130	123	95%	90% - 110%	208	208	100%	90% - 110%	112	107	96%	90% - 110%
Zr													35.7	37.9	106%	90% - 110%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS4H)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS6F)				CRM #4 (ref.1P5R)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.01	5.2	104%	90% - 110%	0.725	0.711	98%	90% - 110%	6.87	6.5	95%	90% - 110%	1.81	1.73	96%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00744  
 SAMPLING SITE:

AGAT WORK ORDER: 19B506517  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00745

AGAT WORK ORDER: 19B506587

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 20, 2019

PAGES (INCLUDING COVER): 20

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19B506587

PROJECT: AGAT00745

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 17, 2019

DATE RECEIVED: Aug 18, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D62339 (449812)		2.15
D62340 (449813)		2.41
D62341 (449814)		2.15
D62342 (449815)		2.3
D62343 (449816)		1.04
D62344 (449817)		.8
D62345 (449818)		2.19
D62346 (449819)		.1
D62347 (449820)		2.17
D62348 (449821)		2.46
D62349 (449822)		2.19
D62350 (449823)		2.12
D62351 (449824)		2.14
D62352 (449825)		.65
D62353 (449826)		2.2
D62354 (449827)		2.15
D62355 (449828)		2.16
D62356 (449829)		.84
D62357 (449830)		2.12
D62358 (449831)		2.12
D62359 (449832)		1.37
D62360 (449833)		1.81
D62361 (449834)		2.08
D62362 (449835)		2.04
D62363 (449836)		2.11
D62364 (449837)		2.51
D62365 (449838)		2.27
D62366 (449839)		.1
D62367 (449840)		2.25
D62368 (449841)		2.5
D62369 (449842)		1.69

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19B506587

PROJECT: AGAT00745

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 17, 2019

DATE RECEIVED: Aug 18, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D62370 (449843)		2.02
D62371 (449844)		1
D62372 (449845)		.67
D62373 (449846)		2.21
D62374 (449847)		2.31
D62375 (449848)		2.23
D62376 (449849)		2.33
D62377 (449850)		2.32
D62378 (449851)		2.32
D62379 (449852)		2.45
D62380 (449853)		2.46

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506587

PROJECT: AGAT00745

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 17, 2019	DATE RECEIVED: Aug 18, 2019							DATE REPORTED: Sep 20, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D62339 (449812)	1.9	7.65	2	171	1.9	<1	2.18	<0.5	181	7.0	33.4	17.0	3.22	22	
D62340 (449813)	<0.5	7.75	<1	212	1.4	<1	2.65	<0.5	86	9.0	24.1	0.5	3.80	19	
D62341 (449814)	0.7	6.72	<1	180	1.1	<1	1.84	<0.5	90	8.8	31.6	71.3	3.69	18	
D62342 (449815)	0.7	7.15	<1	201	2.0	<1	1.85	<0.5	74	7.5	23.2	19.1	3.21	17	
D62343 (449816)	<0.5	2.55	<1	198	8.7	<1	8.47	<0.5	115	55.1	388	146	8.10	9	
D62344 (449817)	0.6	7.68	<1	267	2.3	<1	2.01	<0.5	41	9.0	17.1	7.7	3.66	18	
D62345 (449818)	<0.5	7.26	<1	161	2.0	<1	2.80	<0.5	17	12.5	45.8	26.3	4.08	17	
D62346 (449819)	<0.5	7.39	<1	181	0.5	<1	6.40	<0.5	8	37.7	159	98.7	7.53	16	
D62347 (449820)	<0.5	6.52	<1	159	1.2	<1	2.04	<0.5	65	7.1	23.4	34.2	2.69	15	
D62348 (449821)	0.5	7.67	<1	166	1.4	<1	2.21	<0.5	87	7.9	20.4	12.7	2.75	19	
D62349 (449822)	<0.5	7.44	<1	181	1.5	<1	2.22	<0.5	66	7.1	22.7	34.9	2.81	18	
D62350 (449823)	<0.5	7.40	<1	152	1.3	<1	2.02	<0.5	70	6.9	16.2	11.1	2.52	17	
D62351 (449824)	0.6	7.26	<1	199	1.3	<1	2.19	<0.5	68	7.4	25.5	9.7	3.05	17	
D62352 (449825)	<0.5	0.08	<1	13	<0.5	<1	32.2	<0.5	<1	0.6	4.5	<0.5	0.10	<5	
D62353 (449826)	<0.5	7.44	3	128	1.4	<1	2.58	<0.5	116	15.4	112	1.1	3.89	17	
D62354 (449827)	1.2	7.55	<1	111	1.3	<1	2.06	<0.5	80	9.8	38.3	68.5	2.93	18	
D62355 (449828)	1.2	6.96	<1	153	1.2	<1	2.18	<0.5	42	10.4	24.5	41.6	3.02	17	
D62356 (449829)	0.7	7.77	<1	174	0.9	<1	2.91	<0.5	26	12.2	41.0	3.8	3.73	18	
D62357 (449830)	0.9	7.20	<1	119	1.4	<1	2.06	<0.5	32	9.0	23.8	103	2.85	18	
D62358 (449831)	0.9	7.18	<1	114	1.3	<1	1.96	<0.5	33	9.3	21.6	105	3.01	17	
D62359 (449832)	<0.5	6.54	<1	926	0.6	<1	0.83	<0.5	6	1.0	10.2	2.3	1.18	13	
D62360 (449833)	0.6	7.24	<1	544	1.3	<1	1.40	<0.5	50	2.1	14.4	4.0	1.53	16	
D62361 (449834)	<0.5	5.91	1	1020	<0.5	<1	0.62	<0.5	7	1.2	10.1	<0.5	1.30	11	
D62362 (449835)	<0.5	6.36	<1	639	0.8	<1	1.09	<0.5	6	1.3	16.1	1.0	1.21	12	
D62363 (449836)	1.7	6.63	<1	126	1.1	<1	1.70	<0.5	28	4.0	16.9	20.6	2.09	13	
D62364 (449837)	<0.5	7.43	<1	115	0.6	<1	5.93	<0.5	3	32.8	97.8	111	9.29	21	
D62365 (449838)	<0.5	7.43	<1	45	<0.5	<1	6.39	<0.5	<1	34.4	106	88.4	9.94	21	
D62366 (449839)	<0.5	7.16	<1	136	<0.5	<1	6.82	<0.5	<1	39.0	137	145	7.83	15	
D62367 (449840)	<0.5	7.35	<1	54	1.0	<1	6.23	<0.5	<1	33.4	92.8	101	9.81	21	
D62368 (449841)	<0.5	7.54	<1	55	0.8	<1	5.00	<0.5	4	28.7	73.3	188	8.20	20	
D62369 (449842)	0.6	7.29	<1	188	3.5	<1	3.07	<0.5	25	10.5	33.8	54.1	4.03	18	
D62370 (449843)	<0.5	7.02	<1	80	1.5	<1	5.14	<0.5	7	27.8	33.7	119	9.68	22	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506587

PROJECT: AGAT00745

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 17, 2019

DATE RECEIVED: Aug 18, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D62371 (449844)		2.0	7.75	<1	166	1.6	<1	2.01	<0.5	22	9.7	38.8	32.2	3.63	21
D62372 (449845)		<0.5	0.06	<1	15	<0.5	<1	33.6	<0.5	<1	0.7	1.2	<0.5	0.09	<5
D62373 (449846)		<0.5	7.58	<1	57	0.8	<1	6.71	<0.5	5	32.5	98.0	77.2	9.15	20
D62374 (449847)		<0.5	7.51	<1	53	2.7	<1	6.84	<0.5	<1	34.2	141	87.5	9.25	19
D62375 (449848)		<0.5	7.83	<1	91	0.5	<1	7.32	0.5	<1	30.9	153	46.9	8.14	17
D62376 (449849)		<0.5	7.58	<1	79	1.2	<1	6.91	<0.5	<1	27.6	143	22.3	7.70	18
D62377 (449850)		<0.5	7.53	<1	44	<0.5	<1	6.95	<0.5	<1	34.9	139	89.1	9.54	20
D62378 (449851)		<0.5	7.65	<1	43	<0.5	<1	6.70	<0.5	<1	36.0	130	87.7	9.17	20
D62379 (449852)		<0.5	7.83	<1	84	0.5	<1	6.54	<0.5	18	34.1	95.7	127	9.05	21
D62380 (449853)		<0.5	7.48	<1	50	0.5	<1	6.36	<0.5	<1	33.5	101	163	9.82	22

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506587

PROJECT: AGAT00745

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 17, 2019	DATE RECEIVED: Aug 18, 2019					DATE REPORTED: Sep 20, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D62339 (449812)	<1	1.60	90	34	0.76	508	2.2	3.33	16.5	926	23	<50	0.04	<1	
D62340 (449813)	<1	1.57	43	35	0.98	629	1.8	3.19	16.8	837	<20	<50	0.02	<1	
D62341 (449814)	<1	1.62	46	34	0.86	563	2.7	2.65	16.6	690	<20	<50	0.11	<1	
D62342 (449815)	<1	1.53	36	25	0.93	424	2.5	3.16	14.3	543	<20	<50	0.04	<1	
D62343 (449816)	<1	1.85	61	157	7.20	1420	2.3	1.42	290	2360	<20	<50	0.13	<1	
D62344 (449817)	<1	1.48	21	31	1.18	487	1.5	3.76	14.7	724	<20	<50	0.03	<1	
D62345 (449818)	<1	1.04	8	20	1.56	847	3.2	2.97	37.1	476	<20	<50	0.06	<1	
D62346 (449819)	<1	0.44	9	10	4.37	1300	1.8	2.30	103	846	<20	<50	0.09	<1	
D62347 (449820)	<1	1.10	32	20	0.63	506	2.6	2.71	7.9	538	<20	<50	0.06	<1	
D62348 (449821)	<1	1.38	42	32	0.72	477	2.1	3.21	8.5	657	<20	<50	0.03	<1	
D62349 (449822)	<1	1.32	33	26	0.65	483	2.0	3.13	8.6	575	<20	<50	0.06	<1	
D62350 (449823)	<1	1.27	36	27	0.64	413	1.7	2.96	7.9	495	<20	<50	0.03	<1	
D62351 (449824)	<1	1.47	33	30	0.78	494	2.3	3.02	12.3	568	<20	<50	0.03	<1	
D62352 (449825)	<1	0.01	<2	1	2.57	103	<0.5	0.05	1.3	93	<20	<50	0.07	<1	
D62353 (449826)	<1	1.90	59	37	2.05	787	5.4	2.87	79.4	595	27	<50	0.02	<1	
D62354 (449827)	<1	1.47	39	29	0.93	491	2.5	3.15	32.2	358	<20	<50	0.11	<1	
D62355 (449828)	<1	1.32	21	33	0.85	500	4.1	2.79	18.4	456	<20	<50	0.06	<1	
D62356 (449829)	<1	1.47	14	33	1.55	610	2.8	2.86	40.1	499	<20	<50	0.02	<1	
D62357 (449830)	<1	1.33	17	27	0.79	447	2.4	3.10	17.7	338	<20	<50	0.14	<1	
D62358 (449831)	<1	1.36	17	28	0.80	454	2.7	2.97	18.0	338	<20	<50	0.15	<1	
D62359 (449832)	<1	4.36	4	16	0.19	155	1.6	2.04	3.5	21	23	<50	0.01	<1	
D62360 (449833)	<1	2.88	27	19	0.29	226	2.0	3.02	5.0	118	22	<50	0.01	<1	
D62361 (449834)	<1	4.43	4	20	0.24	170	1.7	1.62	3.8	22	23	<50	<0.01	<1	
D62362 (449835)	1	3.01	3	17	0.22	162	2.7	2.40	3.2	32	57	<50	0.01	<1	
D62363 (449836)	<1	1.04	15	30	0.44	294	4.9	3.04	6.2	133	85	<50	0.03	<1	
D62364 (449837)	<1	0.76	6	19	3.15	1490	4.6	2.31	49.9	569	<20	<50	0.13	<1	
D62365 (449838)	<1	0.33	5	19	3.40	1570	2.1	2.13	50.7	594	<20	<50	0.10	<1	
D62366 (449839)	<1	0.21	4	13	4.35	1340	1.3	2.34	85.5	404	<20	<50	0.15	<1	
D62367 (449840)	<1	0.36	5	26	3.35	1600	1.7	2.29	47.7	643	<20	<50	0.10	<1	
D62368 (449841)	<1	0.98	6	23	2.98	1280	15.5	2.72	49.0	542	<20	<50	0.28	<1	
D62369 (449842)	<1	1.93	14	29	1.26	707	1.4	3.28	22.7	302	<20	<50	0.08	<1	
D62370 (449843)	<1	1.06	9	22	2.49	1400	2.0	2.48	28.6	769	<20	<50	0.22	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506587

PROJECT: AGAT00745

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 17, 2019

DATE RECEIVED: Aug 18, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Rb ppm	S %	Sb ppm
D62371 (449844)		<1	1.75	13	45	0.90	501	2.2	3.36	16.8	362	94	<50	0.06	<1
D62372 (449845)		<1	0.02	2	1	2.28	128	<0.5	0.03	3.7	67	<20	<50	0.07	<1
D62373 (449846)		<1	0.62	7	19	3.35	1410	2.0	2.27	45.5	619	<20	<50	0.10	<1
D62374 (449847)		<1	0.54	4	28	3.61	1370	9.9	2.19	61.3	481	<20	<50	0.11	<1
D62375 (449848)		<1	0.33	4	27	4.10	1330	1.4	2.10	67.6	234	<20	<50	0.08	<1
D62376 (449849)		<1	0.66	4	28	3.72	1270	1.4	2.15	56.4	294	<20	<50	0.05	<1
D62377 (449850)		<1	0.23	4	23	3.60	1410	1.6	2.08	59.4	496	<20	<50	0.10	<1
D62378 (449851)		<1	0.23	4	22	3.62	1430	1.6	2.01	59.9	510	<20	<50	0.10	<1
D62379 (449852)		<1	0.21	13	22	3.53	1370	1.6	2.25	47.9	884	<20	<50	0.16	<1
D62380 (449853)		<1	0.23	5	25	3.21	1460	1.6	2.03	45.9	578	<20	<50	0.15	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506587

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 17, 2019

DATE RECEIVED: Aug 18, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D62339 (449812)	8	<10	<5	146	<10	<10	80	0.31	<5	<50	43.5	<1	17	82.2
D62340 (449813)	11	<10	<5	176	<10	<10	29	0.40	<5	<50	59.4	<1	17	75.2
D62341 (449814)	12	<10	<5	121	<10	<10	33	0.34	<5	<50	52.4	<1	14	87.8
D62342 (449815)	10	<10	<5	140	<10	<10	23	0.29	<5	<50	55.6	<1	11	59.4
D62343 (449816)	63	<10	<5	735	<10	<10	<5	0.70	<5	<50	305	<1	38	74.4
D62344 (449817)	12	<10	<5	166	<10	<10	<5	0.38	<5	<50	63.3	<1	16	55.6
D62345 (449818)	26	<10	<5	138	<10	<10	<5	0.26	<5	<50	71.0	<1	36	66.8
D62346 (449819)	34	<10	<5	239	<10	<10	<5	0.83	<5	<50	240	<1	22	89.0
D62347 (449820)	15	<10	<5	128	<10	<10	18	0.24	<5	<50	42.3	<1	17	51.9
D62348 (449821)	9	<10	<5	146	<10	<10	29	0.27	<5	<50	49.1	<1	12	57.7
D62349 (449822)	11	<10	<5	143	<10	<10	16	0.28	<5	<50	45.0	<1	13	57.6
D62350 (449823)	6	<10	<5	136	<10	<10	20	0.23	<5	<50	42.3	<1	8	50.9
D62351 (449824)	11	<10	<5	142	<10	<10	18	0.32	<5	<50	49.1	<1	13	59.4
D62352 (449825)	<1	<10	<5	66	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	3.1
D62353 (449826)	13	<10	<5	120	<10	<10	80	0.28	<5	<50	65.2	<1	18	95.7
D62354 (449827)	9	<10	<5	136	<10	<10	41	0.24	<5	<50	40.8	<1	15	71.2
D62355 (449828)	12	<10	<5	135	<10	<10	<5	0.31	<5	<50	42.4	<1	26	51.3
D62356 (449829)	12	<10	<5	174	<10	<10	<5	0.34	<5	<50	74.5	<1	15	49.9
D62357 (449830)	8	<10	<5	133	<10	<10	14	0.25	<5	<50	45.0	<1	9	64.1
D62358 (449831)	8	<10	<5	127	<10	<10	15	0.25	<5	<50	44.4	<1	9	62.6
D62359 (449832)	2	<10	<5	146	<10	<10	5	0.08	<5	<50	11.2	<1	<1	23.4
D62360 (449833)	3	<10	<5	148	<10	<10	37	0.12	<5	<50	18.1	<1	4	33.7
D62361 (449834)	2	<10	<5	131	<10	<10	8	0.10	<5	<50	14.3	<1	1	28.8
D62362 (449835)	2	<10	<5	139	<10	<10	104	0.10	<5	51	13.5	<1	2	26.9
D62363 (449836)	5	<10	<5	129	<10	<10	220	0.18	<5	112	25.5	<1	6	55.0
D62364 (449837)	39	<10	<5	154	<10	<10	<5	0.91	<5	<50	271	<1	32	116
D62365 (449838)	42	<10	<5	112	<10	<10	<5	0.98	<5	<50	294	<1	36	103
D62366 (449839)	46	<10	<5	111	<10	<10	<5	0.68	<5	<50	305	<1	22	78.1
D62367 (449840)	42	<10	<5	115	<10	<10	<5	0.97	<5	<50	292	<1	37	105
D62368 (449841)	32	<10	<5	139	<10	<10	<5	0.78	<5	<50	220	<1	28	109
D62369 (449842)	14	<10	<5	157	<10	<10	36	0.33	<5	<50	84.6	<1	12	58.5
D62370 (449843)	35	<10	<5	137	<10	<10	<5	0.98	<5	<50	253	<1	43	99.7

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506587

PROJECT: AGAT00745

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 17, 2019

DATE RECEIVED: Aug 18, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
D62371 (449844)	9	<10	<5	134	<10	<10	208	0.31	<5	118	61.8	<1	7	126
D62372 (449845)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	2.8
D62373 (449846)	40	<10	<5	138	<10	<10	<5	0.86	<5	<50	265	<1	31	112
D62374 (449847)	43	<10	<5	131	<10	<10	<5	0.82	<5	<50	285	<1	30	107
D62375 (449848)	42	<10	<5	155	<10	<10	<5	0.79	<5	<50	249	<1	25	204
D62376 (449849)	44	<10	<5	148	<10	<10	<5	0.85	<5	<50	264	<1	28	143
D62377 (449850)	42	<10	<5	143	<10	<10	<5	0.86	<5	<50	276	<1	31	124
D62378 (449851)	41	<10	<5	138	<10	<10	<5	0.83	<5	<50	272	<1	31	119
D62379 (449852)	40	<10	<5	233	<10	<10	<5	0.89	<5	<50	271	<1	32	115
D62380 (449853)	42	<10	<5	126	<10	<10	<5	0.92	<5	<50	283	<1	36	125

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506587

PROJECT: AGAT00745

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 17, 2019      DATE RECEIVED: Aug 18, 2019      DATE REPORTED: Sep 20, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D62339 (449812)				355
D62340 (449813)				94
D62341 (449814)				168
D62342 (449815)				157
D62343 (449816)				104
D62344 (449817)				126
D62345 (449818)				60
D62346 (449819)				80
D62347 (449820)				79
D62348 (449821)				122
D62349 (449822)				111
D62350 (449823)				107
D62351 (449824)				131
D62352 (449825)				<5
D62353 (449826)				100
D62354 (449827)				216
D62355 (449828)				220
D62356 (449829)				151
D62357 (449830)				147
D62358 (449831)				142
D62359 (449832)				32
D62360 (449833)				109
D62361 (449834)				43
D62362 (449835)				61
D62363 (449836)				207
D62364 (449837)				36
D62365 (449838)				15
D62366 (449839)				57
D62367 (449840)				25
D62368 (449841)				61
D62369 (449842)				108
D62370 (449843)				75

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19B506587

PROJECT: AGAT00745

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 17, 2019

DATE RECEIVED: Aug 18, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D62371 (449844)			259
D62372 (449845)			<5
D62373 (449846)			24
D62374 (449847)			27
D62375 (449848)			24
D62376 (449849)			26
D62377 (449850)			19
D62378 (449851)			20
D62379 (449852)			24
D62380 (449853)			19

Comments: RDL - Reported Detection Limit  
449812-449853 As, Sb values may be low due to digestion losses.  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506587

PROJECT: AGAT00745

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 17, 2019

DATE RECEIVED: Aug 18, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D62339 (449812)			0.004
D62340 (449813)			0.002
D62341 (449814)			0.004
D62342 (449815)			0.002
D62343 (449816)			0.002
D62344 (449817)			0.002
D62345 (449818)			0.004
D62346 (449819)			0.333
D62347 (449820)			0.003
D62348 (449821)			0.002
D62349 (449822)			0.002
D62350 (449823)			<0.001
D62351 (449824)			0.001
D62352 (449825)			<0.001
D62353 (449826)			0.001
D62354 (449827)			0.002
D62355 (449828)			0.001
D62356 (449829)			0.001
D62357 (449830)			0.002
D62358 (449831)			0.002
D62359 (449832)			<0.001
D62360 (449833)			0.002
D62361 (449834)			<0.001
D62362 (449835)			0.101
D62363 (449836)			0.001
D62364 (449837)			0.006
D62365 (449838)			0.004
D62366 (449839)			0.521
D62367 (449840)			0.001
D62368 (449841)			0.001
D62369 (449842)			0.001
D62370 (449843)			0.001

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506587

PROJECT: AGAT00745

5623 McADAM ROAD  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 17, 2019      DATE RECEIVED: Aug 18, 2019      DATE REPORTED: Sep 20, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D62371 (449844)			0.002
D62372 (449845)			0.001
D62373 (449846)			0.002
D62374 (449847)			0.001
D62375 (449848)			0.002
D62376 (449849)			<0.001
D62377 (449850)			<0.001
D62378 (449851)			0.001
D62379 (449852)			0.001
D62380 (449853)			0.002

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19B506587

PROJECT: AGAT00745

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 17, 2019

DATE RECEIVED: Aug 18, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL:
D62339 (449812)	83.4

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B506587

PROJECT: AGAT00745

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Aug 17, 2019

DATE RECEIVED: Aug 18, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL: 0.01
D62339 (449812)	85.11

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	449812	1.85	1.67	10.2%	449826	< 0.5	< 0.5	0.0%	449836	1.7	2.1	21.1%	449852	< 0.5	< 0.5	0.0%
Al	449812	7.65	7.69	0.5%	449826	7.44	7.41	0.4%	449836	6.63	6.66	0.5%	449852	7.83	7.80	0.4%
As	449812	2	2	0.0%	449826	3	< 1		449836	< 1	< 1	0.0%	449852	< 1	< 1	0.0%
Ba	449812	171	171	0.0%	449826	128	126	1.6%	449836	126	124	1.6%	449852	84	84	0.0%
Be	449812	1.87	1.83	2.2%	449826	1.4	1.4	0.0%	449836	1.1	1.1	0.0%	449852	0.5	0.5	0.0%
Bi	449812	< 1	< 1	0.0%	449826	< 1	< 1	0.0%	449836	< 1	< 1	0.0%	449852	< 1	< 1	0.0%
Ca	449812	2.18	2.17	0.5%	449826	2.58	2.55	1.2%	449836	1.70	1.66	2.4%	449852	6.54	6.55	0.2%
Cd	449812	< 0.5	< 0.5	0.0%	449826	< 0.5	< 0.5	0.0%	449836	< 0.5	< 0.5	0.0%	449852	< 0.5	< 0.5	0.0%
Ce	449812	181	174	3.9%	449826	116	111	4.4%	449836	28	24	15.4%	449852	18	16	11.8%
Co	449812	7.0	7.0	0.0%	449826	15.4	15.6	1.3%	449836	4.04	5.46	29.9%	449852	34.1	34.3	0.6%
Cr	449812	33.4	26.7	22.3%	449826	112	113	0.9%	449836	16.9	16.8	0.6%	449852	95.7	97.8	2.2%
Cu	449812	17.0	19.3	12.7%	449826	1.14	1.19	4.3%	449836	20.6	23.9	14.8%	449852	127	126	0.8%
Fe	449812	3.22	3.24	0.6%	449826	3.89	3.92	0.8%	449836	2.09	2.18	4.2%	449852	9.05	9.02	0.3%
Ga	449812	22	21	4.7%	449826	17	18	5.7%	449836	13	14	7.4%	449852	21	20	4.9%
In	449812	< 1	< 1	0.0%	449826	< 1	< 1	0.0%	449836	< 1	< 1	0.0%	449852	< 1	< 1	0.0%
K	449812	1.60	1.60	0.0%	449826	1.90	1.91	0.5%	449836	1.04	1.07	2.8%	449852	0.21	0.21	0.0%
La	449812	90	87	3.4%	449826	59	58	1.7%	449836	15	13	14.3%	449852	13	13	0.0%
Li	449812	34	33	3.0%	449826	37	37	0.0%	449836	30	30	0.0%	449852	22	22	0.0%
Mg	449812	0.76	0.76	0.0%	449826	2.05	2.07	1.0%	449836	0.44	0.44	0.0%	449852	3.53	3.50	0.9%
Mn	449812	508	503	1.0%	449826	787	790	0.4%	449836	294	290	1.4%	449852	1370	1360	0.7%
Mo	449812	2.17	2.00	8.2%	449826	5.35	4.21	23.8%	449836	4.9	6.2	23.4%	449852	1.6	1.4	13.3%
Na	449812	3.33	3.28	1.5%	449826	2.87	2.83	1.4%	449836	3.04	2.99	1.7%	449852	2.25	2.26	0.4%
Ni	449812	16.5	16.4	0.6%	449826	79.4	79.2	0.3%	449836	6.2	6.9	10.7%	449852	47.9	48.5	1.2%
P	449812	926	997	7.4%	449826	595	606	1.8%	449836	133	113	16.3%	449852	884	922	4.2%
Pb	449812	23	22	4.4%	449826	27	27	0.0%	449836	85	83	2.4%	449852	< 20	< 20	0.0%
Rb	449812	< 50	< 50	0.0%	449826	< 50	< 50	0.0%	449836	< 50	< 50	0.0%	449852	< 50	< 50	0.0%
S	449812	0.04	0.05	22.2%	449826	0.02	0.02	0.0%	449836	0.03	0.05		449852	0.16	0.16	0.0%
Sb	449812	< 1	< 1	0.0%	449826	< 1	< 1	0.0%	449836	< 1	< 1	0.0%	449852	< 1	< 1	0.0%
Sc	449812	8	8	0.0%	449826	13	13	0.0%	449836	5	5	0.0%	449852	40	40	0.0%
Se	449812	< 10	< 10	0.0%	449826	< 10	< 10	0.0%	449836	< 10	< 10	0.0%	449852	< 10	< 10	0.0%
Sn	449812	< 5	< 5	0.0%	449826	< 5	< 5	0.0%	449836	< 5	< 5	0.0%	449852	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	449812	146	144	1.4%	449826	120	118	1.7%	449836	129	127	1.6%	449852	233	234	0.4%
Ta	449812	< 10	< 10	0.0%	449826	< 10	< 10	0.0%	449836	< 10	< 10	0.0%	449852	< 10	< 10	0.0%
Te	449812	< 10	< 10	0.0%	449826	< 10	< 10	0.0%	449836	< 10	< 10	0.0%	449852	< 10	< 10	0.0%
Th	449812	80	78	2.5%	449826	80	67	17.7%	449836	220	202	8.5%	449852	< 5	< 5	0.0%
Ti	449812	0.308	0.304	1.3%	449826	0.28	0.28	0.0%	449836	0.185	0.188	1.6%	449852	0.888	0.882	0.7%
Tl	449812	< 5	< 5	0.0%	449826	< 5	< 5	0.0%	449836	< 5	< 5	0.0%	449852	< 5	< 5	0.0%
U	449812	< 50	< 50	0.0%	449826	< 50	< 50	0.0%	449836	112	109	2.7%	449852	< 50	< 50	0.0%
V	449812	43.5	42.7	1.9%	449826	65.2	65.6	0.6%	449836	25.5	26.5	3.8%	449852	271	269	0.7%
W	449812	< 1	< 1	0.0%	449826	< 1	< 1	0.0%	449836	< 1	< 1	0.0%	449852	< 1	< 1	0.0%
Y	449812	17	17	0.0%	449826	18	18	0.0%	449836	6	5	18.2%	449852	32	32	0.0%
Zn	449812	82.2	80.1	2.6%	449826	95.7	95.6	0.1%	449836	55.0	55.4	0.7%	449852	115	115	0.0%
Zr	449812	355	321	10.1%	449826	100	107	6.8%	449836	207	256	21.2%	449852	24	25	4.1%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	449812	0.004	0.002		449826	0.001	< 0.001		449836	0.001	0.001	0.0%	449852	0.001	< 0.001	



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Al	10.95	10.78	98%	90% - 110%	8.17	8.32	102%	90% - 110%	6.96	6.92	99%	90% - 110%				
As					26	24	93%	90% - 110%	124	125	101%	90% - 110%				
Ba	340	321	95%	90% - 110%	540	503	93%	90% - 110%	186	180	97%	90% - 110%				
Be	2.6	2.8	108%	90% - 110%	4.0	3.4	86%	90% - 110%								
Ca	5.72	5.78	101%	90% - 110%	0.907	0.897	99%	90% - 110%	4.01	3.99	100%	90% - 110%				
Ce	122	110	90%	90% - 110%	98	92	93%	90% - 110%	24	18	76%	90% - 110%				
Co									22.1	20.8	94%	90% - 110%				
Cr					60.3	63.9	106%	90% - 110%								
Cu					150	150	100%	90% - 110%	88.6	84.2	95%	90% - 110%				
Fe	4.34	4.06	93%	90% - 110%	3.77	3.66	97%	90% - 110%	7.56	7.33	97%	90% - 110%				
Ga	35	34	98%	90% - 110%												
K	1.37	1.45	106%	90% - 110%					2.021	2.096	104%	90% - 110%				
La	58	54	93%	90% - 110%	44	45	102%	90% - 110%								
Li	37	39	105%	90% - 110%	47	49	104%	90% - 110%								
Mg	0.325	0.299	92%	90% - 110%	1.10	1.08	98%	90% - 110%	2.412	2.422	100%	90% - 110%				
Mn					780	745	96%	90% - 110%	1510	1398	93%	90% - 110%				
Mo					14	15	110%	90% - 110%								
Na	5.267	5.547	105%	90% - 110%	1.624	1.739	107%	90% - 110%	0.617	0.652	106%	90% - 110%				
Ni	9	7	77%	90% - 110%	32	32	100%	90% - 110%	77.1	71.2	92%	90% - 110%				
P					750	751	100%	90% - 110%	892	863	97%	90% - 110%				
Pb	10	7	74%	90% - 110%	31	28	91%	90% - 110%								
S									0.348	0.331	95%	90% - 110%				
Sc	1.1	1	93%	90% - 110%	12	13	105%	90% - 110%								
Sr	1191	1171	98%	90% - 110%	144	152	106%	90% - 110%	92.8	90	97%	90% - 110%				
Ti	0.172	0.169	98%	90% - 110%	0.53	0.5	94%	90% - 110%								
V	8	8	94%	90% - 110%	77	80	104%	90% - 110%								
Y	119	122	103%	90% - 110%												
Zn	93	94	101%	90% - 110%	130	122	94%	90% - 110%	208	209	101%	90% - 110%				

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GSP7M)				CRM #2 (ref.GSP5G)				CRM #3 (ref.GS6F)								
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits					





**AGAT** Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 19B506587

PROJECT: AGAT00745

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Au	0.725	0.725	100%	90% - 110%	0.562	0.548	98%	90% - 110%	6.87	7.06	103%	90% - 110%				
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## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00745  
 SAMPLING SITE:

AGAT WORK ORDER: 19B506587  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00748

AGAT WORK ORDER: 19B507528

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 20, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

# Certificate of Analysis

AGAT WORK ORDER: 19B507528

PROJECT: AGAT00748

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D73376 (456600)		0.96
D73377 (456601)		0.95
D73378 (456602)		0.95
D73379 (456603)		1.08
D73380 (456604)		2.44
D73381 (456605)		2.18
D73382 (456606)		2.41
D73383 (456607)		2.48
D73384 (456608)		1.86
D73385 (456609)		2.34
D73386 (456610)		0.09
D73387 (456611)		2.48
D73388 (456612)		2.74
D73389 (456613)		2.30
D73390 (456614)		2.29
D73391 (456615)		2.67
D73392 (456616)		0.73
D73393 (456617)		1.65
D73394 (456618)		1.46
D73395 (456619)		1.75
D73396 (456620)		2.06
D73397 (456621)		2.71
D73398 (456622)		2.71
D73399 (456623)		2.15
D73400 (456624)		1.30
D73401 (456625)		1.71
D73402 (456626)		1.87
D73403 (456627)		2.43
D73404 (456628)		2.43
D73405 (456629)		2.40
D73406 (456630)		0.09

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19B507528

PROJECT: AGAT00748

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D73407 (456631)		2.48
D73408 (456632)		2.43
D73409 (456633)		2.33
D73410 (456634)		2.42
D73411 (456635)		2.47
D73412 (456636)		0.70
D73413 (456637)		2.48
D73414 (456638)		2.44
D73415 (456639)		3.43
D73416 (456640)		2.34
D73417 (456641)		2.81
D73418 (456642)		2.81
D73419 (456643)		0.83
D73420 (456644)		2.24
D73421 (456645)		3.30
D73422 (456646)		2.27
D73423 (456647)		1.60
D73424 (456648)		1.44
D73425 (456649)		2.24
D73426 (456650)		0.10
D73427 (456651)		3.07
D73428 (456652)		1.18
D73429 (456653)		2.24
D73430 (456654)		0.98
D73431 (456655)		2.35
D73432 (456656)		0.70
D73433 (456657)		2.53
D73434 (456658)		2.33
D73435 (456659)		2.60
D73436 (456660)		2.31
D73437 (456661)		2.45

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19B507528

PROJECT: AGAT00748

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D73438 (456662)		2.45
D73439 (456663)		1.41
D73440 (456664)		2.02
D73441 (456665)		2.25
D73442 (456666)		2.15
D73443 (456667)		1.57
D73444 (456668)		3.10
D73445 (456669)		2.32
D73446 (456670)		0.10
D73447 (456671)		2.15

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19B507528

PROJECT: AGAT00748

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CANADA L4Z 1N9  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019	DATE RECEIVED: Aug 20, 2019							DATE REPORTED: Sep 20, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D73376 (456600)	<0.5	7.51	<1	106	0.6	<1	6.55	<0.5	<1	43.3	108	111	8.64	18	
D73377 (456601)	<0.5	7.38	<1	51	<0.5	<1	6.34	<0.5	<1	45.9	64.8	118	9.43	20	
D73378 (456602)	<0.5	7.35	<1	50	<0.5	<1	6.21	<0.5	<1	47.1	68.0	134	9.35	20	
D73379 (456603)	<0.5	7.51	<1	56	<0.5	<1	6.36	<0.5	<1	45.5	87.2	98.6	9.30	21	
D73380 (456604)	<0.5	7.29	<1	54	<0.5	<1	5.72	<0.5	<1	44.9	61.5	104	9.45	20	
D73381 (456605)	<0.5	7.78	<1	48	<0.5	<1	6.54	<0.5	<1	47.1	78.5	135	9.83	21	
D73382 (456606)	<0.5	7.50	<1	45	<0.5	<1	6.98	<0.5	<1	48.3	71.3	117	9.95	20	
D73383 (456607)	<0.5	7.85	<1	41	<0.5	<1	7.69	<0.5	<1	46.1	212	85.8	8.77	18	
D73384 (456608)	<0.5	7.93	<1	68	1.0	<1	8.73	<0.5	<1	45.2	207	117	8.33	16	
D73385 (456609)	<0.5	7.79	<1	21	<0.5	<1	6.47	<0.5	<1	44.7	207	112	7.89	17	
D73386 (456610)	<0.5	7.41	<1	187	0.7	<1	6.36	<0.5	8	40.0	162	103	7.54	18	
D73387 (456611)	<0.5	6.76	<1	39	<0.5	<1	6.68	<0.5	<1	42.1	70.5	67.5	10.3	23	
D73388 (456612)	<0.5	6.90	<1	26	<0.5	<1	7.82	<0.5	<1	39.9	132	90.3	8.61	19	
D73389 (456613)	<0.5	7.55	<1	30	<0.5	<1	8.26	<0.5	<1	41.8	242	91.7	7.72	16	
D73390 (456614)	<0.5	7.39	<1	42	<0.5	<1	8.55	<0.5	<1	44.8	272	95.2	8.88	19	
D73391 (456615)	<0.5	7.46	<1	51	<0.5	<1	8.28	<0.5	<1	46.8	308	87.9	8.75	17	
D73392 (456616)	<0.5	0.07	2	11	<0.5	<1	30.9	<0.5	<1	1.0	3.3	<0.5	0.10	<5	
D73393 (456617)	<0.5	7.58	<1	66	<0.5	<1	7.62	<0.5	<1	46.4	266	62.2	9.04	19	
D73394 (456618)	<0.5	7.50	<1	45	<0.5	<1	7.85	<0.5	<1	46.7	296	77.6	8.62	19	
D73395 (456619)	<0.5	6.33	<1	124	0.7	<1	4.65	<0.5	17	17.1	88.1	24.1	11.8	27	
D73396 (456620)	<0.5	6.30	<1	220	0.7	<1	4.27	<0.5	15	18.4	61.3	29.2	11.1	27	
D73397 (456621)	<0.5	6.31	<1	225	0.8	<1	4.32	<0.5	16	17.5	41.6	22.0	11.4	26	
D73398 (456622)	<0.5	6.20	<1	218	0.8	<1	4.33	<0.5	17	16.9	35.1	25.8	11.2	26	
D73399 (456623)	<0.5	7.62	<1	128	<0.5	<1	8.15	<0.5	3	42.6	138	75.4	8.80	25	
D73400 (456624)	<0.5	7.53	<1	179	<0.5	<1	9.60	<0.5	4	39.0	161	72.7	8.71	22	
D73401 (456625)	<0.5	6.15	<1	162	<0.5	<1	4.82	<0.5	21	19.1	25.1	53.1	11.8	27	
D73402 (456626)	<0.5	7.20	<1	140	<0.5	<1	7.99	<0.5	3	41.8	84.5	95.2	9.39	22	
D73403 (456627)	<0.5	7.33	<1	182	0.8	<1	10.0	<0.5	3	41.9	155	93.9	9.14	22	
D73404 (456628)	<0.5	7.69	<1	189	1.1	<1	6.16	0.7	<1	47.6	98.9	103	8.44	21	
D73405 (456629)	<0.5	7.12	<1	193	1.0	<1	6.36	<0.5	<1	48.0	42.1	91.9	9.30	22	
D73406 (456630)	<0.5	7.19	<1	141	<0.5	<1	6.67	<0.5	<1	40.5	157	154	7.77	18	
D73407 (456631)	<0.5	7.12	<1	215	0.6	<1	7.30	<0.5	<1	48.1	59.4	85.3	9.87	22	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B507528

PROJECT: AGAT00748

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019	DATE RECEIVED: Aug 20, 2019							DATE REPORTED: Sep 20, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D73408 (456632)	<0.5	6.80	<1	136	0.6	<1	6.80	<0.5	<1	43.2	63.3	119	10.0	23	
D73409 (456633)	<0.5	8.30	<1	90	<0.5	<1	7.47	<0.5	<1	47.1	193	119	7.68	18	
D73410 (456634)	<0.5	8.06	<1	36	<0.5	<1	7.43	<0.5	<1	47.1	185	104	8.48	18	
D73411 (456635)	<0.5	8.14	<1	66	<0.5	<1	6.88	<0.5	<1	43.9	207	153	7.67	18	
D73412 (456636)	<0.5	0.08	<1	17	<0.5	<1	31.7	<0.5	<1	0.6	3.1	<0.5	0.09	<5	
D73413 (456637)	<0.5	7.75	<1	128	<0.5	<1	7.10	<0.5	<1	49.8	259	109	8.60	19	
D73414 (456638)	<0.5	7.38	<1	51	<0.5	<1	6.99	<0.5	<1	45.0	273	81.6	8.59	18	
D73415 (456639)	<0.5	7.45	<1	72	<0.5	<1	7.49	<0.5	<1	43.5	279	58.2	8.67	18	
D73416 (456640)	<0.5	6.47	<1	237	0.7	<1	4.37	<0.5	17	18.9	102	30.7	12.4	27	
D73417 (456641)	<0.5	6.62	<1	68	<0.5	<1	5.79	<0.5	<1	39.6	132	77.5	8.94	20	
D73418 (456642)	<0.5	6.60	<1	67	<0.5	<1	5.83	<0.5	<1	38.1	115	80.1	9.05	20	
D73419 (456643)	<0.5	0.63	<1	10	<0.5	<1	0.68	<0.5	<1	5.4	180	14.2	1.19	<5	
D73420 (456644)	<0.5	7.32	<1	84	<0.5	<1	7.02	<0.5	<1	45.8	268	100	8.23	19	
D73421 (456645)	<0.5	7.59	<1	143	<0.5	<1	6.64	<0.5	<1	45.9	287	75.0	7.99	19	
D73422 (456646)	<0.5	6.60	<1	185	0.7	<1	3.89	<0.5	17	17.4	71.8	45.7	12.0	27	
D73423 (456647)	<0.5	6.23	<1	311	0.9	<1	4.04	<0.5	23	17.4	99.0	20.5	12.3	26	
D73424 (456648)	<0.5	3.30	<1	1830	4.5	<1	8.32	<0.5	178	52.5	443	82.0	8.75	18	
D73425 (456649)	<0.5	6.51	<1	184	1.5	<1	4.07	<0.5	17	17.6	76.0	23.7	11.9	27	
D73426 (456650)	<0.5	7.44	<1	186	0.7	<1	6.24	<0.5	9	38.3	175	106	7.48	18	
D73427 (456651)	<0.5	7.51	<1	180	1.7	<1	6.72	<0.5	12	41.5	173	158	9.31	21	
D73428 (456652)	<0.5	6.36	12	146	0.7	<1	4.91	1.1	9	39.1	42.9	91.7	11.4	25	
D73429 (456653)	<0.5	6.94	<1	227	0.7	<1	4.18	<0.5	15	23.1	93.5	76.1	12.1	27	
D73430 (456654)	<0.5	6.85	<1	163	0.8	<1	5.89	<0.5	2	37.2	33.5	86.1	9.74	22	
D73431 (456655)	<0.5	7.08	<1	273	0.7	<1	5.26	<0.5	<1	40.9	53.8	78.7	9.78	24	
D73432 (456656)	<0.5	0.09	1	13	<0.5	<1	30.8	<0.5	<1	0.5	2.5	<0.5	0.12	<5	
D73433 (456657)	<0.5	6.84	<1	219	1.0	<1	5.33	<0.5	<1	38.6	42.7	68.6	10.1	22	
D73434 (456658)	<0.5	6.85	<1	361	1.7	<1	5.33	<0.5	<1	38.2	62.2	98.4	10.3	22	
D73435 (456659)	<0.5	7.10	<1	234	0.8	<1	6.35	<0.5	<1	37.2	56.3	85.5	8.79	19	
D73436 (456660)	<0.5	7.42	<1	190	0.5	<1	6.44	<0.5	<1	39.5	64.8	95.6	9.48	20	
D73437 (456661)	<0.5	7.54	<1	221	0.5	<1	5.64	<0.5	<1	40.2	80.5	140	9.70	21	
D73438 (456662)	<0.5	7.56	<1	224	0.5	<1	5.61	<0.5	<1	39.9	90.1	146	9.65	21	
D73439 (456663)	<0.5	7.79	<1	204	<0.5	<1	5.69	<0.5	<1	44.0	108	34.8	9.10	21	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19B507528

PROJECT: AGAT00748

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019	DATE RECEIVED: Aug 20, 2019							DATE REPORTED: Sep 20, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D73440 (456664)	2.0	7.51	<1	408	0.9	<1	2.09	<0.5	40	16.0	165	126	4.22	18	
D73441 (456665)	1.1	7.71	1	633	0.7	<1	0.85	<0.5	33	5.7	43.3	72.6	1.91	18	
D73442 (456666)	4.0	6.96	4	814	0.6	<1	0.87	1.1	42	4.8	103	160	3.12	16	
D73443 (456667)	10.5	5.69	30	331	1.2	<1	2.15	6.8	33	11.3	144	698	7.55	18	
D73444 (456668)	<0.5	3.34	<1	1220	2.9	<1	8.93	<0.5	192	52.6	566	95.8	8.64	17	
D73445 (456669)	0.7	7.03	<1	356	1.0	<1	2.65	0.6	32	6.9	62.3	16.4	2.02	15	
D73446 (456670)	<0.5	7.43	<1	141	<0.5	<1	6.62	<0.5	<1	40.5	163	156	7.73	17	
D73447 (456671)	<0.5	7.95	<1	209	1.0	<1	2.99	0.7	40	8.2	86.3	13.2	2.33	15	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B507528

PROJECT: AGAT00748

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DATE SAMPLED: Aug 19, 2019	DATE RECEIVED: Aug 20, 2019					DATE REPORTED: Sep 20, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D73376 (456600)	<1	0.42	3	24	3.88	1560	4.7	2.22	67.7	311	<20	<50	0.09	<1	
D73377 (456601)	<1	0.27	2	24	4.32	1460	2.4	2.47	66.5	312	<20	<50	0.02	<1	
D73378 (456602)	<1	0.27	2	24	4.32	1440	2.5	2.42	67.2	322	<20	<50	0.02	<1	
D73379 (456603)	<1	0.29	3	23	4.22	1360	3.1	2.52	65.9	363	<20	<50	0.02	<1	
D73380 (456604)	<1	0.26	2	23	3.96	1520	2.2	2.72	59.7	328	<20	<50	0.03	<1	
D73381 (456605)	<1	0.26	2	22	3.91	1660	2.8	2.55	60.9	308	<20	<50	0.11	<1	
D73382 (456606)	<1	0.20	2	24	4.25	1660	2.6	2.15	82.2	328	<20	<50	0.10	<1	
D73383 (456607)	<1	0.16	<2	24	4.24	1710	3.1	1.79	115	274	<20	<50	0.10	<1	
D73384 (456608)	<1	0.24	<2	31	3.94	1900	2.8	1.70	121	262	<20	<50	0.14	<1	
D73385 (456609)	<1	0.11	<2	27	4.84	1400	2.5	2.25	111	297	<20	<50	0.09	<1	
D73386 (456610)	<1	0.43	9	10	4.54	1310	1.8	2.38	105	848	<20	<50	0.09	<1	
D73387 (456611)	<1	0.21	4	22	3.70	1490	2.2	1.70	45.6	540	<20	<50	0.07	<1	
D73388 (456612)	<1	0.19	3	21	3.94	1360	3.3	1.54	63.6	400	<20	<50	0.09	<1	
D73389 (456613)	<1	0.15	<2	28	4.91	1330	2.5	1.71	134	296	<20	<50	0.08	<1	
D73390 (456614)	<1	0.15	2	22	4.57	1580	2.5	1.39	150	389	<20	<50	0.10	<1	
D73391 (456615)	<1	0.13	<2	24	4.56	1550	2.2	1.43	157	367	<20	<50	0.10	<1	
D73392 (456616)	<1	0.01	2	1	3.37	121	<0.5	0.04	1.0	73	<20	<50	0.03	<1	
D73393 (456617)	<1	0.16	2	16	3.96	1580	1.9	2.06	146	485	<20	<50	0.09	<1	
D73394 (456618)	<1	0.15	<2	19	4.17	1480	3.2	1.41	155	373	<20	<50	0.10	<1	
D73395 (456619)	<1	0.31	10	20	1.38	2190	7.3	1.70	5.9	2730	<20	<50	0.11	<1	
D73396 (456620)	<1	0.72	10	24	1.32	2200	5.1	1.64	5.2	3000	<20	<50	0.10	<1	
D73397 (456621)	<1	0.63	10	26	1.25	2290	5.4	1.70	5.5	2730	<20	<50	0.13	<1	
D73398 (456622)	<1	0.71	10	23	1.31	2210	4.4	1.68	4.7	2830	<20	<50	0.10	<1	
D73399 (456623)	<1	0.59	4	10	2.74	1560	1.7	2.10	91.4	303	<20	<50	0.08	<1	
D73400 (456624)	<1	0.64	4	13	2.55	1690	2.2	1.98	90.0	272	<20	<50	0.06	<1	
D73401 (456625)	<1	0.50	10	24	1.27	2170	2.8	1.31	34.2	2690	<20	<50	0.10	<1	
D73402 (456626)	<1	0.39	4	14	2.59	1680	2.0	1.95	76.2	308	<20	<50	0.10	<1	
D73403 (456627)	<1	0.79	4	15	2.77	1810	1.3	1.63	96.4	218	<20	<50	0.09	<1	
D73404 (456628)	<1	0.94	5	23	2.16	1650	2.8	2.13	80.6	466	<20	<50	0.30	<1	
D73405 (456629)	<1	0.49	5	22	2.30	2110	2.4	1.93	58.0	588	<20	<50	0.18	<1	
D73406 (456630)	<1	0.20	3	13	4.51	1360	1.5	2.38	84.8	399	<20	<50	0.15	<1	
D73407 (456631)	<1	0.45	5	13	2.20	2340	2.9	1.79	53.8	496	<20	<50	0.13	<1	

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ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019	DATE RECEIVED: Aug 20, 2019					DATE REPORTED: Sep 20, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D73408 (456632)	<1	0.36	4	19	2.48	2210	4.7	1.78	45.1	560	<20	<50	0.16	<1	
D73409 (456633)	<1	0.31	2	26	3.05	1670	4.3	1.96	102	314	<20	<50	0.11	<1	
D73410 (456634)	<1	0.11	3	25	3.57	1890	3.2	1.51	104	291	<20	<50	0.09	<1	
D73411 (456635)	<1	0.32	2	26	4.73	1290	2.4	1.89	116	259	<20	<50	0.08	<1	
D73412 (456636)	<1	0.02	<2	<1	2.28	112	<0.5	0.04	0.8	91	<20	<50	0.04	<1	
D73413 (456637)	<1	0.52	2	29	4.67	1510	3.7	1.42	185	326	<20	<50	0.12	<1	
D73414 (456638)	<1	0.14	<2	21	4.28	1580	2.9	1.45	153	354	<20	<50	0.10	<1	
D73415 (456639)	<1	0.17	2	18	3.88	1600	3.9	1.53	146	415	<20	<50	0.10	<1	
D73416 (456640)	<1	0.44	10	21	1.28	2430	8.8	1.04	22.0	2710	<20	<50	0.14	<1	
D73417 (456641)	<1	0.23	2	19	4.15	1430	3.3	2.25	74.9	456	<20	<50	0.10	<1	
D73418 (456642)	<1	0.22	2	19	4.08	1460	2.7	2.25	70.6	452	<20	<50	0.12	<1	
D73419 (456643)	<1	0.01	<2	3	0.38	201	29.7	0.23	13.8	65	<20	<50	0.02	<1	
D73420 (456644)	<1	0.18	<2	17	3.68	1480	1.8	2.03	145	395	<20	<50	0.16	<1	
D73421 (456645)	<1	0.67	<2	15	3.69	1430	4.2	1.85	142	387	<20	<50	0.12	<1	
D73422 (456646)	<1	0.48	10	11	1.10	2310	7.0	1.69	10.6	2600	<20	<50	0.22	<1	
D73423 (456647)	<1	0.57	14	16	1.40	2260	9.1	2.14	18.4	2620	<20	<50	0.13	<1	
D73424 (456648)	<1	2.07	100	41	9.00	1650	3.9	0.88	322	2980	<20	<50	0.16	<1	
D73425 (456649)	<1	0.46	10	13	1.30	2200	7.2	2.24	10.1	2820	<20	<50	0.13	<1	
D73426 (456650)	<1	0.43	9	11	4.48	1300	1.6	2.41	104	796	<20	<50	0.09	<1	
D73427 (456651)	<1	0.74	10	13	3.56	1610	3.2	2.31	57.1	635	<20	<50	0.10	<1	
D73428 (456652)	<1	0.46	7	7	1.86	2100	5.1	2.07	22.1	1780	<20	<50	0.36	<1	
D73429 (456653)	<1	0.46	10	8	1.49	2520	7.5	1.52	9.3	2720	<20	<50	0.26	<1	
D73430 (456654)	<1	0.46	5	7	2.48	1730	3.3	2.44	28.0	562	<20	<50	0.14	<1	
D73431 (456655)	<1	0.40	5	10	2.37	1520	4.4	2.31	27.9	547	<20	<50	0.12	<1	
D73432 (456656)	<1	0.01	2	2	2.68	112	<0.5	0.05	<0.5	72	<20	<50	0.04	<1	
D73433 (456657)	<1	0.41	5	9	2.57	1620	3.2	2.24	30.6	450	<20	<50	0.10	<1	
D73434 (456658)	<1	0.81	5	10	2.29	1830	5.5	2.23	28.7	443	<20	<50	0.21	<1	
D73435 (456659)	<1	0.74	4	15	3.15	1520	1.8	2.10	51.1	378	<20	<50	0.10	<1	
D73436 (456660)	<1	0.50	4	15	3.74	1600	2.7	1.80	53.6	378	<20	<50	0.11	<1	
D73437 (456661)	<1	0.47	4	17	3.54	1730	3.9	1.80	53.2	391	<20	<50	0.19	<1	
D73438 (456662)	<1	0.47	4	17	3.49	1720	5.0	1.77	53.2	381	<20	<50	0.22	<1	
D73439 (456663)	<1	0.69	4	16	3.10	1480	3.2	1.19	74.2	390	<20	<50	0.08	<1	

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AGAT WORK ORDER: 19B507528

PROJECT: AGAT00748

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019	DATE RECEIVED: Aug 20, 2019					DATE REPORTED: Sep 20, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D73440 (456664)	<1	1.38	20	24	1.17	667	10.6	1.86	39.9	546	28	<50	1.32	<1	
D73441 (456665)	<1	2.19	17	27	0.65	306	4.9	1.53	5.4	341	47	<50	0.70	<1	
D73442 (456666)	<1	3.08	21	17	0.88	429	10.6	1.67	7.3	225	186	<50	1.92	<1	
D73443 (456667)	<1	1.69	19	20	1.01	580	10.8	2.16	14.1	361	169	<50	6.42	<1	
D73444 (456668)	<1	2.01	108	23	10.0	1590	5.1	0.87	307	3110	<20	<50	0.19	<1	
D73445 (456669)	<1	2.58	18	18	1.21	694	6.1	1.57	14.0	491	139	<50	0.19	<1	
D73446 (456670)	<1	0.21	3	13	4.63	1380	1.5	2.40	85.2	398	<20	<50	0.15	<1	
D73447 (456671)	<1	2.11	22	23	1.43	819	11.2	1.50	15.6	456	100	<50	0.22	<1	

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DATE SAMPLED: Aug 19, 2019	DATE RECEIVED: Aug 20, 2019					DATE REPORTED: Sep 20, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D73376 (456600)	47	<10	<5	99	<10	<10	<5	0.68	<5	<50	345	3	21	84.1	
D73377 (456601)	51	<10	<5	98	<10	<10	<5	0.81	<5	<50	393	1	24	73.0	
D73378 (456602)	52	<10	<5	95	<10	<10	<5	0.80	<5	<50	395	2	24	71.5	
D73379 (456603)	52	<10	<5	96	<10	<10	<5	0.82	<5	<50	404	1	24	77.1	
D73380 (456604)	53	<10	<5	85	<10	<10	<5	0.82	<5	<50	400	2	24	84.8	
D73381 (456605)	54	<10	<5	103	<10	<10	<5	0.83	<5	<50	405	2	24	101	
D73382 (456606)	52	<10	<5	84	<10	<10	<5	0.82	<5	<50	394	3	22	98.9	
D73383 (456607)	45	<10	<5	73	<10	<10	<5	0.66	<5	<50	315	4	20	101	
D73384 (456608)	45	<10	<5	77	<10	<10	<5	0.64	<5	<50	296	4	21	86.2	
D73385 (456609)	46	<10	<5	90	<10	<10	<5	0.65	<5	<50	309	1	20	82.3	
D73386 (456610)	35	<10	<5	236	<10	<10	<5	0.86	<5	<50	247	2	22	92.3	
D73387 (456611)	50	<10	<5	79	<10	<10	<5	1.01	<5	<50	415	2	35	92.1	
D73388 (456612)	47	<10	<5	91	<10	<10	<5	0.79	<5	<50	342	4	27	80.0	
D73389 (456613)	39	<10	<5	75	<10	<10	<5	0.65	<5	<50	265	3	17	80.4	
D73390 (456614)	41	<10	<5	86	<10	<10	<5	0.83	<5	<50	292	4	19	92.6	
D73391 (456615)	42	<10	<5	85	<10	<10	<5	0.80	<5	<50	312	2	18	93.4	
D73392 (456616)	<1	<10	<5	60	<10	<10	<5	<0.01	<5	<50	5.6	<1	2	3.4	
D73393 (456617)	42	<10	<5	109	<10	<10	<5	0.86	<5	<50	294	3	21	105	
D73394 (456618)	42	<10	<5	92	<10	<10	<5	0.83	<5	<50	302	1	19	90.8	
D73395 (456619)	34	<10	<5	167	<10	<10	<5	0.98	<5	<50	18.2	4	73	184	
D73396 (456620)	33	<10	<5	109	<10	<10	<5	0.91	<5	<50	18.0	4	73	170	
D73397 (456621)	34	<10	<5	162	<10	<10	<5	0.91	<5	<50	17.0	5	73	176	
D73398 (456622)	32	<10	<5	110	<10	<10	<5	0.92	<5	<50	17.2	3	71	172	
D73399 (456623)	46	<10	<5	91	<10	<10	<5	0.70	<5	<50	343	<1	22	95.2	
D73400 (456624)	42	<10	<5	94	<10	<10	<5	0.65	<5	<50	316	<1	21	88.7	
D73401 (456625)	32	<10	<5	142	<10	<10	<5	0.91	<5	<50	25.7	<1	66	152	
D73402 (456626)	45	<10	<5	87	<10	11	<5	0.75	<5	<50	351	<1	22	92.2	
D73403 (456627)	44	<10	<5	110	<10	<10	<5	0.62	<5	<50	319	<1	21	88.9	
D73404 (456628)	42	<10	<5	128	<10	<10	<5	0.86	<5	<50	398	<1	32	220	
D73405 (456629)	46	<10	<5	112	<10	<10	<5	1.10	<5	<50	481	3	42	158	
D73406 (456630)	45	<10	<5	108	<10	<10	<5	0.70	<5	<50	307	2	22	81.6	
D73407 (456631)	47	<10	<5	104	<10	<10	<5	1.11	<5	<50	487	3	43	132	

Certified By:



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ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D73408 (456632)	47	<10	<5	105	<10	<10	<5	1.05	<5	<50	474	3	41	120
D73409 (456633)	45	<10	<5	107	<10	<10	<5	0.70	<5	<50	332	<1	22	96.5
D73410 (456634)	45	<10	<5	114	<10	<10	<5	0.68	<5	<50	331	2	22	88.6
D73411 (456635)	43	<10	<5	113	<10	<10	<5	0.55	<5	<50	288	1	18	73.7
D73412 (456636)	<1	<10	<5	64	<10	<10	<5	<0.01	<5	<50	5.2	<1	2	4.9
D73413 (456637)	40	<10	<5	98	<10	<10	<5	0.74	<5	<50	294	3	20	94.5
D73414 (456638)	41	<10	<5	125	<10	<10	<5	0.81	<5	<50	293	3	18	84.7
D73415 (456639)	41	<10	<5	134	<10	<10	<5	0.82	<5	<50	286	5	19	89.8
D73416 (456640)	34	<10	<5	120	<10	<10	<5	0.97	<5	<50	24.4	3	75	171
D73417 (456641)	42	<10	<5	93	<10	<10	<5	0.96	<5	<50	326	2	21	87.8
D73418 (456642)	41	<10	<5	93	<10	<10	<5	0.96	<5	<50	325	3	21	90.1
D73419 (456643)	4	<10	<5	13	<10	<10	<5	0.09	<5	<50	29.7	<1	2	12.1
D73420 (456644)	42	<10	<5	91	<10	<10	<5	0.81	<5	<50	302	2	19	83.0
D73421 (456645)	43	<10	<5	80	<10	<10	<5	0.79	<5	<50	291	2	17	81.1
D73422 (456646)	34	<10	<5	125	<10	<10	<5	0.93	<5	<50	22.8	2	74	173
D73423 (456647)	32	<10	<5	299	<10	<10	<5	0.97	<5	<50	32.8	3	69	182
D73424 (456648)	25	<10	<5	1060	<10	<10	<5	1.70	<5	<50	269	<1	32	95.7
D73425 (456649)	34	<10	<5	177	<10	<10	<5	0.93	<5	<50	40.8	<1	69	170
D73426 (456650)	35	<10	<5	238	<10	<10	<5	0.86	<5	<50	243	1	22	91.7
D73427 (456651)	48	<10	<5	198	<10	<10	<5	0.95	<5	<50	308	4	26	102
D73428 (456652)	37	<10	<5	159	<10	<10	<5	0.95	<5	<50	194	8	56	298
D73429 (456653)	37	<10	<5	145	<10	<10	<5	1.02	<5	<50	62.0	4	75	154
D73430 (456654)	44	<10	<5	151	<10	<10	<5	0.99	<5	<50	395	3	38	160
D73431 (456655)	48	<10	<5	158	<10	<10	<5	1.06	<5	<50	450	3	37	127
D73432 (456656)	<1	<10	<5	61	<10	<10	<5	<0.01	<5	<50	5.4	<1	3	3.4
D73433 (456657)	43	<10	<5	168	<10	<10	<5	0.91	<5	<50	377	3	36	115
D73434 (456658)	45	<10	<5	189	<10	<10	<5	0.95	<5	<50	399	2	38	116
D73435 (456659)	47	<10	<5	154	<10	<10	<5	0.76	<5	<50	339	3	29	96.9
D73436 (456660)	49	<10	<5	144	<10	<10	<5	0.81	<5	<50	356	16	28	112
D73437 (456661)	49	<10	<5	155	<10	<10	<5	0.85	<5	<50	366	3	29	103
D73438 (456662)	49	<10	<5	154	<10	<10	<5	0.84	<5	<50	365	2	29	104
D73439 (456663)	48	<10	<5	160	<10	<10	<5	0.79	<5	<50	338	1	28	102

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## Certificate of Analysis

AGAT WORK ORDER: 19B507528

PROJECT: AGAT00748

5623 McADAM ROAD  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D73440 (456664)	12	<10	<5	218	<10	<10	<5	0.28	<5	<50	92.1	3	12	148
D73441 (456665)	5	<10	<5	110	<10	<10	<5	0.18	<5	<50	31.6	3	5	59.8
D73442 (456666)	6	<10	10	95	<10	<10	<5	0.14	<5	<50	30.7	5	6	249
D73443 (456667)	7	<10	10	133	<10	<10	<5	0.15	<5	<50	39.8	15	9	1130
D73444 (456668)	26	<10	<5	1060	<10	<10	<5	2.02	<5	<50	290	3	28	101
D73445 (456669)	6	<10	<5	134	<10	<10	<5	0.22	<5	<50	40.7	3	10	159
D73446 (456670)	46	<10	<5	108	<10	<10	<5	0.70	<5	<50	307	1	23	82.2
D73447 (456671)	7	<10	<5	98	<10	<10	<5	0.25	<5	<50	45.3	2	10	219

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## Certificate of Analysis

AGAT WORK ORDER: 19B507528

PROJECT: AGAT00748

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019      DATE RECEIVED: Aug 20, 2019      DATE REPORTED: Sep 20, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D73376 (456600)				19
D73377 (456601)				18
D73378 (456602)				18
D73379 (456603)				19
D73380 (456604)				18
D73381 (456605)				16
D73382 (456606)				16
D73383 (456607)				13
D73384 (456608)				18
D73385 (456609)				12
D73386 (456610)				78
D73387 (456611)				20
D73388 (456612)				14
D73389 (456613)				13
D73390 (456614)				14
D73391 (456615)				14
D73392 (456616)				<5
D73393 (456617)				15
D73394 (456618)				13
D73395 (456619)				14
D73396 (456620)				21
D73397 (456621)				12
D73398 (456622)				14
D73399 (456623)				18
D73400 (456624)				15
D73401 (456625)				17
D73402 (456626)				16
D73403 (456627)				16
D73404 (456628)				24
D73405 (456629)				18
D73406 (456630)				54
D73407 (456631)				21

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## Certificate of Analysis

AGAT WORK ORDER: 19B507528

PROJECT: AGAT00748

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019      DATE RECEIVED: Aug 20, 2019      DATE REPORTED: Sep 20, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D73408 (456632)				21
D73409 (456633)				14
D73410 (456634)				11
D73411 (456635)				17
D73412 (456636)				<5
D73413 (456637)				13
D73414 (456638)				12
D73415 (456639)				15
D73416 (456640)				31
D73417 (456641)				13
D73418 (456642)				14
D73419 (456643)				<5
D73420 (456644)				14
D73421 (456645)				14
D73422 (456646)				15
D73423 (456647)				20
D73424 (456648)				72
D73425 (456649)				41
D73426 (456650)				85
D73427 (456651)				97
D73428 (456652)				30
D73429 (456653)				34
D73430 (456654)				20
D73431 (456655)				24
D73432 (456656)				<5
D73433 (456657)				20
D73434 (456658)				32
D73435 (456659)				15
D73436 (456660)				15
D73437 (456661)				14
D73438 (456662)				15
D73439 (456663)				14

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## Certificate of Analysis

AGAT WORK ORDER: 19B507528

PROJECT: AGAT00748

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
Sample ID (AGAT ID)	RDL:
	5
D73440 (456664)	92
D73441 (456665)	57
D73442 (456666)	98
D73443 (456667)	97
D73444 (456668)	121
D73445 (456669)	105
D73446 (456670)	56
D73447 (456671)	93

Comments: RDL - Reported Detection Limit

456600-456671 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

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## Certificate of Analysis

AGAT WORK ORDER: 19B507528

PROJECT: AGAT00748

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 19, 2019      DATE RECEIVED: Aug 20, 2019      DATE REPORTED: Sep 20, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D73376 (456600)		0.007	
D73377 (456601)		0.005	
D73378 (456602)		0.006	
D73379 (456603)		0.049	
D73380 (456604)		0.005	
D73381 (456605)		0.005	
D73382 (456606)		0.003	
D73383 (456607)		0.003	
D73384 (456608)		0.003	
D73385 (456609)		0.004	
D73386 (456610)		0.344	
D73387 (456611)		0.005	
D73388 (456612)		0.005	
D73389 (456613)		0.007	
D73390 (456614)		0.017	
D73391 (456615)		0.003	
D73392 (456616)		<0.001	
D73393 (456617)		0.003	
D73394 (456618)		0.003	
D73395 (456619)		0.001	
D73396 (456620)		0.002	
D73397 (456621)		0.003	
D73398 (456622)		0.002	
D73399 (456623)		0.001	
D73400 (456624)		0.013	
D73401 (456625)		0.007	
D73402 (456626)		0.004	
D73403 (456627)		0.011	
D73404 (456628)		0.005	
D73405 (456629)		0.003	
D73406 (456630)		0.529	
D73407 (456631)		0.005	

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## Certificate of Analysis

AGAT WORK ORDER: 19B507528

PROJECT: AGAT00748

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 19, 2019      DATE RECEIVED: Aug 20, 2019      DATE REPORTED: Sep 20, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D73408 (456632)			0.004
D73409 (456633)			0.004
D73410 (456634)			0.005
D73411 (456635)			0.006
D73412 (456636)			0.001
D73413 (456637)			0.005
D73414 (456638)			0.003
D73415 (456639)			0.003
D73416 (456640)			0.004
D73417 (456641)			0.007
D73418 (456642)			0.004
D73419 (456643)			0.001
D73420 (456644)			0.004
D73421 (456645)			0.006
D73422 (456646)			0.004
D73423 (456647)			0.003
D73424 (456648)			0.002
D73425 (456649)			0.002
D73426 (456650)			0.323
D73427 (456651)			0.003
D73428 (456652)			0.012
D73429 (456653)			0.005
D73430 (456654)			0.006
D73431 (456655)			0.005
D73432 (456656)			0.001
D73433 (456657)			0.010
D73434 (456658)			0.012
D73435 (456659)			0.010
D73436 (456660)			0.028
D73437 (456661)			0.028
D73438 (456662)			0.023
D73439 (456663)			0.008

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## Certificate of Analysis

AGAT WORK ORDER: 19B507528

PROJECT: AGAT00748

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au	ppm	0.001	
D73440 (456664)				0.026
D73441 (456665)				0.041
D73442 (456666)				0.026
D73443 (456667)				0.026
D73444 (456668)				0.002
D73445 (456669)				0.009
D73446 (456670)				0.531
D73447 (456671)				0.020

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19B507528

PROJECT: AGAT00748

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Sep 20, 2019


SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D73376 (456600)		83.3
D73396 (456620)		83.9
D73416 (456640)		84.2
D73436 (456660)		85

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	456600	< 0.5	< 0.5	0.0%	456615	< 0.5	< 0.5	0.0%	456625	< 0.5	< 0.5	0.0%	456639	< 0.5	< 0.5	0.0%
Al	456600	7.51	7.54	0.4%	456615	7.46	7.49	0.4%	456625	6.15	6.10	0.8%	456639	7.45	7.49	0.5%
As	456600	< 1	< 1	0.0%	456615	< 1	< 1	0.0%	456625	< 1	< 1	0.0%	456639	< 1	< 1	0.0%
Ba	456600	106	100	5.8%	456615	51	49	4.0%	456625	162	168	3.6%	456639	72	74	2.7%
Be	456600	0.6	< 0.5		456615	< 0.5	< 0.5	0.0%	456625	< 0.5	< 0.5	0.0%	456639	< 0.5	< 0.5	0.0%
Bi	456600	< 1	< 1	0.0%	456615	< 1	< 1	0.0%	456625	< 1	< 1	0.0%	456639	< 1	< 1	0.0%
Ca	456600	6.55	6.62	1.1%	456615	8.28	8.34	0.7%	456625	4.82	4.77	1.0%	456639	7.49	7.56	0.9%
Cd	456600	< 0.5	< 0.5	0.0%	456615	< 0.5	< 0.5	0.0%	456625	< 0.5	< 0.5	0.0%	456639	< 0.5	< 0.5	0.0%
Ce	456600	< 1	< 1	0.0%	456615	< 1	< 1	0.0%	456625	21	20	4.9%	456639	< 1	< 1	0.0%
Co	456600	43.3	43.5	0.5%	456615	46.8	47.6	1.7%	456625	19.1	20.1	5.1%	456639	43.5	43.7	0.5%
Cr	456600	108	93.6	14.3%	456615	308	290	6.0%	456625	25.1	29.7	16.8%	456639	279	274	1.8%
Cu	456600	111	120	7.8%	456615	87.9	84.9	3.5%	456625	53.1	53.8	1.3%	456639	58.2	60.0	3.0%
Fe	456600	8.64	8.70	0.7%	456615	8.75	8.72	0.3%	456625	11.8	11.8	0.0%	456639	8.67	8.76	1.0%
Ga	456600	18	19	5.4%	456615	17	19	11.1%	456625	27	28	3.6%	456639	18	19	5.4%
In	456600	< 1	< 1	0.0%	456615	< 1	< 1	0.0%	456625	< 1	< 1	0.0%	456639	< 1	< 1	0.0%
K	456600	0.415	0.401	3.4%	456615	0.13	0.13	0.0%	456625	0.50	0.50	0.0%	456639	0.17	0.17	0.0%
La	456600	3	3	0.0%	456615	< 2	< 2	0.0%	456625	10	10	0.0%	456639	2	2	0.0%
Li	456600	24	24	0.0%	456615	24	25	4.1%	456625	24	25	4.1%	456639	18	18	0.0%
Mg	456600	3.88	3.88	0.0%	456615	4.56	4.55	0.2%	456625	1.27	1.25	1.6%	456639	3.88	3.92	1.0%
Mn	456600	1560	1610	3.2%	456615	1550	1550	0.0%	456625	2170	2120	2.3%	456639	1600	1610	0.6%
Mo	456600	4.7	3.8	21.2%	456615	2.2	2.2	0.0%	456625	2.82	3.39	18.4%	456639	3.94	4.17	5.7%
Na	456600	2.22	2.22	0.0%	456615	1.43	1.43	0.0%	456625	1.31	1.34	2.3%	456639	1.53	1.55	1.3%
Ni	456600	67.7	67.3	0.6%	456615	157	158	0.6%	456625	34.2	27.0	23.5%	456639	146	145	0.7%
P	456600	311	329	5.6%	456615	367	396	7.6%	456625	2690	2810	4.4%	456639	415	417	0.5%
Pb	456600	< 20	< 20	0.0%	456615	< 20	< 20	0.0%	456625	< 20	< 20	0.0%	456639	< 20	< 20	0.0%
Rb	456600	< 50	< 50	0.0%	456615	< 50	< 50	0.0%	456625	< 50	< 50	0.0%	456639	< 50	< 50	0.0%
S	456600	0.087	0.083	4.7%	456615	0.102	0.093	9.2%	456625	0.103	0.110	6.6%	456639	0.10	0.10	0.0%
Sb	456600	< 1	< 1	0.0%	456615	< 1	< 1	0.0%	456625	< 1	< 1	0.0%	456639	< 1	< 1	0.0%
Sc	456600	47	47	0.0%	456615	42	42	0.0%	456625	32	33	3.1%	456639	41	41	0.0%
Se	456600	< 10	< 10	0.0%	456615	< 10	< 10	0.0%	456625	< 10	< 10	0.0%	456639	< 10	< 10	0.0%
Sn	456600	< 5	< 5	0.0%	456615	< 5	< 5	0.0%	456625	< 5	< 5	0.0%	456639	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	456600	99	97	2.0%	456615	85	86	1.2%	456625	142	146	2.8%	456639	134	136	1.5%
Ta	456600	< 10	< 10	0.0%	456615	< 10	< 10	0.0%	456625	< 10	< 10	0.0%	456639	< 10	< 10	0.0%
Te	456600	< 10	< 10	0.0%	456615	< 10	< 10	0.0%	456625	< 10	< 10	0.0%	456639	< 10	< 10	0.0%
Th	456600	< 5	< 5	0.0%	456615	< 5	< 5	0.0%	456625	< 5	< 5	0.0%	456639	< 5	< 5	0.0%
Ti	456600	0.683	0.693	1.5%	456615	0.80	0.80	0.0%	456625	0.91	0.93	2.2%	456639	0.825	0.830	0.6%
Tl	456600	< 5	< 5	0.0%	456615	< 5	< 5	0.0%	456625	< 5	< 5	0.0%	456639	< 5	< 5	0.0%
U	456600	< 50	< 50	0.0%	456615	< 50	< 50	0.0%	456625	< 50	< 50	0.0%	456639	< 50	< 50	0.0%
V	456600	345	341	1.2%	456615	312	312	0.0%	456625	25.7	25.9	0.8%	456639	286	288	0.7%
W	456600	3	4	28.6%	456615	2	2	0.0%	456625	< 1	< 1	0.0%	456639	5	4	22.2%
Y	456600	21	21	0.0%	456615	18	18	0.0%	456625	66	68	3.0%	456639	19	19	0.0%
Zn	456600	84.1	84.7	0.7%	456615	93.4	89.2	4.6%	456625	152	156	2.6%	456639	89.8	93.3	3.8%
Zr	456600	19	20	5.1%	456615	14	14	0.0%	456625	17	22	25.6%	456639	15	14	6.9%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	456651	< 0.5	< 0.5	0.0%	456665	1.1	1.2	8.7%								
Al	456651	7.51	7.54	0.4%	456665	7.71	7.77	0.8%								
As	456651	< 1	< 1	0.0%	456665	1	2									
Ba	456651	180	179	0.6%	456665	633	629	0.6%								
Be	456651	1.7	1.7	0.0%	456665	0.7	0.7	0.0%								
Bi	456651	< 1	< 1	0.0%	456665	< 1	< 1	0.0%								
Ca	456651	6.72	6.75	0.4%	456665	0.853	0.883	3.5%								
Cd	456651	< 0.5	< 0.5	0.0%	456665	< 0.5	< 0.5	0.0%								
Ce	456651	12	12	0.0%	456665	33	29	12.9%								
Co	456651	41.5	43.5	4.7%	456665	5.7	5.7	0.0%								
Cr	456651	173	157	9.7%	456665	43.3	40.7	6.2%								
Cu	456651	158	158	0.0%	456665	72.6	69.3	4.7%								
Fe	456651	9.31	9.39	0.9%	456665	1.91	1.92	0.5%								
Ga	456651	21	22	4.7%	456665	18	18	0.0%								
In	456651	< 1	< 1	0.0%	456665	< 1	< 1	0.0%								
K	456651	0.74	0.74	0.0%	456665	2.19	2.19	0.0%								
La	456651	10	11	9.5%	456665	17	15	12.5%								
Li	456651	13	14	7.4%	456665	27	27	0.0%								
Mg	456651	3.56	3.61	1.4%	456665	0.652	0.656	0.6%								
Mn	456651	1610	1610	0.0%	456665	306	303	1.0%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	456651	3.2	3.0	6.5%	456665	4.9	4.8	2.1%								
Na	456651	2.31	2.34	1.3%	456665	1.53	1.54	0.7%								
Ni	456651	57.1	58.9	3.1%	456665	5.4	5.8	7.1%								
P	456651	635	654	2.9%	456665	341	335	1.8%								
Pb	456651	< 20	< 20	0.0%	456665	47	49	4.2%								
Rb	456651	< 50	< 50	0.0%	456665	< 50	< 50	0.0%								
S	456651	0.10	0.10	0.0%	456665	0.697	0.715	2.5%								
Sb	456651	< 1	< 1	0.0%	456665	< 1	< 1	0.0%								
Sc	456651	48	48	0.0%	456665	5	5	0.0%								
Se	456651	< 10	< 10	0.0%	456665	< 10	< 10	0.0%								
Sn	456651	< 5	< 5	0.0%	456665	< 5	< 5	0.0%								
Sr	456651	198	197	0.5%	456665	110	111	0.9%								
Ta	456651	< 10	< 10	0.0%	456665	< 10	< 10	0.0%								
Te	456651	< 10	< 10	0.0%	456665	< 10	< 10	0.0%								
Th	456651	< 5	< 5	0.0%	456665	< 5	< 5	0.0%								
Ti	456651	0.952	0.978	2.7%	456665	0.18	0.18	0.0%								
Tl	456651	< 5	< 5	0.0%	456665	< 5	< 5	0.0%								
U	456651	< 50	< 50	0.0%	456665	< 50	< 50	0.0%								
V	456651	308	315	2.2%	456665	31.6	31.7	0.3%								
W	456651	4	3	28.6%	456665	3	1									
Y	456651	26	26	0.0%	456665	5	5	0.0%								
Zn	456651	102	104	1.9%	456665	59.8	61.8	3.3%								
Zr	456651	97	98	1.0%	456665	57	55	3.6%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	456600	0.007	0.005		456615	0.003	0.003	0.0%	456625	0.007	0.005	33.3%	456639	0.003	0.003	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	456651	0.003	0.004		456665	0.0411	0.0392	4.7%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.WMG-1a)				CRM #4 (ref.GSP7M)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag									3.03	3.04	100%	90% - 110%				
Al	10.95	10.76	98%	90% - 110%	8.17	8.14	100%	90% - 110%	4.75	4.91	103%	90% - 110%	10.95	10.97	100%	90% - 110%
As					26	25	98%	90% - 110%								
Ba	340	322	95%	90% - 110%	540	501	93%	90% - 110%	216	207	96%	90% - 110%	340	317	93%	90% - 110%
Be	2.6	2.8	107%	90% - 110%	4.0	3.6	91%	90% - 110%					2.6	2.7	104%	90% - 110%
Ca	5.72	5.51	96%	90% - 110%	0.907	0.897	99%	90% - 110%	10	9	93%	90% - 110%	5.72	5.4	94%	90% - 110%
Ce	122	114	94%	90% - 110%	98	92	94%	90% - 110%					122	114	93%	90% - 110%
Co									191	175	92%	90% - 110%				
Cr					60.3	62.3	103%	90% - 110%	670	619	92%	90% - 110%				
Cu					150	146	98%	90% - 110%	7120	7450	105%	90% - 110%				
Fe	4.34	3.95	91%	90% - 110%	3.77	3.57	95%	90% - 110%	12.71	11.8	93%	90% - 110%	4.34	3.96	91%	90% - 110%
Ga	35	36	102%	90% - 110%									35	35	101%	90% - 110%
K	1.37	1.44	105%	90% - 110%					0.1021	0.1083	106%	90% - 110%	1.37	1.45	106%	90% - 110%
La	58	57	99%	90% - 110%	44	43	97%	90% - 110%	8.47	8.01	95%	90% - 110%	58	56	96%	90% - 110%
Li	37	39	106%	90% - 110%	47	47	99%	90% - 110%					37	40	108%	90% - 110%
Mg	0.325	0.301	93%	90% - 110%	1.10	1.12	102%	90% - 110%	7.41	7.76	105%	90% - 110%	0.325	0.305	94%	90% - 110%
Mn					780	750	96%	90% - 110%								
Mo					14	14	102%	90% - 110%								
Na	5.267	5.568	106%	90% - 110%	1.624	1.677	103%	90% - 110%	0.112	0.12	107%	90% - 110%	5.267	5.576	106%	90% - 110%
Ni	9	7	77%	90% - 110%	32	32	100%	90% - 110%	2480	2292	92%	90% - 110%				
P					750	721	96%	90% - 110%	731	677	93%	90% - 110%				
Pb	10	9	90%	90% - 110%	31	32	103%	90% - 110%					10	9	86%	90% - 110%
Sc	1.1	1	95%	90% - 110%	12	13	106%	90% - 110%	21.33	20.76	97%	90% - 110%	1.1	1.1	98%	90% - 110%
Sr	1191	1114	94%	90% - 110%	144	140	97%	90% - 110%	39	37	95%	90% - 110%	1191	1112	93%	90% - 110%
Ti	0.172	0.172	100%	90% - 110%	0.53	0.48	91%	90% - 110%	0.419	0.43	103%	90% - 110%	0.172	0.172	100%	90% - 110%
V	8	8	96%	90% - 110%	77	82	106%	90% - 110%	158	157	99%	90% - 110%	8	8	97%	90% - 110%
W					5	5	93%	90% - 110%								
Y	119	128	107%	90% - 110%					12.67	12.84	101%	90% - 110%	119	125	105%	90% - 110%
Zn	93	93	100%	90% - 110%	130	123	94%	90% - 110%	112	112	100%	90% - 110%	93	89	96%	90% - 110%
Zr									35.7	36.9	103%	90% - 110%				

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



**AGAT** Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 19B507528

PROJECT: AGAT00748

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP5G)				CRM #4 (ref.GSP7M)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.27	4.75	90%	90% - 110%	6.87	6.77	99%	90% - 110%	0.562	0.602	107%	90% - 110%	0.725	0.775	107%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00748  
 SAMPLING SITE:

AGAT WORK ORDER: 19B507528  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MW-200-12006	BUGBEE, E;A Textbook of Fire Assay	ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00748

AGAT WORK ORDER: 19B507528

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 20, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19B507528

PROJECT: AGAT00748

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D73376 (456600)		0.96
D73377 (456601)		0.95
D73378 (456602)		0.95
D73379 (456603)		1.08
D73380 (456604)		2.44
D73381 (456605)		2.18
D73382 (456606)		2.41
D73383 (456607)		2.48
D73384 (456608)		1.86
D73385 (456609)		2.34
D73386 (456610)		0.09
D73387 (456611)		2.48
D73388 (456612)		2.74
D73389 (456613)		2.30
D73390 (456614)		2.29
D73391 (456615)		2.67
D73392 (456616)		0.73
D73393 (456617)		1.65
D73394 (456618)		1.46
D73395 (456619)		1.75
D73396 (456620)		2.06
D73397 (456621)		2.71
D73398 (456622)		2.71
D73399 (456623)		2.15
D73400 (456624)		1.30
D73401 (456625)		1.71
D73402 (456626)		1.87
D73403 (456627)		2.43
D73404 (456628)		2.43
D73405 (456629)		2.40
D73406 (456630)		0.09

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19B507528

PROJECT: AGAT00748

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D73407 (456631)		2.48
D73408 (456632)		2.43
D73409 (456633)		2.33
D73410 (456634)		2.42
D73411 (456635)		2.47
D73412 (456636)		0.70
D73413 (456637)		2.48
D73414 (456638)		2.44
D73415 (456639)		3.43
D73416 (456640)		2.34
D73417 (456641)		2.81
D73418 (456642)		2.81
D73419 (456643)		0.83
D73420 (456644)		2.24
D73421 (456645)		3.30
D73422 (456646)		2.27
D73423 (456647)		1.60
D73424 (456648)		1.44
D73425 (456649)		2.24
D73426 (456650)		0.10
D73427 (456651)		3.07
D73428 (456652)		1.18
D73429 (456653)		2.24
D73430 (456654)		0.98
D73431 (456655)		2.35
D73432 (456656)		0.70
D73433 (456657)		2.53
D73434 (456658)		2.33
D73435 (456659)		2.60
D73436 (456660)		2.31
D73437 (456661)		2.45

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19B507528

PROJECT: AGAT00748

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Aug 19, 2019      DATE RECEIVED: Aug 20, 2019      DATE REPORTED: Sep 20, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D73438 (456662)		2.45
D73439 (456663)		1.41
D73440 (456664)		2.02
D73441 (456665)		2.25
D73442 (456666)		2.15
D73443 (456667)		1.57
D73444 (456668)		3.10
D73445 (456669)		2.32
D73446 (456670)		0.10
D73447 (456671)		2.15

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19B507528

PROJECT: AGAT00748

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MISSISSAUGA, ONTARIO  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019	DATE RECEIVED: Aug 20, 2019							DATE REPORTED: Sep 20, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D73376 (456600)	<0.5	7.51	<1	106	0.6	<1	6.55	<0.5	<1	43.3	108	111	8.64	18	
D73377 (456601)	<0.5	7.38	<1	51	<0.5	<1	6.34	<0.5	<1	45.9	64.8	118	9.43	20	
D73378 (456602)	<0.5	7.35	<1	50	<0.5	<1	6.21	<0.5	<1	47.1	68.0	134	9.35	20	
D73379 (456603)	<0.5	7.51	<1	56	<0.5	<1	6.36	<0.5	<1	45.5	87.2	98.6	9.30	21	
D73380 (456604)	<0.5	7.29	<1	54	<0.5	<1	5.72	<0.5	<1	44.9	61.5	104	9.45	20	
D73381 (456605)	<0.5	7.78	<1	48	<0.5	<1	6.54	<0.5	<1	47.1	78.5	135	9.83	21	
D73382 (456606)	<0.5	7.50	<1	45	<0.5	<1	6.98	<0.5	<1	48.3	71.3	117	9.95	20	
D73383 (456607)	<0.5	7.85	<1	41	<0.5	<1	7.69	<0.5	<1	46.1	212	85.8	8.77	18	
D73384 (456608)	<0.5	7.93	<1	68	1.0	<1	8.73	<0.5	<1	45.2	207	117	8.33	16	
D73385 (456609)	<0.5	7.79	<1	21	<0.5	<1	6.47	<0.5	<1	44.7	207	112	7.89	17	
D73386 (456610)	<0.5	7.41	<1	187	0.7	<1	6.36	<0.5	8	40.0	162	103	7.54	18	
D73387 (456611)	<0.5	6.76	<1	39	<0.5	<1	6.68	<0.5	<1	42.1	70.5	67.5	10.3	23	
D73388 (456612)	<0.5	6.90	<1	26	<0.5	<1	7.82	<0.5	<1	39.9	132	90.3	8.61	19	
D73389 (456613)	<0.5	7.55	<1	30	<0.5	<1	8.26	<0.5	<1	41.8	242	91.7	7.72	16	
D73390 (456614)	<0.5	7.39	<1	42	<0.5	<1	8.55	<0.5	<1	44.8	272	95.2	8.88	19	
D73391 (456615)	<0.5	7.46	<1	51	<0.5	<1	8.28	<0.5	<1	46.8	308	87.9	8.75	17	
D73392 (456616)	<0.5	0.07	2	11	<0.5	<1	30.9	<0.5	<1	1.0	3.3	<0.5	0.10	<5	
D73393 (456617)	<0.5	7.58	<1	66	<0.5	<1	7.62	<0.5	<1	46.4	266	62.2	9.04	19	
D73394 (456618)	<0.5	7.50	<1	45	<0.5	<1	7.85	<0.5	<1	46.7	296	77.6	8.62	19	
D73395 (456619)	<0.5	6.33	<1	124	0.7	<1	4.65	<0.5	17	17.1	88.1	24.1	11.8	27	
D73396 (456620)	<0.5	6.30	<1	220	0.7	<1	4.27	<0.5	15	18.4	61.3	29.2	11.1	27	
D73397 (456621)	<0.5	6.31	<1	225	0.8	<1	4.32	<0.5	16	17.5	41.6	22.0	11.4	26	
D73398 (456622)	<0.5	6.20	<1	218	0.8	<1	4.33	<0.5	17	16.9	35.1	25.8	11.2	26	
D73399 (456623)	<0.5	7.62	<1	128	<0.5	<1	8.15	<0.5	3	42.6	138	75.4	8.80	25	
D73400 (456624)	<0.5	7.53	<1	179	<0.5	<1	9.60	<0.5	4	39.0	161	72.7	8.71	22	
D73401 (456625)	<0.5	6.15	<1	162	<0.5	<1	4.82	<0.5	21	19.1	25.1	53.1	11.8	27	
D73402 (456626)	<0.5	7.20	<1	140	<0.5	<1	7.99	<0.5	3	41.8	84.5	95.2	9.39	22	
D73403 (456627)	<0.5	7.33	<1	182	0.8	<1	10.0	<0.5	3	41.9	155	93.9	9.14	22	
D73404 (456628)	<0.5	7.69	<1	189	1.1	<1	6.16	0.7	<1	47.6	98.9	103	8.44	21	
D73405 (456629)	<0.5	7.12	<1	193	1.0	<1	6.36	<0.5	<1	48.0	42.1	91.9	9.30	22	
D73406 (456630)	<0.5	7.19	<1	141	<0.5	<1	6.67	<0.5	<1	40.5	157	154	7.77	18	
D73407 (456631)	<0.5	7.12	<1	215	0.6	<1	7.30	<0.5	<1	48.1	59.4	85.3	9.87	22	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B507528

PROJECT: AGAT00748

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019	DATE RECEIVED: Aug 20, 2019							DATE REPORTED: Sep 20, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D73408 (456632)	<0.5	6.80	<1	136	0.6	<1	6.80	<0.5	<1	43.2	63.3	119	10.0	23	
D73409 (456633)	<0.5	8.30	<1	90	<0.5	<1	7.47	<0.5	<1	47.1	193	119	7.68	18	
D73410 (456634)	<0.5	8.06	<1	36	<0.5	<1	7.43	<0.5	<1	47.1	185	104	8.48	18	
D73411 (456635)	<0.5	8.14	<1	66	<0.5	<1	6.88	<0.5	<1	43.9	207	153	7.67	18	
D73412 (456636)	<0.5	0.08	<1	17	<0.5	<1	31.7	<0.5	<1	0.6	3.1	<0.5	0.09	<5	
D73413 (456637)	<0.5	7.75	<1	128	<0.5	<1	7.10	<0.5	<1	49.8	259	109	8.60	19	
D73414 (456638)	<0.5	7.38	<1	51	<0.5	<1	6.99	<0.5	<1	45.0	273	81.6	8.59	18	
D73415 (456639)	<0.5	7.45	<1	72	<0.5	<1	7.49	<0.5	<1	43.5	279	58.2	8.67	18	
D73416 (456640)	<0.5	6.47	<1	237	0.7	<1	4.37	<0.5	17	18.9	102	30.7	12.4	27	
D73417 (456641)	<0.5	6.62	<1	68	<0.5	<1	5.79	<0.5	<1	39.6	132	77.5	8.94	20	
D73418 (456642)	<0.5	6.60	<1	67	<0.5	<1	5.83	<0.5	<1	38.1	115	80.1	9.05	20	
D73419 (456643)	<0.5	0.63	<1	10	<0.5	<1	0.68	<0.5	<1	5.4	180	14.2	1.19	<5	
D73420 (456644)	<0.5	7.32	<1	84	<0.5	<1	7.02	<0.5	<1	45.8	268	100	8.23	19	
D73421 (456645)	<0.5	7.59	<1	143	<0.5	<1	6.64	<0.5	<1	45.9	287	75.0	7.99	19	
D73422 (456646)	<0.5	6.60	<1	185	0.7	<1	3.89	<0.5	17	17.4	71.8	45.7	12.0	27	
D73423 (456647)	<0.5	6.23	<1	311	0.9	<1	4.04	<0.5	23	17.4	99.0	20.5	12.3	26	
D73424 (456648)	<0.5	3.30	<1	1830	4.5	<1	8.32	<0.5	178	52.5	443	82.0	8.75	18	
D73425 (456649)	<0.5	6.51	<1	184	1.5	<1	4.07	<0.5	17	17.6	76.0	23.7	11.9	27	
D73426 (456650)	<0.5	7.44	<1	186	0.7	<1	6.24	<0.5	9	38.3	175	106	7.48	18	
D73427 (456651)	<0.5	7.51	<1	180	1.7	<1	6.72	<0.5	12	41.5	173	158	9.31	21	
D73428 (456652)	<0.5	6.36	12	146	0.7	<1	4.91	1.1	9	39.1	42.9	91.7	11.4	25	
D73429 (456653)	<0.5	6.94	<1	227	0.7	<1	4.18	<0.5	15	23.1	93.5	76.1	12.1	27	
D73430 (456654)	<0.5	6.85	<1	163	0.8	<1	5.89	<0.5	2	37.2	33.5	86.1	9.74	22	
D73431 (456655)	<0.5	7.08	<1	273	0.7	<1	5.26	<0.5	<1	40.9	53.8	78.7	9.78	24	
D73432 (456656)	<0.5	0.09	1	13	<0.5	<1	30.8	<0.5	<1	0.5	2.5	<0.5	0.12	<5	
D73433 (456657)	<0.5	6.84	<1	219	1.0	<1	5.33	<0.5	<1	38.6	42.7	68.6	10.1	22	
D73434 (456658)	<0.5	6.85	<1	361	1.7	<1	5.33	<0.5	<1	38.2	62.2	98.4	10.3	22	
D73435 (456659)	<0.5	7.10	<1	234	0.8	<1	6.35	<0.5	<1	37.2	56.3	85.5	8.79	19	
D73436 (456660)	<0.5	7.42	<1	190	0.5	<1	6.44	<0.5	<1	39.5	64.8	95.6	9.48	20	
D73437 (456661)	<0.5	7.54	<1	221	0.5	<1	5.64	<0.5	<1	40.2	80.5	140	9.70	21	
D73438 (456662)	<0.5	7.56	<1	224	0.5	<1	5.61	<0.5	<1	39.9	90.1	146	9.65	21	
D73439 (456663)	<0.5	7.79	<1	204	<0.5	<1	5.69	<0.5	<1	44.0	108	34.8	9.10	21	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B507528

PROJECT: AGAT00748

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D73440 (456664)		2.0	7.51	<1	408	0.9	<1	2.09	<0.5	40	16.0	165	126	4.22	18
D73441 (456665)		1.1	7.71	1	633	0.7	<1	0.85	<0.5	33	5.7	43.3	72.6	1.91	18
D73442 (456666)		4.0	6.96	4	814	0.6	<1	0.87	1.1	42	4.8	103	160	3.12	16
D73443 (456667)		10.5	5.69	30	331	1.2	<1	2.15	6.8	33	11.3	144	698	7.55	18
D73444 (456668)		<0.5	3.34	<1	1220	2.9	<1	8.93	<0.5	192	52.6	566	95.8	8.64	17
D73445 (456669)		0.7	7.03	<1	356	1.0	<1	2.65	0.6	32	6.9	62.3	16.4	2.02	15
D73446 (456670)		<0.5	7.43	<1	141	<0.5	<1	6.62	<0.5	<1	40.5	163	156	7.73	17
D73447 (456671)		<0.5	7.95	<1	209	1.0	<1	2.99	0.7	40	8.2	86.3	13.2	2.33	15

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019	DATE RECEIVED: Aug 20, 2019					DATE REPORTED: Sep 20, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D73376 (456600)	<1	0.42	3	24	3.88	1560	4.7	2.22	67.7	311	<20	<50	0.09	<1	
D73377 (456601)	<1	0.27	2	24	4.32	1460	2.4	2.47	66.5	312	<20	<50	0.02	<1	
D73378 (456602)	<1	0.27	2	24	4.32	1440	2.5	2.42	67.2	322	<20	<50	0.02	<1	
D73379 (456603)	<1	0.29	3	23	4.22	1360	3.1	2.52	65.9	363	<20	<50	0.02	<1	
D73380 (456604)	<1	0.26	2	23	3.96	1520	2.2	2.72	59.7	328	<20	<50	0.03	<1	
D73381 (456605)	<1	0.26	2	22	3.91	1660	2.8	2.55	60.9	308	<20	<50	0.11	<1	
D73382 (456606)	<1	0.20	2	24	4.25	1660	2.6	2.15	82.2	328	<20	<50	0.10	<1	
D73383 (456607)	<1	0.16	<2	24	4.24	1710	3.1	1.79	115	274	<20	<50	0.10	<1	
D73384 (456608)	<1	0.24	<2	31	3.94	1900	2.8	1.70	121	262	<20	<50	0.14	<1	
D73385 (456609)	<1	0.11	<2	27	4.84	1400	2.5	2.25	111	297	<20	<50	0.09	<1	
D73386 (456610)	<1	0.43	9	10	4.54	1310	1.8	2.38	105	848	<20	<50	0.09	<1	
D73387 (456611)	<1	0.21	4	22	3.70	1490	2.2	1.70	45.6	540	<20	<50	0.07	<1	
D73388 (456612)	<1	0.19	3	21	3.94	1360	3.3	1.54	63.6	400	<20	<50	0.09	<1	
D73389 (456613)	<1	0.15	<2	28	4.91	1330	2.5	1.71	134	296	<20	<50	0.08	<1	
D73390 (456614)	<1	0.15	2	22	4.57	1580	2.5	1.39	150	389	<20	<50	0.10	<1	
D73391 (456615)	<1	0.13	<2	24	4.56	1550	2.2	1.43	157	367	<20	<50	0.10	<1	
D73392 (456616)	<1	0.01	2	1	3.37	121	<0.5	0.04	1.0	73	<20	<50	0.03	<1	
D73393 (456617)	<1	0.16	2	16	3.96	1580	1.9	2.06	146	485	<20	<50	0.09	<1	
D73394 (456618)	<1	0.15	<2	19	4.17	1480	3.2	1.41	155	373	<20	<50	0.10	<1	
D73395 (456619)	<1	0.31	10	20	1.38	2190	7.3	1.70	5.9	2730	<20	<50	0.11	<1	
D73396 (456620)	<1	0.72	10	24	1.32	2200	5.1	1.64	5.2	3000	<20	<50	0.10	<1	
D73397 (456621)	<1	0.63	10	26	1.25	2290	5.4	1.70	5.5	2730	<20	<50	0.13	<1	
D73398 (456622)	<1	0.71	10	23	1.31	2210	4.4	1.68	4.7	2830	<20	<50	0.10	<1	
D73399 (456623)	<1	0.59	4	10	2.74	1560	1.7	2.10	91.4	303	<20	<50	0.08	<1	
D73400 (456624)	<1	0.64	4	13	2.55	1690	2.2	1.98	90.0	272	<20	<50	0.06	<1	
D73401 (456625)	<1	0.50	10	24	1.27	2170	2.8	1.31	34.2	2690	<20	<50	0.10	<1	
D73402 (456626)	<1	0.39	4	14	2.59	1680	2.0	1.95	76.2	308	<20	<50	0.10	<1	
D73403 (456627)	<1	0.79	4	15	2.77	1810	1.3	1.63	96.4	218	<20	<50	0.09	<1	
D73404 (456628)	<1	0.94	5	23	2.16	1650	2.8	2.13	80.6	466	<20	<50	0.30	<1	
D73405 (456629)	<1	0.49	5	22	2.30	2110	2.4	1.93	58.0	588	<20	<50	0.18	<1	
D73406 (456630)	<1	0.20	3	13	4.51	1360	1.5	2.38	84.8	399	<20	<50	0.15	<1	
D73407 (456631)	<1	0.45	5	13	2.20	2340	2.9	1.79	53.8	496	<20	<50	0.13	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019	DATE RECEIVED: Aug 20, 2019					DATE REPORTED: Sep 20, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D73408 (456632)	<1	0.36	4	19	2.48	2210	4.7	1.78	45.1	560	<20	<50	0.16	<1	
D73409 (456633)	<1	0.31	2	26	3.05	1670	4.3	1.96	102	314	<20	<50	0.11	<1	
D73410 (456634)	<1	0.11	3	25	3.57	1890	3.2	1.51	104	291	<20	<50	0.09	<1	
D73411 (456635)	<1	0.32	2	26	4.73	1290	2.4	1.89	116	259	<20	<50	0.08	<1	
D73412 (456636)	<1	0.02	<2	<1	2.28	112	<0.5	0.04	0.8	91	<20	<50	0.04	<1	
D73413 (456637)	<1	0.52	2	29	4.67	1510	3.7	1.42	185	326	<20	<50	0.12	<1	
D73414 (456638)	<1	0.14	<2	21	4.28	1580	2.9	1.45	153	354	<20	<50	0.10	<1	
D73415 (456639)	<1	0.17	2	18	3.88	1600	3.9	1.53	146	415	<20	<50	0.10	<1	
D73416 (456640)	<1	0.44	10	21	1.28	2430	8.8	1.04	22.0	2710	<20	<50	0.14	<1	
D73417 (456641)	<1	0.23	2	19	4.15	1430	3.3	2.25	74.9	456	<20	<50	0.10	<1	
D73418 (456642)	<1	0.22	2	19	4.08	1460	2.7	2.25	70.6	452	<20	<50	0.12	<1	
D73419 (456643)	<1	0.01	<2	3	0.38	201	29.7	0.23	13.8	65	<20	<50	0.02	<1	
D73420 (456644)	<1	0.18	<2	17	3.68	1480	1.8	2.03	145	395	<20	<50	0.16	<1	
D73421 (456645)	<1	0.67	<2	15	3.69	1430	4.2	1.85	142	387	<20	<50	0.12	<1	
D73422 (456646)	<1	0.48	10	11	1.10	2310	7.0	1.69	10.6	2600	<20	<50	0.22	<1	
D73423 (456647)	<1	0.57	14	16	1.40	2260	9.1	2.14	18.4	2620	<20	<50	0.13	<1	
D73424 (456648)	<1	2.07	100	41	9.00	1650	3.9	0.88	322	2980	<20	<50	0.16	<1	
D73425 (456649)	<1	0.46	10	13	1.30	2200	7.2	2.24	10.1	2820	<20	<50	0.13	<1	
D73426 (456650)	<1	0.43	9	11	4.48	1300	1.6	2.41	104	796	<20	<50	0.09	<1	
D73427 (456651)	<1	0.74	10	13	3.56	1610	3.2	2.31	57.1	635	<20	<50	0.10	<1	
D73428 (456652)	<1	0.46	7	7	1.86	2100	5.1	2.07	22.1	1780	<20	<50	0.36	<1	
D73429 (456653)	<1	0.46	10	8	1.49	2520	7.5	1.52	9.3	2720	<20	<50	0.26	<1	
D73430 (456654)	<1	0.46	5	7	2.48	1730	3.3	2.44	28.0	562	<20	<50	0.14	<1	
D73431 (456655)	<1	0.40	5	10	2.37	1520	4.4	2.31	27.9	547	<20	<50	0.12	<1	
D73432 (456656)	<1	0.01	2	2	2.68	112	<0.5	0.05	<0.5	72	<20	<50	0.04	<1	
D73433 (456657)	<1	0.41	5	9	2.57	1620	3.2	2.24	30.6	450	<20	<50	0.10	<1	
D73434 (456658)	<1	0.81	5	10	2.29	1830	5.5	2.23	28.7	443	<20	<50	0.21	<1	
D73435 (456659)	<1	0.74	4	15	3.15	1520	1.8	2.10	51.1	378	<20	<50	0.10	<1	
D73436 (456660)	<1	0.50	4	15	3.74	1600	2.7	1.80	53.6	378	<20	<50	0.11	<1	
D73437 (456661)	<1	0.47	4	17	3.54	1730	3.9	1.80	53.2	391	<20	<50	0.19	<1	
D73438 (456662)	<1	0.47	4	17	3.49	1720	5.0	1.77	53.2	381	<20	<50	0.22	<1	
D73439 (456663)	<1	0.69	4	16	3.10	1480	3.2	1.19	74.2	390	<20	<50	0.08	<1	

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## Certificate of Analysis

AGAT WORK ORDER: 19B507528

PROJECT: AGAT00748

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019	DATE RECEIVED: Aug 20, 2019					DATE REPORTED: Sep 20, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D73440 (456664)	<1	1.38	20	24	1.17	667	10.6	1.86	39.9	546	28	<50	1.32	<1	
D73441 (456665)	<1	2.19	17	27	0.65	306	4.9	1.53	5.4	341	47	<50	0.70	<1	
D73442 (456666)	<1	3.08	21	17	0.88	429	10.6	1.67	7.3	225	186	<50	1.92	<1	
D73443 (456667)	<1	1.69	19	20	1.01	580	10.8	2.16	14.1	361	169	<50	6.42	<1	
D73444 (456668)	<1	2.01	108	23	10.0	1590	5.1	0.87	307	3110	<20	<50	0.19	<1	
D73445 (456669)	<1	2.58	18	18	1.21	694	6.1	1.57	14.0	491	139	<50	0.19	<1	
D73446 (456670)	<1	0.21	3	13	4.63	1380	1.5	2.40	85.2	398	<20	<50	0.15	<1	
D73447 (456671)	<1	2.11	22	23	1.43	819	11.2	1.50	15.6	456	100	<50	0.22	<1	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D73376 (456600)	47	<10	<5	99	<10	<10	<5	0.68	<5	<50	345	3	21	84.1
D73377 (456601)	51	<10	<5	98	<10	<10	<5	0.81	<5	<50	393	1	24	73.0
D73378 (456602)	52	<10	<5	95	<10	<10	<5	0.80	<5	<50	395	2	24	71.5
D73379 (456603)	52	<10	<5	96	<10	<10	<5	0.82	<5	<50	404	1	24	77.1
D73380 (456604)	53	<10	<5	85	<10	<10	<5	0.82	<5	<50	400	2	24	84.8
D73381 (456605)	54	<10	<5	103	<10	<10	<5	0.83	<5	<50	405	2	24	101
D73382 (456606)	52	<10	<5	84	<10	<10	<5	0.82	<5	<50	394	3	22	98.9
D73383 (456607)	45	<10	<5	73	<10	<10	<5	0.66	<5	<50	315	4	20	101
D73384 (456608)	45	<10	<5	77	<10	<10	<5	0.64	<5	<50	296	4	21	86.2
D73385 (456609)	46	<10	<5	90	<10	<10	<5	0.65	<5	<50	309	1	20	82.3
D73386 (456610)	35	<10	<5	236	<10	<10	<5	0.86	<5	<50	247	2	22	92.3
D73387 (456611)	50	<10	<5	79	<10	<10	<5	1.01	<5	<50	415	2	35	92.1
D73388 (456612)	47	<10	<5	91	<10	<10	<5	0.79	<5	<50	342	4	27	80.0
D73389 (456613)	39	<10	<5	75	<10	<10	<5	0.65	<5	<50	265	3	17	80.4
D73390 (456614)	41	<10	<5	86	<10	<10	<5	0.83	<5	<50	292	4	19	92.6
D73391 (456615)	42	<10	<5	85	<10	<10	<5	0.80	<5	<50	312	2	18	93.4
D73392 (456616)	<1	<10	<5	60	<10	<10	<5	<0.01	<5	<50	5.6	<1	2	3.4
D73393 (456617)	42	<10	<5	109	<10	<10	<5	0.86	<5	<50	294	3	21	105
D73394 (456618)	42	<10	<5	92	<10	<10	<5	0.83	<5	<50	302	1	19	90.8
D73395 (456619)	34	<10	<5	167	<10	<10	<5	0.98	<5	<50	18.2	4	73	184
D73396 (456620)	33	<10	<5	109	<10	<10	<5	0.91	<5	<50	18.0	4	73	170
D73397 (456621)	34	<10	<5	162	<10	<10	<5	0.91	<5	<50	17.0	5	73	176
D73398 (456622)	32	<10	<5	110	<10	<10	<5	0.92	<5	<50	17.2	3	71	172
D73399 (456623)	46	<10	<5	91	<10	<10	<5	0.70	<5	<50	343	<1	22	95.2
D73400 (456624)	42	<10	<5	94	<10	<10	<5	0.65	<5	<50	316	<1	21	88.7
D73401 (456625)	32	<10	<5	142	<10	<10	<5	0.91	<5	<50	25.7	<1	66	152
D73402 (456626)	45	<10	<5	87	<10	11	<5	0.75	<5	<50	351	<1	22	92.2
D73403 (456627)	44	<10	<5	110	<10	<10	<5	0.62	<5	<50	319	<1	21	88.9
D73404 (456628)	42	<10	<5	128	<10	<10	<5	0.86	<5	<50	398	<1	32	220
D73405 (456629)	46	<10	<5	112	<10	<10	<5	1.10	<5	<50	481	3	42	158
D73406 (456630)	45	<10	<5	108	<10	<10	<5	0.70	<5	<50	307	2	22	81.6
D73407 (456631)	47	<10	<5	104	<10	<10	<5	1.11	<5	<50	487	3	43	132

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B507528

PROJECT: AGAT00748

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D73408 (456632)	47	<10	<5	105	<10	<10	<5	1.05	<5	<50	474	3	41	120
D73409 (456633)	45	<10	<5	107	<10	<10	<5	0.70	<5	<50	332	<1	22	96.5
D73410 (456634)	45	<10	<5	114	<10	<10	<5	0.68	<5	<50	331	2	22	88.6
D73411 (456635)	43	<10	<5	113	<10	<10	<5	0.55	<5	<50	288	1	18	73.7
D73412 (456636)	<1	<10	<5	64	<10	<10	<5	<0.01	<5	<50	5.2	<1	2	4.9
D73413 (456637)	40	<10	<5	98	<10	<10	<5	0.74	<5	<50	294	3	20	94.5
D73414 (456638)	41	<10	<5	125	<10	<10	<5	0.81	<5	<50	293	3	18	84.7
D73415 (456639)	41	<10	<5	134	<10	<10	<5	0.82	<5	<50	286	5	19	89.8
D73416 (456640)	34	<10	<5	120	<10	<10	<5	0.97	<5	<50	24.4	3	75	171
D73417 (456641)	42	<10	<5	93	<10	<10	<5	0.96	<5	<50	326	2	21	87.8
D73418 (456642)	41	<10	<5	93	<10	<10	<5	0.96	<5	<50	325	3	21	90.1
D73419 (456643)	4	<10	<5	13	<10	<10	<5	0.09	<5	<50	29.7	<1	2	12.1
D73420 (456644)	42	<10	<5	91	<10	<10	<5	0.81	<5	<50	302	2	19	83.0
D73421 (456645)	43	<10	<5	80	<10	<10	<5	0.79	<5	<50	291	2	17	81.1
D73422 (456646)	34	<10	<5	125	<10	<10	<5	0.93	<5	<50	22.8	2	74	173
D73423 (456647)	32	<10	<5	299	<10	<10	<5	0.97	<5	<50	32.8	3	69	182
D73424 (456648)	25	<10	<5	1060	<10	<10	<5	1.70	<5	<50	269	<1	32	95.7
D73425 (456649)	34	<10	<5	177	<10	<10	<5	0.93	<5	<50	40.8	<1	69	170
D73426 (456650)	35	<10	<5	238	<10	<10	<5	0.86	<5	<50	243	1	22	91.7
D73427 (456651)	48	<10	<5	198	<10	<10	<5	0.95	<5	<50	308	4	26	102
D73428 (456652)	37	<10	<5	159	<10	<10	<5	0.95	<5	<50	194	8	56	298
D73429 (456653)	37	<10	<5	145	<10	<10	<5	1.02	<5	<50	62.0	4	75	154
D73430 (456654)	44	<10	<5	151	<10	<10	<5	0.99	<5	<50	395	3	38	160
D73431 (456655)	48	<10	<5	158	<10	<10	<5	1.06	<5	<50	450	3	37	127
D73432 (456656)	<1	<10	<5	61	<10	<10	<5	<0.01	<5	<50	5.4	<1	3	3.4
D73433 (456657)	43	<10	<5	168	<10	<10	<5	0.91	<5	<50	377	3	36	115
D73434 (456658)	45	<10	<5	189	<10	<10	<5	0.95	<5	<50	399	2	38	116
D73435 (456659)	47	<10	<5	154	<10	<10	<5	0.76	<5	<50	339	3	29	96.9
D73436 (456660)	49	<10	<5	144	<10	<10	<5	0.81	<5	<50	356	16	28	112
D73437 (456661)	49	<10	<5	155	<10	<10	<5	0.85	<5	<50	366	3	29	103
D73438 (456662)	49	<10	<5	154	<10	<10	<5	0.84	<5	<50	365	2	29	104
D73439 (456663)	48	<10	<5	160	<10	<10	<5	0.79	<5	<50	338	1	28	102

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19B507528

PROJECT: AGAT00748

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D73440 (456664)	12	<10	<5	218	<10	<10	<5	0.28	<5	<50	92.1	3	12	148
D73441 (456665)	5	<10	<5	110	<10	<10	<5	0.18	<5	<50	31.6	3	5	59.8
D73442 (456666)	6	<10	10	95	<10	<10	<5	0.14	<5	<50	30.7	5	6	249
D73443 (456667)	7	<10	10	133	<10	<10	<5	0.15	<5	<50	39.8	15	9	1130
D73444 (456668)	26	<10	<5	1060	<10	<10	<5	2.02	<5	<50	290	3	28	101
D73445 (456669)	6	<10	<5	134	<10	<10	<5	0.22	<5	<50	40.7	3	10	159
D73446 (456670)	46	<10	<5	108	<10	<10	<5	0.70	<5	<50	307	1	23	82.2
D73447 (456671)	7	<10	<5	98	<10	<10	<5	0.25	<5	<50	45.3	2	10	219

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ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D73376 (456600)				19
D73377 (456601)				18
D73378 (456602)				18
D73379 (456603)				19
D73380 (456604)				18
D73381 (456605)				16
D73382 (456606)				16
D73383 (456607)				13
D73384 (456608)				18
D73385 (456609)				12
D73386 (456610)				78
D73387 (456611)				20
D73388 (456612)				14
D73389 (456613)				13
D73390 (456614)				14
D73391 (456615)				14
D73392 (456616)				<5
D73393 (456617)				15
D73394 (456618)				13
D73395 (456619)				14
D73396 (456620)				21
D73397 (456621)				12
D73398 (456622)				14
D73399 (456623)				18
D73400 (456624)				15
D73401 (456625)				17
D73402 (456626)				16
D73403 (456627)				16
D73404 (456628)				24
D73405 (456629)				18
D73406 (456630)				54
D73407 (456631)				21

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AGAT WORK ORDER: 19B507528

PROJECT: AGAT00748

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D73408 (456632)				21
D73409 (456633)				14
D73410 (456634)				11
D73411 (456635)				17
D73412 (456636)				<5
D73413 (456637)				13
D73414 (456638)				12
D73415 (456639)				15
D73416 (456640)				31
D73417 (456641)				13
D73418 (456642)				14
D73419 (456643)				<5
D73420 (456644)				14
D73421 (456645)				14
D73422 (456646)				15
D73423 (456647)				20
D73424 (456648)				72
D73425 (456649)				41
D73426 (456650)				85
D73427 (456651)				97
D73428 (456652)				30
D73429 (456653)				34
D73430 (456654)				20
D73431 (456655)				24
D73432 (456656)				<5
D73433 (456657)				20
D73434 (456658)				32
D73435 (456659)				15
D73436 (456660)				15
D73437 (456661)				14
D73438 (456662)				15
D73439 (456663)				14

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## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D73440 (456664)	92
D73441 (456665)	57
D73442 (456666)	98
D73443 (456667)	97
D73444 (456668)	121
D73445 (456669)	105
D73446 (456670)	56
D73447 (456671)	93

Comments: RDL - Reported Detection Limit

456600-456671 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D73376 (456600)			0.007
D73377 (456601)			0.005
D73378 (456602)			0.006
D73379 (456603)			0.049
D73380 (456604)			0.005
D73381 (456605)			0.005
D73382 (456606)			0.003
D73383 (456607)			0.003
D73384 (456608)			0.003
D73385 (456609)			0.004
D73386 (456610)			0.344
D73387 (456611)			0.005
D73388 (456612)			0.005
D73389 (456613)			0.007
D73390 (456614)			0.017
D73391 (456615)			0.003
D73392 (456616)			<0.001
D73393 (456617)			0.003
D73394 (456618)			0.003
D73395 (456619)			0.001
D73396 (456620)			0.002
D73397 (456621)			0.003
D73398 (456622)			0.002
D73399 (456623)			0.001
D73400 (456624)			0.013
D73401 (456625)			0.007
D73402 (456626)			0.004
D73403 (456627)			0.011
D73404 (456628)			0.005
D73405 (456629)			0.003
D73406 (456630)			0.529
D73407 (456631)			0.005

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B507528

PROJECT: AGAT00748

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D73408 (456632)			0.004
D73409 (456633)			0.004
D73410 (456634)			0.005
D73411 (456635)			0.006
D73412 (456636)			0.001
D73413 (456637)			0.005
D73414 (456638)			0.003
D73415 (456639)			0.003
D73416 (456640)			0.004
D73417 (456641)			0.007
D73418 (456642)			0.004
D73419 (456643)			0.001
D73420 (456644)			0.004
D73421 (456645)			0.006
D73422 (456646)			0.004
D73423 (456647)			0.003
D73424 (456648)			0.002
D73425 (456649)			0.002
D73426 (456650)			0.323
D73427 (456651)			0.003
D73428 (456652)			0.012
D73429 (456653)			0.005
D73430 (456654)			0.006
D73431 (456655)			0.005
D73432 (456656)			0.001
D73433 (456657)			0.010
D73434 (456658)			0.012
D73435 (456659)			0.010
D73436 (456660)			0.028
D73437 (456661)			0.028
D73438 (456662)			0.023
D73439 (456663)			0.008

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B507528

PROJECT: AGAT00748

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au	ppm	0.001	
D73440 (456664)				0.026
D73441 (456665)				0.041
D73442 (456666)				0.026
D73443 (456667)				0.026
D73444 (456668)				0.002
D73445 (456669)				0.009
D73446 (456670)				0.531
D73447 (456671)				0.020

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B507528

PROJECT: AGAT00748

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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FAX (905)501-0589  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D73376 (456600)		83.3
D73396 (456620)		83.9
D73416 (456640)		84.2
D73436 (456660)		85

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	456600	< 0.5	< 0.5	0.0%	456615	< 0.5	< 0.5	0.0%	456625	< 0.5	< 0.5	0.0%	456639	< 0.5	< 0.5	0.0%
Al	456600	7.51	7.54	0.4%	456615	7.46	7.49	0.4%	456625	6.15	6.10	0.8%	456639	7.45	7.49	0.5%
As	456600	< 1	< 1	0.0%	456615	< 1	< 1	0.0%	456625	< 1	< 1	0.0%	456639	< 1	< 1	0.0%
Ba	456600	106	100	5.8%	456615	51	49	4.0%	456625	162	168	3.6%	456639	72	74	2.7%
Be	456600	0.6	< 0.5		456615	< 0.5	< 0.5	0.0%	456625	< 0.5	< 0.5	0.0%	456639	< 0.5	< 0.5	0.0%
Bi	456600	< 1	< 1	0.0%	456615	< 1	< 1	0.0%	456625	< 1	< 1	0.0%	456639	< 1	< 1	0.0%
Ca	456600	6.55	6.62	1.1%	456615	8.28	8.34	0.7%	456625	4.82	4.77	1.0%	456639	7.49	7.56	0.9%
Cd	456600	< 0.5	< 0.5	0.0%	456615	< 0.5	< 0.5	0.0%	456625	< 0.5	< 0.5	0.0%	456639	< 0.5	< 0.5	0.0%
Ce	456600	< 1	< 1	0.0%	456615	< 1	< 1	0.0%	456625	21	20	4.9%	456639	< 1	< 1	0.0%
Co	456600	43.3	43.5	0.5%	456615	46.8	47.6	1.7%	456625	19.1	20.1	5.1%	456639	43.5	43.7	0.5%
Cr	456600	108	93.6	14.3%	456615	308	290	6.0%	456625	25.1	29.7	16.8%	456639	279	274	1.8%
Cu	456600	111	120	7.8%	456615	87.9	84.9	3.5%	456625	53.1	53.8	1.3%	456639	58.2	60.0	3.0%
Fe	456600	8.64	8.70	0.7%	456615	8.75	8.72	0.3%	456625	11.8	11.8	0.0%	456639	8.67	8.76	1.0%
Ga	456600	18	19	5.4%	456615	17	19	11.1%	456625	27	28	3.6%	456639	18	19	5.4%
In	456600	< 1	< 1	0.0%	456615	< 1	< 1	0.0%	456625	< 1	< 1	0.0%	456639	< 1	< 1	0.0%
K	456600	0.415	0.401	3.4%	456615	0.13	0.13	0.0%	456625	0.50	0.50	0.0%	456639	0.17	0.17	0.0%
La	456600	3	3	0.0%	456615	< 2	< 2	0.0%	456625	10	10	0.0%	456639	2	2	0.0%
Li	456600	24	24	0.0%	456615	24	25	4.1%	456625	24	25	4.1%	456639	18	18	0.0%
Mg	456600	3.88	3.88	0.0%	456615	4.56	4.55	0.2%	456625	1.27	1.25	1.6%	456639	3.88	3.92	1.0%
Mn	456600	1560	1610	3.2%	456615	1550	1550	0.0%	456625	2170	2120	2.3%	456639	1600	1610	0.6%
Mo	456600	4.7	3.8	21.2%	456615	2.2	2.2	0.0%	456625	2.82	3.39	18.4%	456639	3.94	4.17	5.7%
Na	456600	2.22	2.22	0.0%	456615	1.43	1.43	0.0%	456625	1.31	1.34	2.3%	456639	1.53	1.55	1.3%
Ni	456600	67.7	67.3	0.6%	456615	157	158	0.6%	456625	34.2	27.0	23.5%	456639	146	145	0.7%
P	456600	311	329	5.6%	456615	367	396	7.6%	456625	2690	2810	4.4%	456639	415	417	0.5%
Pb	456600	< 20	< 20	0.0%	456615	< 20	< 20	0.0%	456625	< 20	< 20	0.0%	456639	< 20	< 20	0.0%
Rb	456600	< 50	< 50	0.0%	456615	< 50	< 50	0.0%	456625	< 50	< 50	0.0%	456639	< 50	< 50	0.0%
S	456600	0.087	0.083	4.7%	456615	0.102	0.093	9.2%	456625	0.103	0.110	6.6%	456639	0.10	0.10	0.0%
Sb	456600	< 1	< 1	0.0%	456615	< 1	< 1	0.0%	456625	< 1	< 1	0.0%	456639	< 1	< 1	0.0%
Sc	456600	47	47	0.0%	456615	42	42	0.0%	456625	32	33	3.1%	456639	41	41	0.0%
Se	456600	< 10	< 10	0.0%	456615	< 10	< 10	0.0%	456625	< 10	< 10	0.0%	456639	< 10	< 10	0.0%
Sn	456600	< 5	< 5	0.0%	456615	< 5	< 5	0.0%	456625	< 5	< 5	0.0%	456639	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	456600	99	97	2.0%	456615	85	86	1.2%	456625	142	146	2.8%	456639	134	136	1.5%
Ta	456600	< 10	< 10	0.0%	456615	< 10	< 10	0.0%	456625	< 10	< 10	0.0%	456639	< 10	< 10	0.0%
Te	456600	< 10	< 10	0.0%	456615	< 10	< 10	0.0%	456625	< 10	< 10	0.0%	456639	< 10	< 10	0.0%
Th	456600	< 5	< 5	0.0%	456615	< 5	< 5	0.0%	456625	< 5	< 5	0.0%	456639	< 5	< 5	0.0%
Ti	456600	0.683	0.693	1.5%	456615	0.80	0.80	0.0%	456625	0.91	0.93	2.2%	456639	0.825	0.830	0.6%
Tl	456600	< 5	< 5	0.0%	456615	< 5	< 5	0.0%	456625	< 5	< 5	0.0%	456639	< 5	< 5	0.0%
U	456600	< 50	< 50	0.0%	456615	< 50	< 50	0.0%	456625	< 50	< 50	0.0%	456639	< 50	< 50	0.0%
V	456600	345	341	1.2%	456615	312	312	0.0%	456625	25.7	25.9	0.8%	456639	286	288	0.7%
W	456600	3	4	28.6%	456615	2	2	0.0%	456625	< 1	< 1	0.0%	456639	5	4	22.2%
Y	456600	21	21	0.0%	456615	18	18	0.0%	456625	66	68	3.0%	456639	19	19	0.0%
Zn	456600	84.1	84.7	0.7%	456615	93.4	89.2	4.6%	456625	152	156	2.6%	456639	89.8	93.3	3.8%
Zr	456600	19	20	5.1%	456615	14	14	0.0%	456625	17	22	25.6%	456639	15	14	6.9%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	456651	< 0.5	< 0.5	0.0%	456665	1.1	1.2	8.7%								
Al	456651	7.51	7.54	0.4%	456665	7.71	7.77	0.8%								
As	456651	< 1	< 1	0.0%	456665	1	2									
Ba	456651	180	179	0.6%	456665	633	629	0.6%								
Be	456651	1.7	1.7	0.0%	456665	0.7	0.7	0.0%								
Bi	456651	< 1	< 1	0.0%	456665	< 1	< 1	0.0%								
Ca	456651	6.72	6.75	0.4%	456665	0.853	0.883	3.5%								
Cd	456651	< 0.5	< 0.5	0.0%	456665	< 0.5	< 0.5	0.0%								
Ce	456651	12	12	0.0%	456665	33	29	12.9%								
Co	456651	41.5	43.5	4.7%	456665	5.7	5.7	0.0%								
Cr	456651	173	157	9.7%	456665	43.3	40.7	6.2%								
Cu	456651	158	158	0.0%	456665	72.6	69.3	4.7%								
Fe	456651	9.31	9.39	0.9%	456665	1.91	1.92	0.5%								
Ga	456651	21	22	4.7%	456665	18	18	0.0%								
In	456651	< 1	< 1	0.0%	456665	< 1	< 1	0.0%								
K	456651	0.74	0.74	0.0%	456665	2.19	2.19	0.0%								
La	456651	10	11	9.5%	456665	17	15	12.5%								
Li	456651	13	14	7.4%	456665	27	27	0.0%								
Mg	456651	3.56	3.61	1.4%	456665	0.652	0.656	0.6%								
Mn	456651	1610	1610	0.0%	456665	306	303	1.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	456651	3.2	3.0	6.5%	456665	4.9	4.8	2.1%								
Na	456651	2.31	2.34	1.3%	456665	1.53	1.54	0.7%								
Ni	456651	57.1	58.9	3.1%	456665	5.4	5.8	7.1%								
P	456651	635	654	2.9%	456665	341	335	1.8%								
Pb	456651	< 20	< 20	0.0%	456665	47	49	4.2%								
Rb	456651	< 50	< 50	0.0%	456665	< 50	< 50	0.0%								
S	456651	0.10	0.10	0.0%	456665	0.697	0.715	2.5%								
Sb	456651	< 1	< 1	0.0%	456665	< 1	< 1	0.0%								
Sc	456651	48	48	0.0%	456665	5	5	0.0%								
Se	456651	< 10	< 10	0.0%	456665	< 10	< 10	0.0%								
Sn	456651	< 5	< 5	0.0%	456665	< 5	< 5	0.0%								
Sr	456651	198	197	0.5%	456665	110	111	0.9%								
Ta	456651	< 10	< 10	0.0%	456665	< 10	< 10	0.0%								
Te	456651	< 10	< 10	0.0%	456665	< 10	< 10	0.0%								
Th	456651	< 5	< 5	0.0%	456665	< 5	< 5	0.0%								
Ti	456651	0.952	0.978	2.7%	456665	0.18	0.18	0.0%								
Tl	456651	< 5	< 5	0.0%	456665	< 5	< 5	0.0%								
U	456651	< 50	< 50	0.0%	456665	< 50	< 50	0.0%								
V	456651	308	315	2.2%	456665	31.6	31.7	0.3%								
W	456651	4	3	28.6%	456665	3	1									
Y	456651	26	26	0.0%	456665	5	5	0.0%								
Zn	456651	102	104	1.9%	456665	59.8	61.8	3.3%								
Zr	456651	97	98	1.0%	456665	57	55	3.6%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	456600	0.007	0.005		456615	0.003	0.003	0.0%	456625	0.007	0.005	33.3%	456639	0.003	0.003	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	456651	0.003	0.004		456665	0.0411	0.0392	4.7%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.WMG-1a)				CRM #4 (ref.GSP7M)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag									3.03	3.04	100%	90% - 110%				
Al	10.95	10.76	98%	90% - 110%	8.17	8.14	100%	90% - 110%	4.75	4.91	103%	90% - 110%	10.95	10.97	100%	90% - 110%
As					26	25	98%	90% - 110%								
Ba	340	322	95%	90% - 110%	540	501	93%	90% - 110%	216	207	96%	90% - 110%	340	317	93%	90% - 110%
Be	2.6	2.8	107%	90% - 110%	4.0	3.6	91%	90% - 110%					2.6	2.7	104%	90% - 110%
Ca	5.72	5.51	96%	90% - 110%	0.907	0.897	99%	90% - 110%	10	9	93%	90% - 110%	5.72	5.4	94%	90% - 110%
Ce	122	114	94%	90% - 110%	98	92	94%	90% - 110%					122	114	93%	90% - 110%
Co									191	175	92%	90% - 110%				
Cr					60.3	62.3	103%	90% - 110%	670	619	92%	90% - 110%				
Cu					150	146	98%	90% - 110%	7120	7450	105%	90% - 110%				
Fe	4.34	3.95	91%	90% - 110%	3.77	3.57	95%	90% - 110%	12.71	11.8	93%	90% - 110%	4.34	3.96	91%	90% - 110%
Ga	35	36	102%	90% - 110%									35	35	101%	90% - 110%
K	1.37	1.44	105%	90% - 110%					0.1021	0.1083	106%	90% - 110%	1.37	1.45	106%	90% - 110%
La	58	57	99%	90% - 110%	44	43	97%	90% - 110%	8.47	8.01	95%	90% - 110%	58	56	96%	90% - 110%
Li	37	39	106%	90% - 110%	47	47	99%	90% - 110%					37	40	108%	90% - 110%
Mg	0.325	0.301	93%	90% - 110%	1.10	1.12	102%	90% - 110%	7.41	7.76	105%	90% - 110%	0.325	0.305	94%	90% - 110%
Mn					780	750	96%	90% - 110%								
Mo					14	14	102%	90% - 110%								
Na	5.267	5.568	106%	90% - 110%	1.624	1.677	103%	90% - 110%	0.112	0.12	107%	90% - 110%	5.267	5.576	106%	90% - 110%
Ni	9	7	77%	90% - 110%	32	32	100%	90% - 110%	2480	2292	92%	90% - 110%				
P					750	721	96%	90% - 110%	731	677	93%	90% - 110%				
Pb	10	9	90%	90% - 110%	31	32	103%	90% - 110%					10	9	86%	90% - 110%
Sc	1.1	1	95%	90% - 110%	12	13	106%	90% - 110%	21.33	20.76	97%	90% - 110%	1.1	1.1	98%	90% - 110%
Sr	1191	1114	94%	90% - 110%	144	140	97%	90% - 110%	39	37	95%	90% - 110%	1191	1112	93%	90% - 110%
Ti	0.172	0.172	100%	90% - 110%	0.53	0.48	91%	90% - 110%	0.419	0.43	103%	90% - 110%	0.172	0.172	100%	90% - 110%
V	8	8	96%	90% - 110%	77	82	106%	90% - 110%	158	157	99%	90% - 110%	8	8	97%	90% - 110%
W					5	5	93%	90% - 110%								
Y	119	128	107%	90% - 110%					12.67	12.84	101%	90% - 110%	119	125	105%	90% - 110%
Zn	93	93	100%	90% - 110%	130	123	94%	90% - 110%	112	112	100%	90% - 110%	93	89	96%	90% - 110%
Zr									35.7	36.9	103%	90% - 110%				

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



**AGAT** Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 19B507528

PROJECT: AGAT00748

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP5G)				CRM #4 (ref.GSP7M)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.27	4.75	90%	90% - 110%	6.87	6.77	99%	90% - 110%	0.562	0.602	107%	90% - 110%	0.725	0.775	107%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00748  
 SAMPLING SITE:

AGAT WORK ORDER: 19B507528  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MW-200-12006	BUGBEE, E;A Textbook of Fire Assay	ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00783

AGAT WORK ORDER: 19B519047

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Oct 08, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19B519047

PROJECT: AGAT00783

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 16, 2019      DATE RECEIVED: Sep 17, 2019      DATE REPORTED: Oct 08, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D70393 (535858)		1.16
D70394 (535859)		2.68
D70395 (535860)		1.82
D70396 (535861)		2.49
D70397 (535862)		4.04
D70398 (535863)		4.04
D70399 (535864)		1.56
D70400 (535865)		0.90
D70401 (535866)		2.09
D70402 (535867)		1.28
D70403 (535868)		2.42
D70404 (535869)		2.42
D70405 (535870)		2.29
D70406 (535871)		0.10
D70407 (535872)		2.54
D70408 (535873)		1.21
D70409 (535874)		1.04
D70410 (535875)		0.79
D70411 (535876)		0.95
D70412 (535877)		0.70
D70413 (535878)		2.09
D70414 (535879)		0.79
D70415 (535880)		1.19
D70416 (535881)		2.13
D70417 (535882)		0.85
D70418 (535883)		0.85
D70419 (535884)		1.16
D70420 (535885)		1.04
D70421 (535886)		2.52
D70422 (535887)		1.77
D73959 (535888)		2.05

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19B519047

PROJECT: AGAT00783

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 16, 2019      DATE RECEIVED: Sep 17, 2019      DATE REPORTED: Oct 08, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D73960 (535889)		1.86
D73961 (535890)		2.05
D73962 (535891)		1.01
D73963 (535892)		1.89
D73964 (535893)		0.74
D73965 (535894)		2.43
D73966 (535895)		0.10
D73967 (535896)		2.58
D73968 (535897)		1.45
D73969 (535898)		2.64
D73970 (535899)		0.98
D73971 (535900)		1.40
D73972 (535901)		0.66
D73973 (535902)		0.80
D73974 (535903)		2.56
D73975 (535904)		2.60
D73976 (535905)		2.72
D73977 (535906)		2.58
D73978 (535907)		2.58
D73979 (535908)		2.55
D73980 (535909)		2.63
D73981 (535910)		2.75
D73982 (535911)		2.54
D73983 (535912)		2.48
D73984 (535913)		2.72
D73985 (535914)		2.69
D73986 (535915)		0.09
D73987 (535916)		2.64
D73988 (535917)		2.67
D73989 (535918)		1.86
D73990 (535919)		0.88

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B519047

PROJECT: AGAT00783

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 16, 2019      DATE RECEIVED: Sep 17, 2019      DATE REPORTED: Oct 08, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D73991 (535920)		1.08
D73992 (535921)		0.71
D73993 (535922)		2.67
D73994 (535923)		1.11
D73995 (535924)		0.95
D73996 (535925)		0.78
D73997 (535926)		0.96
D73998 (535927)		0.96
D73999 (535928)		1.59
D74000 (535929)		2.82

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B519047

PROJECT: AGAT00783

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 16, 2019	DATE RECEIVED: Sep 17, 2019							DATE REPORTED: Oct 08, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D70393 (535858)	<0.5	3.16	<1	878	5.5	<1	8.74	<0.5	138	49.5	661	101	8.09	17	
D70394 (535859)	<0.5	7.58	16	478	3.6	<1	2.42	<0.5	43	5.9	53.5	38.6	1.86	18	
D70395 (535860)	<0.5	7.25	4	483	6.0	<1	2.93	0.9	40	17.6	42.4	132	3.54	18	
D70396 (535861)	<0.5	7.23	<1	184	4.8	<1	5.57	<0.5	13	42.3	168	162	8.24	20	
D70397 (535862)	<0.5	5.35	12	411	2.2	<1	6.74	<0.5	58	53.2	468	109	8.11	16	
D70398 (535863)	<0.5	5.39	13	395	2.1	<1	6.59	<0.5	57	54.0	443	108	7.95	16	
D70399 (535864)	<0.5	7.98	<1	274	1.1	<1	6.04	<0.5	15	49.4	232	121	7.51	19	
D70400 (535865)	<0.5	3.43	<1	939	2.8	<1	9.10	<0.5	153	48.2	519	101	7.90	16	
D70401 (535866)	<0.5	7.16	9	429	1.4	<1	5.31	<0.5	24	42.3	155	91.7	7.13	20	
D70402 (535867)	<0.5	7.40	5	972	2.1	<1	3.22	<0.5	30	7.9	41.4	41.0	2.05	17	
D70403 (535868)	<0.5	7.60	<1	441	2.4	<1	6.07	<0.5	36	39.3	121	61.3	8.25	21	
D70404 (535869)	<0.5	8.07	<1	224	0.6	<1	6.84	<0.5	24	43.0	134	93.4	9.03	21	
D70405 (535870)	<0.5	7.92	<1	274	0.8	<1	6.24	<0.5	22	41.7	139	96.6	8.52	22	
D70406 (535871)	<0.5	7.05	<1	140	0.5	<1	6.85	<0.5	9	39.2	189	150	8.11	18	
D70407 (535872)	<0.5	7.00	<1	422	1.9	<1	6.14	<0.5	43	47.6	224	72.8	8.47	20	
D70408 (535873)	<0.5	7.50	<1	970	1.2	<1	7.20	<0.5	53	43.0	179	62.9	8.96	22	
D70409 (535874)	<0.5	3.49	<1	952	2.0	<1	7.94	<0.5	110	57.4	672	109	8.86	18	
D70410 (535875)	<0.5	7.43	<1	560	0.8	<1	5.73	<0.5	42	35.4	117	70.9	8.72	22	
D70411 (535876)	<0.5	3.56	<1	897	1.9	<1	7.64	<0.5	104	55.0	682	109	8.39	18	
D70412 (535877)	<0.5	0.18	<1	27	<0.5	<1	28.4	<0.5	<1	0.7	11.6	<0.5	0.18	<5	
D70413 (535878)	<0.5	6.92	<1	446	1.0	<1	4.97	<0.5	21	33.6	98.2	69.9	7.54	19	
D70414 (535879)	<0.5	7.18	2	637	0.8	<1	4.71	0.5	12	44.0	183	231	8.64	20	
D70415 (535880)	<0.5	4.68	<1	778	1.7	<1	7.48	<0.5	92	52.9	578	91.5	8.06	16	
D70416 (535881)	<0.5	7.40	<1	953	0.9	<1	7.20	0.6	11	42.0	242	159	8.10	19	
D70417 (535882)	<0.5	2.45	<1	137	8.1	<1	8.45	<0.5	114	48.5	502	80.2	7.20	13	
D70418 (535883)	<0.5	2.45	<1	123	8.3	<1	8.61	<0.5	118	48.1	510	81.0	7.32	12	
D70419 (535884)	<0.5	5.70	<1	573	3.9	<1	6.51	<0.5	39	38.6	237	104	7.97	19	
D70420 (535885)	<0.5	2.87	<1	485	1.9	<1	6.27	<0.5	81	73.7	910	106	10.0	27	
D70421 (535886)	<0.5	7.34	1	238	1.1	<1	6.31	<0.5	18	43.6	138	63.1	9.85	19	
D70422 (535887)	<0.5	7.41	<1	208	0.6	<1	5.76	0.6	9	59.3	231	265	9.66	21	
D73959 (535888)	<0.5	6.62	9	960	1.8	<1	2.68	5.2	43	30.4	59.9	219	4.77	19	
D73960 (535889)	<0.5	6.89	9	970	5.5	<1	3.13	8.0	85	48.2	108	392	5.96	21	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B519047

PROJECT: AGAT00783

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 16, 2019	DATE RECEIVED: Sep 17, 2019							DATE REPORTED: Oct 08, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D73961 (535890)	<0.5	7.20	16	1050	6.8	<1	3.62	1.9	29	40.9	107	251	6.51	23	
D73962 (535891)	<0.5	0.48	1	102	0.5	<1	0.22	<0.5	20	2.2	91.4	10.3	0.60	<5	
D73963 (535892)	<0.5	6.52	4	269	3.0	2	0.56	<0.5	14	4.5	47.8	60.3	0.58	22	
D73964 (535893)	<0.5	1.64	6	85	0.5	<1	0.61	<0.5	71	7.9	90.2	77.6	0.94	6	
D73965 (535894)	<0.5	5.68	5	121	2.7	6	1.00	<0.5	30	3.3	49.4	21.8	0.77	17	
D73966 (535895)	<0.5	7.06	<1	141	0.5	<1	6.78	<0.5	10	40.0	185	151	8.07	18	
D73967 (535896)	<0.5	2.55	2	689	5.0	<1	8.63	<0.5	108	56.7	595	72.0	7.01	10	
D73968 (535897)	<0.5	3.14	<1	527	7.4	<1	7.40	<0.5	104	51.7	672	62.9	6.29	11	
D73969 (535898)	<0.5	7.48	<1	102	4.1	<1	1.49	<0.5	13	1.0	33.0	4.6	0.49	19	
D73970 (535899)	<0.5	7.38	6	229	6.2	<1	3.56	<0.5	39	20.3	98.4	84.1	4.00	21	
D73971 (535900)	<0.5	2.37	<1	550	5.2	<1	8.79	<0.5	113	58.4	669	86.4	7.54	13	
D73972 (535901)	<0.5	0.09	2	37	<0.5	<1	34.9	<0.5	<1	0.9	18.7	<0.5	0.20	<5	
D73973 (535902)	<0.5	7.33	7	750	5.5	<1	2.96	<0.5	42	33.8	72.4	246	4.11	19	
D73974 (535903)	<0.5	8.07	<1	674	0.8	<1	6.32	<0.5	26	39.7	137	62.1	9.07	22	
D73975 (535904)	<0.5	7.80	<1	654	0.7	<1	6.24	<0.5	25	41.6	133	95.3	9.23	21	
D73976 (535905)	<0.5	7.79	<1	884	0.6	<1	7.03	<0.5	25	40.3	117	128	9.20	21	
D73977 (535906)	<0.5	8.17	<1	911	0.6	<1	6.34	<0.5	27	41.7	116	91.8	8.52	20	
D73978 (535907)	<0.5	8.31	<1	891	0.6	<1	6.49	<0.5	29	44.2	109	98.2	8.96	21	
D73979 (535908)	<0.5	7.73	<1	552	0.6	<1	6.21	<0.5	22	41.1	109	52.9	10.3	22	
D73980 (535909)	<0.5	7.34	<1	507	0.7	<1	5.97	<0.5	20	39.5	118	110	9.30	20	
D73981 (535910)	<0.5	7.86	<1	673	0.6	<1	6.12	<0.5	25	38.6	86.3	110	8.13	19	
D73982 (535911)	<0.5	8.17	<1	460	0.8	<1	5.33	<0.5	23	42.1	88.0	59.6	7.86	20	
D73983 (535912)	<0.5	7.82	<1	330	1.1	<1	5.67	<0.5	26	40.0	87.1	66.5	7.73	19	
D73984 (535913)	<0.5	8.07	<1	283	1.1	<1	5.64	<0.5	25	42.1	103	79.7	8.49	19	
D73985 (535914)	<0.5	7.41	<1	226	1.2	<1	5.67	<0.5	26	39.7	94.4	74.2	8.89	20	
D73986 (535915)	<0.5	7.35	<1	180	0.6	<1	6.03	<0.5	22	36.8	147	101	7.63	18	
D73987 (535916)	<0.5	7.59	<1	285	0.5	<1	5.58	<0.5	26	38.6	97.1	84.6	9.23	20	
D73988 (535917)	<0.5	7.81	<1	289	1.0	<1	6.57	<0.5	39	48.0	127	73.4	11.4	20	
D73989 (535918)	<0.5	7.37	<1	466	2.1	<1	6.55	<0.5	41	42.7	116	62.4	10.7	19	
D73990 (535919)	<0.5	4.98	17	852	1.7	<1	1.73	0.6	55	8.6	68.4	75.4	2.58	12	
D73991 (535920)	<0.5	2.15	5	420	5.2	<1	6.45	<0.5	121	51.2	546	86.4	7.24	11	
D73992 (535921)	<0.5	0.08	3	24	<0.5	<1	27.8	<0.5	<1	0.9	6.3	<0.5	0.20	<5	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B519047

PROJECT: AGAT00783

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 16, 2019	DATE RECEIVED: Sep 17, 2019							DATE REPORTED: Oct 08, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D73993 (535922)	<0.5	7.02	4	796	2.8	<1	2.48	<0.5	61	8.2	69.0	59.0	1.99	15	
D73994 (535923)	<0.5	2.80	<1	566	4.7	<1	7.88	<0.5	153	46.5	614	100	7.69	12	
D73995 (535924)	<0.5	6.42	<1	690	2.5	<1	5.31	0.7	116	38.2	134	284	8.31	18	
D73996 (535925)	<0.5	3.51	127	344	5.2	<1	8.02	3.3	198	30.8	200	92.7	5.60	8	
D73997 (535926)	<0.5	7.36	<1	561	1.0	<1	3.40	0.7	28	32.8	92.7	266	7.92	20	
D73998 (535927)	<0.5	7.49	<1	563	0.9	<1	3.39	0.6	23	33.2	87.4	263	7.91	20	
D73999 (535928)	<0.5	7.72	<1	641	1.9	<1	5.10	<0.5	19	33.6	84.7	58.9	7.91	20	
D74000 (535929)	<0.5	6.04	7	258	3.2	<1	1.27	<0.5	35	4.3	34.4	9.6	1.39	14	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B519047

PROJECT: AGAT00783

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 16, 2019	DATE RECEIVED: Sep 17, 2019					DATE REPORTED: Oct 08, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D70393 (535858)	<1	2.75	70	67	8.76	1450	6.6	1.50	383	2300	<20	<50	0.22	<1	
D70394 (535859)	<1	2.20	20	65	0.65	1420	9.2	4.02	26.1	239	90	<50	0.27	<1	
D70395 (535860)	<1	2.31	19	25	1.17	498	5.5	3.14	41.6	354	<20	<50	1.02	<1	
D70396 (535861)	<1	1.19	5	14	2.59	1400	4.5	2.53	105	392	<20	<50	1.84	<1	
D70397 (535862)	<1	1.70	26	89	6.68	1570	3.1	1.54	347	914	<20	<50	0.71	<1	
D70398 (535863)	<1	1.64	25	90	6.32	1540	3.2	1.52	333	814	<20	<50	0.72	<1	
D70399 (535864)	<1	1.23	6	14	2.45	1680	4.1	2.20	125	503	<20	<50	0.51	<1	
D70400 (535865)	<1	2.42	76	53	7.85	1420	4.8	1.33	326	2710	<20	<50	0.41	<1	
D70401 (535866)	<1	2.18	10	29	3.12	1190	3.8	2.22	130	741	<20	<50	0.68	1	
D70402 (535867)	<1	2.35	16	17	0.93	385	5.8	3.09	15.9	609	<20	<50	0.20	<1	
D70403 (535868)	<1	1.45	14	16	2.25	1700	4.0	2.24	94.0	899	<20	<50	0.16	<1	
D70404 (535869)	<1	0.57	9	13	2.47	1910	4.4	2.13	109	583	<20	<50	0.16	<1	
D70405 (535870)	<1	0.33	9	19	2.68	1690	4.0	2.43	102	609	<20	<50	0.13	<1	
D70406 (535871)	<1	0.20	3	12	4.41	1350	1.7	2.27	85.3	429	<20	<50	0.15	<1	
D70407 (535872)	<1	0.98	19	30	3.77	1480	3.6	2.39	176	1110	<20	<50	0.12	<1	
D70408 (535873)	<1	1.66	23	21	2.84	1960	3.6	1.83	126	861	<20	<50	0.13	<1	
D70409 (535874)	<1	2.13	56	19	10.0	1350	5.3	0.57	480	2550	<20	<50	0.17	<1	
D70410 (535875)	<1	0.98	18	11	2.94	1330	3.3	2.30	79.0	961	<20	<50	0.24	<1	
D70411 (535876)	<1	2.52	53	18	9.60	1270	3.7	0.93	444	2180	<20	<50	0.16	<1	
D70412 (535877)	<1	0.05	<2	2	1.94	114	1.7	0.09	2.0	89	<20	<50	0.02	<1	
D70413 (535878)	<1	1.30	9	20	2.52	1410	3.7	1.95	94.6	405	61	<50	0.27	<1	
D70414 (535879)	<1	2.60	5	19	2.50	1040	5.9	2.41	95.3	285	24	<50	2.82	<1	
D70415 (535880)	<1	1.33	44	12	8.09	1440	6.0	0.96	367	1850	<20	<50	0.39	<1	
D70416 (535881)	<1	1.12	4	17	2.82	1370	7.7	2.22	106	379	<20	<50	1.82	<1	
D70417 (535882)	<1	1.60	59	101	7.18	1350	9.4	1.50	390	2310	<20	<50	0.57	<1	
D70418 (535883)	<1	1.65	62	101	7.35	1370	9.5	1.57	391	2140	<20	<50	0.58	<1	
D70419 (535884)	<1	3.22	17	21	3.81	1290	7.3	1.87	152	870	<20	<50	0.78	<1	
D70420 (535885)	<1	1.87	33	28	11.6	1440	4.1	0.82	645	1590	<20	249	0.18	<1	
D70421 (535886)	<1	1.36	7	28	3.00	2050	4.8	1.99	124	469	21	<50	0.28	<1	
D70422 (535887)	<1	0.62	3	13	2.54	1300	6.6	2.12	136	313	<20	<50	2.56	<1	
D73959 (535888)	<1	3.49	19	15	1.33	512	8.2	1.95	72.5	645	33	<50	1.63	<1	
D73960 (535889)	<1	2.53	35	42	1.90	683	10.9	2.05	127	506	94	<50	2.10	<1	

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19B519047

PROJECT: AGAT00783

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 16, 2019

DATE RECEIVED: Sep 17, 2019

DATE REPORTED: Oct 08, 2019

SAMPLE TYPE: Drill Core

Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D73961 (535890)	<1	2.80	12	40	2.14	1030	12.5	2.11	114	569	21	<50	1.44	<1
D73962 (535891)	<1	0.17	8	2	0.09	72	11.8	0.23	8.2	23	<20	<50	0.07	<1
D73963 (535892)	<1	3.32	6	1	0.07	73	10.0	3.13	8.2	111	21	<50	0.14	<1
D73964 (535893)	<1	1.48	28	<1	0.22	144	13.4	0.51	17.0	28	<20	<50	0.21	<1
D73965 (535894)	<1	1.63	12	2	0.26	141	7.9	3.41	10.7	62	515	<50	0.12	<1
D73966 (535895)	<1	0.20	3	12	4.41	1350	1.5	2.25	84.6	437	<20	<50	0.16	<1
D73967 (535896)	<1	2.27	52	194	8.62	1490	3.9	1.14	485	2000	<20	<50	0.17	<1
D73968 (535897)	<1	1.69	51	60	8.51	1240	3.5	2.50	499	1520	<20	<50	0.15	<1
D73969 (535898)	<1	0.71	5	3	0.21	114	5.9	5.13	7.6	124	<20	<50	0.03	<1
D73970 (535899)	<1	1.38	17	23	2.19	558	9.3	4.67	62.4	582	<20	<50	0.86	<1
D73971 (535900)	<1	2.31	53	32	9.43	1290	3.2	1.65	578	2310	<20	<50	0.15	<1
D73972 (535901)	<1	0.04	2	2	1.48	106	1.8	0.03	2.0	85	<20	<50	0.07	<1
D73973 (535902)	<1	1.47	19	16	1.24	361	8.6	3.83	63.0	940	<20	<50	1.62	1
D73974 (535903)	<1	0.64	10	18	2.39	1880	5.7	2.16	85.9	685	<20	<50	0.17	<1
D73975 (535904)	<1	0.27	10	15	2.23	1860	4.8	2.19	104	698	<20	<50	0.16	<1
D73976 (535905)	<1	0.29	9	16	2.64	1950	4.2	2.25	100	676	<20	<50	0.20	<1
D73977 (535906)	<1	0.34	10	18	2.41	1980	4.3	2.38	108	673	<20	<50	0.14	<1
D73978 (535907)	<1	0.34	11	19	2.53	2060	3.6	2.40	112	728	<20	<50	0.16	<1
D73979 (535908)	<1	0.41	8	22	2.94	2240	3.6	2.03	98.7	579	<20	<50	0.10	<1
D73980 (535909)	<1	0.76	8	20	3.03	2080	2.9	2.09	93.2	538	<20	<50	0.14	<1
D73981 (535910)	<1	0.50	9	12	2.32	1820	3.5	2.30	100	680	<20	<50	0.17	<1
D73982 (535911)	<1	0.65	9	22	2.06	1670	3.2	3.04	107	640	<20	<50	0.12	<1
D73983 (535912)	<1	0.82	9	18	2.03	1660	3.3	2.53	103	673	<20	<50	0.13	<1
D73984 (535913)	<1	0.98	9	19	2.24	1840	7.3	2.39	105	582	<20	<50	0.20	<1
D73985 (535914)	<1	0.48	9	22	3.03	1400	6.6	2.23	97.9	682	<20	<50	0.14	<1
D73986 (535915)	<1	0.43	9	10	4.35	1280	2.2	2.32	104	926	<20	<50	0.10	<1
D73987 (535916)	<1	0.29	10	26	3.26	1290	6.8	2.09	95.0	684	<20	<50	0.16	<1
D73988 (535917)	<1	0.48	14	18	3.76	1720	8.1	2.10	116	930	<20	<50	0.23	<1
D73989 (535918)	<1	1.39	15	27	3.35	1680	10.3	1.83	83.5	1330	<20	<50	0.29	<1
D73990 (535919)	<1	2.74	24	31	1.12	309	9.0	1.84	25.1	1480	23	<50	0.75	<1
D73991 (535920)	<1	2.44	55	53	8.56	1250	4.6	1.44	461	2300	<20	<50	0.20	<1
D73992 (535921)	<1	0.03	2	2	1.91	109	2.0	0.04	1.7	111	<20	<50	0.08	<1

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19B519047

PROJECT: AGAT00783

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 16, 2019	DATE RECEIVED: Sep 17, 2019					DATE REPORTED: Oct 08, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D73993 (535922)	<1	3.16	29	25	1.18	340	5.9	3.03	32.2	867	<20	<50	0.43	<1	
D73994 (535923)	<1	2.47	69	37	8.29	1450	4.0	1.26	430	1990	<20	<50	0.45	<1	
D73995 (535924)	<1	2.09	54	58	3.93	1440	4.1	2.61	127	1810	<20	<50	2.62	<1	
D73996 (535925)	<1	2.09	80	313	4.11	1830	2.9	1.51	217	5870	<20	<50	0.64	<1	
D73997 (535926)	<1	2.31	11	32	2.83	1100	3.5	2.92	90.7	608	<20	<50	1.90	<1	
D73998 (535927)	<1	2.30	9	25	2.76	1090	3.1	2.97	87.4	497	<20	<50	1.86	<1	
D73999 (535928)	<1	1.60	7	29	3.12	1340	3.0	2.26	94.6	507	22	<50	0.25	<1	
D74000 (535929)	<1	2.28	14	32	0.53	915	5.8	2.85	18.1	406	25	<50	0.11	<1	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 16, 2019	DATE RECEIVED: Sep 17, 2019					DATE REPORTED: Oct 08, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D70393 (535858)	31	<10	<5	962	<10	<10	<5	1.40	<5	<50	288	<1	31	79.0	
D70394 (535859)	9	<10	<5	173	<10	<10	30	0.09	<5	<50	27.0	<1	36	283	
D70395 (535860)	9	<10	<5	190	<10	<10	<5	0.21	<5	<50	48.1	<1	15	617	
D70396 (535861)	34	<10	<5	163	<10	<10	<5	0.63	<5	<50	241	<1	26	315	
D70397 (535862)	37	<10	<5	365	<10	<10	<5	1.09	<5	<50	270	<1	23	121	
D70398 (535863)	38	<10	<5	342	<10	<10	<5	1.02	<5	<50	273	<1	23	120	
D70399 (535864)	46	<10	<5	215	<10	<10	<5	0.73	<5	<50	337	<1	23	129	
D70400 (535865)	23	<10	<5	1010	<10	<10	<5	1.33	<5	<50	232	<1	28	135	
D70401 (535866)	22	<10	<5	285	<10	<10	<5	0.82	<5	<50	163	<1	20	182	
D70402 (535867)	6	<10	<5	259	<10	<10	<5	0.15	<5	<50	36.7	<1	12	77.2	
D70403 (535868)	26	<10	<5	211	<10	<10	<5	0.78	<5	<50	182	<1	25	165	
D70404 (535869)	26	<10	<5	251	<10	<10	<5	0.87	<5	<50	190	<1	23	129	
D70405 (535870)	27	<10	<5	287	<10	<10	<5	0.82	<5	<50	190	<1	24	119	
D70406 (535871)	46	<10	<5	110	<10	<10	<5	0.68	<5	<50	308	<1	23	79.4	
D70407 (535872)	25	<10	<5	367	<10	<10	<5	1.00	<5	<50	205	<1	26	114	
D70408 (535873)	30	<10	<5	302	<10	<10	<5	1.01	<5	<50	210	<1	24	152	
D70409 (535874)	23	<10	<5	759	<10	<10	<5	2.17	<5	<50	297	<1	19	82.0	
D70410 (535875)	23	<10	<5	204	<10	<10	<5	0.92	<5	<50	177	<1	23	149	
D70411 (535876)	21	<10	<5	827	<10	<10	<5	2.03	<5	<50	280	<1	20	82.6	
D70412 (535877)	<1	<10	<5	65	<10	<10	<5	0.01	<5	<50	1.9	<1	2	1.7	
D70413 (535878)	22	<10	<5	197	<10	<10	<5	0.66	<5	<50	151	<1	19	240	
D70414 (535879)	36	<10	5	197	<10	<10	<5	0.56	<5	<50	254	<1	17	426	
D70415 (535880)	31	<10	<5	544	<10	<10	<5	1.49	<5	<50	279	<1	22	126	
D70416 (535881)	43	<10	<5	229	<10	<10	<5	0.67	<5	<50	302	<1	22	387	
D70417 (535882)	33	<10	<5	865	<10	<10	8	0.76	<5	<50	253	<1	53	130	
D70418 (535883)	33	<10	<5	895	<10	<10	<5	0.79	<5	<50	262	<1	53	133	
D70419 (535884)	30	<10	<5	341	<10	<10	<5	0.80	<5	<50	223	<1	21	216	
D70420 (535885)	24	<10	<5	535	<10	<10	<5	1.75	<5	<50	261	<1	18	111	
D70421 (535886)	26	<10	<5	207	<10	<10	<5	0.76	<5	<50	190	<1	22	413	
D70422 (535887)	42	<10	<5	187	<10	<10	<5	0.62	<5	<50	314	<1	20	381	
D73959 (535888)	11	<10	<5	145	<10	<10	15	0.25	<5	<50	68.4	<1	14	1720	
D73960 (535889)	20	<10	10	179	<10	<10	103	0.45	<5	<50	110	93	22	3360	

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ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 16, 2019	DATE RECEIVED: Sep 17, 2019					DATE REPORTED: Oct 08, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D73961 (535890)	22	<10	11	182	<10	<10	<5	0.55	<5	<50	125	<1	19	892	
D73962 (535891)	<1	<10	<5	19	<10	<10	15	0.02	<5	<50	6.2	<1	2	87.5	
D73963 (535892)	1	<10	<5	57	<10	<10	11	<0.01	<5	<50	3.9	<1	5	34.3	
D73964 (535893)	2	<10	<5	41	<10	<10	31	0.01	<5	<50	10.6	<1	6	463	
D73965 (535894)	2	<10	<5	75	<10	<10	17	0.01	<5	<50	8.6	<1	6	109	
D73966 (535895)	47	<10	<5	108	<10	<10	<5	0.67	<5	<50	308	<1	23	76.7	
D73967 (535896)	25	<10	<5	888	<10	<10	<5	0.97	<5	<50	196	<1	39	48.6	
D73968 (535897)	21	<10	<5	718	<10	<10	<5	1.06	<5	<50	166	<1	36	46.0	
D73969 (535898)	3	<10	<5	131	<10	<10	9	0.03	<5	<50	8.6	<1	17	19.7	
D73970 (535899)	12	<10	<5	224	<10	<10	<5	0.36	<5	<50	75.9	<1	47	43.5	
D73971 (535900)	21	<10	<5	729	<10	<10	<5	1.54	<5	<50	233	<1	29	73.8	
D73972 (535901)	<1	<10	<5	83	<10	<10	<5	<0.01	<5	<50	1.9	<1	2	1.2	
D73973 (535902)	13	<10	<5	166	<10	<10	<5	0.31	<5	<50	72.8	<1	42	192	
D73974 (535903)	26	<10	<5	286	<10	<10	<5	0.85	<5	<50	190	<1	24	200	
D73975 (535904)	26	<10	<5	229	<10	<10	<5	0.84	<5	<50	183	<1	24	118	
D73976 (535905)	25	<10	<5	265	<10	<10	<5	0.83	<5	<50	178	<1	23	119	
D73977 (535906)	26	<10	<5	243	<10	<10	<5	0.88	<5	<50	188	<1	24	113	
D73978 (535907)	27	<10	<5	246	<10	<10	<5	0.89	<5	<50	198	<1	25	119	
D73979 (535908)	26	<10	<5	199	<10	<10	<5	0.82	<5	<50	187	<1	22	133	
D73980 (535909)	26	<10	<5	219	<10	<10	<5	0.75	<5	<50	181	<1	21	155	
D73981 (535910)	25	<10	<5	259	<10	<10	<5	0.79	<5	<50	185	<1	23	145	
D73982 (535911)	24	<10	<5	321	<10	<10	<5	0.73	<5	<50	179	<1	20	120	
D73983 (535912)	26	<10	<5	287	<10	<10	<5	0.75	<5	<50	190	<1	23	119	
D73984 (535913)	28	<10	<5	297	<10	<10	<5	0.75	<5	<50	194	<1	22	119	
D73985 (535914)	25	<10	<5	221	<10	<10	<5	0.70	<5	<50	183	<1	24	117	
D73986 (535915)	34	<10	<5	242	<10	<10	<5	0.80	<5	<50	241	<1	22	88.9	
D73987 (535916)	23	<10	<5	241	<10	<10	<5	0.77	<5	<50	176	<1	21	112	
D73988 (535917)	25	<10	<5	330	<10	<10	<5	0.82	<5	<50	202	<1	23	221	
D73989 (535918)	27	<10	<5	304	<10	<10	<5	0.87	<5	<50	201	<1	25	280	
D73990 (535919)	6	<10	<5	159	<10	<10	19	0.10	<5	<50	37.6	<1	9	532	
D73991 (535920)	22	<10	<5	721	<10	<10	<5	0.98	<5	<50	228	<1	26	83.1	
D73992 (535921)	<1	<10	<5	68	<10	<10	<5	0.01	<5	<50	2.6	11	2	3.8	

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## Certificate of Analysis

AGAT WORK ORDER: 19B519047

PROJECT: AGAT00783

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 16, 2019		DATE RECEIVED: Sep 17, 2019					DATE REPORTED: Oct 08, 2019					SAMPLE TYPE: Drill Core			
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:														
D73993 (535922)	7	<10	<5	270	<10	<10	<5	0.18	<5	<50	44.9	<1	11	95.4	
D73994 (535923)	19	<10	<5	866	<10	<10	<5	0.97	<5	<50	210	<1	30	84.5	
D73995 (535924)	20	<10	5	601	<10	<10	<5	0.79	<5	<50	159	<1	33	303	
D73996 (535925)	37	<10	<5	658	<10	<10	198	0.47	<5	<50	188	<1	551	227	
D73997 (535926)	18	<10	<5	162	<10	<10	<5	0.66	<5	<50	148	<1	33	354	
D73998 (535927)	18	<10	<5	155	<10	<10	<5	0.67	<5	<50	147	<1	21	365	
D73999 (535928)	21	<10	<5	196	<10	<10	<5	0.75	<5	<50	163	<1	21	177	
D74000 (535929)	6	<10	<5	112	<10	<10	16	0.06	<5	<50	18.3	<1	28	156	

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PROJECT: AGAT00783

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 16, 2019      DATE RECEIVED: Sep 17, 2019      DATE REPORTED: Oct 08, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D70393 (535858)				41
D70394 (535859)				124
D70395 (535860)				113
D70396 (535861)				49
D70397 (535862)				113
D70398 (535863)				106
D70399 (535864)				31
D70400 (535865)				59
D70401 (535866)				30
D70402 (535867)				155
D70403 (535868)				27
D70404 (535869)				19
D70405 (535870)				19
D70406 (535871)				54
D70407 (535872)				69
D70408 (535873)				42
D70409 (535874)				222
D70410 (535875)				29
D70411 (535876)				207
D70412 (535877)				<5
D70413 (535878)				32
D70414 (535879)				28
D70415 (535880)				171
D70416 (535881)				27
D70417 (535882)				47
D70418 (535883)				57
D70419 (535884)				86
D70420 (535885)				223
D70421 (535886)				25
D70422 (535887)				14
D73959 (535888)				89
D73960 (535889)				98

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AGAT WORK ORDER: 19B519047

PROJECT: AGAT00783

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 16, 2019      DATE RECEIVED: Sep 17, 2019      DATE REPORTED: Oct 08, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D73961 (535890)				169
D73962 (535891)				9
D73963 (535892)				15
D73964 (535893)				5
D73965 (535894)				12
D73966 (535895)				57
D73967 (535896)				152
D73968 (535897)				151
D73969 (535898)				56
D73970 (535899)				170
D73971 (535900)				207
D73972 (535901)				<5
D73973 (535902)				115
D73974 (535903)				23
D73975 (535904)				17
D73976 (535905)				17
D73977 (535906)				20
D73978 (535907)				19
D73979 (535908)				18
D73980 (535909)				16
D73981 (535910)				19
D73982 (535911)				18
D73983 (535912)				24
D73984 (535913)				22
D73985 (535914)				24
D73986 (535915)				88
D73987 (535916)				19
D73988 (535917)				23
D73989 (535918)				25
D73990 (535919)				77
D73991 (535920)				43
D73992 (535921)				<5

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AGAT WORK ORDER: 19B519047

PROJECT: AGAT00783

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 16, 2019	DATE RECEIVED: Sep 17, 2019	DATE REPORTED: Oct 08, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D73993 (535922)				124
D73994 (535923)				38
D73995 (535924)				48
D73996 (535925)				26
D73997 (535926)				22
D73998 (535927)				17
D73999 (535928)				23
D74000 (535929)				58

Comments: RDL - Reported Detection Limit  
 535858-535929 As, Sb values may be low due to digestion losses.  
 Analysis performed at AGAT Toronto (unless marked by \*)

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## Certificate of Analysis

AGAT WORK ORDER: 19B519047

PROJECT: AGAT00783

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 16, 2019      DATE RECEIVED: Sep 17, 2019      DATE REPORTED: Oct 08, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D70393 (535858)			0.016
D70394 (535859)			0.004
D70395 (535860)			0.004
D70396 (535861)			0.004
D70397 (535862)			0.006
D70398 (535863)			0.003
D70399 (535864)			0.003
D70400 (535865)			0.004
D70401 (535866)			0.007
D70402 (535867)			0.004
D70403 (535868)			0.002
D70404 (535869)			0.003
D70405 (535870)			0.002
D70406 (535871)			0.534
D70407 (535872)			0.002
D70408 (535873)			0.002
D70409 (535874)			0.003
D70410 (535875)			0.002
D70411 (535876)			0.003
D70412 (535877)			0.001
D70413 (535878)			0.003
D70414 (535879)			0.009
D70415 (535880)			0.005
D70416 (535881)			0.004
D70417 (535882)			0.002
D70418 (535883)			0.003
D70419 (535884)			0.003
D70420 (535885)			0.027
D70421 (535886)			0.006
D70422 (535887)			0.005
D73959 (535888)			0.009
D73960 (535889)			0.020

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## Certificate of Analysis

AGAT WORK ORDER: 19B519047

PROJECT: AGAT00783

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 16, 2019      DATE RECEIVED: Sep 17, 2019      DATE REPORTED: Oct 08, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D73961 (535890)		0.010	
D73962 (535891)		0.009	
D73963 (535892)		0.019	
D73964 (535893)		0.005	
D73965 (535894)		0.006	
D73966 (535895)		0.528	
D73967 (535896)		0.004	
D73968 (535897)		0.003	
D73969 (535898)		0.004	
D73970 (535899)		0.011	
D73971 (535900)		0.003	
D73972 (535901)		0.002	
D73973 (535902)		0.007	
D73974 (535903)		0.002	
D73975 (535904)		0.002	
D73976 (535905)		0.002	
D73977 (535906)		0.002	
D73978 (535907)		0.002	
D73979 (535908)		0.002	
D73980 (535909)		0.002	
D73981 (535910)		0.002	
D73982 (535911)		0.002	
D73983 (535912)		0.002	
D73984 (535913)		0.059	
D73985 (535914)		0.005	
D73986 (535915)		0.337	
D73987 (535916)		0.003	
D73988 (535917)		0.002	
D73989 (535918)		0.003	
D73990 (535919)		0.004	
D73991 (535920)		0.003	
D73992 (535921)		0.002	

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AGAT WORK ORDER: 19B519047

PROJECT: AGAT00783

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 16, 2019	DATE RECEIVED: Sep 17, 2019	DATE REPORTED: Oct 08, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D73993 (535922)			0.002
D73994 (535923)			0.003
D73995 (535924)			0.005
D73996 (535925)			0.003
D73997 (535926)			0.002
D73998 (535927)			0.002
D73999 (535928)			0.003
D74000 (535929)			0.003

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B519047

PROJECT: AGAT00783

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Sep 16, 2019	DATE RECEIVED: Sep 17, 2019	DATE REPORTED: Oct 08, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D70393 (535858)		87.77
D70411 (535876)		84.98
D70415 (535880)		79
D73971 (535900)		89
D73991 (535920)		86

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19B519047

PROJECT: AGAT00783

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Sep 16, 2019

DATE RECEIVED: Sep 17, 2019

DATE REPORTED: Oct 08, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D70393 (535858)		94.2
D70420 (535885)		95.4
D73984 (535913)		99

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	535858	< 0.5	< 0.5	0.0%	535874	< 0.5	< 0.5	0.0%	535884	< 0.5	< 0.5	0.0%	535899	< 0.5	< 0.5	0.0%
Al	535858	3.16	3.02	4.5%	535874	3.49	3.51	0.6%	535884	5.70	5.63	1.2%	535899	7.38	7.36	0.3%
As	535858	< 1	< 1	0.0%	535874	< 1	< 1	0.0%	535884	< 1	< 1	0.0%	535899	6	8	28.6%
Ba	535858	878	904	2.9%	535874	952	967	1.6%	535884	573	579	1.0%	535899	229	224	2.2%
Be	535858	5.53	4.63	17.7%	535874	2.0	2.0	0.0%	535884	3.91	4.00	2.3%	535899	6.15	5.96	3.1%
Bi	535858	< 1	< 1	0.0%	535874	< 1	< 1	0.0%	535884	< 1	< 1	0.0%	535899	< 1	< 1	0.0%
Ca	535858	8.74	8.53	2.4%	535874	7.94	8.02	1.0%	535884	6.51	6.90	5.8%	535899	3.56	3.51	1.4%
Cd	535858	< 0.5	< 0.5	0.0%	535874	< 0.5	< 0.5	0.0%	535884	< 0.5	< 0.5	0.0%	535899	< 0.5	< 0.5	0.0%
Ce	535858	138	139	0.7%	535874	110	109	0.9%	535884	39	37	5.3%	535899	39	39	0.0%
Co	535858	49.5	48.3	2.5%	535874	57.4	57.4	0.0%	535884	38.6	41.3	6.8%	535899	20.3	21.4	5.3%
Cr	535858	661	685	3.6%	535874	672	684	1.8%	535884	237	238	0.4%	535899	98.4	97.4	1.0%
Cu	535858	101	100	1.0%	535874	109	109	0.0%	535884	104	100	3.9%	535899	84.1	82.3	2.2%
Fe	535858	8.09	7.96	1.6%	535874	8.86	8.97	1.2%	535884	7.97	8.23	3.2%	535899	4.00	3.97	0.8%
Ga	535858	17	16	6.1%	535874	18	18	0.0%	535884	19	18	5.4%	535899	21	21	0.0%
In	535858	< 1	< 1	0.0%	535874	< 1	< 1	0.0%	535884	< 1	< 1	0.0%	535899	< 1	< 1	0.0%
K	535858	2.75	2.62	4.8%	535874	2.13	2.15	0.9%	535884	3.22	3.17	1.6%	535899	1.38	1.37	0.7%
La	535858	70	68	2.9%	535874	56	56	0.0%	535884	17	16	6.1%	535899	17	17	0.0%
Li	535858	67	51	27.1%	535874	19	19	0.0%	535884	21	19	10.0%	535899	23	23	0.0%
Mg	535858	8.76	8.59	2.0%	535874	10.0	10.4	3.9%	535884	3.81	3.66	4.0%	535899	2.19	2.18	0.5%
Mn	535858	1450	1360	6.4%	535874	1350	1370	1.5%	535884	1290	1340	3.8%	535899	558	552	1.1%
Mo	535858	6.6	7.0	5.9%	535874	5.3	5.3	0.0%	535884	7.3	8.8	18.6%	535899	9.3	10.3	10.2%
Na	535858	1.50	1.37	9.1%	535874	0.575	0.579	0.7%	535884	1.87	1.78	4.9%	535899	4.67	4.63	0.9%
Ni	535858	383	376	1.8%	535874	480	493	2.7%	535884	152	150	1.3%	535899	62.4	63.0	1.0%
P	535858	2300	2660	14.5%	535874	2550	2580	1.2%	535884	870	835	4.1%	535899	582	569	2.3%
Pb	535858	< 20	< 20	0.0%	535874	< 20	< 20	0.0%	535884	< 20	27		535899	< 20	< 20	0.0%
Rb	535858	< 50	< 50	0.0%	535874	< 50	< 50	0.0%	535884	< 50	< 50	0.0%	535899	< 50	< 50	0.0%
S	535858	0.218	0.199	9.1%	535874	0.17	0.17	0.0%	535884	0.785	0.816	3.9%	535899	0.86	0.84	2.4%
Sb	535858	< 1	< 1	0.0%	535874	< 1	< 1	0.0%	535884	< 1	< 1	0.0%	535899	< 1	< 1	0.0%
Sc	535858	31	29	6.7%	535874	23	23	0.0%	535884	30	30	0.0%	535899	12	12	0.0%
Se	535858	< 10	< 10	0.0%	535874	< 10	< 10	0.0%	535884	< 10	< 10	0.0%	535899	< 10	< 10	0.0%
Sn	535858	< 5	< 5	0.0%	535874	< 5	< 5	0.0%	535884	< 5	< 5	0.0%	535899	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	535858	962	915	5.0%	535874	759	773	1.8%	535884	341	321	6.0%	535899	224	222	0.9%
Ta	535858	< 10	< 10	0.0%	535874	< 10	< 10	0.0%	535884	< 10	< 10	0.0%	535899	< 10	< 10	0.0%
Te	535858	< 10	< 10	0.0%	535874	< 10	< 10	0.0%	535884	< 10	< 10	0.0%	535899	< 10	< 10	0.0%
Th	535858	< 5	< 5	0.0%	535874	< 5	< 5	0.0%	535884	< 5	< 5	0.0%	535899	< 5	< 5	0.0%
Ti	535858	1.40	1.63	15.2%	535874	2.17	2.20	1.4%	535884	0.801	0.762	5.0%	535899	0.36	0.36	0.0%
Tl	535858	< 5	< 5	0.0%	535874	< 5	< 5	0.0%	535884	< 5	< 5	0.0%	535899	< 5	< 5	0.0%
U	535858	< 50	< 50	0.0%	535874	< 50	< 50	0.0%	535884	< 50	< 50	0.0%	535899	< 50	< 50	0.0%
V	535858	288	283	1.8%	535874	297	307	3.3%	535884	223	227	1.8%	535899	75.9	74.9	1.3%
W	535858	< 1	< 1	0.0%	535874	< 1	< 1	0.0%	535884	< 1	< 1	0.0%	535899	< 1	< 1	0.0%
Y	535858	31	30	3.3%	535874	19	20	5.1%	535884	21	21	0.0%	535899	47	46	2.2%
Zn	535858	79.0	76.6	3.1%	535874	82.0	81.3	0.9%	535884	216	236	8.8%	535899	43.5	42.6	2.1%
Zr	535858	41	50	19.8%	535874	222	231	4.0%	535884	86	75	13.7%	535899	170	167	1.8%

		REPLICATE #5														
Parameter	Sample ID	Original	Replicate	RPD												
Ag	535909	< 0.5	< 0.5	0.0%												
Al	535909	7.34	7.34	0.0%												
As	535909	< 1	< 1	0.0%												
Ba	535909	507	522	2.9%												
Be	535909	0.7	0.7	0.0%												
Bi	535909	< 1	< 1	0.0%												
Ca	535909	5.97	6.14	2.8%												
Cd	535909	< 0.5	< 0.5	0.0%												
Ce	535909	20	21	4.9%												
Co	535909	39.5	39.2	0.8%												
Cr	535909	118	116	1.7%												
Cu	535909	110	113	2.7%												
Fe	535909	9.30	9.51	2.2%												
Ga	535909	20	20	0.0%												
In	535909	< 1	< 1	0.0%												
K	535909	0.76	0.76	0.0%												
La	535909	8	8	0.0%												
Li	535909	20	20	0.0%												
Mg	535909	3.03	3.07	1.3%												
Mn	535909	2080	2120	1.9%												



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	535909	2.9	2.9	0.0%												
Na	535909	2.09	2.14	2.4%												
Ni	535909	93.2	93.2	0.0%												
P	535909	538	558	3.6%												
Pb	535909	< 20	< 20	0.0%												
Rb	535909	< 50	< 50	0.0%												
S	535909	0.14	0.14	0.0%												
Sb	535909	< 1	< 1	0.0%												
Sc	535909	26	27	3.8%												
Se	535909	< 10	< 10	0.0%												
Sn	535909	< 5	< 5	0.0%												
Sr	535909	219	224	2.3%												
Ta	535909	< 10	< 10	0.0%												
Te	535909	< 10	< 10	0.0%												
Th	535909	< 5	< 5	0.0%												
Ti	535909	0.752	0.768	2.1%												
Tl	535909	< 5	< 5	0.0%												
U	535909	< 50	< 50	0.0%												
V	535909	181	183	1.1%												
W	535909	< 1	< 1	0.0%												
Y	535909	21	22	4.7%												
Zn	535909	155	160	3.2%												
Zr	535909	16	17	6.1%												

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	535858	0.016	0.012	28.6%	535874	0.0026	0.0025	3.9%	535884	0.0035	0.0038	8.2%	535899	0.0109	0.0117	7.1%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	535909	0.002	0.005		535924	0.005	0.007									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP7M)				CRM #3 (ref.WMG-1a)				CRM #4 (ref.GS4H)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag									3.03	2.84	94%	90% - 110%				
Al	10.95	10.9	100%	90% - 110%	8.17	7.9	97%	90% - 110%	4.75	4.8	101%	90% - 110%	6.96	6.79	97%	90% - 110%
As					26	26	100%	90% - 110%					124	123	99%	90% - 110%
Ba	340	325	95%	90% - 110%	540	497	92%	90% - 110%	216	211	98%	90% - 110%	186	176	95%	90% - 110%
Be	2.6	2.7	104%	90% - 110%	4.0	3.4	84%	90% - 110%								
Ca	5.72	5.72	100%	90% - 110%	0.907	0.889	98%	90% - 110%	10	10	95%	90% - 110%	4.01	3.66	91%	90% - 110%
Ce	122	114	94%	90% - 110%	98	92	94%	90% - 110%					24	24	99%	90% - 110%
Co									191	173	91%	90% - 110%	22.1	20.1	91%	90% - 110%
Cr	12	11	91%	90% - 110%	60.3	61.8	103%	90% - 110%	670	671	100%	90% - 110%				
Cu					150	144	96%	90% - 110%	7120	7026	99%	90% - 110%	88.6	83.1	94%	90% - 110%
Fe	4.34	4.11	95%	90% - 110%	3.77	3.69	98%	90% - 110%	12.71	12.31	97%	90% - 110%	7.56	7.2	95%	90% - 110%
Ga	35	35	100%	90% - 110%												
K	1.37	1.45	106%	90% - 110%					0.1021	0.1082	106%	90% - 110%	2.021	2.018	100%	90% - 110%
La	58	56	96%	90% - 110%	44	41	94%	90% - 110%	8.47	7.88	93%	90% - 110%				
Li	37	38	103%	90% - 110%	47	46	97%	90% - 110%								
Mg	0.325	0.307	94%	90% - 110%	1.10	1.08	98%	90% - 110%	7.41	7.56	102%	90% - 110%	2.412	2.39	99%	90% - 110%
Mn					780	732	94%	90% - 110%					1510	1376	91%	90% - 110%
Mo					14	13	95%	90% - 110%	2.49	2.85	114%	90% - 110%				
Na	5.267	5.443	103%	90% - 110%	1.624	1.63	100%	90% - 110%	0.112	0.118	105%	90% - 110%	0.617	0.622	101%	90% - 110%
Ni					32	32	101%	90% - 110%	2480	2375	95%	90% - 110%	77.1	71.2	92%	90% - 110%
P					750	745	99%	90% - 110%	731	729	100%	90% - 110%	892	975	109%	90% - 110%
Pb	10	11	112%	90% - 110%	31	28	90%	90% - 110%								
S													0.348	0.351	101%	90% - 110%
Sc	1.1	1.1	100%	90% - 110%	12	13	108%	90% - 110%	21.33	22.05	103%	90% - 110%				
Sr	1191	1166	98%	90% - 110%	144	147	102%	90% - 110%	39	38	97%	90% - 110%	92.8	87.3	94%	90% - 110%
Ti	0.172	0.169	98%	90% - 110%	0.53	0.49	92%	90% - 110%	0.419	0.415	99%	90% - 110%				
V	8	8	106%	90% - 110%	77	81	105%	90% - 110%	158	167	106%	90% - 110%				
Y	119	127	106%	90% - 110%					12.67	13.46	106%	90% - 110%				
Zn	93	89	96%	90% - 110%	130	121	93%	90% - 110%	112	114	102%	90% - 110%	208	202	97%	90% - 110%
Zr									35.7	37.8	106%	90% - 110%				

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GSP5G)				CRM #4 (ref.GS4H)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.73	98%	90% - 110%	0.725	0.74	102%	90% - 110%	0.562	0.521	93%	90% - 110%	5.01	4.81	96%	90% - 110%



## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00783  
 SAMPLING SITE:

AGAT WORK ORDER: 19B519047  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MW-200-12006	BUGBEE, E;A Textbook of Fire Assay	ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00790

AGAT WORK ORDER: 19B522030

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Oct 08, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

# Certificate of Analysis

AGAT WORK ORDER: 19B522030

PROJECT: AGAT00790

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Sep 23, 2019

DATE RECEIVED: Sep 24, 2019

DATE REPORTED: Oct 08, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D70567 (558234)		1.16
D70568 (558235)		2.40
D70569 (558236)		2.86
D70570 (558237)		1.37
D70571 (558238)		2.18
D70572 (558239)		.72
D70573 (558240)		2
D70574 (558241)		1.27
D70575 (558242)		2.52
D70576 (558243)		2.74
D70577 (558244)		1.80
D70578 (558245)		1.80
D70579 (558246)		2.35
D70580 (558247)		2.25
D70581 (558248)		2.34
D70582 (558249)		2.58
D70583 (558250)		1.88
D70584 (558251)		.94
D70585 (558252)		1.94
D70586 (558253)		.10
D70587 (558254)		2.34
D70588 (558255)		2.31
D70589 (558256)		1.87
D70590 (558257)		1.96
D70591 (558258)		2.04
D70592 (558259)		.73
D70593 (558260)		3.08
D70594 (558261)		2.43
D70595 (558262)		2.32
D70596 (558263)		2.28
D70597 (558264)		2.17

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19B522030

PROJECT: AGAT00790

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 23, 2019      DATE RECEIVED: Sep 24, 2019      DATE REPORTED: Oct 08, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D70598 (558265)		2.17
D70599 (558266)		2.25
D70600 (558267)		3.13
D70601 (558268)		1.65
D70602 (558269)		2.32
D70603 (558270)		2.33
D70604 (558271)		2.35
D70605 (558272)		2.23
D70606 (558273)		.10
D70607 (558274)		1.62
D70608 (558275)		2.96
D70609 (558276)		2.93
D70610 (558277)		1.49
D70611 (558278)		1.91
D70612 (558279)		.75
D70613 (558280)		.89
D70614 (558281)		.96
D70615 (558282)		2.40
D70616 (558283)		3.08
D70617 (558284)		2.16
D70618 (558285)		2.16
D70619 (558286)		1.67
D70620 (558287)		2.76
D70621 (558288)		2.32
D70622 (558289)		2.18
D70623 (558290)		2.56
D70624 (558291)		2.15
D70625 (558292)		2.12
D70626 (558293)		.10
D70627 (558294)		2.33
D70628 (558295)		2.16

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19B522030

PROJECT: AGAT00790

 5623 McADAM ROAD  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Sep 23, 2019

DATE RECEIVED: Sep 24, 2019

DATE REPORTED: Oct 08, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D70629 (558296)		2.18
D70630 (558297)		1.60
D70631 (558298)		2.72
D70632 (558299)		.76
D70633 (558300)		2.20
D70634 (558301)		2.22
D70635 (558302)		2.13
D70636 (558303)		2.08
D70637 (558304)		1.92
D70638 (558305)		1.92

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19B522030

PROJECT: AGAT00790

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 23, 2019	DATE RECEIVED: Sep 24, 2019							DATE REPORTED: Oct 08, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D70567 (558234)	<0.5	7.13	<1	637	1.7	<1	2.97	<0.5	53	18.1	87.9	3.5	3.96	17	
D70568 (558235)	<0.5	6.62	<1	699	2.0	<1	4.08	<0.5	53	29.7	231	39.6	5.18	18	
D70569 (558236)	<0.5	7.05	<1	384	2.0	<1	1.15	<0.5	20	3.8	37.2	13.3	1.02	20	
D70570 (558237)	<0.5	6.22	<1	739	1.5	<1	4.59	<0.5	54	29.7	283	41.9	4.99	16	
D70571 (558238)	<0.5	6.49	<1	809	2.1	<1	4.77	<0.5	52	28.2	207	60.2	5.04	17	
D70572 (558239)	<0.5	0.17	<1	35	<0.5	<1	30.1	<0.5	<1	<0.5	3.3	<0.5	0.16	<5	
D70573 (558240)	<0.5	7.68	<1	658	1.9	<1	3.10	<0.5	50	12.9	70.9	2.9	3.02	20	
D70574 (558241)	<0.5	6.91	<1	665	1.1	<1	0.90	<0.5	34	<0.5	9.0	3.8	0.57	15	
D70575 (558242)	<0.5	7.87	<1	618	2.3	<1	3.04	<0.5	62	13.7	75.6	<0.5	3.05	21	
D70576 (558243)	<0.5	7.93	<1	727	2.2	<1	3.07	<0.5	71	12.7	74.6	18.4	3.05	20	
D70577 (558244)	<0.5	6.40	<1	672	2.2	<1	4.91	<0.5	55	29.7	229	50.5	4.93	17	
D70578 (558245)	<0.5	6.36	<1	663	2.2	<1	4.76	<0.5	55	30.5	232	55.8	4.83	17	
D70579 (558246)	<0.5	6.51	<1	582	2.0	<1	4.31	<0.5	55	24.8	162	58.3	4.49	16	
D70580 (558247)	<0.5	7.77	<1	822	1.7	<1	2.97	<0.5	57	13.1	74.0	28.5	3.05	21	
D70581 (558248)	<0.5	7.87	<1	846	1.5	<1	3.03	<0.5	61	17.1	86.0	4.6	3.66	19	
D70582 (558249)	<0.5	7.14	<1	645	1.2	<1	2.59	<0.5	57	17.1	76.0	16.3	3.52	18	
D70583 (558250)	<0.5	7.37	<1	934	2.5	<1	2.70	<0.5	66	17.4	85.8	19.7	3.80	19	
D70584 (558251)	<0.5	2.86	<1	406	9.1	<1	6.41	<0.5	109	49.1	342	64.8	5.96	12	
D70585 (558252)	<0.5	7.56	<1	694	1.8	<1	2.96	<0.5	64	17.8	90.7	14.8	3.64	18	
D70586 (558253)	<0.5	7.49	<1	189	0.8	<1	6.60	<0.5	23	40.8	152	104	7.80	21	
D70587 (558254)	<0.5	7.54	<1	652	1.4	<1	3.10	<0.5	58	17.3	86.0	50.6	3.61	19	
D70588 (558255)	<0.5	7.23	<1	492	1.7	<1	2.52	<0.5	57	12.0	63.2	17.6	2.81	18	
D70589 (558256)	<0.5	7.84	<1	762	2.3	<1	2.73	<0.5	55	10.3	68.4	2.0	2.62	23	
D70590 (558257)	<0.5	7.07	2	440	0.9	<1	0.76	<0.5	37	<0.5	11.2	2.3	0.39	17	
D70591 (558258)	<0.5	7.38	<1	268	1.0	<1	1.09	<0.5	28	<0.5	9.3	1.0	0.26	16	
D70592 (558259)	<0.5	0.09	<1	22	<0.5	<1	30.0	<0.5	<1	<0.5	3.7	<0.5	0.15	<5	
D70593 (558260)	<0.5	7.02	<1	663	1.8	<1	3.12	<0.5	51	10.9	73.6	21.6	2.49	20	
D70594 (558261)	<0.5	7.55	<1	593	1.9	<1	2.65	<0.5	58	10.6	87.3	10.3	2.78	23	
D70595 (558262)	<0.5	7.83	<1	562	1.6	<1	2.76	<0.5	68	12.0	67.0	17.5	3.00	22	
D70596 (558263)	<0.5	7.68	<1	654	2.2	<1	3.16	<0.5	101	12.4	74.9	19.5	2.89	22	
D70597 (558264)	<0.5	7.86	<1	837	1.9	<1	2.78	<0.5	59	10.4	64.3	8.3	2.74	23	
D70598 (558265)	<0.5	7.69	<1	845	1.9	<1	2.74	<0.5	58	10.3	70.6	9.2	2.72	23	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19B522030

PROJECT: AGAT00790

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CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 23, 2019	DATE RECEIVED: Sep 24, 2019							DATE REPORTED: Oct 08, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D70599 (558266)	<0.5	7.99	<1	522	1.9	<1	2.60	<0.5	74	9.0	64.4	8.9	2.43	22	
D70600 (558267)	<0.5	7.50	<1	683	1.9	<1	2.88	<0.5	65	13.0	94.8	30.0	3.00	23	
D70601 (558268)	<0.5	7.73	<1	504	1.2	<1	3.98	<0.5	47	22.2	97.4	41.5	5.06	20	
D70602 (558269)	<0.5	7.72	<1	501	1.0	<1	3.83	<0.5	44	22.4	89.5	47.5	5.08	19	
D70603 (558270)	<0.5	7.87	<1	533	1.1	<1	3.67	<0.5	46	22.6	98.6	51.2	5.10	20	
D70604 (558271)	<0.5	7.59	<1	534	1.2	<1	3.54	<0.5	51	23.7	108	46.3	5.04	19	
D70605 (558272)	<0.5	7.64	<1	469	1.1	<1	3.32	<0.5	46	21.8	90.0	42.6	4.66	20	
D70606 (558273)	<0.5	7.33	<1	184	0.8	<1	6.45	<0.5	23	39.9	152	105	7.62	20	
D70607 (558274)	<0.5	7.24	<1	372	0.9	<1	4.12	<0.5	34	38.1	392	51.0	5.24	17	
D70608 (558275)	<0.5	7.65	<1	920	2.0	<1	2.53	1.8	68	9.5	62.0	25.3	2.51	20	
D70609 (558276)	<0.5	7.60	<1	867	2.3	<1	2.72	2.8	75	9.4	50.8	63.3	2.86	20	
D70610 (558277)	<0.5	8.40	<1	328	1.6	<1	1.54	<0.5	21	0.6	8.4	6.4	0.61	19	
D70611 (558278)	<0.5	7.05	<1	246	1.6	<1	1.47	<0.5	29	1.3	12.2	6.2	0.68	17	
D70612 (558279)	<0.5	0.10	<1	26	<0.5	<1	30.5	<0.5	<1	0.7	5.4	<0.5	0.20	<5	
D70613 (558280)	<0.5	7.18	<1	152	4.9	<1	6.17	0.6	23	34.3	96.0	87.6	7.14	18	
D70614 (558281)	0.6	7.87	1	238	1.6	<1	1.83	<0.5	35	3.3	15.4	21.6	1.08	19	
D70615 (558282)	<0.5	7.76	<1	250	2.1	<1	7.75	<0.5	17	38.1	90.8	56.2	7.63	20	
D70616 (558283)	<0.5	7.23	3	220	1.3	<1	1.70	<0.5	21	2.3	10.5	10.4	0.81	18	
D70617 (558284)	<0.5	7.01	3	335	1.4	<1	1.28	<0.5	61	0.6	13.9	7.0	0.64	15	
D70618 (558285)	<0.5	6.89	2	357	1.4	<1	1.26	<0.5	67	0.6	14.1	7.1	0.65	15	
D70619 (558286)	<0.5	6.78	10	381	1.0	<1	1.09	<0.5	63	1.8	21.0	5.4	0.75	15	
D70620 (558287)	<0.5	2.66	22	218	5.7	<1	11.3	<0.5	294	46.5	324	21.1	6.64	7	
D70621 (558288)	<0.5	6.66	3	434	1.2	<1	0.98	<0.5	106	1.4	14.8	4.3	0.79	15	
D70622 (558289)	<0.5	6.80	<1	342	1.3	<1	1.36	<0.5	38	1.9	11.2	6.1	0.71	16	
D70623 (558290)	<0.5	7.06	1	318	0.9	<1	0.79	<0.5	18	1.4	8.6	5.8	0.60	16	
D70624 (558291)	<0.5	6.60	<1	265	1.1	<1	0.86	<0.5	22	0.7	13.9	4.6	0.64	15	
D70625 (558292)	<0.5	6.41	<1	464	1.0	<1	1.40	<0.5	33	2.0	18.5	3.0	0.92	14	
D70626 (558293)	<0.5	7.43	<1	187	0.8	<1	6.62	<0.5	24	40.0	155	107	7.77	20	
D70627 (558294)	<0.5	6.95	<1	305	1.0	<1	1.64	<0.5	11	1.5	16.5	2.9	0.77	15	
D70628 (558295)	<0.5	6.97	2	292	0.9	<1	0.86	<0.5	15	2.6	13.4	50.7	0.52	16	
D70629 (558296)	<0.5	6.69	<1	173	1.2	<1	0.85	<0.5	7	<0.5	15.7	5.2	0.56	17	
D70630 (558297)	<0.5	7.24	1	106	1.4	<1	1.03	<0.5	8	<0.5	14.6	1.9	0.52	17	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B522030

PROJECT: AGAT00790

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 23, 2019	DATE RECEIVED: Sep 24, 2019							DATE REPORTED: Oct 08, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D70631 (558298)	<0.5	6.87	2	131	1.4	<1	1.03	<0.5	10	4.0	21.6	3.6	0.72	18	
D70632 (558299)	<0.5	0.11	<1	24	<0.5	<1	30.5	<0.5	<1	<0.5	4.2	<0.5	0.15	<5	
D70633 (558300)	<0.5	6.74	<1	343	0.9	<1	1.01	<0.5	13	<0.5	7.1	0.6	0.27	16	
D70634 (558301)	<0.5	6.83	<1	215	1.5	<1	1.27	<0.5	6	<0.5	10.2	0.6	0.39	16	
D70635 (558302)	<0.5	7.46	<1	242	1.7	<1	1.42	<0.5	6	<0.5	10.4	1.5	0.46	19	
D70636 (558303)	<0.5	6.90	1	338	1.1	<1	0.72	<0.5	17	0.5	11.3	2.3	0.43	18	
D70637 (558304)	<0.5	6.99	1	128	1.0	<1	0.90	<0.5	46	0.6	13.4	4.5	0.52	18	
D70638 (558305)	<0.5	6.95	<1	124	1.0	<1	0.90	<0.5	42	0.9	16.3	4.4	0.59	18	

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DATE SAMPLED: Sep 23, 2019	DATE RECEIVED: Sep 24, 2019					DATE REPORTED: Oct 08, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D70567 (558234)	<1	1.56	23	28	1.74	660	7.4	2.95	48.3	675	<20	<50	0.04	<1	
D70568 (558235)	<1	2.03	23	45	4.20	996	9.8	2.21	101	1050	<20	<50	0.05	<1	
D70569 (558236)	<1	4.40	7	8	0.56	209	8.7	2.41	19.8	162	37	<50	0.02	<1	
D70570 (558237)	<1	2.09	23	22	4.49	922	11.4	2.15	106	1000	<20	<50	0.04	<1	
D70571 (558238)	<1	2.37	22	37	3.96	952	7.3	2.35	83.0	925	<20	<50	0.05	<1	
D70572 (558239)	<1	0.08	<2	1	2.31	119	2.1	0.07	0.7	73	<20	<50	0.02	<1	
D70573 (558240)	<1	1.66	21	28	1.63	489	2.7	3.20	43.4	649	<20	<50	<0.01	<1	
D70574 (558241)	<1	4.63	16	4	0.09	57	3.0	2.22	3.1	133	20	<50	0.01	<1	
D70575 (558242)	<1	1.74	27	39	1.71	536	2.4	3.45	45.1	766	<20	<50	0.01	<1	
D70576 (558243)	<1	1.66	30	37	1.71	528	3.4	3.63	41.9	793	<20	<50	0.01	<1	
D70577 (558244)	<1	1.90	22	41	4.43	940	3.1	2.50	96.4	1290	<20	<50	0.02	<1	
D70578 (558245)	<1	1.94	23	43	4.32	909	2.9	2.53	98.5	1240	<20	<50	0.03	<1	
D70579 (558246)	<1	1.75	23	38	3.58	892	2.7	2.60	69.3	928	<20	<50	0.06	<1	
D70580 (558247)	<1	1.69	25	27	1.54	524	2.9	3.22	42.3	679	<20	<50	0.06	<1	
D70581 (558248)	<1	2.00	25	40	1.78	597	2.6	3.10	48.7	706	<20	<50	0.03	<1	
D70582 (558249)	<1	1.78	24	40	1.59	561	4.5	2.76	44.2	725	<20	<50	0.04	<1	
D70583 (558250)	<1	1.96	27	40	1.86	607	3.0	3.09	55.3	879	<20	<50	0.05	<1	
D70584 (558251)	<1	2.47	49	51	7.04	1110	3.4	2.45	394	1160	<20	<50	0.03	<1	
D70585 (558252)	<1	1.73	26	28	1.86	592	2.9	3.02	53.8	776	<20	<50	0.04	<1	
D70586 (558253)	<1	0.44	9	10	4.48	1340	1.6	2.23	114	897	<20	<50	0.09	<1	
D70587 (558254)	<1	1.64	25	31	1.73	593	3.7	2.85	49.0	742	<20	<50	0.15	<1	
D70588 (558255)	<1	2.24	24	36	1.26	489	2.5	2.69	36.2	526	<20	<50	0.05	<1	
D70589 (558256)	<1	1.68	23	35	1.34	435	2.4	3.23	36.3	609	<20	<50	0.01	<1	
D70590 (558257)	<1	4.95	16	4	0.11	67	3.4	2.06	3.0	57	20	<50	<0.01	<1	
D70591 (558258)	<1	3.90	12	3	0.05	41	3.1	2.64	1.1	30	<20	<50	<0.01	<1	
D70592 (558259)	<1	0.02	<2	1	1.35	80	2.2	0.04	0.8	63	<20	<50	0.01	<1	
D70593 (558260)	<1	1.55	21	25	1.40	412	4.9	3.18	43.3	610	<20	<50	0.07	<1	
D70594 (558261)	<1	1.70	25	30	1.43	464	8.8	3.33	40.3	659	<20	<50	0.03	<1	
D70595 (558262)	<1	1.66	30	29	1.40	511	6.0	3.50	40.0	669	<20	<50	0.05	<1	
D70596 (558263)	<1	2.26	43	36	1.70	557	6.1	3.54	63.0	869	<20	<50	0.06	<1	
D70597 (558264)	<1	1.94	25	23	1.38	457	6.1	3.49	37.4	655	<20	<50	0.03	<1	
D70598 (558265)	<1	1.92	25	21	1.35	449	6.6	3.39	38.4	654	<20	<50	0.04	<1	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 23, 2019

DATE RECEIVED: Sep 24, 2019

DATE REPORTED: Oct 08, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D70599 (558266)		<1	1.72	32	24	1.25	409	5.5	3.64	36.8	640	<20	<50	0.03	<1
D70600 (558267)		<1	1.73	27	26	1.71	485	7.6	3.28	51.9	990	<20	<50	0.08	<1
D70601 (558268)		<1	1.20	18	27	2.02	1010	8.5	3.03	58.1	686	<20	<50	0.08	<1
D70602 (558269)		<1	1.26	18	34	2.02	954	5.8	2.99	58.4	653	<20	<50	0.09	<1
D70603 (558270)		<1	1.40	19	38	2.00	980	5.2	2.71	62.1	676	<20	<50	0.12	<1
D70604 (558271)		<1	1.39	21	39	2.02	989	4.2	2.65	64.1	768	<20	<50	0.14	<1
D70605 (558272)		<1	1.37	19	35	1.80	952	3.5	2.87	64.6	653	<20	<50	0.15	<1
D70606 (558273)		<1	0.43	9	10	4.32	1290	1.9	2.27	112	861	<20	<50	0.09	<1
D70607 (558274)		<1	1.18	14	26	2.27	1340	3.2	2.52	257	478	<20	<50	0.23	<1
D70608 (558275)		<1	2.15	30	27	1.20	636	3.6	2.64	33.9	772	70	<50	0.19	<1
D70609 (558276)		<1	2.12	33	26	1.21	810	3.8	2.68	27.9	659	64	<50	0.50	<1
D70610 (558277)		<1	3.72	9	5	0.12	161	4.0	3.25	2.9	73	28	<50	0.04	<1
D70611 (558278)		<1	3.01	12	5	0.15	136	5.7	2.77	3.6	82	23	<50	0.03	<1
D70612 (558279)		<1	0.03	2	1	1.38	96	3.3	0.04	2.7	89	<20	<50	<0.01	<1
D70613 (558280)		<1	0.90	9	17	2.86	2050	5.2	2.10	56.6	404	<20	<50	0.26	<1
D70614 (558281)		<1	2.86	15	9	0.26	211	5.4	3.20	8.3	91	27	<50	0.07	<1
D70615 (558282)		<1	0.99	7	14	3.27	1640	4.2	2.34	65.7	312	<20	<50	0.11	<1
D70616 (558283)		<1	2.39	11	4	0.22	168	5.3	3.08	4.7	59	26	<50	0.03	<1
D70617 (558284)		<1	3.49	35	3	0.13	206	7.3	2.66	2.3	42	30	<50	0.02	<1
D70618 (558285)		<1	3.74	39	3	0.12	220	7.5	2.61	2.1	53	32	<50	0.02	<1
D70619 (558286)		<1	4.45	33	4	0.20	181	9.2	2.36	9.9	50	27	<50	0.02	<1
D70620 (558287)		<1	1.61	133	52	6.35	2570	5.6	1.86	411	3550	<20	<50	0.18	<1
D70621 (558288)		<1	4.75	60	6	0.29	282	19.4	2.17	10.0	148	36	<50	0.02	<1
D70622 (558289)		<1	4.48	15	3	0.33	183	3.1	2.29	7.8	107	23	<50	0.02	<1
D70623 (558290)		<1	4.55	8	2	0.18	113	3.6	2.32	1.4	22	23	<50	0.01	<1
D70624 (558291)		<1	2.92	9	1	0.15	101	6.2	2.75	1.7	26	<20	<50	0.01	<1
D70625 (558292)		<1	4.49	12	3	0.37	184	6.1	2.06	7.5	41	<20	<50	<0.01	<1
D70626 (558293)		<1	0.44	9	10	4.37	1310	2.1	2.29	113	852	<20	<50	0.09	<1
D70627 (558294)		<1	4.57	5	3	0.30	162	9.0	2.34	6.5	21	<20	<50	<0.01	<1
D70628 (558295)		<1	4.87	6	1	0.09	74	5.5	2.01	2.9	41	69	<50	0.06	<1
D70629 (558296)		<1	3.74	3	1	0.07	206	5.8	2.41	2.3	43	27	<50	0.02	<1
D70630 (558297)		<1	3.54	4	2	0.07	116	7.0	2.85	1.6	30	28	<50	<0.01	<1

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## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 23, 2019		DATE RECEIVED: Sep 24, 2019					DATE REPORTED: Oct 08, 2019					SAMPLE TYPE: Drill Core				
Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Rb ppm	S %	Sb ppm	
D70631 (558298)		<1	3.36	4	2	0.25	143	4.5	2.81	29.8	54	24	<50	0.03	<1	
D70632 (558299)		<1	0.03	<2	2	1.58	93	2.3	0.04	0.8	71	<20	<50	0.01	<1	
D70633 (558300)		<1	4.15	5	<1	0.07	63	3.1	2.34	0.7	55	22	<50	<0.01	<1	
D70634 (558301)		<1	1.40	3	2	0.12	86	4.1	3.41	1.3	24	<20	<50	<0.01	<1	
D70635 (558302)		<1	1.43	3	2	0.10	100	5.3	3.69	1.2	34	<20	<50	<0.01	<1	
D70636 (558303)		<1	4.98	6	2	0.07	95	4.6	2.34	2.0	39	<20	<50	<0.01	<1	
D70637 (558304)		<1	4.65	18	1	0.16	161	5.1	2.57	3.2	51	29	<50	0.01	<1	
D70638 (558305)		<1	4.61	17	1	0.16	165	6.7	2.63	3.5	55	28	<50	0.01	<1	

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DATE SAMPLED: Sep 23, 2019	DATE RECEIVED: Sep 24, 2019					DATE REPORTED: Oct 08, 2019					SAMPLE TYPE: Drill Core				
Analyte: Unit: RDL:	Sc ppm 1	Se ppm 10	Sn ppm 5	Sr ppm 1	Ta ppm 10	Te ppm 10	Th ppm 5	Ti % 0.01	Tl ppm 5	U ppm 50	V ppm 0.5	W ppm 1	Y ppm 1	Zn ppm 0.5	
Sample ID (AGAT ID)															
D70567 (558234)	16	<10	<5	615	<10	<10	<5	0.32	<5	<50	115	<1	14	75.2	
D70568 (558235)	24	<10	<5	611	<10	<10	<5	0.34	<5	<50	138	<1	16	94.6	
D70569 (558236)	4	<10	<5	241	<10	<10	9	0.04	<5	<50	16.0	<1	9	19.4	
D70570 (558237)	22	<10	<5	602	<10	<10	<5	0.33	<5	<50	130	<1	14	80.6	
D70571 (558238)	26	<10	<5	650	<10	<10	<5	0.32	<5	<50	146	<1	15	83.7	
D70572 (558239)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	3.3	
D70573 (558240)	10	<10	<5	695	<10	<10	<5	0.27	<5	<50	74.2	<1	12	71.7	
D70574 (558241)	1	<10	<5	257	<10	<10	12	0.02	<5	<50	7.8	<1	6	8.2	
D70575 (558242)	11	<10	<5	753	<10	<10	<5	0.28	<5	<50	80.0	<1	15	69.2	
D70576 (558243)	11	<10	<5	797	<10	<10	<5	0.26	<5	<50	76.8	<1	14	64.6	
D70577 (558244)	24	<10	<5	574	<10	<10	<5	0.32	<5	<50	135	<1	17	81.7	
D70578 (558245)	24	<10	<5	580	<10	<10	<5	0.32	<5	<50	137	<1	16	82.3	
D70579 (558246)	22	<10	<5	598	<10	<10	<5	0.32	<5	<50	131	<1	15	77.8	
D70580 (558247)	11	<10	<5	757	<10	<10	<5	0.28	<5	<50	85.2	<1	12	68.6	
D70581 (558248)	14	<10	<5	681	<10	<10	<5	0.32	<5	<50	110	<1	13	76.0	
D70582 (558249)	15	<10	<5	628	<10	<10	<5	0.32	<5	<50	109	<1	14	69.0	
D70583 (558250)	16	<10	<5	664	<10	<10	<5	0.36	<5	<50	121	<1	16	74.7	
D70584 (558251)	17	<10	<5	681	<10	<10	<5	0.59	<5	<50	174	<1	33	61.1	
D70585 (558252)	15	<10	<5	772	<10	<10	<5	0.34	<5	<50	113	<1	14	70.1	
D70586 (558253)	36	<10	<5	243	<10	<10	<5	0.84	<5	<50	248	<1	23	95.0	
D70587 (558254)	14	<10	<5	537	<10	<10	<5	0.33	<5	<50	109	<1	13	75.0	
D70588 (558255)	11	<10	<5	459	<10	<10	<5	0.26	<5	<50	75.6	<1	11	73.1	
D70589 (558256)	9	<10	<5	719	<10	<10	<5	0.25	<5	<50	65.0	<1	12	74.1	
D70590 (558257)	1	<10	<5	170	<10	<10	16	0.02	<5	<50	4.6	<1	4	8.9	
D70591 (558258)	<1	<10	<5	156	<10	<10	10	0.01	<5	<50	1.9	<1	2	8.1	
D70592 (558259)	<1	<10	<5	66	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	2.5	
D70593 (558260)	8	<10	<5	644	<10	<10	<5	0.23	<5	<50	60.9	<1	11	67.9	
D70594 (558261)	9	<10	<5	673	<10	<10	<5	0.24	<5	<50	64.2	<1	13	73.3	
D70595 (558262)	10	<10	<5	647	<10	<10	<5	0.27	<5	<50	75.4	<1	12	78.8	
D70596 (558263)	9	<10	<5	618	<10	<10	7	0.30	<5	<50	63.4	<1	13	66.0	
D70597 (558264)	9	<10	<5	792	<10	<10	<5	0.25	<5	<50	64.6	<1	13	69.8	
D70598 (558265)	9	<10	<5	778	<10	<10	<5	0.25	<5	<50	64.8	<1	13	69.2	

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AGAT WORK ORDER: 19B522030

PROJECT: AGAT00790

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 23, 2019	DATE RECEIVED: Sep 24, 2019					DATE REPORTED: Oct 08, 2019					SAMPLE TYPE: Drill Core				
Analyte: Unit: RDL:	Sc ppm 1	Se ppm 10	Sn ppm 5	Sr ppm 1	Ta ppm 10	Te ppm 10	Th ppm 5	Ti % 0.01	Tl ppm 5	U ppm 50	V ppm 0.5	W ppm 1	Y ppm 1	Zn ppm 0.5	
D70599 (558266)	8	<10	<5	723	<10	<10	<5	0.21	<5	<50	54.3	<1	12	69.8	
D70600 (558267)	10	<10	<5	653	<10	<10	<5	0.26	<5	<50	71.2	<1	13	75.5	
D70601 (558268)	21	<10	<5	430	<10	<10	<5	0.39	<5	<50	148	48	16	72.3	
D70602 (558269)	22	<10	<5	470	<10	<10	<5	0.43	<5	<50	151	<1	16	75.3	
D70603 (558270)	21	<10	<5	429	<10	<10	<5	0.41	<5	<50	149	<1	16	73.1	
D70604 (558271)	22	<10	<5	485	<10	<10	<5	0.40	<5	<50	146	<1	16	87.3	
D70605 (558272)	20	<10	<5	422	<10	<10	<5	0.39	<5	<50	136	<1	16	84.3	
D70606 (558273)	36	<10	<5	245	<10	<10	<5	0.82	<5	<50	245	<1	23	90.3	
D70607 (558274)	24	<10	<5	353	<10	<10	<5	0.36	<5	<50	157	<1	14	169	
D70608 (558275)	7	<10	<5	668	<10	<10	<5	0.21	<5	<50	58.0	<1	12	351	
D70609 (558276)	7	<10	<5	619	<10	<10	<5	0.20	<5	<50	56.3	<1	11	891	
D70610 (558277)	2	<10	<5	176	<10	<10	20	0.04	<5	<50	4.9	<1	3	48.1	
D70611 (558278)	2	<10	<5	151	<10	<10	16	0.04	<5	<50	8.1	<1	3	28.1	
D70612 (558279)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	3.5	
D70613 (558280)	37	<10	10	179	<10	<10	<5	0.47	<5	<50	237	<1	19	158	
D70614 (558281)	4	<10	<5	160	<10	<10	24	0.07	<5	<50	19.1	<1	5	33.1	
D70615 (558282)	43	<10	<5	154	<10	<10	<5	0.53	<5	<50	258	<1	20	114	
D70616 (558283)	3	<10	<5	143	<10	<10	9	0.05	<5	<50	15.2	<1	4	34.0	
D70617 (558284)	2	<10	<5	153	<10	<10	23	0.02	<5	<50	8.3	<1	5	27.5	
D70618 (558285)	2	<10	<5	158	<10	<10	27	0.02	<5	<50	7.9	<1	5	30.0	
D70619 (558286)	3	<10	<5	144	<10	<10	20	0.05	<5	<50	14.6	<1	5	44.6	
D70620 (558287)	20	<10	<5	730	<10	<10	28	0.44	<5	<50	163	<1	120	66.3	
D70621 (558288)	3	<10	<5	165	<10	<10	17	0.04	<5	<50	16.0	<1	6	39.3	
D70622 (558289)	3	<10	<5	148	<10	<10	28	0.05	<5	<50	11.2	<1	4	30.0	
D70623 (558290)	2	<10	<5	101	<10	<10	19	0.05	<5	<50	3.2	<1	3	21.4	
D70624 (558291)	2	<10	<5	92	<10	<10	39	0.04	<5	<50	3.1	<1	2	14.3	
D70625 (558292)	3	<10	<5	143	<10	<10	11	0.10	<5	<50	16.3	<1	3	22.6	
D70626 (558293)	36	<10	<5	248	<10	<10	<5	0.84	<5	<50	249	<1	23	92.7	
D70627 (558294)	3	<10	<5	153	<10	<10	<5	0.07	<5	<50	15.7	<1	2	27.2	
D70628 (558295)	1	<10	<5	112	<10	<10	16	0.03	<5	<50	2.4	<1	2	49.9	
D70629 (558296)	2	<10	<5	77	<10	<10	11	0.02	<5	<50	1.5	<1	7	11.7	
D70630 (558297)	2	<10	<5	61	<10	<10	15	0.03	<5	<50	1.3	<1	4	9.8	

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AGAT WORK ORDER: 19B522030

PROJECT: AGAT00790

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 23, 2019	DATE RECEIVED: Sep 24, 2019					DATE REPORTED: Oct 08, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D70631 (558298)	3	<10	<5	65	<10	<10	10	0.05	<5	<50	6.1	<1	5	12.9	
D70632 (558299)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	3.0	
D70633 (558300)	2	<10	<5	86	<10	<10	20	0.02	<5	<50	1.3	<1	4	6.5	
D70634 (558301)	1	<10	<5	142	<10	<10	10	0.02	<5	<50	2.1	<1	3	15.4	
D70635 (558302)	1	<10	<5	147	<10	<10	14	0.02	<5	<50	1.8	<1	9	14.2	
D70636 (558303)	3	<10	<5	67	<10	<10	21	0.01	<5	<50	5.3	<1	15	9.7	
D70637 (558304)	3	<10	<5	51	<10	<10	22	0.01	<5	<50	4.0	<1	9	7.6	
D70638 (558305)	3	<10	<5	50	<10	<10	22	0.01	<5	<50	4.3	<1	9	8.2	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 23, 2019      DATE RECEIVED: Sep 24, 2019      DATE REPORTED: Oct 08, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D70567 (558234)				93
D70568 (558235)				88
D70569 (558236)				82
D70570 (558237)				92
D70571 (558238)				89
D70572 (558239)				<5
D70573 (558240)				84
D70574 (558241)				34
D70575 (558242)				97
D70576 (558243)				95
D70577 (558244)				79
D70578 (558245)				71
D70579 (558246)				97
D70580 (558247)				81
D70581 (558248)				93
D70582 (558249)				98
D70583 (558250)				107
D70584 (558251)				46
D70585 (558252)				100
D70586 (558253)				92
D70587 (558254)				90
D70588 (558255)				99
D70589 (558256)				101
D70590 (558257)				44
D70591 (558258)				30
D70592 (558259)				<5
D70593 (558260)				84
D70594 (558261)				94
D70595 (558262)				91
D70596 (558263)				87
D70597 (558264)				90
D70598 (558265)				87

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## Certificate of Analysis

AGAT WORK ORDER: 19B522030

PROJECT: AGAT00790

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 23, 2019      DATE RECEIVED: Sep 24, 2019      DATE REPORTED: Oct 08, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D70599 (558266)			80
D70600 (558267)			101
D70601 (558268)			94
D70602 (558269)			88
D70603 (558270)			99
D70604 (558271)			111
D70605 (558272)			99
D70606 (558273)			82
D70607 (558274)			77
D70608 (558275)			108
D70609 (558276)			106
D70610 (558277)			75
D70611 (558278)			90
D70612 (558279)			<5
D70613 (558280)			31
D70614 (558281)			152
D70615 (558282)			23
D70616 (558283)			49
D70617 (558284)			92
D70618 (558285)			94
D70619 (558286)			73
D70620 (558287)			26
D70621 (558288)			17
D70622 (558289)			49
D70623 (558290)			29
D70624 (558291)			42
D70625 (558292)			12
D70626 (558293)			83
D70627 (558294)			5
D70628 (558295)			20
D70629 (558296)			22
D70630 (558297)			22

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AGAT WORK ORDER: 19B522030

PROJECT: AGAT00790

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 23, 2019      DATE RECEIVED: Sep 24, 2019      DATE REPORTED: Oct 08, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D70631 (558298)				26
D70632 (558299)				<5
D70633 (558300)				30
D70634 (558301)				98
D70635 (558302)				60
D70636 (558303)				66
D70637 (558304)				20
D70638 (558305)				17

Comments: RDL - Reported Detection Limit  
 558234-558305 As, Sb values may be low due to digestion losses.  
 Analysis performed at AGAT Toronto (unless marked by \*)

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AGAT WORK ORDER: 19B522030

PROJECT: AGAT00790

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 23, 2019      DATE RECEIVED: Sep 24, 2019      DATE REPORTED: Oct 08, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D70567 (558234)			0.026
D70568 (558235)			0.006
D70569 (558236)			0.004
D70570 (558237)			0.002
D70571 (558238)			0.005
D70572 (558239)			0.001
D70573 (558240)			0.008
D70574 (558241)			0.002
D70575 (558242)			0.002
D70576 (558243)			0.003
D70577 (558244)			0.007
D70578 (558245)			0.010
D70579 (558246)			0.009
D70580 (558247)			0.003
D70581 (558248)			0.003
D70582 (558249)			0.003
D70583 (558250)			0.004
D70584 (558251)			0.012
D70585 (558252)			0.004
D70586 (558253)			0.337
D70587 (558254)			0.005
D70588 (558255)			0.002
D70589 (558256)			0.005
D70590 (558257)			0.012
D70591 (558258)			0.004
D70592 (558259)			0.002
D70593 (558260)			0.021
D70594 (558261)			0.066
D70595 (558262)			0.009
D70596 (558263)			0.028
D70597 (558264)			0.011
D70598 (558265)			0.008

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## Certificate of Analysis

AGAT WORK ORDER: 19B522030

PROJECT: AGAT00790

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 23, 2019      DATE RECEIVED: Sep 24, 2019      DATE REPORTED: Oct 08, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D70599 (558266)			0.008
D70600 (558267)			0.012
D70601 (558268)			0.010
D70602 (558269)			0.007
D70603 (558270)			0.014
D70604 (558271)			0.020
D70605 (558272)			0.016
D70606 (558273)			0.346
D70607 (558274)			0.014
D70608 (558275)			0.019
D70609 (558276)			0.023
D70610 (558277)			0.021
D70611 (558278)			0.031
D70612 (558279)			0.002
D70613 (558280)			0.022
D70614 (558281)			0.049
D70615 (558282)			0.022
D70616 (558283)			0.035
D70617 (558284)			0.009
D70618 (558285)			0.007
D70619 (558286)			0.007
D70620 (558287)			0.006
D70621 (558288)			0.007
D70622 (558289)			0.003
D70623 (558290)			0.019
D70624 (558291)			0.005
D70625 (558292)			0.009
D70626 (558293)			0.331
D70627 (558294)			0.005
D70628 (558295)			0.006
D70629 (558296)			0.004
D70630 (558297)			0.021

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## Certificate of Analysis

AGAT WORK ORDER: 19B522030

PROJECT: AGAT00790

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 23, 2019      DATE RECEIVED: Sep 24, 2019      DATE REPORTED: Oct 08, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D70631 (558298)			0.003
D70632 (558299)			0.002
D70633 (558300)			0.006
D70634 (558301)			0.003
D70635 (558302)			0.002
D70636 (558303)			0.003
D70637 (558304)			0.029
D70638 (558305)			0.011

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B522030

PROJECT: AGAT00790

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Sep 23, 2019	DATE RECEIVED: Sep 24, 2019	DATE REPORTED: Oct 08, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D70567 (558234)		77
D70587 (558254)		80
D70607 (558274)		78
D70627 (558294)		76

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B522030

PROJECT: AGAT00790

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Sep 23, 2019

DATE RECEIVED: Sep 24, 2019

DATE REPORTED: Oct 08, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D70567 (558234)		99
D70594 (558261)		98
D70622 (558289)		96

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	558236	< 0.5	< 0.5	0.0%	558248	< 0.5	< 0.5	0.0%	558261	< 0.5	< 0.5	0.0%	558272	< 0.5	< 0.5	0.0%
Al	558236	7.05	6.54	7.5%	558248	7.87	7.60	3.5%	558261	7.55	7.58	0.4%	558272	7.64	7.55	1.2%
As	558236	< 1	< 1	0.0%	558248	< 1	< 1	0.0%	558261	< 1	< 1	0.0%	558272	< 1	< 1	0.0%
Ba	558236	384	346	10.4%	558248	846	819	3.2%	558261	593	607	2.3%	558272	469	449	4.4%
Be	558236	2.0	1.9	5.1%	558248	1.5	1.5	0.0%	558261	1.9	2.3	19.0%	558272	1.1	1.1	0.0%
Bi	558236	< 1	< 1	0.0%	558248	< 1	< 1	0.0%	558261	< 1	< 1	0.0%	558272	< 1	< 1	0.0%
Ca	558236	1.15	0.93	21.2%	558248	3.03	3.05	0.7%	558261	2.65	2.62	1.1%	558272	3.32	3.26	1.8%
Cd	558236	< 0.5	< 0.5	0.0%	558248	< 0.5	< 0.5	0.0%	558261	< 0.5	< 0.5	0.0%	558272	< 0.5	< 0.5	0.0%
Ce	558236	20	15	28.6%	558248	61	58	5.0%	558261	58	58	0.0%	558272	46	44	4.4%
Co	558236	3.8	3.1	20.3%	558248	17.1	17.2	0.6%	558261	10.6	11.0	3.7%	558272	21.8	20.8	4.7%
Cr	558236	37.2	35.8	3.8%	558248	86.0	87.6	1.8%	558261	87.3	82.2	6.0%	558272	90.0	85.4	5.2%
Cu	558236	13.3	12.5	6.2%	558248	4.62	5.30	13.7%	558261	10.3	11.5	11.0%	558272	42.6	40.1	6.0%
Fe	558236	1.02	0.98	4.0%	558248	3.66	3.55	3.1%	558261	2.78	2.90	4.2%	558272	4.66	4.62	0.9%
Ga	558236	20	19	5.1%	558248	19	19	0.0%	558261	23	22	4.4%	558272	20	18	10.5%
In	558236	< 1	< 1	0.0%	558248	< 1	< 1	0.0%	558261	< 1	< 1	0.0%	558272	< 1	< 1	0.0%
K	558236	4.40	4.30	2.3%	558248	2.00	1.92	4.1%	558261	1.70	1.75	2.9%	558272	1.37	1.36	0.7%
La	558236	7	6	15.4%	558248	25	26	3.9%	558261	25	25	0.0%	558272	19	18	5.4%
Li	558236	8	6	28.6%	558248	40	38	5.1%	558261	30	30	0.0%	558272	35	35	0.0%
Mg	558236	0.56	0.45	21.8%	558248	1.78	1.73	2.8%	558261	1.43	1.43	0.0%	558272	1.80	1.77	1.7%
Mn	558236	209	169	21.2%	558248	597	578	3.2%	558261	464	479	3.2%	558272	952	939	1.4%
Mo	558236	8.7	11.4	26.9%	558248	2.6	2.8	7.4%	558261	8.84	9.69	9.2%	558272	3.5	3.0	15.4%
Na	558236	2.41	2.23	7.8%	558248	3.10	3.06	1.3%	558261	3.33	3.30	0.9%	558272	2.87	2.80	2.5%
Ni	558236	19.8	17.2	14.1%	558248	48.7	51.3	5.2%	558261	40.3	41.4	2.7%	558272	64.6	62.8	2.8%
P	558236	162	136	17.4%	558248	706	697	1.3%	558261	659	679	3.0%	558272	653	605	7.6%
Pb	558236	37	37	0.0%	558248	< 20	< 20	0.0%	558261	< 20	< 20	0.0%	558272	< 20	< 20	0.0%
Rb	558236	< 50	< 50	0.0%	558248	< 50	< 50	0.0%	558261	< 50	< 50	0.0%	558272	< 50	< 50	0.0%
S	558236	0.018	0.014	25.0%	558248	0.03	0.03	0.0%	558261	0.03	0.04	28.6%	558272	0.146	0.134	8.6%
Sb	558236	< 1	< 1	0.0%	558248	< 1	< 1	0.0%	558261	< 1	< 1	0.0%	558272	< 1	< 1	0.0%
Sc	558236	4	3	28.6%	558248	14	14	0.0%	558261	9	9	0.0%	558272	20	19	5.1%
Se	558236	< 10	< 10	0.0%	558248	< 10	< 10	0.0%	558261	< 10	< 10	0.0%	558272	< 10	< 10	0.0%
Sn	558236	< 5	< 5	0.0%	558248	< 5	< 5	0.0%	558261	< 5	< 5	0.0%	558272	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	558236	241	209	14.2%	558248	681	689	1.2%	558261	673	692	2.8%	558272	422	415	1.7%
Ta	558236	< 10	< 10	0.0%	558248	< 10	< 10	0.0%	558261	< 10	< 10	0.0%	558272	< 10	< 10	0.0%
Te	558236	< 10	< 10	0.0%	558248	< 10	< 10	0.0%	558261	< 10	< 10	0.0%	558272	< 10	< 10	0.0%
Th	558236	9	9	0.0%	558248	< 5	< 5	0.0%	558261	< 5	< 5	0.0%	558272	< 5	< 5	0.0%
Ti	558236	0.04	0.03	28.6%	558248	0.32	0.32	0.0%	558261	0.243	0.248	2.0%	558272	0.393	0.383	2.6%
Tl	558236	< 5	< 5	0.0%	558248	< 5	< 5	0.0%	558261	< 5	< 5	0.0%	558272	< 5	< 5	0.0%
U	558236	< 50	< 50	0.0%	558248	< 50	< 50	0.0%	558261	< 50	< 50	0.0%	558272	< 50	< 50	0.0%
V	558236	16.0	9.6	12.8%	558248	110	107	2.8%	558261	64.2	65.5	2.0%	558272	136	135	0.7%
W	558236	< 1	< 1	0.0%	558248	< 1	< 1	0.0%	558261	< 1	< 1	0.0%	558272	< 1	< 1	0.0%
Y	558236	9	8	11.8%	558248	13	13	0.0%	558261	13	12	8.0%	558272	16	16	0.0%
Zn	558236	19.4	14.8	26.9%	558248	76.0	76.0	0.0%	558261	73.3	76.4	4.1%	558272	84.3	79.6	5.7%
Zr	558236	82	69	17.2%	558248	93	87	6.7%	558261	94	93	1.1%	558272	99	100	1.0%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	558286	< 0.5	< 0.5	0.0%	558298	< 0.5	< 0.5	0.0%								
Al	558286	6.78	6.81	0.4%	558298	6.87	6.86	0.1%								
As	558286	10	8	22.2%	558298	2	2	0.0%								
Ba	558286	381	373	2.1%	558298	131	132	0.8%								
Be	558286	0.99	0.94	5.2%	558298	1.4	1.4	0.0%								
Bi	558286	< 1	< 1	0.0%	558298	< 1	< 1	0.0%								
Ca	558286	1.09	1.05	3.7%	558298	1.03	1.05	1.9%								
Cd	558286	< 0.5	< 0.5	0.0%	558298	< 0.5	< 0.5	0.0%								
Ce	558286	63	58	8.3%	558298	10	10	0.0%								
Co	558286	1.76	1.43	20.7%	558298	4.0	3.8	5.1%								
Cr	558286	21.0	22.3	6.0%	558298	21.6	23.8	9.7%								
Cu	558286	5.4	5.4	0.0%	558298	3.6	2.9	21.5%								
Fe	558286	0.754	0.769	2.0%	558298	0.721	0.736	2.1%								
Ga	558286	15	15	0.0%	558298	18	17	5.7%								
In	558286	< 1	< 1	0.0%	558298	< 1	< 1	0.0%								
K	558286	4.45	4.41	0.9%	558298	3.36	3.37	0.3%								
La	558286	33	31	6.3%	558298	4	4	0.0%								
Li	558286	4	4	0.0%	558298	2	2	0.0%								
Mg	558286	0.198	0.162	20.0%	558298	0.25	0.25	0.0%								
Mn	558286	181	173	4.5%	558298	143	143	0.0%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	558286	9.22	10.8	15.8%	558298	4.5	5.1	12.5%								
Na	558286	2.36	2.30	2.6%	558298	2.81	2.81	0.0%								
Ni	558286	9.9	8.6	14.1%	558298	29.8	29.8	0.0%								
P	558286	50	49	2.0%	558298	54	61	12.2%								
Pb	558286	27	27	0.0%	558298	24	24	0.0%								
Rb	558286	< 50	< 50	0.0%	558298	< 50	< 50	0.0%								
S	558286	0.02	0.02	0.0%	558298	0.03	0.03	0.0%								
Sb	558286	< 1	< 1	0.0%	558298	< 1	< 1	0.0%								
Sc	558286	3	3	0.0%	558298	3	3	0.0%								
Se	558286	< 10	< 10	0.0%	558298	< 10	< 10	0.0%								
Sn	558286	< 5	< 5	0.0%	558298	< 5	< 5	0.0%								
Sr	558286	144	138	4.3%	558298	65	66	1.5%								
Ta	558286	< 10	< 10	0.0%	558298	< 10	< 10	0.0%								
Te	558286	< 10	< 10	0.0%	558298	< 10	< 10	0.0%								
Th	558286	20	19	5.1%	558298	10	8	22.2%								
Ti	558286	0.045	0.040	11.8%	558298	0.05	0.05	0.0%								
Tl	558286	< 5	< 5	0.0%	558298	< 5	< 5	0.0%								
U	558286	< 50	< 50	0.0%	558298	< 50	< 50	0.0%								
V	558286	14.6	13.6	7.1%	558298	6.1	6.1	0.0%								
W	558286	< 1	< 1	0.0%	558298	< 1	< 1	0.0%								
Y	558286	5	5	0.0%	558298	5	5	0.0%								
Zn	558286	44.6	46.0	3.1%	558298	12.9	12.5	3.1%								
Zr	558286	73	76	4.0%	558298	26	27	3.8%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	558236	0.004	0.002		558248	0.003	0.003	0.0%	558261	0.066	0.081	20.4%	558272	0.016	0.019	17.1%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	558286	0.007	0.008	13.3%	558298	0.003	0.006									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GSP7M)				CRM #2 (ref.GSP5G)				CRM #3 (ref.GS6F)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	2.87	95%	90% - 110%
Al	10.95	11.02	101%	90% - 110%	8.17	8.25	101%	90% - 110%	6.96	6.87	99%	90% - 110%	4.75	4.9	103%	90% - 110%
As					26	28	108%	90% - 110%	124	124	100%	90% - 110%				
Ba	340	335	99%	90% - 110%	540	503	93%	90% - 110%	186	180	97%	90% - 110%	216	217	101%	90% - 110%
Be	2.6	2.9	111%	90% - 110%	4.0	3.5	88%	90% - 110%								
Ca	5.72	5.82	102%	90% - 110%	0.907	0.901	99%	90% - 110%	4.01	3.97	99%	90% - 110%	10	10	98%	90% - 110%
Ce	122	122	100%	90% - 110%	98	101	103%	90% - 110%	24	24	101%	90% - 110%				
Co									22.1	21.1	95%	90% - 110%	191	184	97%	90% - 110%
Cr					60.3	63.9	106%	90% - 110%					670	652	97%	90% - 110%
Cu					150	151	101%	90% - 110%	88.6	84.4	95%	90% - 110%	7120	7287	102%	90% - 110%
Fe	4.34	4.19	97%	90% - 110%	3.77	3.7	98%	90% - 110%	7.56	7.31	97%	90% - 110%	12.71	12.19	96%	90% - 110%
Ga	35	37	106%	90% - 110%												
K	1.37	1.46	106%	90% - 110%					2.021	2.021	100%	90% - 110%	0.1021	0.1095	107%	90% - 110%
La	58	54	93%	90% - 110%	44	41	94%	90% - 110%					8.47	7.84	93%	90% - 110%
Li	37	38	103%	90% - 110%	47	46	97%	90% - 110%								
Mg	0.325	0.307	94%	90% - 110%	1.10	1.08	98%	90% - 110%	2.412	2.433	101%	90% - 110%	7.41	7.56	102%	90% - 110%
Mn					780	752	96%	90% - 110%	1510	1421	94%	90% - 110%				
Mo					14	15	108%	90% - 110%								
Na	5.267	5.394	102%	90% - 110%	1.624	1.63	100%	90% - 110%	0.617	0.6	97%	90% - 110%	0.112	0.118	106%	90% - 110%
Ni					32	34	106%	90% - 110%	77.1	74.4	96%	90% - 110%	2480	2351	95%	90% - 110%
P					750	745	99%	90% - 110%	892	894	100%	90% - 110%	731	745	102%	90% - 110%
Pb	10	9	90%	90% - 110%	31	30	95%	90% - 110%								
S									0.348	0.335	96%	90% - 110%				
Sc	1.1	1.1	100%	90% - 110%	12	12	100%	90% - 110%					21.33	22.69	106%	90% - 110%
Sr	1191	1175	99%	90% - 110%	144	148	103%	90% - 110%	92.8	86.8	94%	90% - 110%	39	38	97%	90% - 110%
Ti	0.172	0.167	97%	90% - 110%	0.53	0.48	90%	90% - 110%					0.419	0.414	99%	90% - 110%
V	8	8	105%	90% - 110%	77	81	105%	90% - 110%					158	172	109%	90% - 110%
Y	119	127	107%	90% - 110%									12.67	13.79	109%	90% - 110%
Zn	93	98	105%	90% - 110%	130	122	94%	90% - 110%	208	210	101%	90% - 110%	112	116	104%	90% - 110%
Zr													35.7	38.3	107%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GSP7M)				CRM #2 (ref.GSP5G)				CRM #3 (ref.GS6F)				CRM #4 (ref.GS4H)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.725	0.723	100%	90% - 110%	0.562	0.516	91%	90% - 110%	6.87	6.67	97%	90% - 110%	5.01	5.03	100%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00790  
 SAMPLING SITE:

AGAT WORK ORDER: 19B522030  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00830

AGAT WORK ORDER: 19B533940

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Nov 18, 2019

PAGES (INCLUDING COVER): 13

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

# Certificate of Analysis

AGAT WORK ORDER: 19B533940

PROJECT: AGAT00830

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Oct 21, 2019

DATE RECEIVED: Oct 22, 2019

DATE REPORTED: Nov 18, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
RDL:	0.01
D72531 (640422)	1.06
D72532 (640423)	.64
D72533 (640424)	3.16
D72534 (640425)	3.30
D72535 (640426)	3.30
D72536 (640427)	1.04
D72537 (640428)	1.42
D72538 (640429)	1.42
D72539 (640430)	3.02
D72540 (640431)	2.29
D72541 (640432)	2.67
D72542 (640433)	2.18
D72543 (640434)	3.02
D72544 (640435)	1.23
D72545 (640436)	1.64
D72546 (640437)	.10
D72547 (640438)	2.84
D72548 (640439)	3.12
D72549 (640440)	1.82
D72550 (640441)	2
D72551 (640442)	2.22
D72552 (640443)	.63
D72553 (640444)	2.17
D72554 (640445)	2.89
D72555 (640446)	1.75
D72556 (640447)	2.56
D72557 (640448)	1.38
D72558 (640449)	1.38

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19B533940

PROJECT: AGAT00830

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 21, 2019	DATE RECEIVED: Oct 22, 2019							DATE REPORTED: Nov 18, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D72531 (640422)	<0.5	8.13	<1	89	<0.5	<1	6.32	<0.5	21	28.3	121	105	5.29	21	
D72532 (640423)	<0.5	0.06	<1	23	<0.5	<1	31.7	<0.5	<1	<0.5	7.4	<0.5	0.13	<5	
D72533 (640424)	<0.5	8.81	<1	90	0.6	<1	7.13	<0.5	17	35.4	85.7	73.0	7.48	26	
D72534 (640425)	<0.5	9.13	<1	102	0.8	<1	7.14	<0.5	23	36.1	43.7	101	7.54	27	
D72535 (640426)	<0.5	9.43	<1	165	0.6	<1	7.28	<0.5	24	34.6	37.2	79.6	7.31	26	
D72536 (640427)	<0.5	9.26	<1	59	0.8	<1	7.06	<0.5	22	33.6	35.6	65.4	7.07	27	
D72537 (640428)	<0.5	9.13	<1	263	0.8	<1	4.63	<0.5	27	14.5	24.0	31.8	4.06	26	
D72538 (640429)	<0.5	9.07	<1	255	0.8	<1	4.48	<0.5	26	14.7	22.1	32.8	3.93	25	
D72539 (640430)	<0.5	9.06	<1	71	1.1	<1	6.79	<0.5	21	36.1	39.5	81.9	7.35	27	
D72540 (640431)	<0.5	7.89	<1	281	1.2	<1	6.29	<0.5	50	27.8	37.5	47.5	5.90	22	
D72541 (640432)	<0.5	8.90	<1	113	0.9	<1	6.58	<0.5	37	34.2	36.8	77.9	7.10	27	
D72542 (640433)	<0.5	6.60	<1	412	3.4	<1	8.38	<0.5	97	39.2	178	90.7	8.60	23	
D72543 (640434)	<0.5	8.41	<1	138	0.7	<1	6.98	<0.5	13	33.2	149	74.0	8.00	26	
D72544 (640435)	<0.5	8.70	<1	252	1.5	<1	5.67	<0.5	12	20.9	119	4.5	4.34	24	
D72545 (640436)	<0.5	8.06	<1	156	1.8	<1	4.97	<0.5	8	15.7	82.6	11.4	3.53	21	
D72546 (640437)	<0.5	7.01	<1	143	<0.5	<1	6.79	<0.5	10	41.3	200	148	7.74	21	
D72547 (640438)	<0.5	8.35	<1	147	0.8	<1	4.34	<0.5	14	15.7	69.2	6.4	3.38	23	
D72548 (640439)	<0.5	9.06	<1	81	0.7	<1	5.93	<0.5	13	24.4	53.0	21.5	5.44	24	
D72549 (640440)	<0.5	9.02	<1	144	1.4	<1	6.45	<0.5	20	30.8	36.7	75.0	6.43	27	
D72550 (640441)	<0.5	2.67	<1	583	2.8	<1	6.41	<0.5	102	64.6	616	72.2	7.73	14	
D72551 (640442)	<0.5	9.01	<1	121	0.5	<1	6.54	<0.5	23	30.3	44.2	44.4	6.71	26	
D72552 (640443)	<0.5	0.06	<1	17	<0.5	<1	31.3	<0.5	<1	<0.5	6.2	<0.5	0.08	<5	
D72553 (640444)	<0.5	8.96	<1	130	0.7	<1	6.05	<0.5	20	48.3	38.5	351	7.51	27	
D72554 (640445)	<0.5	8.63	<1	147	1.2	<1	4.72	<0.5	12	17.2	45.1	74.8	3.89	24	
D72555 (640446)	<0.5	9.36	<1	150	0.8	<1	4.70	<0.5	13	19.6	28.8	191	3.30	26	
D72556 (640447)	<0.5	9.39	<1	89	<0.5	<1	6.84	<0.5	24	28.5	32.8	50.7	6.56	26	
D72557 (640448)	<0.5	8.14	<1	260	0.8	<1	3.97	<0.5	26	20.5	23.7	162	3.65	21	
D72558 (640449)	<0.5	8.15	<1	254	0.8	<1	3.97	<0.5	30	21.9	28.4	169	3.69	23	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B533940

PROJECT: AGAT00830

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 21, 2019

DATE RECEIVED: Oct 22, 2019

DATE REPORTED: Nov 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D72531 (640422)		<1	0.27	10	14	2.90	815	2.6	1.93	70.4	1310	<20	<50	0.12	<1
D72532 (640423)		<1	<0.01	<2	1	1.15	120	0.6	0.03	1.0	71	<20	<50	0.04	<1
D72533 (640424)		<1	0.32	7	19	3.16	1010	2.8	1.95	74.1	1680	<20	<50	0.09	<1
D72534 (640425)		<1	0.36	9	19	2.90	1010	3.0	2.03	63.4	1880	<20	<50	0.14	<1
D72535 (640426)		<1	0.40	10	21	2.91	1040	2.0	2.19	64.9	1570	<20	<50	0.16	<1
D72536 (640427)		<1	0.45	9	31	2.90	1100	2.2	2.11	73.9	1560	<20	<50	0.14	<1
D72537 (640428)		<1	0.75	14	23	1.33	614	2.6	2.71	26.1	871	<20	<50	0.09	<1
D72538 (640429)		<1	0.73	13	23	1.26	591	2.6	2.68	25.3	864	<20	<50	0.09	<1
D72539 (640430)		<1	0.45	8	23	2.94	1130	2.4	2.33	69.5	1610	<20	<50	0.20	<1
D72540 (640431)		<1	1.82	23	19	2.39	996	2.3	2.49	58.9	1500	<20	<50	0.09	<1
D72541 (640432)		<1	0.41	15	21	2.78	1070	2.3	2.39	59.4	1740	<20	<50	0.16	<1
D72542 (640433)		<1	0.84	45	36	4.54	1610	2.6	2.24	105	2960	<20	<50	0.22	<1
D72543 (640434)		<1	0.53	6	24	3.68	1480	2.4	2.14	78.8	1340	<20	<50	0.19	<1
D72544 (640435)		<1	0.47	5	29	2.46	967	2.0	2.62	93.6	855	<20	<50	0.03	<1
D72545 (640436)		<1	0.71	4	22	1.71	763	2.7	2.57	58.7	372	<20	<50	0.04	<1
D72546 (640437)		<1	0.19	3	13	4.33	1440	1.7	2.14	96.8	441	<20	<50	0.16	<1
D72547 (640438)		<1	0.43	7	18	1.78	761	2.4	2.75	58.9	423	<20	<50	0.03	<1
D72548 (640439)		<1	0.37	6	26	2.38	962	2.3	2.46	57.9	992	<20	<50	0.05	<1
D72549 (640440)		<1	0.56	9	26	2.71	1050	2.4	2.99	63.9	1520	<20	<50	0.14	<1
D72550 (640441)		<1	2.31	48	30	9.93	1290	2.8	1.97	596	1610	<20	<50	0.21	<1
D72551 (640442)		<1	0.65	10	21	2.83	1030	2.0	2.47	65.7	1620	<20	<50	0.10	<1
D72552 (640443)		<1	<0.01	<2	<1	1.05	83	0.6	0.03	<0.5	80	<20	<50	0.05	<1
D72553 (640444)		<1	0.99	9	21	2.59	1020	2.3	2.43	82.3	1390	<20	<50	0.86	<1
D72554 (640445)		<1	0.73	5	18	1.50	663	2.0	2.47	45.4	711	<20	<50	0.28	<1
D72555 (640446)		<1	0.84	7	14	0.89	392	3.1	2.67	32.6	450	<20	<50	0.76	<1
D72556 (640447)		<1	0.46	11	17	2.57	1090	4.0	2.29	52.9	1580	<20	<50	0.18	<1
D72557 (640448)		<1	1.07	13	20	1.25	442	2.5	2.28	30.9	811	<20	<50	0.39	<1
D72558 (640449)		<1	1.05	15	20	1.23	447	2.7	2.29	32.7	862	<20	<50	0.41	<1

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19B533940

PROJECT: AGAT00830

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 21, 2019

DATE RECEIVED: Oct 22, 2019

DATE REPORTED: Nov 18, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D72531 (640422)	20	<10	<5	518	<10	<10	<5	0.35	<5	<50	135	<1	13	60.5
D72532 (640423)	1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.2	<1	1	2.0
D72533 (640424)	25	<10	<5	408	<10	<10	<5	0.59	<5	<50	238	<1	13	77.3
D72534 (640425)	26	<10	<5	437	<10	<10	<5	0.73	<5	<50	302	<1	13	80.4
D72535 (640426)	26	<10	<5	526	<10	<10	<5	0.73	<5	<50	278	<1	12	77.7
D72536 (640427)	28	<10	<5	419	<10	<10	<5	0.72	<5	<50	297	<1	11	81.3
D72537 (640428)	9	<10	<5	291	<10	<10	<5	0.33	<5	<50	104	<1	9	57.4
D72538 (640429)	9	<10	<5	287	<10	<10	<5	0.30	<5	<50	102	<1	9	54.8
D72539 (640430)	26	<10	<5	321	<10	<10	<5	0.64	<5	<50	287	<1	15	82.9
D72540 (640431)	23	<10	<5	370	<10	<10	8	0.43	<5	<50	192	<1	13	66.3
D72541 (640432)	26	<10	<5	335	<10	<10	<5	0.69	<5	<50	287	<1	13	81.5
D72542 (640433)	31	<10	<5	710	<10	<10	<5	0.76	<5	<50	275	<1	28	113
D72543 (640434)	34	<10	<5	205	<10	<10	<5	0.66	<5	<50	244	<1	19	89.9
D72544 (640435)	20	<10	<5	246	<10	<10	<5	0.20	<5	<50	104	<1	10	58.5
D72545 (640436)	15	<10	<5	251	<10	<10	<5	0.22	<5	<50	87.0	<1	9	48.7
D72546 (640437)	45	<10	<5	105	<10	<10	<5	0.64	<5	<50	313	<1	21	78.2
D72547 (640438)	13	<10	<5	263	<10	<10	<5	0.25	<5	<50	83.9	<1	7	56.4
D72548 (640439)	21	<10	<5	321	<10	<10	<5	0.53	<5	<50	198	<1	10	75.3
D72549 (640440)	24	<10	<5	344	<10	<10	<5	0.67	<5	<50	250	<1	14	75.9
D72550 (640441)	19	<10	<5	629	<10	<10	<5	1.01	<5	<50	235	<1	23	93.0
D72551 (640442)	24	<10	<5	314	<10	<10	<5	0.75	<5	<50	261	<1	13	77.4
D72552 (640443)	1	<10	<5	72	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	3.1
D72553 (640444)	21	<10	<5	299	<10	<10	<5	0.54	<5	<50	211	<1	12	86.5
D72554 (640445)	15	<10	<5	259	<10	<10	<5	0.32	<5	<50	108	<1	18	51.3
D72555 (640446)	6	<10	<5	306	<10	<10	<5	0.14	<5	<50	43.2	<1	5	41.9
D72556 (640447)	23	<10	<5	283	<10	<10	<5	0.72	<5	<50	258	<1	14	89.4
D72557 (640448)	9	<10	<5	240	<10	<10	<5	0.35	<5	<50	102	<1	8	47.0
D72558 (640449)	10	<10	<5	239	<10	<10	<5	0.34	<5	<50	107	<1	8	47.1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B533940

PROJECT: AGAT00830

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 21, 2019

DATE RECEIVED: Oct 22, 2019

DATE REPORTED: Nov 18, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D72531 (640422)	25
D72532 (640423)	<5
D72533 (640424)	16
D72534 (640425)	14
D72535 (640426)	15
D72536 (640427)	15
D72537 (640428)	36
D72538 (640429)	36
D72539 (640430)	28
D72540 (640431)	24
D72541 (640432)	23
D72542 (640433)	100
D72543 (640434)	16
D72544 (640435)	30
D72545 (640436)	22
D72546 (640437)	48
D72547 (640438)	21
D72548 (640439)	13
D72549 (640440)	33
D72550 (640441)	65
D72551 (640442)	20
D72552 (640443)	<5
D72553 (640444)	24
D72554 (640445)	32
D72555 (640446)	13
D72556 (640447)	20
D72557 (640448)	54
D72558 (640449)	53

Comments: RDL - Reported Detection Limit

640422-640449 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B533940

PROJECT: AGAT00830

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 21, 2019      DATE RECEIVED: Oct 22, 2019      DATE REPORTED: Nov 18, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D72531 (640422)			0.023
D72532 (640423)			0.001
D72533 (640424)			0.019
D72534 (640425)			0.022
D72535 (640426)			1.00
D72536 (640427)			0.019
D72537 (640428)			0.007
D72538 (640429)			0.008
D72539 (640430)			0.015
D72540 (640431)			0.008
D72541 (640432)			0.013
D72542 (640433)			0.008
D72543 (640434)			0.020
D72544 (640435)			0.002
D72545 (640436)			0.002
D72546 (640437)			0.548
D72547 (640438)			0.002
D72548 (640439)			0.002
D72549 (640440)			0.004
D72550 (640441)			0.002
D72551 (640442)			0.004
D72552 (640443)			0.001
D72553 (640444)			0.037
D72554 (640445)			0.011
D72555 (640446)			0.019
D72556 (640447)			0.009
D72557 (640448)			0.010
D72558 (640449)			0.011

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19B533940

PROJECT: AGAT00830

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Crushing)

DATE SAMPLED: Oct 21, 2019

DATE RECEIVED: Oct 22, 2019

DATE REPORTED: Nov 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D72531 (640422)		88
D72548 (640439)		84

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19B533940

PROJECT: AGAT00830

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Oct 21, 2019

DATE RECEIVED: Oct 22, 2019

DATE REPORTED: Nov 18, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL:
D72531 (640422)	90.5

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	640422	< 0.5	< 0.5	0.0%	640436	< 0.5	< 0.5	0.0%	640447	< 0.5	< 0.5	0.0%				
Al	640422	8.13	8.28	1.8%	640436	8.06	7.85	2.6%	640447	9.39	9.35	0.4%				
As	640422	< 1	< 1	0.0%	640436	< 1	< 1	0.0%	640447	< 1	< 1	0.0%				
Ba	640422	89	92	3.3%	640436	156	148	5.3%	640447	89	87	2.3%				
Be	640422	< 0.5	< 0.5	0.0%	640436	1.8	1.8	0.0%	640447	< 0.5	< 0.5	0.0%				
Bi	640422	< 1	< 1	0.0%	640436	< 1	< 1	0.0%	640447	< 1	< 1	0.0%				
Ca	640422	6.32	6.40	1.3%	640436	4.97	4.67	6.2%	640447	6.84	6.79	0.7%				
Cd	640422	< 0.5	< 0.5	0.0%	640436	< 0.5	< 0.5	0.0%	640447	< 0.5	< 0.5	0.0%				
Ce	640422	21	23	9.1%	640436	8	7	13.3%	640447	24	22	8.7%				
Co	640422	28.3	29.0	2.4%	640436	15.7	15.6	0.6%	640447	28.5	28.2	1.1%				
Cr	640422	121	122	0.8%	640436	82.6	72.6	12.9%	640447	32.8	33.6	2.4%				
Cu	640422	105	101	3.9%	640436	11.4	11.1	2.7%	640447	50.7	48.5	4.4%				
Fe	640422	5.29	5.53	4.4%	640436	3.53	3.39	4.0%	640447	6.56	6.59	0.5%				
Ga	640422	21	22	4.7%	640436	21	20	4.9%	640447	26	27	3.8%				
In	640422	< 1	< 1	0.0%	640436	< 1	< 1	0.0%	640447	< 1	< 1	0.0%				
K	640422	0.275	0.287	4.3%	640436	0.71	0.70	1.4%	640447	0.457	0.449	1.8%				
La	640422	10	10	0.0%	640436	4	4	0.0%	640447	11	10	9.5%				
Li	640422	14	15	6.9%	640436	22	21	4.7%	640447	17	16	6.1%				
Mg	640422	2.90	3.05	5.0%	640436	1.71	1.65	3.6%	640447	2.57	2.58	0.4%				
Mn	640422	815	853	4.6%	640436	763	732	4.1%	640447	1090	1100	0.9%				
Mo	640422	2.6	2.6	0.0%	640436	2.71	2.62	3.4%	640447	4.0	3.7	7.8%				
Na	640422	1.93	1.94	0.5%	640436	2.57	2.47	4.0%	640447	2.29	2.26	1.3%				
Ni	640422	70.4	73.0	3.6%	640436	58.7	59.9	2.0%	640447	52.9	52.4	0.9%				
P	640422	1310	1390	5.9%	640436	372	377	1.3%	640447	1580	1640	3.7%				
Pb	640422	< 20	< 20	0.0%	640436	< 20	< 20	0.0%	640447	< 20	< 20	0.0%				
Rb	640422	< 50	< 50	0.0%	640436	< 50	< 50	0.0%	640447	< 50	< 50	0.0%				
S	640422	0.12	0.12	0.0%	640436	0.037	0.033	11.4%	640447	0.18	0.19	5.4%				
Sb	640422	< 1	< 1	0.0%	640436	< 1	< 1	0.0%	640447	< 1	< 1	0.0%				
Sc	640422	20	22	9.5%	640436	15	15	0.0%	640447	23	23	0.0%				
Se	640422	< 10	< 10	0.0%	640436	< 10	< 10	0.0%	640447	< 10	< 10	0.0%				
Sn	640422	< 5	< 5	0.0%	640436	< 5	< 5	0.0%	640447	< 5	< 5	0.0%				



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	640422	518	513	1.0%	640436	251	239	4.9%	640447	283	280	1.1%				
Ta	640422	< 10	< 10	0.0%	640436	< 10	< 10	0.0%	640447	< 10	< 10	0.0%				
Te	640422	< 10	< 10	0.0%	640436	< 10	< 10	0.0%	640447	< 10	< 10	0.0%				
Th	640422	< 5	< 5	0.0%	640436	< 5	< 5	0.0%	640447	< 5	< 5	0.0%				
Ti	640422	0.353	0.362	2.5%	640436	0.224	0.215	4.1%	640447	0.72	0.74	2.7%				
Tl	640422	< 5	< 5	0.0%	640436	< 5	< 5	0.0%	640447	< 5	< 5	0.0%				
U	640422	< 50	< 50	0.0%	640436	< 50	< 50	0.0%	640447	< 50	< 50	0.0%				
V	640422	135	145	7.1%	640436	87.0	88.6	1.8%	640447	258	259	0.4%				
W	640422	< 1	< 1	0.0%	640436	< 1	< 1	0.0%	640447	< 1	< 1	0.0%				
Y	640422	13	14	7.4%	640436	9	9	0.0%	640447	14	14	0.0%				
Zn	640422	60.5	62.8	3.7%	640436	48.7	45.7	6.4%	640447	89.4	86.8	3.0%				
Zr	640422	25	25	0.0%	640436	22	22	0.0%	640447	20	23	14.0%				

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Au	640422	0.023	0.021	9.4%	640436	0.002	0.002	6.1%	640447	0.009	0.011	20.0%				



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

**(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish**

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)										
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits							
Al	10.95	10.72	98%	90% - 110%	8.17	8.08	99%	90% - 110%							
As					26	23	88%	90% - 110%							
Ba	340	339	100%	90% - 110%	540	507	93%	90% - 110%							
Be	2.6	2.8	108%	90% - 110%	4.0	3.7	92%	90% - 110%							
Ca	5.72	5.68	99%	90% - 110%	0.907	0.89	98%	90% - 110%							
Ce	122	118	97%	90% - 110%	98	99	101%	90% - 110%							
Cr	12	11	94%	90% - 110%	60.3	64.7	107%	90% - 110%							
Cu	7	6	81%	90% - 110%	150	147	98%	90% - 110%							
Fe	4.34	4.18	96%	90% - 110%	3.77	3.64	97%	90% - 110%							
Ga	35	38	108%	90% - 110%											
K	1.37	1.37	100%	90% - 110%											
La	58	55	94%	90% - 110%	44	44	101%	90% - 110%							
Li	37	40	107%	90% - 110%	47	48	103%	90% - 110%							
Mg	0.325	0.309	95%	90% - 110%	1.10	1.08	98%	90% - 110%							
Mn					780	786	101%	90% - 110%							
Mo					14	14	102%	90% - 110%							
Na	5.267	5.127	97%	90% - 110%	1.624	1.576	97%	90% - 110%							
Ni					32	35	109%	90% - 110%							
P					750	793	106%	90% - 110%							
Pb					31	30	96%	90% - 110%							
Sc	1.1	1.1	102%	90% - 110%	12	12	104%	90% - 110%							
Sr	1191	1132	95%	90% - 110%	144	141	98%	90% - 110%							
Ti	0.172	0.159	93%	90% - 110%	0.53	0.42	80%	90% - 110%							
V	8	8	96%	90% - 110%	77	82	107%	90% - 110%							
Y	119	121	102%	90% - 110%											
Zn	93	93	100%	90% - 110%	130	119	92%	90% - 110%							

**(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)**

Parameter	CRM #1 (GS2T)				CRM #2 (GS7H)										
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits							
Au	1.75	1.67	96%	90% - 110%	6.56	6.50	99%	90% - 110%							



## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00830  
 SAMPLING SITE:

AGAT WORK ORDER: 19B533940  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MW-200-12006	BUGBEE, E;A Textbook of Fire Assay	ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00829

AGAT WORK ORDER: 19B533946

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Nov 08, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19B533946

PROJECT: AGAT00829

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Oct 21, 2019      DATE RECEIVED: Oct 22, 2019      DATE REPORTED: Nov 08, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D71409 (640585)		3.28
D71410 (640586)		3
D71411 (640587)		3
D71412 (640588)		.68
D71413 (640589)		3.12
D71414 (640590)		2.98
D71415 (640591)		3.20
D71416 (640592)		3.47
D71417 (640593)		3.20
D71418 (640594)		3.20
D71419 (640595)		3.12
D71420 (640596)		3.02
D71421 (640597)		3.46
D71422 (640598)		3.20
D71423 (640599)		3.23
D71424 (640600)		3.11
D71425 (640601)		2.50
D71426 (640602)		.10
D71427 (640603)		3.11
D71428 (640604)		2.51
D71429 (640605)		2.05
D71430 (640606)		1.27
D71431 (640607)		.78
D71432 (640608)		.70
D71433 (640609)		1.62
D71434 (640610)		.84
D71435 (640611)		.76
D71436 (640612)		.99
D71437 (640613)		3.16
D71438 (640614)		3.16
D71439 (640615)		2.09

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19B533946

PROJECT: AGAT00829

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Oct 21, 2019

DATE RECEIVED: Oct 22, 2019

DATE REPORTED: Nov 08, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D71440 (640616)		1.98
D71441 (640617)		2.45
D71442 (640618)		2.84
D71443 (640619)		1.49
D71444 (640620)		.72
D71445 (640621)		.68
D71446 (640622)		.10
D71447 (640623)		1.69
D71448 (640624)		1.26
D71449 (640625)		2.05
D71450 (640626)		1.68
D72501 (640627)		1.17
D72502 (640628)		1.99
D72503 (640629)		1.88
D72504 (640630)		3.18
D72505 (640631)		.87
D72506 (640632)		.10
D72507 (640633)		1.30
D72508 (640634)		2.97
D72509 (640635)		.99
D72510 (640636)		3
D72511 (640637)		1.34
D72512 (640638)		.66
D72513 (640639)		3.13
D72514 (640640)		3.33
D72515 (640641)		3.30
D72516 (640642)		3.37
D72517 (640643)		1.31
D72518 (640644)		1.31
D72519 (640645)		1.74
D72520 (640646)		1.13

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19B533946

PROJECT: AGAT00829

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Oct 21, 2019      DATE RECEIVED: Oct 22, 2019      DATE REPORTED: Nov 08, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D72521 (640647)		3.37
D72522 (640648)		3.08
D72523 (640649)		2.58
D72524 (640650)		2.45
D72525 (640651)		3.28
D72526 (640652)		.10
D72527 (640653)		2.94
D72528 (640654)		2.81
D72529 (640655)		1.77
D72530 (640656)		2.12

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B533946

PROJECT: AGAT00829

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 21, 2019	DATE RECEIVED: Oct 22, 2019						DATE REPORTED: Nov 08, 2019					SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D71409 (640585)	<0.5	9.56	<1	153	1.0	<1	5.89	<0.5	24	25.2	23.6	57.1	6.20	20	
D71410 (640586)	<0.5	9.19	<1	135	0.6	<1	6.05	<0.5	24	25.9	19.2	57.4	6.21	20	
D71411 (640587)	<0.5	9.55	<1	100	<0.5	<1	6.33	<0.5	21	29.3	20.1	56.7	6.80	21	
D71412 (640588)	<0.5	0.07	<1	25	<0.5	<1	31.2	<0.5	<1	<0.5	1.7	<0.5	0.17	<5	
D71413 (640589)	<0.5	9.61	<1	91	<0.5	<1	6.54	<0.5	21	28.4	18.0	52.1	6.91	20	
D71414 (640590)	<0.5	9.22	<1	93	0.5	<1	6.22	<0.5	22	28.8	20.6	83.4	6.86	20	
D71415 (640591)	<0.5	9.43	<1	89	0.6	<1	6.52	<0.5	21	28.3	18.0	60.3	6.85	20	
D71416 (640592)	<0.5	9.38	<1	97	1.4	<1	6.58	<0.5	19	29.8	21.9	78.8	7.23	19	
D71417 (640593)	<0.5	9.49	<1	112	<0.5	<1	6.72	<0.5	20	29.4	26.9	65.2	7.08	20	
D71418 (640594)	<0.5	9.42	<1	105	<0.5	<1	6.54	<0.5	21	30.7	24.9	71.7	7.14	19	
D71419 (640595)	<0.5	9.57	<1	121	0.8	<1	6.51	<0.5	27	31.0	42.1	87.4	7.29	21	
D71420 (640596)	<0.5	9.74	<1	101	<0.5	<1	6.76	<0.5	20	31.5	29.0	92.7	7.71	20	
D71421 (640597)	<0.5	9.48	<1	155	0.7	<1	6.62	<0.5	38	32.4	60.3	61.3	6.86	19	
D71422 (640598)	<0.5	9.47	<1	154	1.1	<1	6.17	<0.5	21	25.3	20.2	18.6	6.21	19	
D71423 (640599)	<0.5	9.60	<1	120	0.9	<1	6.65	<0.5	27	29.6	33.4	64.7	6.98	19	
D71424 (640600)	<0.5	9.37	<1	205	2.0	<1	6.06	<0.5	31	31.5	97.1	74.5	6.90	22	
D71425 (640601)	<0.5	6.58	<1	74	1.0	<1	6.32	<0.5	15	34.2	489	10.5	6.94	14	
D71426 (640602)	<0.5	7.43	<1	193	0.6	<1	6.30	<0.5	23	37.3	147	104	7.91	16	
D71427 (640603)	<0.5	9.45	<1	338	1.0	<1	6.56	<0.5	31	34.2	78.2	37.8	6.57	21	
D71428 (640604)	<0.5	8.51	<1	283	1.6	<1	5.90	<0.5	16	22.6	18.6	20.7	5.14	17	
D71429 (640605)	<0.5	9.34	<1	434	1.0	<1	6.31	<0.5	18	29.4	18.7	37.0	6.09	19	
D71430 (640606)	<0.5	8.24	<1	445	7.1	<1	4.25	<0.5	15	19.8	21.2	15.9	5.44	20	
D71431 (640607)	<0.5	6.75	<1	335	3.7	<1	2.12	<0.5	36	7.2	43.2	44.2	1.65	19	
D71432 (640608)	<0.5	0.07	<1	21	<0.5	<1	30.0	<0.5	<1	0.5	1.7	<0.5	0.15	<5	
D71433 (640609)	<0.5	0.81	<1	23	1.3	<1	0.38	<0.5	13	0.7	20.6	4.1	0.70	<5	
D71434 (640610)	<0.5	9.48	1	466	5.8	<1	1.70	<0.5	19	<0.5	11.4	3.7	0.60	27	
D71435 (640611)	<0.5	6.38	1	384	4.4	<1	2.32	<0.5	17	0.8	17.5	7.5	1.03	16	
D71436 (640612)	<0.5	8.48	<1	383	1.2	<1	5.27	<0.5	28	24.2	69.9	31.2	5.66	18	
D71437 (640613)	<0.5	9.91	<1	516	3.3	<1	3.00	<0.5	41	13.7	40.8	14.4	3.85	29	
D71438 (640614)	<0.5	8.39	<1	384	1.2	<1	5.36	<0.5	30	25.1	62.0	25.9	5.56	18	
D71439 (640615)	<0.5	9.65	<1	312	0.9	<1	6.25	<0.5	13	28.1	20.3	14.1	6.55	19	
D71440 (640616)	<0.5	8.56	<1	456	1.7	<1	4.80	<0.5	30	17.3	21.1	4.8	4.43	19	

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19B533946

PROJECT: AGAT00829

5623 McADAM ROAD  
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 CANADA L4Z 1N9  
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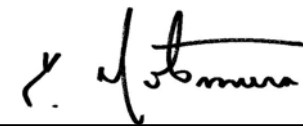
CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 21, 2019	DATE RECEIVED: Oct 22, 2019							DATE REPORTED: Nov 08, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D71441 (640617)	0.5	9.24	1	387	5.1	<1	3.29	<0.5	60	6.2	18.9	17.8	2.04	25	
D71442 (640618)	<0.5	8.86	<1	191	1.9	<1	4.84	<0.5	10	18.6	44.4	24.4	3.84	17	
D71443 (640619)	<0.5	9.25	<1	252	1.0	<1	4.56	<0.5	14	22.5	38.9	21.8	5.01	20	
D71444 (640620)	<0.5	8.52	2	116	2.0	<1	3.30	<0.5	3	3.9	16.6	41.4	0.82	16	
D71445 (640621)	<0.5	9.49	<1	348	1.8	<1	4.56	<0.5	13	25.7	18.8	68.4	6.68	22	
D71446 (640622)	<0.5	7.40	<1	150	<0.5	<1	6.81	<0.5	10	39.8	122	156	8.31	15	
D71447 (640623)	<0.5	7.51	<1	260	2.9	<1	3.02	<0.5	11	6.7	15.4	27.7	1.65	16	
D71448 (640624)	<0.5	9.66	<1	75	0.6	<1	6.62	<0.5	13	30.8	18.7	24.6	6.55	18	
D71449 (640625)	<0.5	9.50	<1	81	0.7	<1	6.50	<0.5	13	31.1	18.2	19.7	6.52	20	
D71450 (640626)	<0.5	6.58	3	177	4.1	<1	2.21	<0.5	36	4.3	14.3	28.3	1.20	17	
D72501 (640627)	0.5	6.93	1	146	1.8	<1	2.68	<0.5	29	4.7	15.5	30.7	1.19	14	
D72502 (640628)	<0.5	6.14	<1	1540	2.0	<1	8.50	<0.5	203	34.1	99.1	44.1	8.45	13	
D72503 (640629)	<0.5	9.95	<1	56	<0.5	<1	7.06	<0.5	11	32.1	20.3	35.0	6.88	19	
D72504 (640630)	<0.5	9.39	<1	123	1.0	<1	5.99	<0.5	12	27.8	19.7	17.7	6.18	19	
D72505 (640631)	<0.5	8.37	<1	475	2.9	<1	4.09	<0.5	21	16.7	21.7	53.1	3.80	17	
D72506 (640632)	<0.5	7.38	<1	189	0.5	<1	6.22	<0.5	22	36.2	137	101	7.79	16	
D72507 (640633)	<0.5	6.17	<1	649	2.6	<1	7.40	<0.5	106	43.2	181	76.1	7.87	15	
D72508 (640634)	<0.5	7.95	<1	369	2.0	<1	3.96	<0.5	23	15.0	14.9	57.2	3.74	16	
D72509 (640635)	<0.5	6.50	<1	235	0.9	<1	2.39	<0.5	19	5.0	13.7	66.3	1.29	13	
D72510 (640636)	<0.5	9.46	<1	144	0.9	<1	6.08	<0.5	18	26.9	20.4	29.4	6.06	19	
D72511 (640637)	<0.5	6.87	<1	267	0.7	<1	2.57	<0.5	25	5.0	10.4	55.5	1.45	14	
D72512 (640638)	<0.5	0.19	2	54	<0.5	<1	30.7	<0.5	<1	<0.5	2.3	<0.5	0.13	<5	
D72513 (640639)	<0.5	9.60	<1	152	<0.5	<1	6.25	<0.5	18	28.5	48.8	26.5	6.45	19	
D72514 (640640)	<0.5	9.74	<1	102	0.6	<1	6.71	<0.5	15	30.0	18.1	34.2	6.61	19	
D72515 (640641)	<0.5	10.1	<1	61	<0.5	<1	7.09	<0.5	12	32.8	26.5	52.7	6.99	20	
D72516 (640642)	<0.5	10.0	<1	68	<0.5	<1	6.71	<0.5	13	33.6	38.6	118	6.81	20	
D72517 (640643)	<0.5	8.87	<1	138	1.4	<1	4.99	<0.5	9	22.6	49.9	70.6	4.27	15	
D72518 (640644)	<0.5	9.03	<1	126	1.4	<1	5.01	<0.5	9	22.9	44.6	64.9	4.34	16	
D72519 (640645)	<0.5	10.0	<1	123	0.8	<1	6.87	<0.5	14	29.0	19.6	27.2	6.71	20	
D72520 (640646)	<0.5	9.36	<1	658	0.8	<1	3.50	<0.5	20	15.4	41.3	47.7	3.55	22	
D72521 (640647)	<0.5	9.57	<1	125	1.1	<1	6.89	<0.5	14	30.7	18.8	32.6	6.70	19	
D72522 (640648)	<0.5	9.24	<1	650	1.8	<1	4.89	<0.5	14	17.1	47.7	25.2	4.17	18	

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## Certificate of Analysis

AGAT WORK ORDER: 19B533946

PROJECT: AGAT00829

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 21, 2019	DATE RECEIVED: Oct 22, 2019							DATE REPORTED: Nov 08, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D72523 (640649)	<0.5	9.92	<1	97	1.1	<1	7.00	<0.5	13	30.9	18.2	29.2	6.68	19	
D72524 (640650)	<0.5	7.52	<1	452	1.0	<1	3.67	<0.5	72	22.7	38.2	50.5	5.06	16	
D72525 (640651)	<0.5	8.95	<1	990	1.3	<1	6.04	<0.5	18	27.7	23.4	35.8	6.46	18	
D72526 (640652)	<0.5	7.62	<1	195	0.5	<1	6.43	<0.5	23	39.9	144	104	8.04	17	
D72527 (640653)	<0.5	9.62	<1	326	1.0	<1	6.67	<0.5	13	28.4	17.9	34.1	6.58	20	
D72528 (640654)	<0.5	9.53	<1	92	0.8	<1	6.24	<0.5	17	26.8	16.5	40.6	5.87	18	
D72529 (640655)	<0.5	10.5	<1	241	0.5	<1	7.09	<0.5	9	28.9	18.9	2.3	6.30	20	
D72530 (640656)	<0.5	7.90	<1	103	<0.5	<1	7.02	<0.5	15	34.4	211	55.0	6.93	15	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 21, 2019	DATE RECEIVED: Oct 22, 2019					DATE REPORTED: Nov 08, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D71409 (640585)	<1	0.60	10	30	2.31	905	5.0	2.94	48.5	1200	<20	<50	0.08	<1	
D71410 (640586)	<1	0.38	10	28	2.38	898	2.9	2.66	49.4	1160	<20	<50	0.07	<1	
D71411 (640587)	<1	0.31	9	30	2.60	991	2.8	2.46	52.3	1170	<20	<50	0.06	<1	
D71412 (640588)	<1	0.01	<2	1	1.66	118	1.1	0.03	1.1	77	<20	<50	0.07	<1	
D71413 (640589)	<1	0.33	9	30	2.52	1020	2.9	2.49	50.5	1300	<20	<50	0.08	<1	
D71414 (640590)	<1	0.33	10	30	2.57	1000	3.2	2.46	52.4	1310	<20	<50	0.11	<1	
D71415 (640591)	<1	0.33	9	27	2.58	988	2.9	2.52	52.8	1340	<20	<50	0.07	<1	
D71416 (640592)	<1	0.58	8	28	2.69	1080	3.1	2.49	52.9	1280	<20	<50	0.08	<1	
D71417 (640593)	<1	0.32	8	25	2.68	1010	2.6	2.38	54.6	1330	<20	<50	0.09	<1	
D71418 (640594)	<1	0.32	9	25	2.70	1010	2.5	2.34	55.2	1380	<20	<50	0.09	<1	
D71419 (640595)	<1	0.45	12	33	2.84	1050	4.0	2.55	67.4	1290	<20	<50	0.12	<1	
D71420 (640596)	<1	0.35	8	24	2.80	1060	5.4	2.42	57.6	1440	<20	<50	0.09	<1	
D71421 (640597)	<1	0.42	17	30	3.38	1020	4.6	2.57	96.0	1220	<20	<50	0.07	<1	
D71422 (640598)	<1	0.53	9	29	2.47	927	4.2	2.73	50.5	984	<20	<50	0.05	<1	
D71423 (640599)	<1	0.57	12	23	2.79	1020	4.6	2.71	62.9	1460	<20	<50	0.09	<1	
D71424 (640600)	<1	1.04	14	29	3.14	1180	5.4	2.51	86.5	1640	<20	<50	0.09	<1	
D71425 (640601)	<1	0.66	3	22	5.19	1450	6.0	1.52	125	968	<20	<50	0.03	<1	
D71426 (640602)	<1	0.40	10	11	4.29	1360	2.2	2.36	106	880	<20	<50	0.10	<1	
D71427 (640603)	<1	0.92	15	22	3.52	1050	3.2	2.71	111	1140	<20	<50	0.06	<1	
D71428 (640604)	<1	3.66	6	17	1.99	840	2.0	2.79	51.4	642	<20	<50	0.02	<1	
D71429 (640605)	<1	1.02	8	17	2.57	920	3.0	2.96	61.2	705	<20	<50	0.05	<1	
D71430 (640606)	<1	1.92	6	26	2.01	777	3.1	3.17	41.8	1060	<20	<50	0.03	<1	
D71431 (640607)	<1	1.44	16	20	0.47	206	5.0	3.15	17.3	177	<20	<50	0.03	<1	
D71432 (640608)	<1	0.01	<2	1	1.80	99	1.3	0.03	0.8	71	<20	<50	0.09	<1	
D71433 (640609)	<1	0.36	5	<1	0.05	49	9.2	0.65	4.4	<10	<20	<50	<0.01	<1	
D71434 (640610)	<1	1.60	8	9	0.15	91	5.9	4.96	3.1	46	<20	<50	0.01	<1	
D71435 (640611)	<1	0.85	7	8	0.22	194	7.4	3.71	4.3	48	<20	<50	0.02	<1	
D71436 (640612)	<1	1.25	11	22	2.42	982	5.0	2.55	57.3	854	<20	<50	0.06	<1	
D71437 (640613)	<1	1.92	19	31	1.50	532	5.4	3.52	28.8	1170	<20	<50	0.04	<1	
D71438 (640614)	<1	1.23	12	21	2.38	971	4.6	2.53	56.7	866	<20	<50	0.06	<1	
D71439 (640615)	<1	0.89	5	17	2.75	1100	3.7	2.90	55.4	746	<20	<50	0.03	<1	
D71440 (640616)	<1	1.81	13	17	1.71	741	4.6	3.11	33.9	746	<20	<50	0.03	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B533946

PROJECT: AGAT00829

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FAX (905)501-0589  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 21, 2019	DATE RECEIVED: Oct 22, 2019					DATE REPORTED: Nov 08, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D71441 (640617)	<1	1.09	27	23	0.63	282	4.4	3.98	15.2	82	<20	<50	0.03	<1	
D71442 (640618)	<1	0.80	4	17	1.93	656	4.2	3.09	76.7	345	<20	<50	0.04	<1	
D71443 (640619)	<1	1.27	7	23	2.21	840	4.1	2.52	57.6	632	<20	<50	0.04	<1	
D71444 (640620)	<1	0.57	2	13	0.22	119	5.0	3.12	8.4	87	<20	<50	0.06	<1	
D71445 (640621)	<1	1.97	5	40	2.59	1190	3.4	2.42	53.4	998	<20	<50	0.10	<1	
D71446 (640622)	<1	0.19	4	13	4.40	1440	1.8	2.38	87.7	420	<20	<50	0.17	<1	
D71447 (640623)	<1	0.84	4	13	0.57	226	4.3	2.78	14.4	88	<20	<50	0.03	<1	
D71448 (640624)	<1	0.50	6	11	2.85	1020	2.8	2.62	63.4	665	<20	<50	0.04	<1	
D71449 (640625)	<1	0.64	6	13	2.82	1000	2.6	2.51	64.8	737	<20	<50	0.04	<1	
D71450 (640626)	<1	0.73	16	11	0.32	177	4.8	2.75	9.2	89	21	<50	0.05	<1	
D72501 (640627)	<1	0.63	14	7	0.39	145	5.1	2.50	7.2	55	<20	<50	0.03	<1	
D72502 (640628)	<1	2.90	93	15	4.16	1560	3.4	2.02	58.3	3200	<20	<50	0.14	<1	
D72503 (640629)	<1	0.44	5	16	3.10	1040	2.5	2.56	72.2	447	<20	<50	0.05	<1	
D72504 (640630)	<1	0.60	5	20	2.78	933	2.9	2.61	60.6	443	<20	<50	0.04	<1	
D72505 (640631)	<1	1.16	10	45	1.56	466	5.6	3.23	42.6	573	<20	<50	0.07	<1	
D72506 (640632)	<1	0.39	9	11	4.27	1340	2.0	2.33	103	838	<20	<50	0.10	<1	
D72507 (640633)	<1	1.33	51	24	6.21	1340	4.7	2.24	244	1610	<20	<50	0.11	<1	
D72508 (640634)	<1	1.02	11	18	1.41	554	4.0	2.92	30.9	482	<20	<50	0.08	<1	
D72509 (640635)	<1	0.63	10	6	0.39	131	4.5	2.58	9.3	179	<20	<50	0.06	<1	
D72510 (640636)	<1	0.74	8	17	2.51	904	4.4	2.68	53.7	673	<20	<50	0.05	<1	
D72511 (640637)	<1	0.60	13	12	0.46	134	3.9	2.54	9.3	161	<20	<50	0.08	<1	
D72512 (640638)	<1	0.06	<2	1	1.43	125	1.4	0.09	0.7	69	<20	<50	0.06	1	
D72513 (640639)	<1	0.51	8	21	2.96	978	4.7	2.62	75.4	911	<20	<50	0.06	<1	
D72514 (640640)	<1	0.37	7	18	2.77	986	3.0	2.70	60.1	944	<20	<50	0.05	<1	
D72515 (640641)	<1	0.24	5	18	3.04	1090	2.3	2.27	67.4	911	<20	<50	0.07	<1	
D72516 (640642)	<1	0.26	5	24	3.11	1080	3.3	2.51	72.2	909	<20	<50	0.15	<1	
D72517 (640643)	<1	0.33	4	31	2.30	820	2.5	2.88	85.9	572	<20	<50	0.14	<1	
D72518 (640644)	<1	0.33	5	30	2.32	822	2.7	2.90	83.4	579	<20	<50	0.13	<1	
D72519 (640645)	<1	0.40	6	26	2.93	1060	3.0	2.59	62.4	1020	<20	<50	0.06	<1	
D72520 (640646)	<1	1.33	9	27	1.65	388	2.7	3.18	39.2	687	<20	<50	0.07	<1	
D72521 (640647)	<1	1.14	5	24	2.92	1040	2.1	2.49	60.7	955	<20	<50	0.05	<1	
D72522 (640648)	<1	1.76	7	21	1.97	934	2.4	3.24	67.2	622	<20	<50	0.04	<1	

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AGAT WORK ORDER: 19B533946

PROJECT: AGAT00829

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 21, 2019	DATE RECEIVED: Oct 22, 2019					DATE REPORTED: Nov 08, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D72523 (640649)	<1	0.49	6	24	2.85	1010	2.5	2.76	60.5	900	<20	<50	0.05	<1	
D72524 (640650)	<1	3.51	30	12	1.81	1030	2.9	1.85	84.4	1250	<20	<50	0.07	<1	
D72525 (640651)	<1	1.64	8	27	2.73	956	3.5	2.66	59.3	1790	<20	<50	0.05	<1	
D72526 (640652)	<1	0.41	10	11	4.42	1400	2.5	2.38	112	936	<20	<50	0.10	<1	
D72527 (640653)	<1	0.59	6	25	2.72	999	3.0	2.82	55.4	1280	<20	<50	0.05	<1	
D72528 (640654)	<1	0.29	8	22	2.50	874	2.7	2.66	49.9	579	<20	<50	0.06	<1	
D72529 (640655)	<1	0.48	4	18	3.00	994	1.9	2.70	57.5	389	<20	<50	0.03	<1	
D72530 (640656)	<1	0.30	6	20	4.43	1150	4.1	1.81	103	1350	<20	<50	0.08	<1	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 21, 2019

DATE RECEIVED: Oct 22, 2019

DATE REPORTED: Nov 08, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D71409 (640585)	21	<10	6	376	<10	<10	<5	0.63	<5	<50	220	<1	14	78.5
D71410 (640586)	22	<10	<5	354	<10	<10	<5	0.62	<5	<50	227	<1	14	77.0
D71411 (640587)	24	<10	<5	316	<10	<10	<5	0.67	<5	<50	262	<1	15	80.8
D71412 (640588)	<1	<10	<5	78	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	2.4
D71413 (640589)	24	<10	<5	314	<10	<10	<5	0.66	<5	<50	243	<1	16	84.9
D71414 (640590)	24	<10	<5	313	<10	<10	<5	0.70	<5	<50	245	<1	16	79.7
D71415 (640591)	24	<10	<5	335	<10	<10	<5	0.72	<5	<50	250	<1	14	84.0
D71416 (640592)	26	<10	<5	322	<10	<10	<5	0.69	<5	<50	256	<1	16	89.9
D71417 (640593)	25	<10	<5	329	<10	<10	<5	0.70	<5	<50	255	<1	14	86.2
D71418 (640594)	25	<10	<5	318	<10	<10	<5	0.72	<5	<50	260	<1	15	85.3
D71419 (640595)	25	<10	<5	337	<10	<10	<5	0.67	<5	<50	252	<1	16	88.9
D71420 (640596)	26	<10	<5	297	<10	<10	<5	0.73	<5	<50	285	<1	16	81.2
D71421 (640597)	25	<10	<5	356	<10	<10	<5	0.62	<5	<50	253	<1	14	80.4
D71422 (640598)	24	<10	<5	325	<10	<10	<5	0.61	<5	<50	252	<1	19	74.0
D71423 (640599)	25	<10	<5	326	<10	<10	<5	0.74	<5	<50	262	<1	18	75.5
D71424 (640600)	28	<10	<5	286	<10	<10	<5	0.50	<5	<50	231	<1	26	85.7
D71425 (640601)	32	<10	<5	127	<10	<10	<5	0.30	<5	<50	129	<1	22	98.3
D71426 (640602)	35	<10	<5	254	<10	<10	<5	0.85	<5	<50	246	<1	22	89.2
D71427 (640603)	23	<10	<5	430	<10	<10	<5	0.79	<5	<50	248	<1	14	77.5
D71428 (640604)	26	<10	<5	236	<10	<10	<5	0.33	<5	<50	169	<1	12	66.3
D71429 (640605)	25	<10	<5	319	<10	<10	<5	0.54	<5	<50	251	<1	12	74.1
D71430 (640606)	29	<10	<5	267	<10	<10	<5	0.50	<5	<50	272	<1	12	77.9
D71431 (640607)	7	<10	<5	216	<10	<10	29	0.11	<5	<50	54.3	<1	8	33.5
D71432 (640608)	<1	<10	<5	78	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	2.1
D71433 (640609)	6	<10	<5	16	<10	<10	10	0.05	<5	<50	73.0	<1	2	4.8
D71434 (640610)	3	<10	<5	299	<10	<10	17	0.02	<5	<50	22.2	<1	5	7.7
D71435 (640611)	7	<10	<5	296	<10	<10	14	0.05	<5	<50	72.4	<1	6	13.3
D71436 (640612)	22	<10	<5	316	<10	<10	<5	0.43	<5	<50	193	<1	19	77.0
D71437 (640613)	12	<10	<5	334	<10	<10	23	0.31	<5	<50	119	<1	11	75.2
D71438 (640614)	22	<10	<5	320	<10	<10	<5	0.43	<5	<50	190	<1	20	76.8
D71439 (640615)	25	<10	<5	361	<10	<10	<5	0.64	<5	<50	253	<1	14	78.6
D71440 (640616)	18	<10	<5	330	<10	<10	<5	0.41	<5	<50	159	<1	18	68.0

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B533946

PROJECT: AGAT00829

5623 McADAM ROAD  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 21, 2019

DATE RECEIVED: Oct 22, 2019

DATE REPORTED: Nov 08, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D71441 (640617)	8	<10	<5	286	<10	<10	47	0.15	<5	<50	58.8	<1	11	47.6
D71442 (640618)	13	<10	<5	320	<10	<10	<5	0.18	<5	<50	74.2	<1	8	57.8
D71443 (640619)	18	<10	<5	269	<10	<10	<5	0.43	<5	<50	175	<1	8	74.6
D71444 (640620)	2	<10	<5	328	<10	<10	<5	0.06	<5	<50	19.5	<1	1	15.0
D71445 (640621)	24	<10	<5	212	<10	<10	<5	0.62	<5	<50	260	<1	14	115
D71446 (640622)	47	<10	<5	117	<10	<10	<5	0.68	<5	<50	316	<1	22	80.2
D71447 (640623)	4	<10	<5	253	<10	<10	<5	0.14	<5	<50	54.6	<1	2	27.4
D71448 (640624)	25	<10	<5	276	<10	<10	<5	0.58	<5	<50	288	<1	10	77.4
D71449 (640625)	24	<10	<5	243	<10	<10	<5	0.61	<5	<50	277	<1	10	79.2
D71450 (640626)	3	<10	<5	179	<10	<10	57	0.09	<5	<50	31.2	<1	4	29.1
D72501 (640627)	2	<10	<5	244	<10	<10	14	0.11	<5	<50	32.2	<1	2	20.1
D72502 (640628)	15	<10	<5	1490	<10	<10	<5	0.43	<5	<50	177	<1	29	111
D72503 (640629)	27	<10	<5	283	<10	<10	<5	0.58	<5	<50	351	<1	9	87.0
D72504 (640630)	23	<10	<5	281	<10	<10	<5	0.50	<5	<50	259	<1	11	76.6
D72505 (640631)	10	<10	<5	396	<10	<10	<5	0.50	<5	<50	154	<1	8	61.8
D72506 (640632)	34	<10	<5	249	<10	<10	<5	0.83	<5	<50	238	<1	22	86.5
D72507 (640633)	24	<10	<5	684	<10	<10	<5	1.00	<5	<50	254	<1	20	91.2
D72508 (640634)	15	<10	<5	283	<10	<10	<5	0.30	<5	<50	145	<1	6	56.8
D72509 (640635)	3	<10	<5	263	<10	<10	<5	0.11	<5	<50	38.7	<1	1	20.2
D72510 (640636)	24	<10	<5	269	<10	<10	<5	0.56	<5	<50	270	<1	9	74.4
D72511 (640637)	3	<10	<5	267	<10	<10	<5	0.13	<5	<50	37.2	<1	1	24.2
D72512 (640638)	<1	<10	<5	76	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	2.2
D72513 (640639)	23	<10	<5	265	<10	<10	<5	0.63	<5	<50	255	<1	11	78.7
D72514 (640640)	25	<10	<5	265	<10	<10	<5	0.67	<5	<50	289	<1	11	75.9
D72515 (640641)	26	<10	<5	274	<10	<10	<5	0.69	<5	<50	292	<1	10	79.3
D72516 (640642)	26	<10	<5	276	<10	<10	<5	0.63	<5	<50	249	<1	10	80.7
D72517 (640643)	15	<10	<5	273	<10	<10	<5	0.25	<5	<50	119	<1	6	70.5
D72518 (640644)	15	<10	<5	274	<10	<10	<5	0.26	<5	<50	122	<1	7	68.9
D72519 (640645)	25	<10	<5	304	<10	<10	<5	0.70	<5	<50	275	<1	11	85.4
D72520 (640646)	9	<10	<5	441	<10	<10	<5	0.36	<5	<50	80.2	<1	5	68.1
D72521 (640647)	29	<10	<5	271	<10	<10	<5	0.63	<5	<50	273	<1	12	84.5
D72522 (640648)	18	<10	<5	297	<10	<10	<5	0.20	<5	<50	101	<1	9	71.0

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B533946

PROJECT: AGAT00829

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 21, 2019		DATE RECEIVED: Oct 22, 2019					DATE REPORTED: Nov 08, 2019					SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sc ppm 1	Se ppm 10	Sn ppm 5	Sr ppm 1	Ta ppm 10	Te ppm 10	Th ppm 5	Ti % 0.01	Tl ppm 5	U ppm 50	V ppm 0.5	W ppm 1	Y ppm 1	Zn ppm 0.5
D72523 (640649)		26	<10	<5	276	<10	<10	<5	0.60	<5	<50	281	<1	13	82.0
D72524 (640650)		20	<10	<5	245	<10	<10	40	0.18	<5	<50	75.4	<1	9	75.6
D72525 (640651)		33	<10	<5	300	<10	<10	<5	0.62	<5	<50	269	<1	11	72.9
D72526 (640652)		36	<10	<5	255	<10	<10	<5	0.88	<5	<50	252	<1	22	90.0
D72527 (640653)		27	<10	<5	287	<10	<10	<5	0.70	<5	<50	268	<1	12	76.1
D72528 (640654)		23	<10	<5	269	<10	<10	<5	0.56	<5	<50	230	<1	11	68.1
D72529 (640655)		26	<10	<5	412	<10	<10	<5	0.51	<5	<50	229	<1	8	72.4
D72530 (640656)		31	<10	<5	400	<10	<10	<5	0.39	<5	<50	168	<1	14	85.3

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B533946

PROJECT: AGAT00829

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 21, 2019      DATE RECEIVED: Oct 22, 2019      DATE REPORTED: Nov 08, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D71409 (640585)				24
D71410 (640586)				24
D71411 (640587)				16
D71412 (640588)				<5
D71413 (640589)				19
D71414 (640590)				21
D71415 (640591)				18
D71416 (640592)				20
D71417 (640593)				14
D71418 (640594)				14
D71419 (640595)				25
D71420 (640596)				15
D71421 (640597)				32
D71422 (640598)				33
D71423 (640599)				32
D71424 (640600)				44
D71425 (640601)				38
D71426 (640602)				89
D71427 (640603)				50
D71428 (640604)				14
D71429 (640605)				21
D71430 (640606)				36
D71431 (640607)				105
D71432 (640608)				<5
D71433 (640609)				6
D71434 (640610)				<5
D71435 (640611)				27
D71436 (640612)				39
D71437 (640613)				78
D71438 (640614)				53
D71439 (640615)				20
D71440 (640616)				74

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B533946

PROJECT: AGAT00829

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 21, 2019      DATE RECEIVED: Oct 22, 2019      DATE REPORTED: Nov 08, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Concentration
	Zr	ppm	5	
D71441 (640617)				156
D71442 (640618)				47
D71443 (640619)				25
D71444 (640620)				14
D71445 (640621)				25
D71446 (640622)				47
D71447 (640623)				108
D71448 (640624)				17
D71449 (640625)				17
D71450 (640626)				66
D72501 (640627)				126
D72502 (640628)				101
D72503 (640629)				17
D72504 (640630)				24
D72505 (640631)				50
D72506 (640632)				87
D72507 (640633)				90
D72508 (640634)				41
D72509 (640635)				40
D72510 (640636)				15
D72511 (640637)				35
D72512 (640638)				<5
D72513 (640639)				23
D72514 (640640)				17
D72515 (640641)				11
D72516 (640642)				13
D72517 (640643)				13
D72518 (640644)				14
D72519 (640645)				14
D72520 (640646)				20
D72521 (640647)				16
D72522 (640648)				18

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19B533946

PROJECT: AGAT00829

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

**(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish**

DATE SAMPLED: Oct 21, 2019

DATE RECEIVED: Oct 22, 2019

DATE REPORTED: Nov 08, 2019

SAMPLE TYPE: Drill Core

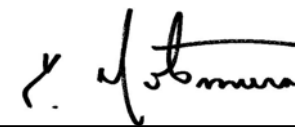
Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D72523 (640649)	21
D72524 (640650)	14
D72525 (640651)	20
D72526 (640652)	92
D72527 (640653)	19
D72528 (640654)	27
D72529 (640655)	15
D72530 (640656)	16

Comments: RDL - Reported Detection Limit

640585-640656 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19B533946

PROJECT: AGAT00829

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 21, 2019

DATE RECEIVED: Oct 22, 2019

DATE REPORTED: Nov 08, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D71409 (640585)			0.005
D71410 (640586)			0.004
D71411 (640587)			0.005
D71412 (640588)			0.002
D71413 (640589)			0.005
D71414 (640590)			0.005
D71415 (640591)			0.004
D71416 (640592)			0.004
D71417 (640593)			0.003
D71418 (640594)			0.004
D71419 (640595)			0.006
D71420 (640596)			0.005
D71421 (640597)			0.004
D71422 (640598)			0.003
D71423 (640599)			0.005
D71424 (640600)			0.004
D71425 (640601)			0.002
D71426 (640602)			0.33
D71427 (640603)			0.006
D71428 (640604)			0.004
D71429 (640605)			0.006
D71430 (640606)			0.003
D71431 (640607)			0.003
D71432 (640608)			0.001
D71433 (640609)			0.002
D71434 (640610)			0.001
D71435 (640611)			0.002
D71436 (640612)			0.003
D71437 (640613)			0.005
D71438 (640614)			0.006
D71439 (640615)			0.006
D71440 (640616)			0.003

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19B533946

PROJECT: AGAT00829

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 21, 2019

DATE RECEIVED: Oct 22, 2019

DATE REPORTED: Nov 08, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D71441 (640617)			0.005
D71442 (640618)			0.016
D71443 (640619)			0.007
D71444 (640620)			0.008
D71445 (640621)			0.014
D71446 (640622)			0.54
D71447 (640623)			0.005
D71448 (640624)			0.003
D71449 (640625)			0.004
D71450 (640626)			0.003
D72501 (640627)			0.003
D72502 (640628)			0.002
D72503 (640629)			0.004
D72504 (640630)			0.004
D72505 (640631)			0.005
D72506 (640632)			0.340
D72507 (640633)			0.003
D72508 (640634)			0.005
D72509 (640635)			0.007
D72510 (640636)			0.004
D72511 (640637)			0.004
D72512 (640638)			0.001
D72513 (640639)			0.004
D72514 (640640)			0.005
D72515 (640641)			0.006
D72516 (640642)			0.007
D72517 (640643)			0.004
D72518 (640644)			0.004
D72519 (640645)			0.004
D72520 (640646)			0.007
D72521 (640647)			0.004
D72522 (640648)			0.007

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19B533946

PROJECT: AGAT00829

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

**(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)**

DATE SAMPLED: Oct 21, 2019

DATE RECEIVED: Oct 22, 2019

DATE REPORTED: Nov 08, 2019

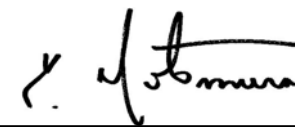
SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D72523 (640649)			0.007
D72524 (640650)			0.011
D72525 (640651)			0.055
D72526 (640652)			0.343
D72527 (640653)			0.017
D72528 (640654)			0.020
D72529 (640655)			0.029
D72530 (640656)			0.012

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:





# Certificate of Analysis

AGAT WORK ORDER: 19B533946

PROJECT: AGAT00829

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Crushing)

DATE SAMPLED: Oct 21, 2019	DATE RECEIVED: Oct 22, 2019	DATE REPORTED: Nov 08, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D71409 (640585)		91
D71427 (640603)		88
D71445 (640621)		89
D72505 (640631)		86
D72525 (640651)		83

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19B533946

PROJECT: AGAT00829

 5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Oct 21, 2019

DATE RECEIVED: Oct 22, 2019

DATE REPORTED: Nov 08, 2019

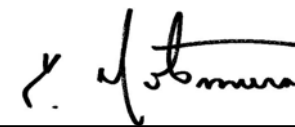
SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D71409 (640585)		93
D71434 (640610)		96
D72513 (640639)		95

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	640585	< 0.5	< 0.5	0.0%	640600	< 0.5	< 0.5	0.0%	640610	< 0.5	< 0.5	0.0%	640625	< 0.5	< 0.5	0.0%
Al	640585	9.56	9.25	3.3%	640600	9.37	9.35	0.2%	640610	9.48	9.17	3.3%	640625	9.50	9.62	1.3%
As	640585	< 1	< 1	0.0%	640600	< 1	< 1	0.0%	640610	1	1	0.0%	640625	< 1	< 1	0.0%
Ba	640585	153	144	6.1%	640600	205	209	1.9%	640610	466	381	20.1%	640625	81	80	1.2%
Be	640585	0.98	0.82	17.8%	640600	2.0	2.0	0.0%	640610	5.8	5.0	14.8%	640625	0.65	0.63	3.1%
Bi	640585	< 1	< 1	0.0%	640600	< 1	< 1	0.0%	640610	< 1	< 1	0.0%	640625	< 1	< 1	0.0%
Ca	640585	5.89	5.54	6.1%	640600	6.06	6.05	0.2%	640610	1.70	1.45	15.9%	640625	6.50	6.53	0.5%
Cd	640585	< 0.5	< 0.5	0.0%	640600	< 0.5	< 0.5	0.0%	640610	< 0.5	< 0.5	0.0%	640625	< 0.5	< 0.5	0.0%
Ce	640585	24	24	0.0%	640600	31	32	3.2%	640610	19	19	0.0%	640625	13	14	7.4%
Co	640585	25.2	25.7	2.0%	640600	31.5	30.2	4.2%	640610	< 0.5	0.7		640625	31.1	30.5	1.9%
Cr	640585	23.6	24.6	4.1%	640600	97.1	67.8		640610	11.4	12.1	6.0%	640625	18.2	17.5	3.9%
Cu	640585	57.1	52.1	9.2%	640600	74.5	69.5	6.9%	640610	3.7	3.1	17.6%	640625	19.7	19.4	1.5%
Fe	640585	6.20	5.97	3.8%	640600	6.90	6.83	1.0%	640610	0.603	0.680	12.0%	640625	6.52	6.57	0.8%
Ga	640585	20	20	0.0%	640600	22	21	4.7%	640610	27	28	3.6%	640625	20	19	5.1%
In	640585	< 1	< 1	0.0%	640600	< 1	< 1	0.0%	640610	< 1	< 1	0.0%	640625	< 1	< 1	0.0%
K	640585	0.598	0.582	2.7%	640600	1.04	1.04	0.0%	640610	1.60	1.79	11.2%	640625	0.64	0.64	0.0%
La	640585	10	10	0.0%	640600	14	14	0.0%	640610	8	9	11.8%	640625	6	6	0.0%
Li	640585	30	30	0.0%	640600	29	28	3.5%	640610	9	5		640625	13	13	0.0%
Mg	640585	2.31	2.24	3.1%	640600	3.14	3.15	0.3%	640610	0.151	0.142	6.1%	640625	2.82	2.84	0.7%
Mn	640585	905	874	3.5%	640600	1180	1200	1.7%	640610	91	87	4.5%	640625	1000	1010	1.0%
Mo	640585	5.02	4.44	12.3%	640600	5.4	4.9	9.7%	640610	5.9	5.8	1.7%	640625	2.59	2.66	2.7%
Na	640585	2.94	2.79	5.2%	640600	2.51	2.46	2.0%	640610	4.96	4.79	3.5%	640625	2.51	2.53	0.8%
Ni	640585	48.5	46.9	3.4%	640600	86.5	69.0	22.5%	640610	3.12	3.61	14.6%	640625	64.8	63.5	2.0%
P	640585	1200	1230	2.5%	640600	1640	1580	3.7%	640610	46	40	14.0%	640625	737	746	1.2%
Pb	640585	< 20	< 20	0.0%	640600	< 20	< 20	0.0%	640610	< 20	< 20	0.0%	640625	< 20	< 20	0.0%
Rb	640585	< 50	< 50	0.0%	640600	< 50	< 50	0.0%	640610	< 50	< 50	0.0%	640625	< 50	< 50	0.0%
S	640585	0.076	0.059	25.2%	640600	0.095	0.098	3.1%	640610	0.013	0.015	14.3%	640625	0.04	0.04	0.0%
Sb	640585	< 1	< 1	0.0%	640600	< 1	< 1	0.0%	640610	< 1	< 1	0.0%	640625	< 1	< 1	0.0%
Sc	640585	21	21	0.0%	640600	28	28	0.0%	640610	3	3	0.0%	640625	24	25	4.1%
Se	640585	< 10	< 10	0.0%	640600	< 10	< 10	0.0%	640610	< 10	< 10	0.0%	640625	< 10	< 10	0.0%
Sn	640585	6	< 5		640600	< 5	< 5	0.0%	640610	< 5	< 5	0.0%	640625	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	640585	376	356	5.5%	640600	286	284	0.7%	640610	299	261	13.6%	640625	243	245	0.8%
Ta	640585	< 10	< 10	0.0%	640600	< 10	< 10	0.0%	640610	< 10	< 10	0.0%	640625	< 10	< 10	0.0%
Te	640585	< 10	< 10	0.0%	640600	< 10	< 10	0.0%	640610	< 10	< 10	0.0%	640625	< 10	< 10	0.0%
Th	640585	< 5	< 5	0.0%	640600	< 5	< 5	0.0%	640610	17	18	5.7%	640625	< 5	< 5	0.0%
Ti	640585	0.631	0.604	4.4%	640600	0.50	0.50	0.0%	640610	0.02	0.03		640625	0.612	0.615	0.5%
Tl	640585	< 5	< 5	0.0%	640600	< 5	< 5	0.0%	640610	< 5	< 5	0.0%	640625	< 5	< 5	0.0%
U	640585	< 50	< 50	0.0%	640600	< 50	< 50	0.0%	640610	< 50	< 50	0.0%	640625	< 50	< 50	0.0%
V	640585	220	220	0.0%	640600	231	233	0.9%	640610	22.2	24.6	10.3%	640625	277	276	0.4%
W	640585	< 1	< 1	0.0%	640600	< 1	< 1	0.0%	640610	< 1	< 1	0.0%	640625	< 1	< 1	0.0%
Y	640585	14	14	0.0%	640600	26	26	0.0%	640610	5	4	22.2%	640625	10	10	0.0%
Zn	640585	78.5	71.8	8.9%	640600	85.7	89.6	4.4%	640610	7.67	6.32	19.3%	640625	79.2	77.8	1.8%
Zr	640585	24	27	11.8%	640600	44	33	28.6%	640610	< 5	7		640625	17	15	12.5%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	640635	< 0.5	< 0.5	0.0%	640650	< 0.5	< 0.5	0.0%								
Al	640635	6.50	6.59	1.4%	640650	7.52	7.39	1.7%								
As	640635	< 1	2		640650	< 1	< 1	0.0%								
Ba	640635	235	234	0.4%	640650	452	443	2.0%								
Be	640635	0.89	0.84	5.8%	640650	1.0	1.0	0.0%								
Bi	640635	< 1	< 1	0.0%	640650	< 1	< 1	0.0%								
Ca	640635	2.39	2.38	0.4%	640650	3.67	3.68	0.3%								
Cd	640635	< 0.5	< 0.5	0.0%	640650	< 0.5	< 0.5	0.0%								
Ce	640635	19	19	0.0%	640650	72	72	0.0%								
Co	640635	5.0	5.0	0.0%	640650	22.7	21.6	5.0%								
Cr	640635	13.7	13.0	5.2%	640650	38.2	44.3	14.8%								
Cu	640635	66.3	62.1	6.5%	640650	50.5	49.8	1.4%								
Fe	640635	1.29	1.32	2.3%	640650	5.06	4.98	1.6%								
Ga	640635	13	14	7.4%	640650	16	16	0.0%								
In	640635	< 1	< 1	0.0%	640650	< 1	< 1	0.0%								
K	640635	0.63	0.63	0.0%	640650	3.51	4.30	20.2%								
La	640635	10	9	10.5%	640650	30	30	0.0%								
Li	640635	6	6	0.0%	640650	12	12	0.0%								
Mg	640635	0.393	0.398	1.3%	640650	1.81	1.78	1.7%								
Mn	640635	131	130	0.8%	640650	1030	1030	0.0%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	640635	4.5	4.6	2.2%	640650	2.88	2.69	6.8%								
Na	640635	2.58	2.60	0.8%	640650	1.85	1.82	1.6%								
Ni	640635	9.30	9.23	0.8%	640650	84.4	82.8	1.9%								
P	640635	179	177	1.1%	640650	1250	1260	0.8%								
Pb	640635	< 20	< 20	0.0%	640650	< 20	< 20	0.0%								
Rb	640635	< 50	< 50	0.0%	640650	< 50	< 50	0.0%								
S	640635	0.06	0.06	0.0%	640650	0.07	0.07	0.0%								
Sb	640635	< 1	< 1	0.0%	640650	< 1	< 1	0.0%								
Sc	640635	3	3	0.0%	640650	20	20	0.0%								
Se	640635	< 10	< 10	0.0%	640650	< 10	< 10	0.0%								
Sn	640635	< 5	< 5	0.0%	640650	< 5	< 5	0.0%								
Sr	640635	263	266	1.1%	640650	245	244	0.4%								
Ta	640635	< 10	< 10	0.0%	640650	< 10	< 10	0.0%								
Te	640635	< 10	< 10	0.0%	640650	< 10	< 10	0.0%								
Th	640635	< 5	< 5	0.0%	640650	40	39	2.5%								
Ti	640635	0.113	0.116	2.6%	640650	0.18	0.19	5.4%								
Tl	640635	< 5	< 5	0.0%	640650	< 5	< 5	0.0%								
U	640635	< 50	< 50	0.0%	640650	< 50	< 50	0.0%								
V	640635	38.7	39.4	1.8%	640650	75.4	75.2	0.3%								
W	640635	< 1	< 1	0.0%	640650	< 1	< 1	0.0%								
Y	640635	1	1	0.0%	640650	9	9	0.0%								
Zn	640635	20.2	20.5	1.5%	640650	75.6	74.7	1.2%								
Zr	640635	40	47	16.1%	640650	14	14	0.0%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	640585	0.005	0.004	22.2%	640600	0.004	0.005	5.9%	640610	0.001	0.002	34%	640625	0.004	0.004	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	640635	0.007	0.006	2.3%	640650	0.011	0.012	1.6%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	11.27	103%	90% - 110%	8.17	8.44	103%	90% - 110%	6.96	6.98	100%	90% - 110%	4.75	4.96	104%	90% - 110%
As					26	24	90%	90% - 110%	124	133	107%	90% - 110%				
Ba	340	349	103%	90% - 110%	540	533	99%	90% - 110%	186	182	98%	90% - 110%	216	217	100%	90% - 110%
Be	2.6	2.9	112%	90% - 110%	4.0	3.5	89%	90% - 110%								
Ca	5.72	5.62	98%	90% - 110%	0.907	0.884	98%	90% - 110%	4.01	3.82	95%	90% - 110%	10	9	94%	90% - 110%
Ce	122	130	107%	90% - 110%	98	107	109%	90% - 110%	24	25	104%	90% - 110%				
Co									22.1	20.9	94%	90% - 110%	191	178	93%	90% - 110%
Cr					60.3	64.6	107%	90% - 110%					670	539	81%	90% - 110%
Cu					150	157	105%	90% - 110%	88.6	83	94%	90% - 110%	7120	7312	103%	90% - 110%
Fe	4.34	4.29	99%	90% - 110%	3.77	3.78	100%	90% - 110%	7.56	7.47	99%	90% - 110%	12.71	12.44	98%	90% - 110%
Ga	35	33	95%	90% - 110%												
K	1.37	1.33	97%	90% - 110%					2.021	1.898	94%	90% - 110%	0.1021	0.102	100%	90% - 110%
La	58	59	102%	90% - 110%	44	43	98%	90% - 110%					8.47	8.74	103%	90% - 110%
Li	37	40	109%	90% - 110%	47	48	103%	90% - 110%								
Mg	0.325	0.312	96%	90% - 110%	1.10	1.08	98%	90% - 110%	2.412	2.394	99%	90% - 110%	7.41	7.56	102%	90% - 110%
Mn					780	785	101%	90% - 110%	1510	1464	97%	90% - 110%				
Mo					14	15	105%	90% - 110%								
Na	5.267	5.665	108%	90% - 110%	1.624	1.746	108%	90% - 110%	0.617	0.66	107%	90% - 110%	0.112	0.121	108%	90% - 110%
Ni					32	33	102%	90% - 110%	77.1	73.8	96%	90% - 110%	2480	2274	92%	90% - 110%
P					750	759	101%	90% - 110%	892	897	101%	90% - 110%	731	747	102%	90% - 110%
Pb					31	28	91%	90% - 110%								
S									0.348	0.333	96%	90% - 110%				
Sc	1.1	1.1	100%	90% - 110%	12	13	108%	90% - 110%					21.33	22.53	106%	90% - 110%
Sr	1191	1247	105%	90% - 110%	144	155	108%	90% - 110%	92.8	91.9	99%	90% - 110%	39	40	102%	90% - 110%
Ti	0.172	0.171	99%	90% - 110%	0.53	0.48	91%	90% - 110%					0.419	0.417	99%	90% - 110%
V	8	7	91%	90% - 110%	77	81	105%	90% - 110%					158	174	110%	90% - 110%
Y	119	128	108%	90% - 110%									12.67	13.6	107%	90% - 110%
Zn	93	96	103%	90% - 110%	130	125	96%	90% - 110%	208	203	98%	90% - 110%	112	106	95%	90% - 110%
Zr													35.7	38.8	109%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



**AGAT** Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 19B533946

PROJECT: AGAT00829

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (GS2T)				CRM #2 (GS7H)				CRM #3 (GS1W)				CRM #4 (WW03)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	1.75	1.60	92%	90% - 110%	6.56	6.88	105%	90% - 110%	1.063	1.05	99%	90% - 110%	2.01	2.08	104%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00829  
 SAMPLING SITE:

AGAT WORK ORDER: 19B533946  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MW-200-12006	BUGBEE, E;A Textbook of Fire Assay	ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00534

AGAT WORK ORDER: 19T441546

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Mar 14, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

# Certificate of Analysis

AGAT WORK ORDER: 19T441546

PROJECT: AGAT00534

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (200-) Sample Login Weight

DATE SAMPLED: Feb 26, 2019

DATE RECEIVED: Feb 27, 2019

DATE REPORTED: Mar 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D59451 (9930580)		2.02
D59452 (9930581)		1.45
D59453 (9930582)		0.760
D59454 (9930583)		1.30
D59455 (9930584)		1.47
D59456 (9930585)		1.33
D59457 (9930586)		1.02
D59458 (9930587)		1.02
D59459 (9930588)		0.950
D59460 (9930589)		0.810
D59461 (9930590)		1.32
D59462 (9930591)		1.42
D59463 (9930592)		2.02
D59464 (9930593)		1.10
D59465 (9930594)		1.33
D59466 (9930595)		0.0700
D59467 (9930596)		1.33
D59468 (9930597)		1.94
D59469 (9930598)		1.92
D59470 (9930599)		1.44
D59471 (9930600)		2.35
D59472 (9930601)		1.60
D59473 (9930602)		1.27
D59474 (9930603)		2.43
D59475 (9930604)		2.02
D59476 (9930605)		1.49
D59477 (9930606)		2.04
D59478 (9930607)		2.04
D59479 (9930608)		1.22
D59480 (9930609)		0.800
D59481 (9930610)		0.840

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T441546

PROJECT: AGAT00534

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Feb 26, 2019      DATE RECEIVED: Feb 27, 2019      DATE REPORTED: Mar 14, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D59482 (9930611)		2.58
D59483 (9930612)		2.24
D59484 (9930613)		1.36
D59485 (9930614)		2.26
D59486 (9930615)		0.0700
D59487 (9930616)		1.65
D59488 (9930617)		1.28
D59489 (9930618)		0.680
D59490 (9930619)		1.24
D59491 (9930620)		1.51
D59492 (9930621)		1.26
D59493 (9930622)		0.770
D59494 (9930623)		1.44
D59495 (9930624)		0.970
D59496 (9930625)		0.700
D59497 (9930626)		1.19
D59498 (9930627)		1.19
D59499 (9930628)		2.14
D59500 (9930629)		2.09
D59501 (9930630)		1.79
D59502 (9930631)		1.03
D59503 (9930632)		1.21
D59504 (9930633)		1.07
D59505 (9930634)		2.04
D59506 (9930635)		0.0700
D59507 (9930636)		2.43
D59508 (9930637)		2.15
D59509 (9930638)		0.870
D59510 (9930639)		0.620
D59511 (9930640)		2.81
D59512 (9930641)		1.18

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T441546

PROJECT: AGAT00534

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Feb 26, 2019      DATE RECEIVED: Feb 27, 2019      DATE REPORTED: Mar 14, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D59513 (9930642)		2.01
D59514 (9930643)		2.31
D59515 (9930644)		2.17
D59516 (9930645)		2.25
D59517 (9930646)		2.16
D59518 (9930647)		2.15
D59519 (9930648)		2.42
D59520 (9930649)		2.18
D59521 (9930650)		2.34
D59522 (9930651)		1.71

Comments: RDL - Reported Detection Limit

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T441546

PROJECT: AGAT00534

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Feb 26, 2019	DATE RECEIVED: Feb 27, 2019							DATE REPORTED: Mar 14, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D59451 (9930580)	<0.5	7.87	17	939	1.5	<1	1.17	<0.5	31	19.2	42.9	78.0	3.68	29	
D59452 (9930581)	<0.5	0.06	4	16	<0.5	<1	34.6	<0.5	<1	0.6	1.7	<0.5	0.10	10	
D59453 (9930582)	<0.5	8.55	17	843	1.7	<1	1.36	<0.5	54	28.9	67.0	107	4.25	33	
D59454 (9930583)	<0.5	8.08	33	709	1.4	<1	1.43	0.7	45	35.4	47.5	100	4.50	28	
D59455 (9930584)	<0.5	8.37	12	796	1.9	<1	1.62	<0.5	58	20.5	36.1	67.4	3.09	29	
D59456 (9930585)	<0.5	8.26	8	960	2.6	<1	2.52	<0.5	50	9.3	33.6	17.1	2.23	28	
D59457 (9930586)	<0.5	3.32	5	374	6.7	<1	7.80	<0.5	108	52.5	426	105	7.88	39	
D59458 (9930587)	<0.5	3.28	5	374	6.6	<1	7.91	<0.5	108	53.6	415	103	7.84	40	
D59459 (9930588)	<0.5	6.84	13	508	2.2	<1	2.32	<0.5	58	12.1	31.2	34.6	2.01	26	
D59460 (9930589)	<0.5	7.93	11	1110	1.5	<1	1.51	<0.5	48	28.8	25.7	75.0	2.98	27	
D59461 (9930590)	<0.5	7.60	26	909	1.5	<1	1.51	<0.5	48	29.5	24.6	105	3.82	28	
D59462 (9930591)	<0.5	7.35	4	694	1.6	1	1.68	<0.5	38	8.4	13.5	34.8	1.86	23	
D59463 (9930592)	<0.5	7.60	3	564	1.9	<1	2.00	<0.5	57	10.2	14.9	34.4	2.04	25	
D59464 (9930593)	<0.5	8.48	4	1320	1.8	<1	1.54	<0.5	22	32.0	74.2	128	5.71	34	
D59465 (9930594)	<0.5	4.68	5	545	1.0	<1	1.09	<0.5	15	9.0	24.5	30.4	1.77	13	
D59466 (9930595)	<0.5	7.23	<1	191	1.8	<1	6.44	<0.5	17	38.1	162	107	7.62	35	
D59467 (9930596)	<0.5	6.60	6	1340	1.0	<1	1.01	<0.5	23	5.1	11.9	28.7	1.31	16	
D59468 (9930597)	<0.5	7.96	9	758	1.8	<1	1.72	<0.5	73	16.8	25.7	63.0	2.74	27	
D59469 (9930598)	0.7	7.89	11	697	1.6	<1	2.09	<0.5	62	19.6	27.3	61.0	2.66	25	
D59470 (9930599)	<0.5	7.67	14	556	1.6	<1	2.02	<0.5	57	17.8	37.1	76.3	2.76	24	
D59471 (9930600)	<0.5	8.69	6	901	2.0	<1	2.55	<0.5	48	24.8	52.5	111	4.17	32	
D59472 (9930601)	<0.5	0.06	2	28	<0.5	<1	32.7	<0.5	<1	0.8	1.9	<0.5	0.11	12	
D59473 (9930602)	<0.5	8.88	6	793	1.9	<1	2.66	<0.5	32	19.7	38.9	110	4.01	31	
D59474 (9930603)	<0.5	8.76	7	495	2.1	<1	2.51	<0.5	52	25.3	51.1	92.8	3.72	30	
D59475 (9930604)	<0.5	8.87	12	801	3.3	<1	2.90	<0.5	47	24.0	50.9	85.4	3.38	31	
D59476 (9930605)	<0.5	2.58	19	427	8.1	<1	8.16	<0.5	88	56.7	406	81.1	7.76	37	
D59477 (9930606)	<0.5	6.89	33	482	1.5	<1	2.88	<0.5	58	34.3	60.0	94.5	4.33	33	
D59478 (9930607)	<0.5	7.11	29	509	1.5	<1	2.83	<0.5	50	33.8	58.5	104	4.15	35	
D59479 (9930608)	<0.5	2.49	2	80	2.5	<1	9.17	<0.5	84	49.8	250	88.4	6.70	34	
D59480 (9930609)	<0.5	4.15	25	158	2.3	<1	8.15	<0.5	77	41.7	167	105	6.15	35	
D59481 (9930610)	<0.5	2.66	<1	515	4.4	<1	9.00	<0.5	103	44.7	314	90.1	7.25	32	
D59482 (9930611)	<0.5	7.97	12	656	1.8	<1	2.38	<0.5	57	17.8	27.4	60.6	2.37	25	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T441546

PROJECT: AGAT00534

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Feb 26, 2019	DATE RECEIVED: Feb 27, 2019							DATE REPORTED: Mar 14, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D59483 (9930612)	<0.5	8.11	19	1090	1.5	<1	2.89	<0.5	57	21.8	42.3	96.1	3.66	26	
D59484 (9930613)	<0.5	8.48	19	1500	2.0	<1	3.27	<0.5	94	13.1	38.1	16.6	3.54	33	
D59485 (9930614)	<0.5	8.33	9	1380	2.1	<1	3.04	<0.5	94	13.7	36.0	19.8	3.53	33	
D59486 (9930615)	<0.5	7.38	<1	196	1.7	1	6.54	<0.5	18	40.9	163	112	7.82	34	
D59487 (9930616)	<0.5	8.59	6	1200	1.8	<1	3.36	<0.5	90	13.7	42.5	19.1	3.79	31	
D59488 (9930617)	<0.5	8.21	6	1110	2.2	<1	3.46	<0.5	89	13.2	36.0	19.0	3.44	31	
D59489 (9930618)	<0.5	7.84	3	1750	0.9	<1	0.97	<0.5	27	1.2	8.4	12.6	0.97	17	
D59490 (9930619)	<0.5	8.31	<1	1180	2.1	<1	3.30	<0.5	92	13.3	38.7	10.5	3.46	32	
D59491 (9930620)	<0.5	7.63	3	963	1.9	<1	2.87	<0.5	62	17.3	44.7	51.7	3.18	29	
D59492 (9930621)	<0.5	0.32	1	49	<0.5	<1	31.2	<0.5	<1	1.7	2.4	<0.5	0.37	14	
D59493 (9930622)	<0.5	7.32	<1	592	1.6	<1	4.90	<0.5	7	51.2	200	238	10.2	35	
D59494 (9930623)	<0.5	7.54	<1	820	2.1	<1	2.11	<0.5	40	6.1	22.7	19.1	2.15	27	
D59495 (9930624)	<0.5	8.01	2	1090	1.9	<1	1.58	<0.5	63	2.7	13.8	12.7	1.46	23	
D59496 (9930625)	<0.5	8.33	5	1300	1.5	<1	1.35	<0.5	128	1.8	9.8	12.7	1.35	23	
D59497 (9930626)	<0.5	7.90	6	749	2.0	<1	1.83	<0.5	35	9.0	16.6	42.5	2.16	24	
D59498 (9930627)	<0.5	7.94	2	758	2.1	<1	1.86	<0.5	36	8.9	17.6	39.1	2.18	24	
D59499 (9930628)	<0.5	7.76	2	803	1.9	<1	1.84	<0.5	38	9.7	22.8	29.6	2.42	26	
D59500 (9930629)	<0.5	7.85	5	1050	2.0	<1	3.18	<0.5	82	13.6	36.6	20.6	3.33	28	
D59501 (9930630)	<0.5	8.12	1	991	2.2	<1	3.27	<0.5	95	14.1	44.6	10.4	3.61	35	
D59502 (9930631)	<0.5	7.94	2	1040	2.0	<1	3.52	<0.5	92	13.7	38.6	6.1	3.59	32	
D59503 (9930632)	<0.5	8.15	3	999	1.9	<1	2.54	<0.5	138	7.3	22.3	6.7	2.55	26	
D59504 (9930633)	<0.5	7.45	7	907	1.5	<1	1.35	<0.5	135	3.6	13.6	17.8	1.51	22	
D59505 (9930634)	<0.5	7.90	3	757	2.1	<1	1.71	<0.5	47	9.0	20.0	25.1	2.21	26	
D59506 (9930635)	<0.5	7.48	<1	198	1.7	<1	6.53	<0.5	18	40.9	165	109	7.85	37	
D59507 (9930636)	<0.5	7.68	4	1000	2.2	<1	2.18	<0.5	47	7.9	30.4	33.8	2.37	28	
D59508 (9930637)	<0.5	7.18	7	913	1.8	<1	1.89	<0.5	41	11.9	15.5	23.4	2.06	24	
D59509 (9930638)	<0.5	6.86	9	946	2.1	<1	1.88	<0.5	46	10.7	18.3	21.9	2.26	28	
D59510 (9930639)	<0.5	2.67	2	643	7.5	<1	10.3	<0.5	237	47.4	417	134	8.97	45	
D59511 (9930640)	<0.5	7.47	3	960	2.1	<1	2.14	<0.5	43	8.1	15.3	26.2	2.09	27	
D59512 (9930641)	<0.5	0.08	<1	20	<0.5	<1	32.3	<0.5	<1	0.8	1.4	<0.5	0.10	12	
D59513 (9930642)	<0.5	7.70	2	779	1.9	<1	2.11	<0.5	43	4.6	19.5	4.1	1.94	26	
D59514 (9930643)	<0.5	7.79	4	735	2.0	<1	2.16	<0.5	37	5.7	20.2	12.1	2.05	26	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T441546

PROJECT: AGAT00534

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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TEL (905)501-9998  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Feb 26, 2019	DATE RECEIVED: Feb 27, 2019				DATE REPORTED: Mar 14, 2019				SAMPLE TYPE: Drill Core					
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5
D59515 (9930644)	<0.5	7.17	2	806	1.8	<1	2.40	<0.5	70	11.4	24.2	32.0	2.46	25
D59516 (9930645)	<0.5	7.72	3	876	1.9	<1	1.99	<0.5	44	5.4	16.5	29.4	2.11	27
D59517 (9930646)	<0.5	7.15	7	948	2.0	<1	1.84	<0.5	116	9.6	21.1	31.1	2.22	26
D59518 (9930647)	<0.5	7.21	5	949	2.1	<1	1.84	<0.5	118	8.6	17.4	31.1	2.16	28
D59519 (9930648)	<0.5	7.79	<1	862	2.1	<1	1.84	<0.5	45	5.1	14.0	13.6	1.81	26
D59520 (9930649)	<0.5	7.69	6	828	2.3	<1	1.85	<0.5	47	9.8	15.1	20.0	1.94	27
D59521 (9930650)	<0.5	7.90	<1	973	2.1	<1	1.78	<0.5	39	5.3	16.5	21.5	1.90	26
D59522 (9930651)	<0.5	7.76	3	991	2.2	<1	1.80	<0.5	42	6.0	15.4	24.0	1.81	27

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T441546

PROJECT: AGAT00534

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Feb 26, 2019	DATE RECEIVED: Feb 27, 2019					DATE REPORTED: Mar 14, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D59451 (9930580)	<1	2.51	14	28	1.00	436	1.4	2.54	44.9	413	<20	<50	1.17	2	
D59452 (9930581)	<1	0.02	2	<1	1.42	41	<0.5	0.03	<0.5	75	<20	<50	<0.01	<1	
D59453 (9930582)	<1	2.80	24	33	0.98	462	1.0	3.20	71.5	716	<20	<50	1.91	<1	
D59454 (9930583)	<1	3.12	21	21	0.86	514	1.0	3.19	73.1	523	<20	<50	1.68	1	
D59455 (9930584)	<1	3.83	26	21	0.89	460	3.3	2.96	66.4	536	<20	<50	0.85	<1	
D59456 (9930585)	<1	2.44	22	24	1.21	505	1.1	3.19	36.4	857	<20	<50	0.20	<1	
D59457 (9930586)	<1	2.62	52	40	7.42	1420	2.4	1.81	317	1360	<20	<50	0.22	<1	
D59458 (9930587)	<1	2.60	53	39	7.44	1410	2.4	1.81	321	1340	<20	<50	0.20	<1	
D59459 (9930588)	<1	3.03	26	38	1.07	395	4.1	3.42	36.2	464	22	<50	0.37	<1	
D59460 (9930589)	<1	4.85	23	23	0.66	358	4.3	2.41	82.1	796	<20	<50	1.05	<1	
D59461 (9930590)	<1	3.68	22	21	0.89	437	6.7	2.45	91.2	383	<20	<50	1.11	<1	
D59462 (9930591)	<1	2.73	18	10	0.60	274	6.6	2.77	19.3	373	<20	<50	0.35	<1	
D59463 (9930592)	<1	2.06	26	14	0.62	261	2.6	3.37	26.1	273	<20	<50	0.40	<1	
D59464 (9930593)	<1	3.84	11	25	0.88	382	9.2	2.89	75.6	94	23	<50	1.37	2	
D59465 (9930594)	<1	1.63	7	6	0.28	170	2.8	2.07	26.1	71	<20	<50	0.62	<1	
D59466 (9930595)	<1	0.43	9	10	4.22	1330	<0.5	2.24	109	907	<20	<50	0.08	<1	
D59467 (9930596)	<1	3.65	11	6	0.24	120	5.0	2.53	18.0	177	<20	<50	0.46	2	
D59468 (9930597)	<1	3.11	34	15	0.79	263	3.8	2.93	59.0	721	22	<50	0.77	<1	
D59469 (9930598)	<1	2.96	28	14	0.89	377	2.9	3.48	65.6	916	25	<50	0.81	<1	
D59470 (9930599)	<1	2.68	26	23	0.77	334	4.4	3.38	59.5	766	<20	<50	1.20	<1	
D59471 (9930600)	<1	2.57	22	20	0.96	403	1.8	3.05	56.6	618	<20	<50	1.41	3	
D59472 (9930601)	<1	0.01	2	<1	2.44	59	0.5	0.04	<0.5	83	<20	<50	<0.01	<1	
D59473 (9930602)	<1	2.11	13	18	1.00	478	1.6	3.28	48.6	519	<20	<50	1.08	2	
D59474 (9930603)	<1	2.19	23	25	0.96	574	2.4	3.38	66.6	638	38	<50	0.82	<1	
D59475 (9930604)	<1	1.78	20	33	1.00	489	2.6	3.85	68.2	808	<20	<50	0.66	<1	
D59476 (9930605)	<1	2.12	42	114	8.54	1330	0.9	1.61	387	1540	<20	<50	0.27	1	
D59477 (9930606)	<1	4.27	27	16	1.68	552	2.7	3.00	97.4	4270	<20	<50	1.55	3	
D59478 (9930607)	<1	4.23	23	18	1.58	528	1.7	3.26	92.2	3780	<20	<50	1.53	<1	
D59479 (9930608)	<1	2.93	42	212	6.76	1310	1.4	0.44	295	560	<20	<50	0.29	<1	
D59480 (9930609)	<1	3.02	37	42	5.24	1140	0.8	1.70	187	1670	<20	<50	0.82	2	
D59481 (9930610)	<1	2.91	51	198	7.67	1340	<0.5	1.08	272	2230	<20	<50	0.27	<1	
D59482 (9930611)	<1	2.87	26	26	0.69	308	3.6	3.32	49.3	674	33	<50	0.95	2	

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T441546

PROJECT: AGAT00534

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Feb 26, 2019

DATE RECEIVED: Feb 27, 2019

DATE REPORTED: Mar 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D59483 (9930612)		<1	3.14	26	23	0.94	465	3.8	3.13	56.8	807	<20	<50	1.29	<1
D59484 (9930613)		<1	1.50	43	20	1.73	512	0.8	3.03	35.6	1340	<20	<50	0.30	<1
D59485 (9930614)		<1	1.38	42	21	1.74	505	<0.5	3.25	36.8	1340	<20	<50	0.27	1
D59486 (9930615)		<1	0.44	9	10	4.25	1330	<0.5	2.30	110	941	<20	<50	0.09	<1
D59487 (9930616)		<1	1.36	42	21	1.78	576	0.6	3.52	37.4	1260	<20	<50	0.29	<1
D59488 (9930617)		<1	1.39	40	21	1.67	542	<0.5	3.56	32.9	1820	<20	<50	0.29	<1
D59489 (9930618)		<1	5.35	14	5	0.17	95	1.1	2.51	4.7	135	21	<50	0.20	<1
D59490 (9930619)		<1	1.65	42	24	1.68	542	<0.5	3.38	34.7	1290	<20	<50	0.13	<1
D59491 (9930620)		<1	1.70	29	16	1.22	593	2.7	3.26	50.9	707	<20	<50	0.48	<1
D59492 (9930621)		<1	0.03	3	2	3.04	95	0.8	0.12	2.0	102	<20	<50	<0.01	<1
D59493 (9930622)		<1	2.37	4	27	2.67	1950	2.7	2.58	144	261	<20	<50	1.99	<1
D59494 (9930623)		<1	1.68	18	19	0.79	362	0.8	3.23	20.4	604	<20	<50	0.20	<1
D59495 (9930624)		<1	3.13	31	13	0.47	204	<0.5	3.23	9.5	451	<20	<50	0.13	<1
D59496 (9930625)		<1	4.05	69	10	0.38	162	1.0	3.20	7.5	413	<20	<50	0.13	<1
D59497 (9930626)		<1	1.62	16	11	0.65	295	0.9	3.88	22.6	504	<20	<50	0.33	<1
D59498 (9930627)		<1	1.64	16	11	0.64	301	0.9	3.87	21.7	477	<20	<50	0.31	<1
D59499 (9930628)		<1	1.79	17	16	0.76	354	0.8	3.81	23.8	745	<20	<50	0.26	<1
D59500 (9930629)		<1	2.48	40	29	1.54	553	<0.5	3.44	38.8	1370	<20	<50	0.27	<1
D59501 (9930630)		<1	1.91	45	29	1.84	574	<0.5	3.56	41.4	1300	<20	<50	0.13	<1
D59502 (9930631)		<1	1.95	42	34	1.82	641	<0.5	3.35	40.6	1270	<20	<50	0.08	<1
D59503 (9930632)		<1	2.39	71	27	1.06	420	0.7	3.48	20.7	927	<20	<50	0.09	2
D59504 (9930633)		<1	2.99	74	13	0.38	165	0.8	3.19	10.0	334	<20	<50	0.22	<1
D59505 (9930634)		<1	1.85	21	22	0.68	290	0.9	3.80	16.9	576	<20	<50	0.29	3
D59506 (9930635)		<1	0.44	10	10	4.37	1360	<0.5	2.29	114	955	<20	<50	0.08	3
D59507 (9930636)		<1	2.20	21	14	0.80	389	1.4	3.57	18.7	626	<20	<50	0.48	<1
D59508 (9930637)		<1	2.35	19	14	0.61	314	0.9	3.80	21.0	813	<20	<50	0.50	<1
D59509 (9930638)		<1	2.17	22	48	0.85	286	0.8	3.96	28.1	852	<20	<50	0.31	1
D59510 (9930639)		<1	2.37	106	30	6.59	1490	<0.5	1.35	248	4070	<20	<50	0.20	2
D59511 (9930640)		<1	2.20	19	15	0.71	337	1.1	3.80	17.0	643	<20	<50	0.35	<1
D59512 (9930641)		<1	0.02	3	<1	2.34	61	0.5	0.04	<0.5	94	<20	<50	0.01	<1
D59513 (9930642)		<1	1.97	20	23	0.75	314	0.7	3.80	18.8	554	<20	<50	0.06	<1
D59514 (9930643)		<1	1.87	17	18	0.79	351	1.0	4.19	24.3	502	<20	<50	0.15	2

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T441546

PROJECT: AGAT00534

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Feb 26, 2019	DATE RECEIVED: Feb 27, 2019					DATE REPORTED: Mar 14, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D59515 (9930644)	<1	2.15	31	15	0.96	400	1.3	3.52	21.5	540	<20	<50	0.40	<1	
D59516 (9930645)	<1	2.33	22	21	0.79	340	0.8	3.88	18.7	574	<20	<50	0.42	<1	
D59517 (9930646)	<1	2.27	53	15	0.84	321	2.8	3.67	22.0	664	<20	<50	0.63	<1	
D59518 (9930647)	<1	2.29	55	16	0.83	324	2.7	3.65	21.7	631	<20	<50	0.60	<1	
D59519 (9930648)	<1	2.08	21	15	0.61	274	1.5	3.87	14.6	572	27	<50	0.35	1	
D59520 (9930649)	<1	2.09	22	13	0.68	307	1.0	4.06	19.6	526	<20	<50	0.50	<1	
D59521 (9930650)	<1	2.26	17	21	0.69	307	0.8	3.96	14.6	601	<20	<50	0.50	<1	
D59522 (9930651)	<1	2.53	19	15	0.74	283	1.2	3.89	15.1	696	<20	<50	0.54	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Feb 26, 2019	DATE RECEIVED: Feb 27, 2019					DATE REPORTED: Mar 14, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D59451 (9930580)	16	<10	<5	341	<10	<10	<5	0.16	<5	<50	108	1	7	243	
D59452 (9930581)	<1	<10	<5	77	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	2.1	
D59453 (9930582)	20	<10	<5	352	<10	<10	<5	0.19	<5	<50	164	<1	10	258	
D59454 (9930583)	14	<10	<5	295	<10	<10	<5	0.16	<5	<50	101	3	8	304	
D59455 (9930584)	11	<10	<5	420	<10	<10	<5	0.18	<5	<50	70.6	3	9	237	
D59456 (9930585)	6	<10	<5	710	<10	11	<5	0.24	<5	<50	45.0	1	10	136	
D59457 (9930586)	32	<10	<5	764	<10	62	<5	1.51	<5	<50	291	5	25	82.7	
D59458 (9930587)	31	<10	<5	770	<10	58	<5	1.45	<5	<50	276	4	24	79.9	
D59459 (9930588)	8	<10	<5	413	<10	10	<5	0.23	<5	<50	52.9	3	9	142	
D59460 (9930589)	6	<10	<5	444	<10	<10	<5	0.13	<5	<50	45.4	1	6	202	
D59461 (9930590)	8	<10	<5	460	<10	<10	<5	0.19	<5	<50	49.1	1	7	221	
D59462 (9930591)	5	<10	<5	485	<10	<10	<5	0.14	<5	<50	34.8	<1	7	109	
D59463 (9930592)	5	<10	<5	423	<10	<10	<5	0.14	<5	<50	35.9	2	6	134	
D59464 (9930593)	7	<10	<5	389	<10	10	<5	0.33	<5	<50	192	<1	3	239	
D59465 (9930594)	1	<10	<5	194	<10	<10	<5	0.07	<5	<50	21.4	1	2	60.4	
D59466 (9930595)	35	<10	<5	247	<10	20	<5	0.87	<5	<50	246	<1	22	91.4	
D59467 (9930596)	1	<10	<5	301	<10	<10	<5	0.06	<5	<50	15.6	1	3	54.4	
D59468 (9930597)	9	<10	<5	371	<10	11	<5	0.16	<5	<50	60.6	<1	11	175	
D59469 (9930598)	7	<10	<5	362	<10	<10	<5	0.10	<5	<50	49.7	2	10	312	
D59470 (9930599)	8	<10	<5	300	<10	<10	<5	0.09	<5	<50	44.1	2	9	210	
D59471 (9930600)	18	<10	<5	370	<10	<10	<5	0.17	<5	<50	131	3	11	267	
D59472 (9930601)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	3.8	
D59473 (9930602)	18	<10	<5	380	<10	12	<5	0.28	<5	<50	131	<1	9	211	
D59474 (9930603)	22	<10	<5	389	<10	11	<5	0.37	<5	<50	162	2	12	181	
D59475 (9930604)	22	<10	<5	403	<10	<10	<5	0.34	<5	<50	164	6	14	124	
D59476 (9930605)	26	<10	<5	781	<10	50	<5	1.08	<5	<50	235	2	29	68.3	
D59477 (9930606)	11	<10	<5	455	<10	<10	<5	0.15	<5	<50	71.4	3	10	166	
D59478 (9930607)	11	<10	<5	446	<10	<10	<5	0.14	<5	<50	73.0	1	10	154	
D59479 (9930608)	24	<10	<5	730	<10	16	<5	0.36	<5	<50	162	3	20	93.1	
D59480 (9930609)	27	<10	<5	670	<10	17	<5	0.37	<5	<50	158	2	20	75.3	
D59481 (9930610)	25	<10	<5	844	<10	54	<5	1.25	<5	<50	220	4	23	89.4	
D59482 (9930611)	8	<10	<5	334	<10	<10	<5	0.11	<5	<50	52.1	2	11	102	

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T441546

PROJECT: AGAT00534

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Feb 26, 2019

DATE RECEIVED: Feb 27, 2019

DATE REPORTED: Mar 14, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D59483 (9930612)	11	<10	<5	392	<10	<10	<5	0.14	<5	<50	74.3	3	11	224
D59484 (9930613)	10	<10	<5	988	<10	11	<5	0.38	<5	<50	97.3	3	14	116
D59485 (9930614)	10	<10	<5	1030	<10	16	<5	0.38	<5	<50	95.3	2	13	85.3
D59486 (9930615)	35	<10	<5	253	<10	15	<5	0.88	<5	<50	247	<1	23	94.3
D59487 (9930616)	10	<10	<5	1140	<10	19	<5	0.39	<5	<50	95.4	1	13	89.5
D59488 (9930617)	10	<10	<5	1120	<10	16	<5	0.35	<5	<50	89.1	2	14	96.9
D59489 (9930618)	<1	<10	<5	493	<10	<10	<5	0.05	<5	<50	8.8	<1	2	19.6
D59490 (9930619)	10	<10	<5	1130	<10	19	<5	0.37	<5	<50	95.3	1	14	94.4
D59491 (9930620)	11	<10	<5	597	<10	10	<5	0.25	<5	<50	79.7	3	11	117
D59492 (9930621)	<1	<10	<5	69	<10	<10	<5	0.03	<5	<50	8.3	<1	3	5.9
D59493 (9930622)	40	<10	<5	445	<10	12	<5	0.39	<5	<50	232	10	19	108
D59494 (9930623)	6	<10	<5	666	<10	<10	<5	0.18	<5	<50	41.9	<1	10	43.5
D59495 (9930624)	3	<10	<5	594	<10	<10	6	0.13	<5	<50	22.8	<1	7	54.9
D59496 (9930625)	2	<10	<5	487	<10	<10	12	0.10	<5	<50	16.3	<1	5	46.1
D59497 (9930626)	3	<10	<5	605	<10	<10	<5	0.14	<5	<50	27.2	<1	6	53.1
D59498 (9930627)	3	<10	<5	600	<10	<10	<5	0.14	<5	<50	27.8	<1	6	50.3
D59499 (9930628)	4	<10	<5	622	<10	<10	<5	0.16	<5	<50	34.5	1	7	58.8
D59500 (9930629)	9	<10	<5	896	<10	12	<5	0.29	<5	<50	80.4	<1	11	124
D59501 (9930630)	10	<10	<5	1030	<10	18	<5	0.38	<5	<50	98.6	<1	14	91.7
D59502 (9930631)	10	<10	<5	929	<10	14	<5	0.37	<5	<50	97.8	32	14	91.3
D59503 (9930632)	6	<10	<5	607	<10	<10	<5	0.25	<5	<50	56.2	<1	10	72.9
D59504 (9930633)	2	<10	<5	429	<10	<10	16	0.11	<5	<50	19.7	<1	5	52.9
D59505 (9930634)	4	<10	<5	662	<10	11	<5	0.19	<5	<50	35.9	<1	8	55.3
D59506 (9930635)	36	<10	<5	252	<10	16	<5	0.88	<5	<50	252	1	23	92.4
D59507 (9930636)	5	<10	<5	735	<10	<10	<5	0.21	<5	<50	43.9	<1	12	38.5
D59508 (9930637)	3	<10	<5	599	<10	<10	<5	0.12	<5	<50	25.2	<1	6	25.6
D59509 (9930638)	5	<10	<5	476	<10	12	<5	0.16	<5	<50	38.9	1	6	20.7
D59510 (9930639)	45	<10	<5	1000	<10	81	<5	1.82	<5	<50	326	2	37	51.8
D59511 (9930640)	5	<10	<5	764	<10	<10	<5	0.17	<5	<50	41.4	1	9	54.4
D59512 (9930641)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	3.2
D59513 (9930642)	4	<10	<5	791	<10	<10	<5	0.19	<5	<50	38.4	2	8	45.9
D59514 (9930643)	5	<10	<5	724	<10	<10	<5	0.15	<5	<50	33.3	<1	8	51.1

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T441546

PROJECT: AGAT00534

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Feb 26, 2019	DATE RECEIVED: Feb 27, 2019					DATE REPORTED: Mar 14, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D59515 (9930644)	6	<10	<5	649	<10	<10	<5	0.18	<5	<50	42.4	2	10	96.0	
D59516 (9930645)	5	<10	<5	615	<10	<10	<5	0.17	<5	<50	37.6	2	8	66.1	
D59517 (9930646)	4	<10	<5	663	<10	<10	9	0.16	<5	<50	32.7	2	10	143	
D59518 (9930647)	4	<10	<5	657	<10	13	8	0.16	<5	<50	34.4	2	11	112	
D59519 (9930648)	4	<10	<5	692	<10	<10	<5	0.16	<5	<50	32.6	<1	8	40.7	
D59520 (9930649)	4	<10	<5	665	<10	11	<5	0.15	<5	<50	31.2	1	9	42.6	
D59521 (9930650)	4	<10	<5	717	<10	10	<5	0.18	<5	<50	34.5	<1	9	46.9	
D59522 (9930651)	4	<10	<5	691	<10	<10	<5	0.16	<5	<50	34.3	<1	8	36.2	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Feb 26, 2019

DATE RECEIVED: Feb 27, 2019

DATE REPORTED: Mar 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Zr
	Unit:	ppm
	RDL:	5
D59451 (9930580)		95
D59452 (9930581)		<5
D59453 (9930582)		104
D59454 (9930583)		72
D59455 (9930584)		133
D59456 (9930585)		111
D59457 (9930586)		202
D59458 (9930587)		186
D59459 (9930588)		70
D59460 (9930589)		86
D59461 (9930590)		123
D59462 (9930591)		104
D59463 (9930592)		123
D59464 (9930593)		165
D59465 (9930594)		113
D59466 (9930595)		95
D59467 (9930596)		85
D59468 (9930597)		154
D59469 (9930598)		119
D59470 (9930599)		126
D59471 (9930600)		113
D59472 (9930601)		<5
D59473 (9930602)		108
D59474 (9930603)		133
D59475 (9930604)		154
D59476 (9930605)		210
D59477 (9930606)		38
D59478 (9930607)		38
D59479 (9930608)		28
D59480 (9930609)		53
D59481 (9930610)		170
D59482 (9930611)		123

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T441546

PROJECT: AGAT00534

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Feb 26, 2019

DATE RECEIVED: Feb 27, 2019

DATE REPORTED: Mar 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D59483 (9930612)				115
D59484 (9930613)				152
D59485 (9930614)				151
D59486 (9930615)				96
D59487 (9930616)				150
D59488 (9930617)				133
D59489 (9930618)				55
D59490 (9930619)				143
D59491 (9930620)				106
D59492 (9930621)				<5
D59493 (9930622)				32
D59494 (9930623)				91
D59495 (9930624)				71
D59496 (9930625)				67
D59497 (9930626)				91
D59498 (9930627)				89
D59499 (9930628)				87
D59500 (9930629)				110
D59501 (9930630)				145
D59502 (9930631)				141
D59503 (9930632)				116
D59504 (9930633)				89
D59505 (9930634)				93
D59506 (9930635)				98
D59507 (9930636)				97
D59508 (9930637)				44
D59509 (9930638)				42
D59510 (9930639)				271
D59511 (9930640)				82
D59512 (9930641)				<5
D59513 (9930642)				76
D59514 (9930643)				68

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T441546

PROJECT: AGAT00534

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Feb 26, 2019	DATE RECEIVED: Feb 27, 2019	DATE REPORTED: Mar 14, 2019	SAMPLE TYPE: Drill Core
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Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D59515 (9930644)	73
D59516 (9930645)	84
D59517 (9930646)	88
D59518 (9930647)	90
D59519 (9930648)	82
D59520 (9930649)	80
D59521 (9930650)	94
D59522 (9930651)	85

Comments: RDL - Reported Detection Limit  
9930580-9930651 As, Sb values may be low due to digestion losses.

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## Certificate of Analysis

AGAT WORK ORDER: 19T441546

PROJECT: AGAT00534

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Feb 26, 2019      DATE RECEIVED: Feb 27, 2019      DATE REPORTED: Mar 14, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D59451 (9930580)			0.334
D59452 (9930581)			0.002
D59453 (9930582)			0.057
D59454 (9930583)			0.056
D59455 (9930584)			0.040
D59456 (9930585)			0.013
D59457 (9930586)			0.003
D59458 (9930587)			0.005
D59459 (9930588)			0.024
D59460 (9930589)			0.072
D59461 (9930590)			0.105
D59462 (9930591)			0.046
D59463 (9930592)			0.023
D59464 (9930593)			0.073
D59465 (9930594)			0.020
D59466 (9930595)			0.349
D59467 (9930596)			0.015
D59468 (9930597)			0.090
D59469 (9930598)			0.022
D59470 (9930599)			0.031
D59471 (9930600)			0.063
D59472 (9930601)			<0.001
D59473 (9930602)			0.069
D59474 (9930603)			0.095
D59475 (9930604)			0.156
D59476 (9930605)			0.007
D59477 (9930606)			0.032
D59478 (9930607)			0.036
D59479 (9930608)			0.005
D59480 (9930609)			0.011
D59481 (9930610)			0.004
D59482 (9930611)			0.019

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T441546

PROJECT: AGAT00534

5623 McADAM ROAD  
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TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Feb 26, 2019

DATE RECEIVED: Feb 27, 2019

DATE REPORTED: Mar 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D59483 (9930612)			0.023
D59484 (9930613)			0.007
D59485 (9930614)			0.006
D59486 (9930615)			0.338
D59487 (9930616)			0.008
D59488 (9930617)			0.011
D59489 (9930618)			0.007
D59490 (9930619)			0.004
D59491 (9930620)			0.020
D59492 (9930621)			<0.001
D59493 (9930622)			0.079
D59494 (9930623)			0.006
D59495 (9930624)			0.004
D59496 (9930625)			0.005
D59497 (9930626)			0.007
D59498 (9930627)			0.006
D59499 (9930628)			0.005
D59500 (9930629)			0.002
D59501 (9930630)			0.003
D59502 (9930631)			0.003
D59503 (9930632)			0.006
D59504 (9930633)			0.007
D59505 (9930634)			0.006
D59506 (9930635)			0.325
D59507 (9930636)			0.010
D59508 (9930637)			0.009
D59509 (9930638)			0.007
D59510 (9930639)			0.005
D59511 (9930640)			0.005
D59512 (9930641)			<0.001
D59513 (9930642)			0.002
D59514 (9930643)			0.003

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T441546

PROJECT: AGAT00534

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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Feb 26, 2019	DATE RECEIVED: Feb 27, 2019	DATE REPORTED: Mar 14, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D59515 (9930644)			0.006
D59516 (9930645)			0.014
D59517 (9930646)			0.018
D59518 (9930647)			0.016
D59519 (9930648)			0.012
D59520 (9930649)			0.013
D59521 (9930650)			0.009
D59522 (9930651)			0.008

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T441546

PROJECT: AGAT00534

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CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Feb 26, 2019

DATE RECEIVED: Feb 27, 2019

DATE REPORTED: Mar 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D59451 (9930580)		82
D59471 (9930600)		79
D59490 (9930619)		85
D59510 (9930639)		85

Comments: RDL - Reported Detection Limit

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	9930580	< 0.5	< 0.5	0.0%	9930594	< 0.5	< 0.5	0.0%	9930605	< 0.5	< 0.5	0.0%	9930619	< 0.5	< 0.5	0.0%
Al	9930580	7.87	7.96	1.1%	9930594	4.68	4.59	1.9%	9930605	2.58	2.45	5.2%	9930619	8.31	8.21	1.2%
As	9930580	17	16	6.1%	9930594	5	6	18.2%	9930605	19	17	11.1%	9930619	< 1	2	
Ba	9930580	939	928	1.2%	9930594	545	548	0.5%	9930605	427	407	4.8%	9930619	1180	1180	0.0%
Be	9930580	1.5	1.5	0.0%	9930594	1.01	1.09	7.6%	9930605	8.09	8.57	5.8%	9930619	2.1	2.1	0.0%
Bi	9930580	< 1	< 1	0.0%	9930594	< 1	< 1	0.0%	9930605	< 1	< 1	0.0%	9930619	< 1	< 1	0.0%
Ca	9930580	1.17	1.18	0.9%	9930594	1.09	1.07	1.9%	9930605	8.16	8.43	3.3%	9930619	3.30	3.29	0.3%
Cd	9930580	< 0.5	0.5		9930594	< 0.5	< 0.5	0.0%	9930605	< 0.5	< 0.5	0.0%	9930619	< 0.5	< 0.5	0.0%
Ce	9930580	31	30	3.3%	9930594	15	14	6.9%	9930605	88	92	4.4%	9930619	92	88	4.4%
Co	9930580	19.2	18.4	4.3%	9930594	9.01	9.77	8.1%	9930605	56.7	57.1	0.7%	9930619	13.3	12.5	6.2%
Cr	9930580	42.9	38.8	10.0%	9930594	24.5	24.8	1.2%	9930605	406	432	6.2%	9930619	38.7	32.7	16.8%
Cu	9930580	78.0	79.3	1.7%	9930594	30.4	29.9	1.7%	9930605	81.1	78.1	3.8%	9930619	10.5	10.8	2.8%
Fe	9930580	3.68	3.73	1.3%	9930594	1.77	1.74	1.7%	9930605	7.76	7.87	1.4%	9930619	3.46	3.42	1.2%
Ga	9930580	29	27	7.1%	9930594	13	15	14.3%	9930605	37	38	2.7%	9930619	32	29	9.8%
In	9930580	< 1	< 1	0.0%	9930594	< 1	< 1	0.0%	9930605	< 1	< 1	0.0%	9930619	< 1	< 1	0.0%
K	9930580	2.51	2.52	0.4%	9930594	1.63	1.61	1.2%	9930605	2.12	1.99	6.3%	9930619	1.65	1.63	1.2%
La	9930580	14	13	7.4%	9930594	7	6	15.4%	9930605	42	43	2.4%	9930619	42	39	7.4%
Li	9930580	28	28	0.0%	9930594	6	6	0.0%	9930605	114	108	5.4%	9930619	24	24	0.0%
Mg	9930580	1.00	1.02	2.0%	9930594	0.28	0.28	0.0%	9930605	8.54	8.95	4.7%	9930619	1.68	1.65	1.8%
Mn	9930580	436	442	1.4%	9930594	170	167	1.8%	9930605	1330	1370	3.0%	9930619	542	535	1.3%
Mo	9930580	1.4	0.9	43.5%	9930594	2.85	3.19	11.3%	9930605	0.9	0.6	40.0%	9930619	< 0.5	< 0.5	0.0%
Na	9930580	2.54	2.51	1.2%	9930594	2.07	2.07	0.0%	9930605	1.61	1.75	8.3%	9930619	3.38	3.37	0.3%
Ni	9930580	44.9	42.9	4.6%	9930594	26.1	28.6	9.1%	9930605	387	409	5.5%	9930619	34.7	32.8	5.6%
P	9930580	413	398	3.7%	9930594	71	82	14.4%	9930605	1540	1600	3.8%	9930619	1290	1190	8.1%
Pb	9930580	< 20	< 20	0.0%	9930594	< 20	< 20	0.0%	9930605	< 20	< 20	0.0%	9930619	< 20	< 20	0.0%
Rb	9930580	< 50	< 50	0.0%	9930594	< 50	< 50	0.0%	9930605	< 50	< 50	0.0%	9930619	< 50	< 50	0.0%
S	9930580	1.17	1.21	3.4%	9930594	0.62	0.60	3.3%	9930605	0.27	0.24	11.8%	9930619	0.134	0.141	5.1%
Sb	9930580	2	< 1		9930594	< 1	< 1	0.0%	9930605	1	1	0.0%	9930619	< 1	2	
Sc	9930580	16	16	0.0%	9930594	1	1	0.0%	9930605	26	26	0.0%	9930619	10	10	0.0%
Se	9930580	< 10	< 10	0.0%	9930594	< 10	< 10	0.0%	9930605	< 10	< 10	0.0%	9930619	< 10	< 10	0.0%
Sn	9930580	< 5	< 5	0.0%	9930594	< 5	< 5	0.0%	9930605	< 5	< 5	0.0%	9930619	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	9930580	341	336	1.5%	9930594	194	195	0.5%	9930605	781	797	2.0%	9930619	1130	1130	0.0%
Ta	9930580	< 10	< 10	0.0%	9930594	< 10	< 10	0.0%	9930605	< 10	< 10	0.0%	9930619	< 10	< 10	0.0%
Te	9930580	< 10	11		9930594	< 10	< 10	0.0%	9930605	50	50	0.0%	9930619	19	13	
Th	9930580	< 5	< 5	0.0%	9930594	< 5	< 5	0.0%	9930605	< 5	< 5	0.0%	9930619	< 5	< 5	0.0%
Ti	9930580	0.164	0.167	1.8%	9930594	0.07	0.07	0.0%	9930605	1.08	1.16	7.1%	9930619	0.365	0.357	2.2%
Tl	9930580	< 5	< 5	0.0%	9930594	< 5	< 5	0.0%	9930605	< 5	< 5	0.0%	9930619	< 5	< 5	0.0%
U	9930580	< 50	< 50	0.0%	9930594	< 50	< 50	0.0%	9930605	< 50	< 50	0.0%	9930619	< 50	< 50	0.0%
V	9930580	108	104	3.8%	9930594	21.4	23.5	9.4%	9930605	235	234	0.4%	9930619	95.3	91.3	4.3%
W	9930580	1	1	0.0%	9930594	1	2		9930605	2	3		9930619	1	< 1	
Y	9930580	7	6	15.4%	9930594	2	2	0.0%	9930605	29	31	6.7%	9930619	14	13	7.4%
Zn	9930580	243	241	0.8%	9930594	60.4	56.2	7.2%	9930605	68.3	71.2	4.2%	9930619	94.4	91.3	3.3%
Zr	9930580	95	94	1.1%	9930594	113	108	4.5%	9930605	210	229	8.7%	9930619	143	145	1.4%

Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	9930630	< 0.5	< 0.5	0.0%	9930644	< 0.5	< 0.5	0.0%								
Al	9930630	8.12	8.07	0.6%	9930644	7.17	7.33	2.2%								
As	9930630	1	2	66.7%	9930644	2	3									
Ba	9930630	991	947	4.5%	9930644	806	831	3.1%								
Be	9930630	2.23	2.36	5.7%	9930644	1.8	1.9	5.4%								
Bi	9930630	< 1	< 1	0.0%	9930644	< 1	< 1	0.0%								
Ca	9930630	3.27	3.21	1.9%	9930644	2.40	2.47	2.9%								
Cd	9930630	< 0.5	< 0.5	0.0%	9930644	< 0.5	< 0.5	0.0%								
Ce	9930630	95	93	2.1%	9930644	70	72	2.8%								
Co	9930630	14.1	15.0	6.2%	9930644	11.4	11.2	1.8%								
Cr	9930630	44.6	42.8	4.1%	9930644	24.2	22.5	7.3%								
Cu	9930630	10.4	9.93	4.6%	9930644	32.0	31.5	1.6%								
Fe	9930630	3.61	3.61	0.0%	9930644	2.46	2.52	2.4%								
Ga	9930630	35	34	2.9%	9930644	25	27	7.7%								
In	9930630	< 1	< 1	0.0%	9930644	< 1	< 1	0.0%								
K	9930630	1.91	1.87	2.1%	9930644	2.15	2.22	3.2%								
La	9930630	45	43	4.5%	9930644	31	32	3.2%								
Li	9930630	29	29	0.0%	9930644	15	16	6.5%								
Mg	9930630	1.84	1.86	1.1%	9930644	0.96	0.98	2.1%								
Mn	9930630	574	580	1.0%	9930644	400	411	2.7%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	9930630	< 0.5	< 0.5	0.0%	9930644	1.30	1.35	3.8%								
Na	9930630	3.56	3.47	2.6%	9930644	3.52	3.49	0.9%								
Ni	9930630	41.4	42.6	2.9%	9930644	21.5	22.6	5.0%								
P	9930630	1300	1280	1.6%	9930644	540	571	5.6%								
Pb	9930630	< 20	< 20	0.0%	9930644	< 20	20									
Rb	9930630	< 50	< 50	0.0%	9930644	< 50	< 50	0.0%								
S	9930630	0.128	0.119	7.3%	9930644	0.40	0.39	2.5%								
Sb	9930630	< 1	< 1	0.0%	9930644	< 1	1									
Sc	9930630	10	11	9.5%	9930644	6	7	15.4%								
Se	9930630	< 10	< 10	0.0%	9930644	< 10	< 10	0.0%								
Sn	9930630	< 5	< 5	0.0%	9930644	< 5	< 5	0.0%								
Sr	9930630	1030	996	3.4%	9930644	649	645	0.6%								
Ta	9930630	< 10	< 10	0.0%	9930644	< 10	< 10	0.0%								
Te	9930630	18	18	0.0%	9930644	< 10	< 10	0.0%								
Th	9930630	< 5	< 5	0.0%	9930644	< 5	< 5	0.0%								
Ti	9930630	0.38	0.37	2.7%	9930644	0.18	0.18	0.0%								
Tl	9930630	< 5	< 5	0.0%	9930644	< 5	< 5	0.0%								
U	9930630	< 50	< 50	0.0%	9930644	< 50	< 50	0.0%								
V	9930630	98.6	103	4.4%	9930644	42.4	45.0	5.9%								
W	9930630	< 1	2		9930644	2	< 1									
Y	9930630	14	14	0.0%	9930644	10	10	0.0%								
Zn	9930630	91.7	88.2	3.9%	9930644	96.0	97.2	1.2%								
Zr	9930630	145	150	3.4%	9930644	73	85	15.2%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	9930580	0.334	0.523		9930594	0.020	0.020	0.0%	9930605	0.007	0.004		9930619	0.004	0.004	0.0%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	9930630	0.003	0.008		9930644	0.006	0.006	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.86	99%	90% - 110%	8.17	8.18	100%	90% - 110%	6.96	6.95	100%	90% - 110%	10.95	10.79	99%	90% - 110%
As					26	28	108%	90% - 110%	124	130	104%	90% - 110%				
Ba	340	334	98%	90% - 110%	540	514	95%	90% - 110%	186	188	101%	90% - 110%	340	331	97%	90% - 110%
Be	2.6	2.8	108%	90% - 110%	4.0	4.2	105%	90% - 110%					2.6	2.8	106%	90% - 110%
Ca	5.72	5.59	98%	90% - 110%	0.907	0.893	98%	90% - 110%	4.01	3.91	98%	90% - 110%	5.72	5.57	97%	90% - 110%
Ce	122	118	97%	90% - 110%	98	99	101%	90% - 110%	24	22	91%	90% - 110%	122	116	95%	90% - 110%
Co									22.1	21.8	99%	90% - 110%				
Cr					60.3	60.5	100%	90% - 110%								
Cu	7	5	77%	90% - 110%	150	150	100%	90% - 110%	88.6	89.5	101%	90% - 110%				
Fe	4.34	4.15	96%	90% - 110%	3.77	3.69	98%	90% - 110%	7.56	7.36	97%	90% - 110%	4.34	4.1	95%	90% - 110%
Ga	35	38	108%	90% - 110%									35	35	99%	90% - 110%
K	1.37	1.41	103%	90% - 110%					2.021	2.053	102%	90% - 110%	1.37	1.4	102%	90% - 110%
La	58	52	90%	90% - 110%	44	41	94%	90% - 110%					58	52	90%	90% - 110%
Li	37	37	101%	90% - 110%	47	46	98%	90% - 110%					37	37	100%	90% - 110%
Mg	0.325	0.302	93%	90% - 110%	1.10	1.06	97%	90% - 110%	2.412	2.417	100%	90% - 110%	0.325	0.305	94%	90% - 110%
Mn					780	763	98%	90% - 110%	1510	1478	98%	90% - 110%				
Mo					14	14	97%	90% - 110%								
Na	5.267	5.289	100%	90% - 110%	1.624	1.636	101%	90% - 110%	0.617	0.621	101%	90% - 110%	5.267	5.198	99%	90% - 110%
Ni					32	34	107%	90% - 110%	77.1	76.3	99%	90% - 110%				
P					750	801	107%	90% - 110%	892	948	106%	90% - 110%				
Pb	10	7	71%	90% - 110%	31	32	103%	90% - 110%					10	10	97%	90% - 110%
S									0.348	0.339	97%	90% - 110%				
Sc					12	13	108%	90% - 110%								
Sr	1191	1197	100%	90% - 110%	144	150	104%	90% - 110%	92.8	90.2	97%	90% - 110%	1191	1174	99%	90% - 110%
Ta					1.9	2.2	115%	90% - 110%								
Ti	0.172	0.171	100%	90% - 110%	0.53	0.47	90%	90% - 110%					0.172	0.17	99%	90% - 110%
V					77	84	109%	90% - 110%								
Y	119	121	102%	90% - 110%									119	120	101%	90% - 110%
Zn	93	97	104%	90% - 110%	130	126	97%	90% - 110%	208	218	105%	90% - 110%	93	95	102%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Parameter	CRM #1 (ref.GSP7M)				CRM #2 (ref.GS5W)				CRM #3 (ref.GSP7M)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.725	0.793	109%	90% - 110%	5.27	5.27	100%	90% - 110%	0.725	0.791	109%	90% - 110%				

## Method Summary

 CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00534  
 SAMPLING SITE:

 AGAT WORK ORDER: 19T441546  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00535

AGAT WORK ORDER: 19T442084

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Mar 14, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T442084

PROJECT: AGAT00535

5623 McADAM ROAD  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Feb 27, 2019      DATE RECEIVED: Feb 28, 2019      DATE REPORTED: Mar 14, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D59523 (9933128)		1.55
D59524 (9933129)		2.28
D59525 (9933130)		1.62
D59526 (9933131)		0.0700
D59527 (9933132)		0.990
D59528 (9933133)		0.930
D59529 (9933134)		2.07
D59530 (9933135)		2.23
D59531 (9933136)		1.61
D59532 (9933137)		1.20
D59533 (9933138)		1.99
D59534 (9933139)		2.25
D59535 (9933140)		0.800
D59536 (9933141)		2.37
D59537 (9933142)		2.23
D59538 (9933143)		2.23
D59539 (9933144)		2.37
D59540 (9933145)		1.17
D59541 (9933146)		0.920
D59542 (9933147)		1.61
D59543 (9933148)		1.83
D59544 (9933149)		1.29
D59545 (9933150)		2.31
D59546 (9933151)		0.0700
D59547 (9933152)		2.00
D59548 (9933153)		1.88
D59549 (9933154)		1.73
D59550 (9933155)		1.90
D59551 (9933156)		2.17
D59552 (9933157)		0.620
D59553 (9933158)		2.23

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T442084

PROJECT: AGAT00535

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 MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Feb 27, 2019      DATE RECEIVED: Feb 28, 2019      DATE REPORTED: Mar 14, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D59554 (9933159)		2.20
D59555 (9933160)		2.47
D59556 (9933161)		2.05
D59557 (9933162)		1.86
D59558 (9933163)		1.86
D59559 (9933164)		1.86
D59560 (9933165)		1.57
D59561 (9933166)		1.83
D59562 (9933167)		1.93
D59563 (9933168)		2.14
D59564 (9933169)		1.68
D59565 (9933170)		1.00
D59566 (9933171)		0.0700
D59567 (9933172)		1.70
D59568 (9933173)		1.51
D59569 (9933174)		0.920
D59570 (9933175)		1.44
D59571 (9933176)		1.26
D59572 (9933177)		0.650
D59573 (9933178)		2.09
D59574 (9933179)		2.10
D59575 (9933180)		2.04
D59576 (9933181)		2.14
D59577 (9933182)		2.32
D59578 (9933183)		2.32
D59579 (9933184)		1.69
D59580 (9933185)		1.90
D59581 (9933186)		1.17
D59582 (9933187)		1.60
D59583 (9933188)		1.42
D59584 (9933189)		1.76

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T442084

PROJECT: AGAT00535

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Feb 27, 2019      DATE RECEIVED: Feb 28, 2019      DATE REPORTED: Mar 14, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D59585 (9933190)		1.97
D59586 (9933191)		0.0700
D59587 (9933192)		1.52
D59588 (9933193)		1.28
D59589 (9933194)		0.990
D59590 (9933195)		1.76
D59591 (9933196)		1.52
D59592 (9933197)		0.700
D59593 (9933198)		1.84
D59594 (9933199)		1.34

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T442084

PROJECT: AGAT00535

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Feb 27, 2019	DATE RECEIVED: Feb 28, 2019							DATE REPORTED: Mar 14, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D59523 (9933128)	<0.5	7.48	3	1240	2.0	<1	1.84	<0.5	81	6.5	70.5	19.8	1.72	24	
D59524 (9933129)	<0.5	2.39	3	977	5.9	<1	9.78	<0.5	258	51.6	463	103	9.29	42	
D59525 (9933130)	<0.5	2.75	15	220	4.9	<1	10.7	<0.5	163	34.2	182	112	6.44	30	
D59526 (9933131)	<0.5	7.38	2	152	0.9	<1	7.26	<0.5	7	42.0	144	160	8.30	23	
D59527 (9933132)	<0.5	7.84	6	1090	2.2	<1	1.76	<0.5	39	10.0	77.3	38.8	2.26	26	
D59528 (9933133)	<0.5	4.20	2	273	5.7	<1	6.28	<0.5	95	22.0	147	54.7	4.76	29	
D59529 (9933134)	<0.5	1.99	<1	708	9.4	<1	10.8	<0.5	220	51.0	386	112	9.10	42	
D59530 (9933135)	<0.5	2.69	<1	919	7.5	<1	10.7	<0.5	217	43.6	334	103	8.65	41	
D59531 (9933136)	<0.5	7.69	6	836	2.1	<1	2.34	<0.5	40	8.9	86.3	13.6	1.98	27	
D59532 (9933137)	<0.5	0.07	1	20	<0.5	<1	35.6	<0.5	<1	0.9	2.2	<0.5	0.08	11	
D59533 (9933138)	<0.5	7.79	4	824	2.1	<1	2.07	<0.5	37	7.8	80.1	6.6	1.91	27	
D59534 (9933139)	<0.5	7.83	3	737	2.5	<1	2.77	<0.5	43	9.1	99.8	12.0	2.41	28	
D59535 (9933140)	<0.5	2.30	3	94	3.9	<1	7.11	<0.5	60	62.1	373	77.1	7.20	31	
D59536 (9933141)	<0.5	7.56	5	794	2.2	<1	1.92	<0.5	39	7.0	84.2	5.3	1.94	28	
D59537 (9933142)	<0.5	8.24	2	850	1.9	<1	2.06	<0.5	47	5.7	70.6	4.7	1.84	27	
D59538 (9933143)	<0.5	8.31	3	829	1.8	<1	1.98	<0.5	42	5.2	87.9	4.0	1.87	25	
D59539 (9933144)	<0.5	8.11	2	870	1.9	<1	2.20	<0.5	38	6.3	74.7	12.4	2.10	26	
D59540 (9933145)	<0.5	7.57	5	1080	1.8	<1	2.86	<0.5	76	13.1	154	4.8	3.03	29	
D59541 (9933146)	<0.5	7.74	4	855	2.1	<1	2.15	<0.5	35	5.9	76.5	5.1	1.91	27	
D59542 (9933147)	<0.5	7.68	2	957	2.0	<1	3.97	<0.5	43	17.0	169	3.5	3.72	29	
D59543 (9933148)	<0.5	7.59	4	1080	1.7	<1	3.78	<0.5	38	18.4	166	3.1	3.89	30	
D59544 (9933149)	<0.5	7.19	4	943	2.6	<1	3.82	<0.5	36	17.4	171	4.2	3.63	29	
D59545 (9933150)	<0.5	7.71	3	795	2.0	<1	1.81	<0.5	37	5.6	78.0	8.1	1.81	25	
D59546 (9933151)	<0.5	7.36	<1	195	2.0	<1	6.54	<0.5	18	43.6	169	107	7.86	27	
D59547 (9933152)	<0.5	7.89	2	924	2.0	<1	1.78	<0.5	43	5.5	89.2	14.0	1.87	26	
D59548 (9933153)	<0.5	8.15	2	744	1.9	<1	2.21	<0.5	46	6.1	73.5	17.1	1.92	27	
D59549 (9933154)	<0.5	8.00	2	825	1.9	<1	2.23	<0.5	38	5.8	69.2	11.4	1.98	27	
D59550 (9933155)	<0.5	8.04	4	812	2.2	<1	2.01	<0.5	40	6.2	91.0	9.6	2.03	26	
D59551 (9933156)	<0.5	7.70	2	880	2.2	<1	2.07	<0.5	36	6.9	76.1	10.2	2.02	28	
D59552 (9933157)	<0.5	0.07	<1	24	<0.5	<1	32.7	<0.5	<1	0.8	3.2	<0.5	0.13	13	
D59553 (9933158)	<0.5	7.97	1	780	2.2	<1	2.29	<0.5	41	8.6	87.0	17.5	2.11	27	
D59554 (9933159)	<0.5	7.97	4	1030	2.0	<1	2.58	<0.5	48	8.4	72.8	16.3	2.37	27	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T442084

PROJECT: AGAT00535

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MISSISSAUGA, ONTARIO  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Feb 27, 2019	DATE RECEIVED: Feb 28, 2019							DATE REPORTED: Mar 14, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D59555 (9933160)	<0.5	8.17	4	891	2.1	<1	2.20	<0.5	42	8.4	78.1	11.5	2.14	26	
D59556 (9933161)	<0.5	7.96	<1	949	2.1	<1	2.15	<0.5	42	6.9	77.0	9.6	2.07	28	
D59557 (9933162)	<0.5	8.08	4	821	2.1	<1	2.17	<0.5	42	6.6	81.4	8.1	1.84	27	
D59558 (9933163)	<0.5	7.90	4	773	2.2	<1	2.02	<0.5	40	7.4	93.3	8.0	1.90	28	
D59559 (9933164)	<0.5	7.72	7	855	2.0	<1	2.27	<0.5	49	5.8	74.4	24.9	1.88	24	
D59560 (9933165)	<0.5	7.86	4	771	2.2	<1	2.16	<0.5	39	4.8	61.4	7.8	1.86	27	
D59561 (9933166)	<0.5	7.92	6	888	2.1	<1	2.11	<0.5	49	6.6	70.8	13.7	1.82	27	
D59562 (9933167)	<0.5	7.54	31	1210	2.8	<1	2.10	<0.5	56	8.6	89.9	13.4	2.20	29	
D59563 (9933168)	<0.5	3.71	7	573	4.6	<1	6.75	<0.5	81	66.4	458	113	9.50	42	
D59564 (9933169)	<0.5	3.96	<1	487	6.9	5	6.36	<0.5	60	49.4	256	88.9	7.44	35	
D59565 (9933170)	<0.5	6.02	7	455	3.4	<1	4.41	<0.5	69	23.0	183	35.0	4.09	30	
D59566 (9933171)	<0.5	7.24	3	149	1.0	<1	7.14	<0.5	6	42.3	148	155	8.23	14	
D59567 (9933172)	<0.5	7.74	5	1090	2.5	<1	2.50	<0.5	73	6.1	101	11.0	2.32	28	
D59568 (9933173)	<0.5	7.39	2	996	3.0	<1	2.65	<0.5	98	7.7	97.0	46.6	2.50	30	
D59569 (9933174)	<0.5	2.41	2	140	7.1	4	7.70	<0.5	43	55.5	352	67.9	6.62	34	
D59570 (9933175)	<0.5	1.96	2	181	9.2	<1	8.01	<0.5	49	62.9	447	53.4	6.26	33	
D59571 (9933176)	<0.5	8.00	<1	815	2.5	<1	1.85	<0.5	48	7.0	82.9	85.3	2.25	27	
D59572 (9933177)	<0.5	0.08	<1	19	<0.5	1	32.7	<0.5	<1	0.8	2.1	<0.5	0.10	14	
D59573 (9933178)	<0.5	7.89	3	969	2.0	<1	1.65	<0.5	35	7.7	83.0	61.5	2.11	26	
D59574 (9933179)	<0.5	7.97	3	699	2.4	<1	1.88	<0.5	43	7.4	89.8	37.2	2.05	27	
D59575 (9933180)	<0.5	6.99	5	737	2.8	<1	3.21	<0.5	50	18.0	114	55.9	3.38	33	
D59576 (9933181)	<0.5	7.76	3	920	2.2	<1	2.43	<0.5	68	10.8	91.5	48.8	2.75	28	
D59577 (9933182)	<0.5	7.75	1	1020	2.0	<1	2.88	<0.5	68	13.1	113	43.0	3.00	30	
D59578 (9933183)	<0.5	7.73	<1	1040	2.1	<1	2.79	<0.5	68	12.1	85.9	41.1	2.85	28	
D59579 (9933184)	<0.5	7.82	3	1190	2.6	<1	2.55	<0.5	72	10.9	82.8	45.9	2.72	28	
D59580 (9933185)	<0.5	3.51	<1	446	5.9	<1	6.66	<0.5	63	65.2	350	104	9.05	38	
D59581 (9933186)	0.8	5.25	2	414	6.2	<1	5.51	<0.5	98	35.6	168	74.0	5.73	34	
D59582 (9933187)	<0.5	3.45	1	712	4.9	<1	7.10	<0.5	106	58.4	311	91.4	8.36	36	
D59583 (9933188)	<0.5	7.29	2	682	2.9	<1	1.93	<0.5	55	6.8	61.5	38.1	1.91	27	
D59584 (9933189)	<0.5	7.72	3	641	2.2	<1	1.86	<0.5	40	7.1	60.9	41.8	1.88	25	
D59585 (9933190)	<0.5	8.22	4	723	2.1	<1	2.01	<0.5	41	5.1	75.2	39.0	1.86	26	
D59586 (9933191)	<0.5	7.37	<1	197	1.9	<1	6.66	<0.5	17	42.2	138	104	7.89	18	

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## Certificate of Analysis

AGAT WORK ORDER: 19T442084

PROJECT: AGAT00535

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Feb 27, 2019	DATE RECEIVED: Feb 28, 2019							DATE REPORTED: Mar 14, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D59587 (9933192)	<0.5	7.80	5	834	2.7	<1	2.65	<0.5	60	14.0	86.8	42.8	2.48	27	
D59588 (9933193)	<0.5	9.33	4	2230	2.8	<1	2.68	<0.5	103	5.3	44.7	18.7	1.93	25	
D59589 (9933194)	<0.5	3.30	41	411	5.8	<1	8.47	<0.5	156	46.3	245	75.3	6.99	33	
D59590 (9933195)	<0.5	8.94	13	2210	2.7	<1	3.10	<0.5	93	6.2	47.4	14.8	2.21	27	
D59591 (9933196)	<0.5	8.05	3	873	2.5	<1	2.71	<0.5	44	9.1	88.0	5.6	2.18	26	
D59592 (9933197)	<0.5	0.08	1	18	<0.5	<1	33.9	<0.5	<1	0.7	1.4	<0.5	0.10	11	
D59593 (9933198)	<0.5	8.06	5	704	2.1	<1	2.22	<0.5	41	5.6	63.6	4.0	1.66	26	
D59594 (9933199)	<0.5	3.70	10	422	3.3	<1	6.31	<0.5	73	44.6	182	48.6	5.74	32	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Feb 27, 2019	DATE RECEIVED: Feb 28, 2019					DATE REPORTED: Mar 14, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D59523 (9933128)	<1	2.33	38	20	0.66	281	8.3	4.12	14.8	476	<20	<50	0.43	2	
D59524 (9933129)	<1	2.05	120	22	7.12	1690	<0.5	1.36	235	3150	<20	<50	0.24	3	
D59525 (9933130)	<1	2.73	74	8	4.77	1580	8.1	1.16	112	3110	<20	<50	0.31	2	
D59526 (9933131)	<1	0.21	4	12	4.44	1460	<0.5	2.38	91.4	456	<20	<50	0.14	3	
D59527 (9933132)	<1	2.53	17	19	0.90	239	6.1	4.28	29.4	2330	<20	<50	0.37	<1	
D59528 (9933133)	<1	1.70	44	83	3.22	1150	4.9	3.13	86.9	1170	<20	<50	0.34	2	
D59529 (9933134)	<1	2.30	105	55	6.89	1840	1.0	1.42	221	4550	<20	<50	0.20	4	
D59530 (9933135)	<1	2.47	104	35	6.03	1700	0.8	1.54	178	3880	<20	<50	0.25	<1	
D59531 (9933136)	<1	2.19	19	19	1.01	317	4.8	4.55	24.2	553	<20	<50	0.31	1	
D59532 (9933137)	<1	0.02	2	<1	1.91	56	0.8	0.04	<0.5	81	<20	<50	<0.01	1	
D59533 (9933138)	<1	2.29	17	18	0.89	268	6.6	4.14	22.4	607	<20	<50	0.28	<1	
D59534 (9933139)	<1	2.04	20	43	1.29	408	4.6	4.32	43.3	623	<20	<50	0.22	1	
D59535 (9933140)	<1	2.09	30	249	8.01	1520	0.9	1.75	495	673	<20	<50	0.35	2	
D59536 (9933141)	<1	1.87	18	31	0.91	297	4.9	4.07	25.0	555	<20	<50	0.19	1	
D59537 (9933142)	<1	2.06	23	23	0.78	312	7.6	4.30	21.2	528	<20	<50	0.13	<1	
D59538 (9933143)	<1	2.09	20	22	0.75	321	6.0	4.24	17.9	517	<20	<50	0.13	<1	
D59539 (9933144)	<1	2.14	17	16	0.83	331	7.9	4.06	20.9	566	<20	<50	0.35	<1	
D59540 (9933145)	<1	3.44	40	35	1.95	688	4.2	3.30	48.9	785	<20	<50	0.26	<1	
D59541 (9933146)	<1	1.94	16	12	0.81	295	7.7	4.08	22.0	709	<20	<50	0.32	<1	
D59542 (9933147)	<1	2.76	19	45	2.56	782	2.9	3.69	62.4	922	<20	<50	0.48	<1	
D59543 (9933148)	<1	3.66	16	36	2.61	790	4.3	3.23	64.5	856	<20	<50	1.08	1	
D59544 (9933149)	<1	2.79	17	63	2.57	838	3.2	3.66	62.4	902	<20	<50	0.67	1	
D59545 (9933150)	<1	2.01	16	19	0.67	252	9.0	4.20	16.1	603	<20	<50	0.44	<1	
D59546 (9933151)	<1	0.44	10	10	4.32	1370	<0.5	2.29	114	916	<20	<50	0.08	4	
D59547 (9933152)	<1	2.41	19	11	0.66	243	7.0	3.99	15.1	604	<20	<50	0.52	2	
D59548 (9933153)	<1	1.83	23	10	0.72	330	8.1	4.48	18.6	581	<20	<50	0.33	<1	
D59549 (9933154)	<1	1.93	16	19	0.81	348	7.5	4.16	19.8	568	<20	<50	0.20	<1	
D59550 (9933155)	<1	1.91	18	20	0.79	291	6.7	4.24	21.8	570	<20	<50	0.20	<1	
D59551 (9933156)	<1	1.83	16	19	0.79	286	7.0	4.19	21.4	663	<20	<50	0.26	<1	
D59552 (9933157)	<1	0.01	2	<1	3.49	87	0.6	0.04	<0.5	92	<20	<50	<0.01	<1	
D59553 (9933158)	<1	1.62	17	21	0.81	301	6.2	4.39	22.9	602	<20	<50	0.35	<1	
D59554 (9933159)	<1	2.27	21	19	1.05	389	6.5	4.16	25.4	708	<20	<50	0.33	<1	

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# Certificate of Analysis

AGAT WORK ORDER: 19T442084

PROJECT: AGAT00535

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Feb 27, 2019

DATE RECEIVED: Feb 28, 2019

DATE REPORTED: Mar 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D59555 (9933160)		<1	1.97	20	22	0.84	304	5.2	4.37	21.5	653	<20	<50	0.34	2
D59556 (9933161)		<1	2.11	18	16	0.82	310	7.9	3.91	19.2	672	<20	<50	0.23	<1
D59557 (9933162)		<1	1.88	19	16	0.74	304	5.5	4.60	17.9	526	<20	<50	0.21	<1
D59558 (9933163)		<1	1.84	19	16	0.71	305	10.5	4.35	19.4	564	<20	<50	0.21	<1
D59559 (9933164)		<1	2.00	22	13	0.72	309	26.4	4.12	17.8	539	<20	<50	0.28	<1
D59560 (9933165)		<1	1.91	17	16	0.78	318	5.2	4.31	16.9	582	<20	<50	0.12	<1
D59561 (9933166)		<1	1.92	24	13	0.76	323	3.9	4.30	18.0	690	<20	<50	0.18	<1
D59562 (9933167)		<1	1.62	27	31	1.18	368	7.2	4.51	38.2	735	22	<50	0.19	3
D59563 (9933168)		<1	3.64	42	29	8.94	1380	1.1	1.68	445	1370	<20	68	0.19	4
D59564 (9933169)		<1	2.21	29	42	6.74	1140	1.2	2.72	295	1030	<20	<50	0.13	4
D59565 (9933170)		<1	0.46	32	61	3.69	621	3.3	4.90	151	358	<20	<50	0.25	4
D59566 (9933171)		<1	0.21	4	12	4.38	1450	<0.5	2.32	89.8	449	<20	<50	0.14	5
D59567 (9933172)		<1	2.10	34	20	1.34	383	4.4	4.21	30.4	1220	<20	<50	0.23	2
D59568 (9933173)		<1	1.97	47	25	1.70	416	5.9	4.48	38.8	1060	<20	<50	0.35	<1
D59569 (9933174)		<1	0.96	23	105	8.72	1050	1.0	2.54	475	131	<20	<50	0.63	1
D59570 (9933175)		<1	1.09	24	122	9.24	1060	1.2	2.14	665	400	<20	<50	0.19	1
D59571 (9933176)		<1	2.15	22	18	0.89	209	5.1	4.39	22.1	490	<20	<50	0.63	3
D59572 (9933177)		<1	0.02	3	1	3.18	57	1.1	0.05	0.8	90	<20	<50	<0.01	<1
D59573 (9933178)		<1	2.07	17	11	0.70	190	9.6	4.13	18.3	633	<20	<50	0.60	2
D59574 (9933179)		<1	1.49	20	14	0.76	255	9.3	4.52	16.2	603	<20	<50	0.45	1
D59575 (9933180)		<1	1.82	24	41	2.13	463	4.3	4.22	89.0	668	<20	<50	0.61	5
D59576 (9933181)		<1	2.42	30	13	1.18	308	7.4	3.96	28.3	847	<20	<50	0.95	2
D59577 (9933182)		<1	2.75	32	12	1.36	378	5.5	3.86	31.9	879	<20	<50	1.01	<1
D59578 (9933183)		<1	2.79	31	12	1.33	364	6.6	3.82	29.4	835	<20	<50	0.97	<1
D59579 (9933184)		<1	3.08	35	16	1.30	382	3.3	3.86	28.9	933	<20	<50	0.68	2
D59580 (9933185)		<1	3.25	34	37	8.98	1320	1.0	2.33	446	887	<20	<50	0.24	4
D59581 (9933186)		<1	1.07	46	20	4.82	891	2.2	4.97	191	406	32	<50	0.18	3
D59582 (9933187)		<1	2.90	55	29	8.07	1300	1.9	2.30	349	1360	<20	<50	0.20	4
D59583 (9933188)		<1	1.15	26	21	0.87	266	5.8	4.41	16.8	941	22	<50	0.34	<1
D59584 (9933189)		<1	1.46	20	15	0.71	254	8.4	4.26	15.7	643	<20	<50	0.28	3
D59585 (9933190)		<1	1.54	19	9	0.67	257	7.3	4.45	13.1	647	<20	<50	0.22	2
D59586 (9933191)		<1	0.44	9	10	4.33	1370	<0.5	2.33	111	953	<20	<50	0.07	6

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## Certificate of Analysis

AGAT WORK ORDER: 19T442084

PROJECT: AGAT00535

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Feb 27, 2019	DATE RECEIVED: Feb 28, 2019					DATE REPORTED: Mar 14, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D59587 (9933192)	<1	1.73	31	19	1.34	393	20.3	4.08	57.1	965	<20	<50	0.39	3	
D59588 (9933193)	<1	2.45	48	6	0.83	270	6.6	4.73	15.5	1060	<20	<50	0.50	2	
D59589 (9933194)	<1	2.15	76	126	6.19	1380	3.4	2.42	280	906	<20	<50	0.30	4	
D59590 (9933195)	<1	2.80	43	8	1.08	336	5.2	4.35	30.4	1430	<20	<50	0.58	3	
D59591 (9933196)	<1	1.58	21	22	1.30	345	13.8	3.97	45.7	659	<20	<50	0.17	3	
D59592 (9933197)	<1	0.02	2	2	2.48	59	0.9	0.05	0.9	83	<20	<50	<0.01	<1	
D59593 (9933198)	<1	1.58	20	20	0.82	254	7.0	4.18	23.6	549	<20	<50	0.11	1	
D59594 (9933199)	<1	2.72	37	533	6.59	1020	2.3	1.75	283	604	<20	<50	0.13	2	

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## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Feb 27, 2019

DATE RECEIVED: Feb 28, 2019

DATE REPORTED: Mar 14, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D59523 (9933128)	4	<10	<5	631	<10	<10	9	0.12	<5	<50	27.8	<1	7	26.3
D59524 (9933129)	26	<10	<5	1290	<10	90	<5	1.66	<5	<50	306	2	34	87.3
D59525 (9933130)	73	<10	<5	1050	<10	27	36	0.82	<5	<50	422	4	28	51.1
D59526 (9933131)	45	<10	<5	119	<10	10	<5	0.71	<5	<50	305	<1	22	84.7
D59527 (9933132)	6	<10	<5	707	<10	<10	<5	0.17	<5	<50	54.3	2	7	60.3
D59528 (9933133)	19	<10	<5	836	<10	12	<5	0.35	<5	<50	174	1	21	47.9
D59529 (9933134)	26	<10	<5	1520	<10	75	<5	1.43	<5	<50	304	1	36	88.9
D59530 (9933135)	23	<10	<5	1490	<10	77	<5	1.56	<5	<50	317	1	41	88.4
D59531 (9933136)	5	<10	<5	609	<10	<10	<5	0.16	<5	<50	46.4	1	6	61.5
D59532 (9933137)	<1	<10	<5	75	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	1.9
D59533 (9933138)	4	<10	<5	663	<10	11	<5	0.17	<5	<50	36.2	2	6	55.8
D59534 (9933139)	13	<10	<5	742	<10	<10	<5	0.26	<5	<50	105	2	8	43.0
D59535 (9933140)	42	<10	<5	671	<10	21	<5	0.46	<5	<50	257	2	16	40.0
D59536 (9933141)	5	<10	<5	682	<10	12	<5	0.18	<5	<50	40.4	1	7	34.1
D59537 (9933142)	4	<10	<5	647	<10	<10	<5	0.17	<5	<50	34.1	<1	7	43.7
D59538 (9933143)	4	<10	<5	638	<10	<10	<5	0.17	<5	<50	31.4	1	7	42.9
D59539 (9933144)	4	<10	<5	729	<10	<10	<5	0.20	<5	<50	36.4	2	8	38.1
D59540 (9933145)	11	<10	<5	623	<10	<10	<5	0.21	<5	<50	67.1	<1	10	93.9
D59541 (9933146)	5	<10	<5	741	<10	<10	<5	0.17	<5	<50	39.0	<1	8	46.1
D59542 (9933147)	14	<10	<5	730	<10	12	<5	0.28	<5	<50	89.7	10	14	83.5
D59543 (9933148)	13	<10	<5	980	<10	16	<5	0.31	<5	<50	88.6	10	13	67.9
D59544 (9933149)	15	<10	<5	811	<10	<10	<5	0.20	<5	<50	91.2	6	11	82.2
D59545 (9933150)	5	<10	<5	767	<10	<10	<5	0.16	<5	<50	30.9	<1	8	38.3
D59546 (9933151)	36	<10	<5	247	<10	22	<5	0.83	<5	<50	250	1	23	93.0
D59547 (9933152)	4	<10	<5	781	<10	<10	<5	0.18	<5	<50	34.5	<1	9	37.2
D59548 (9933153)	5	<10	<5	732	<10	<10	<5	0.17	<5	<50	33.0	<1	7	45.2
D59549 (9933154)	5	<10	<5	717	<10	<10	<5	0.19	<5	<50	35.7	<1	7	41.3
D59550 (9933155)	4	<10	<5	754	<10	10	<5	0.19	<5	<50	37.2	<1	8	39.1
D59551 (9933156)	4	<10	<5	731	<10	<10	<5	0.18	9	<50	37.7	1	7	44.4
D59552 (9933157)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	3.2
D59553 (9933158)	5	<10	<5	779	<10	<10	<5	0.19	<5	<50	37.7	<1	9	47.5
D59554 (9933159)	5	<10	<5	859	<10	<10	<5	0.20	<5	<50	41.1	2	8	47.2

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T442084

PROJECT: AGAT00535

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Feb 27, 2019

DATE RECEIVED: Feb 28, 2019

DATE REPORTED: Mar 14, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D59555 (9933160)	4	<10	<5	835	<10	<10	<5	0.18	<5	<50	35.5	1	7	54.1
D59556 (9933161)	5	<10	<5	767	<10	<10	<5	0.21	<5	<50	41.6	2	9	45.5
D59557 (9933162)	4	<10	<5	739	<10	<10	<5	0.17	<5	<50	32.6	<1	7	43.2
D59558 (9933163)	4	<10	<5	698	<10	<10	<5	0.16	<5	<50	34.5	1	7	40.9
D59559 (9933164)	4	<10	<5	717	<10	<10	<5	0.17	<5	<50	31.0	1	8	38.0
D59560 (9933165)	4	<10	<5	723	<10	<10	<5	0.18	<5	<50	34.0	<1	6	42.0
D59561 (9933166)	4	<10	<5	682	<10	<10	<5	0.15	<5	<50	32.4	<1	6	54.3
D59562 (9933167)	5	<10	<5	666	<10	11	<5	0.19	<5	<50	43.9	1	7	159
D59563 (9933168)	22	<10	<5	577	<10	82	<5	1.68	<5	<50	269	3	18	92.8
D59564 (9933169)	18	<10	<5	650	<10	41	<5	1.05	<5	<50	205	3	20	65.0
D59565 (9933170)	27	<10	<5	707	<10	10	<5	0.32	<5	<50	177	<1	10	47.2
D59566 (9933171)	45	<10	<5	116	<10	15	<5	0.69	<5	<50	308	1	22	83.9
D59567 (9933172)	8	<10	<5	825	<10	<10	<5	0.18	<5	<50	50.4	3	12	69.3
D59568 (9933173)	7	<10	<5	865	<10	<10	<5	0.27	<5	<50	54.6	2	14	59.3
D59569 (9933174)	23	<10	<5	619	<10	31	<5	0.56	<5	<50	173	3	20	44.8
D59570 (9933175)	18	<10	<5	708	<10	24	<5	0.45	<5	<50	152	2	21	44.3
D59571 (9933176)	4	<10	<5	668	<10	<10	<5	0.16	<5	<50	31.9	<1	7	53.1
D59572 (9933177)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	2.6
D59573 (9933178)	3	<10	<5	628	<10	<10	<5	0.14	<5	<50	29.8	<1	6	55.4
D59574 (9933179)	4	<10	<5	734	<10	<10	<5	0.19	<5	<50	37.8	<1	7	49.2
D59575 (9933180)	12	<10	<5	747	<10	12	<5	0.32	<5	<50	96.8	1	10	59.0
D59576 (9933181)	8	<10	<5	898	<10	<10	<5	0.21	<5	<50	59.2	<1	13	42.8
D59577 (9933182)	9	<10	<5	943	<10	<10	<5	0.21	<5	<50	64.0	1	13	47.5
D59578 (9933183)	9	<10	<5	928	<10	<10	<5	0.20	<5	<50	61.2	2	13	47.3
D59579 (9933184)	8	<10	<5	917	<10	11	<5	0.22	<5	<50	58.6	<1	14	46.7
D59580 (9933185)	20	<10	<5	570	<10	64	<5	1.36	<5	<50	244	2	25	87.0
D59581 (9933186)	13	<10	<5	780	<10	30	<5	0.70	<5	<50	167	3	42	80.2
D59582 (9933187)	22	<10	<5	793	<10	65	<5	1.28	<5	<50	255	2	22	85.8
D59583 (9933188)	6	<10	<5	730	<10	<10	<5	0.17	<5	<50	40.8	2	8	66.4
D59584 (9933189)	4	<10	<5	723	<10	<10	<5	0.20	<5	<50	37.0	<1	7	63.7
D59585 (9933190)	4	<10	<5	827	<10	<10	<5	0.19	<5	<50	34.0	2	7	68.6
D59586 (9933191)	35	<10	<5	252	<10	21	<5	0.87	<5	<50	241	<1	22	90.4

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T442084

PROJECT: AGAT00535

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Feb 27, 2019	DATE RECEIVED: Feb 28, 2019					DATE REPORTED: Mar 14, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:														
D59587 (9933192)	6	<10	<5	994	<10	<10	<5	0.20	<5	<50	59.0	2	8	96.1	
D59588 (9933193)	3	<10	<5	1590	<10	<10	<5	0.17	<5	<50	34.1	2	8	47.6	
D59589 (9933194)	35	<10	<5	1130	<10	11	<5	0.43	<5	<50	284	2	23	63.8	
D59590 (9933195)	4	<10	<5	1610	<10	<10	<5	0.18	<5	<50	36.3	2	8	59.0	
D59591 (9933196)	6	<10	<5	1010	<10	<10	<5	0.18	<5	<50	52.6	2	8	72.2	
D59592 (9933197)	<1	<10	<5	75	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	3.4	
D59593 (9933198)	4	<10	<5	719	<10	<10	<5	0.14	<5	<50	34.5	<1	5	75.9	
D59594 (9933199)	19	<10	<5	643	<10	<10	<5	0.24	<5	<50	127	2	14	52.9	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T442084

PROJECT: AGAT00535

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Feb 27, 2019      DATE RECEIVED: Feb 28, 2019      DATE REPORTED: Mar 14, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D59523 (9933128)				62
D59524 (9933129)				97
D59525 (9933130)				89
D59526 (9933131)				54
D59527 (9933132)				66
D59528 (9933133)				102
D59529 (9933134)				73
D59530 (9933135)				99
D59531 (9933136)				53
D59532 (9933137)				<5
D59533 (9933138)				79
D59534 (9933139)				73
D59535 (9933140)				66
D59536 (9933141)				77
D59537 (9933142)				76
D59538 (9933143)				73
D59539 (9933144)				82
D59540 (9933145)				65
D59541 (9933146)				88
D59542 (9933147)				74
D59543 (9933148)				68
D59544 (9933149)				79
D59545 (9933150)				84
D59546 (9933151)				82
D59547 (9933152)				95
D59548 (9933153)				75
D59549 (9933154)				71
D59550 (9933155)				78
D59551 (9933156)				86
D59552 (9933157)				<5
D59553 (9933158)				87
D59554 (9933159)				82

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T442084

PROJECT: AGAT00535

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Feb 27, 2019      DATE RECEIVED: Feb 28, 2019      DATE REPORTED: Mar 14, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Zr
	Unit:	ppm
	RDL:	5
D59555 (9933160)		73
D59556 (9933161)		94
D59557 (9933162)		79
D59558 (9933163)		75
D59559 (9933164)		96
D59560 (9933165)		82
D59561 (9933166)		71
D59562 (9933167)		82
D59563 (9933168)		119
D59564 (9933169)		146
D59565 (9933170)		81
D59566 (9933171)		54
D59567 (9933172)		106
D59568 (9933173)		84
D59569 (9933174)		175
D59570 (9933175)		184
D59571 (9933176)		83
D59572 (9933177)		<5
D59573 (9933178)		77
D59574 (9933179)		97
D59575 (9933180)		82
D59576 (9933181)		104
D59577 (9933182)		88
D59578 (9933183)		95
D59579 (9933184)		111
D59580 (9933185)		110
D59581 (9933186)		411
D59582 (9933187)		53
D59583 (9933188)		86
D59584 (9933189)		86
D59585 (9933190)		89
D59586 (9933191)		93

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T442084

PROJECT: AGAT00535

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Feb 27, 2019

DATE RECEIVED: Feb 28, 2019

DATE REPORTED: Mar 14, 2019


SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D59587 (9933192)	77
D59588 (9933193)	106
D59589 (9933194)	157
D59590 (9933195)	111
D59591 (9933196)	84
D59592 (9933197)	<5
D59593 (9933198)	65
D59594 (9933199)	61

Comments: RDL - Reported Detection Limit

9933128-9933199 As, Sb values may be low due to digestion losses.

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T442084

PROJECT: AGAT00535

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Feb 27, 2019      DATE RECEIVED: Feb 28, 2019      DATE REPORTED: Mar 14, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D59523 (9933128)			0.007
D59524 (9933129)			0.004
D59525 (9933130)			0.005
D59526 (9933131)			0.521
D59527 (9933132)			0.024
D59528 (9933133)			0.026
D59529 (9933134)			0.010
D59530 (9933135)			0.005
D59531 (9933136)			0.009
D59532 (9933137)			0.002
D59533 (9933138)			0.010
D59534 (9933139)			0.010
D59535 (9933140)			0.004
D59536 (9933141)			0.010
D59537 (9933142)			0.007
D59538 (9933143)			0.007
D59539 (9933144)			0.014
D59540 (9933145)			0.008
D59541 (9933146)			0.011
D59542 (9933147)			0.016
D59543 (9933148)			0.031
D59544 (9933149)			0.037
D59545 (9933150)			0.037
D59546 (9933151)			0.338
D59547 (9933152)			0.042
D59548 (9933153)			0.025
D59549 (9933154)			0.009
D59550 (9933155)			0.007
D59551 (9933156)			0.008
D59552 (9933157)			0.002
D59553 (9933158)			0.011
D59554 (9933159)			0.018

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T442084

PROJECT: AGAT00535

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Feb 27, 2019      DATE RECEIVED: Feb 28, 2019      DATE REPORTED: Mar 14, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D59555 (9933160)		0.014	
D59556 (9933161)		0.011	
D59557 (9933162)		0.011	
D59558 (9933163)		0.013	
D59559 (9933164)		0.050	
D59560 (9933165)		0.005	
D59561 (9933166)		0.007	
D59562 (9933167)		0.005	
D59563 (9933168)		0.003	
D59564 (9933169)		0.003	
D59565 (9933170)		0.007	
D59566 (9933171)		0.539	
D59567 (9933172)		0.024	
D59568 (9933173)		0.110	
D59569 (9933174)		0.033	
D59570 (9933175)		0.009	
D59571 (9933176)		0.062	
D59572 (9933177)		0.002	
D59573 (9933178)		0.048	
D59574 (9933179)		0.024	
D59575 (9933180)		0.034	
D59576 (9933181)		0.066	
D59577 (9933182)		0.044	
D59578 (9933183)		0.043	
D59579 (9933184)		0.036	
D59580 (9933185)		0.005	
D59581 (9933186)		0.009	
D59582 (9933187)		0.005	
D59583 (9933188)		0.013	
D59584 (9933189)		0.010	
D59585 (9933190)		0.013	
D59586 (9933191)		0.335	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T442084

PROJECT: AGAT00535

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Feb 27, 2019

DATE RECEIVED: Feb 28, 2019

DATE REPORTED: Mar 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D59587 (9933192)			0.012
D59588 (9933193)			0.007
D59589 (9933194)			0.003
D59590 (9933195)			0.007
D59591 (9933196)			0.003
D59592 (9933197)			0.001
D59593 (9933198)			0.005
D59594 (9933199)			0.003

Comments: RDL - Reported Detection Limit

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T442084

PROJECT: AGAT00535

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## Sieving - % Passing (Crushing)

DATE SAMPLED: Feb 27, 2019	DATE RECEIVED: Feb 28, 2019	DATE REPORTED: Mar 14, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D59523 (9933128)		88
D59542 (9933147)		80
D59559 (9933164)		87
D59562 (9933167)		88
D59582 (9933187)		84

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	9933128	< 0.5	< 0.5	0.0%	9933142	< 0.5	< 0.5	0.0%	9933153	< 0.5	< 0.5	0.0%	9933167	< 0.5	< 0.5	0.0%
Al	9933128	7.48	7.47	0.1%	9933142	8.24	8.21	0.4%	9933153	8.15	7.72	5.4%	9933167	7.54	7.58	0.5%
As	9933128	3	4	28.6%	9933142	2	3		9933153	2	3	40.0%	9933167	31	29	6.7%
Ba	9933128	1240	1280	3.2%	9933142	850	832	2.1%	9933153	744	696	6.7%	9933167	1210	1220	0.8%
Be	9933128	2.02	1.95	3.5%	9933142	1.9	1.9	0.0%	9933153	1.9	1.8	5.4%	9933167	2.77	2.73	1.5%
Bi	9933128	< 1	< 1	0.0%	9933142	< 1	< 1	0.0%	9933153	< 1	< 1	0.0%	9933167	< 1	< 1	0.0%
Ca	9933128	1.84	1.82	1.1%	9933142	2.06	2.02	2.0%	9933153	2.21	2.06	7.0%	9933167	2.10	2.10	0.0%
Cd	9933128	< 0.5	< 0.5	0.0%	9933142	< 0.5	< 0.5	0.0%	9933153	< 0.5	< 0.5	0.0%	9933167	< 0.5	< 0.5	0.0%
Ce	9933128	81	87	7.1%	9933142	47	48	2.1%	9933153	46	48	4.3%	9933167	56	57	1.8%
Co	9933128	6.5	5.9	9.7%	9933142	5.7	5.7	0.0%	9933153	6.08	6.35	4.3%	9933167	8.60	8.25	4.2%
Cr	9933128	70.5	70.5	0.0%	9933142	70.6	71.6	1.4%	9933153	73.5	88.4	18.4%	9933167	89.9	87.5	2.7%
Cu	9933128	19.8	19.7	0.5%	9933142	4.7	5.1	8.2%	9933153	17.1	16.6	3.0%	9933167	13.4	13.7	2.2%
Fe	9933128	1.72	1.67	2.9%	9933142	1.84	1.85	0.5%	9933153	1.92	1.86	3.2%	9933167	2.20	2.20	0.0%
Ga	9933128	24	23	4.3%	9933142	27	25	7.7%	9933153	27	25	7.7%	9933167	29	28	3.5%
In	9933128	< 1	< 1	0.0%	9933142	< 1	< 1	0.0%	9933153	< 1	< 1	0.0%	9933167	< 1	< 1	0.0%
K	9933128	2.33	2.34	0.4%	9933142	2.06	2.05	0.5%	9933153	1.83	1.74	5.0%	9933167	1.62	1.63	0.6%
La	9933128	38	41	7.6%	9933142	23	22	4.4%	9933153	23	23	0.0%	9933167	27	27	0.0%
Li	9933128	20	20	0.0%	9933142	23	23	0.0%	9933153	10	9	10.5%	9933167	31	31	0.0%
Mg	9933128	0.66	0.66	0.0%	9933142	0.78	0.78	0.0%	9933153	0.72	0.69	4.3%	9933167	1.18	1.17	0.9%
Mn	9933128	281	279	0.7%	9933142	312	315	1.0%	9933153	330	318	3.7%	9933167	368	369	0.3%
Mo	9933128	8.33	7.34	12.6%	9933142	7.58	6.74	11.7%	9933153	8.1	6.8	17.4%	9933167	7.2	7.2	0.0%
Na	9933128	4.12	4.15	0.7%	9933142	4.30	4.16	3.3%	9933153	4.48	4.21	6.2%	9933167	4.51	4.47	0.9%
Ni	9933128	14.8	12.8	14.5%	9933142	21.2	19.7	7.3%	9933153	18.6	18.0	3.3%	9933167	38.2	36.0	5.9%
P	9933128	476	460	3.4%	9933142	528	497	6.0%	9933153	581	568	2.3%	9933167	735	711	3.3%
Pb	9933128	< 20	< 20	0.0%	9933142	< 20	< 20	0.0%	9933153	< 20	< 20	0.0%	9933167	22	20	9.5%
Rb	9933128	< 50	< 50	0.0%	9933142	< 50	< 50	0.0%	9933153	< 50	< 50	0.0%	9933167	< 50	< 50	0.0%
S	9933128	0.43	0.43	0.0%	9933142	0.13	0.13	0.0%	9933153	0.33	0.31	6.3%	9933167	0.19	0.19	0.0%
Sb	9933128	2	< 1		9933142	< 1	2		9933153	< 1	< 1	0.0%	9933167	3	2	40.0%
Sc	9933128	4	3	28.6%	9933142	4	4	0.0%	9933153	5	5	0.0%	9933167	5	5	0.0%
Se	9933128	< 10	< 10	0.0%	9933142	< 10	< 10	0.0%	9933153	< 10	< 10	0.0%	9933167	< 10	< 10	0.0%
Sn	9933128	< 5	< 5	0.0%	9933142	< 5	< 5	0.0%	9933153	< 5	< 5	0.0%	9933167	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

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Sr	9933128	631	628	0.5%	9933142	647	641	0.9%	9933153	732	684	6.8%	9933167	666	659	1.1%
Ta	9933128	< 10	< 10	0.0%	9933142	< 10	< 10	0.0%	9933153	< 10	< 10	0.0%	9933167	< 10	< 10	0.0%
Te	9933128	< 10	< 10	0.0%	9933142	< 10	< 10	0.0%	9933153	< 10	< 10	0.0%	9933167	11	14	24.0%
Th	9933128	9	9	0.0%	9933142	< 5	< 5	0.0%	9933153	< 5	< 5	0.0%	9933167	< 5	< 5	0.0%
Ti	9933128	0.12	0.12	0.0%	9933142	0.17	0.17	0.0%	9933153	0.17	0.17	0.0%	9933167	0.19	0.19	0.0%
Tl	9933128	< 5	< 5	0.0%	9933142	< 5	< 5	0.0%	9933153	< 5	< 5	0.0%	9933167	< 5	< 5	0.0%
U	9933128	< 50	< 50	0.0%	9933142	< 50	< 50	0.0%	9933153	< 50	< 50	0.0%	9933167	< 50	< 50	0.0%
V	9933128	27.8	26.8	3.7%	9933142	34.1	32.7	4.2%	9933153	33.0	31.6	4.3%	9933167	43.9	42.5	3.2%
W	9933128	< 1	2		9933142	< 1	< 1	0.0%	9933153	< 1	1		9933167	1	2	
Y	9933128	7	7	0.0%	9933142	7	7	0.0%	9933153	7	7	0.0%	9933167	7	7	0.0%
Zn	9933128	26.3	25.6	2.7%	9933142	43.7	43.1	1.4%	9933153	45.2	42.8	5.5%	9933167	159	157	1.3%
Zr	9933128	62	64	3.2%	9933142	76	76	0.0%	9933153	75	80	6.5%	9933167	82	79	3.7%

Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	9933178	< 0.5	< 0.5	0.0%	9933192	< 0.5	< 0.5	0.0%								
Al	9933178	7.89	7.93	0.5%	9933192	7.80	7.89	1.1%								
As	9933178	3	4	28.6%	9933192	5	6	18.2%								
Ba	9933178	969	949	2.1%	9933192	834	830	0.5%								
Be	9933178	2.0	2.0	0.0%	9933192	2.7	2.6	3.8%								
Bi	9933178	< 1	< 1	0.0%	9933192	< 1	< 1	0.0%								
Ca	9933178	1.65	1.59	3.7%	9933192	2.65	2.61	1.5%								
Cd	9933178	< 0.5	< 0.5	0.0%	9933192	< 0.5	< 0.5	0.0%								
Ce	9933178	35	36	2.8%	9933192	60	60	0.0%								
Co	9933178	7.7	6.9	11.0%	9933192	14.0	14.2	1.4%								
Cr	9933178	83.0	76.6	8.0%	9933192	86.8	107	20.8%								
Cu	9933178	61.5	59.9	2.6%	9933192	42.8	41.8	2.4%								
Fe	9933178	2.11	2.00	5.4%	9933192	2.48	2.51	1.2%								
Ga	9933178	26	25	3.9%	9933192	27	28	3.6%								
In	9933178	< 1	< 1	0.0%	9933192	< 1	< 1	0.0%								
K	9933178	2.07	2.05	1.0%	9933192	1.73	1.75	1.1%								
La	9933178	17	17	0.0%	9933192	31	31	0.0%								
Li	9933178	11	10	9.5%	9933192	19	20	5.1%								
Mg	9933178	0.70	0.61	13.7%	9933192	1.34	1.36	1.5%								
Mn	9933178	190	179	6.0%	9933192	393	393	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

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Mo	9933178	9.58	7.10	29.7%	9933192	20.3	20.6	1.5%								
Na	9933178	4.13	4.09	1.0%	9933192	4.08	4.04	1.0%								
Ni	9933178	18.3	16.0	13.4%	9933192	57.1	57.4	0.5%								
P	9933178	633	625	1.3%	9933192	965	963	0.2%								
Pb	9933178	< 20	< 20	0.0%	9933192	< 20	< 20	0.0%								
Rb	9933178	< 50	< 50	0.0%	9933192	< 50	< 50	0.0%								
S	9933178	0.599	0.581	3.1%	9933192	0.39	0.39	0.0%								
Sb	9933178	2	3		9933192	3	2									
Sc	9933178	3	3	0.0%	9933192	6	6	0.0%								
Se	9933178	< 10	< 10	0.0%	9933192	< 10	< 10	0.0%								
Sn	9933178	< 5	< 5	0.0%	9933192	< 5	< 5	0.0%								
Sr	9933178	628	627	0.2%	9933192	994	986	0.8%								
Ta	9933178	< 10	< 10	0.0%	9933192	< 10	< 10	0.0%								
Te	9933178	< 10	< 10	0.0%	9933192	< 10	12									
Th	9933178	< 5	< 5	0.0%	9933192	< 5	< 5	0.0%								
Ti	9933178	0.14	0.14	0.0%	9933192	0.205	0.209	1.9%								
Tl	9933178	< 5	< 5	0.0%	9933192	< 5	< 5	0.0%								
U	9933178	< 50	< 50	0.0%	9933192	< 50	< 50	0.0%								
V	9933178	29.8	28.0	6.2%	9933192	59.0	59.1	0.2%								
W	9933178	< 1	1		9933192	2	< 1									
Y	9933178	6	6	0.0%	9933192	8	8	0.0%								
Zn	9933178	55.4	52.8	4.8%	9933192	96.1	94.6	1.6%								
Zr	9933178	77	73	5.3%	9933192	77	80	3.8%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	9933128	0.007	0.008	13.3%	9933142	0.007	0.007	0.0%	9933153	0.0251	0.0241	4.1%	9933167	0.005	0.005	0.0%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	9933178	0.048	0.048	0.0%	9933192	0.012	0.012	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

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**(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish**

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.83	99%	90% - 110%	8.17	8.29	101%	90% - 110%	6.96	6.95	100%	90% - 110%	10.95	10.52	96%	90% - 110%
As					26	28	106%	90% - 110%	124	125	101%	90% - 110%				
Ba	340	337	99%	90% - 110%	540	528	98%	90% - 110%	186	187	101%	90% - 110%	340	330	97%	90% - 110%
Be	2.6	2.7	105%	90% - 110%	4.0	4.3	108%	90% - 110%					2.6	2.9	110%	90% - 110%
Ca	5.72	5.62	98%	90% - 110%	0.907	0.917	101%	90% - 110%	4.01	4.04	101%	90% - 110%	5.72	5.64	99%	90% - 110%
Ce	122	116	95%	90% - 110%	98	103	105%	90% - 110%	24	22	91%	90% - 110%	122	117	96%	90% - 110%
Co									22.1	21.2	96%	90% - 110%				
Cr					60.3	63.1	105%	90% - 110%								
Cu					150	153	102%	90% - 110%	88.6	86.9	98%	90% - 110%				
Fe	4.34	4.13	95%	90% - 110%	3.77	3.79	100%	90% - 110%	7.56	7.63	101%	90% - 110%	4.34	4.1	95%	90% - 110%
Ga	35	35	99%	90% - 110%									35	38	107%	90% - 110%
K	1.37	1.43	105%	90% - 110%					2.021	2.063	102%	90% - 110%	1.37	1.38	100%	90% - 110%
La	58	52	90%	90% - 110%	44	44	101%	90% - 110%					58	53	92%	90% - 110%
Li	37	38	104%	90% - 110%	47	47	99%	90% - 110%					37	37	99%	90% - 110%
Mg	0.325	0.299	92%	90% - 110%	1.10	1.09	99%	90% - 110%	2.412	2.455	102%	90% - 110%	0.325	0.299	92%	90% - 110%
Mn					780	785	101%	90% - 110%	1510	1518	101%	90% - 110%				
Mo					14	13	90%	90% - 110%								
Na	5.267	5.393	102%	90% - 110%	1.624	1.72	106%	90% - 110%	0.617	0.636	103%	90% - 110%	5.267	5.287	100%	90% - 110%
Ni					32	34	106%	90% - 110%	77.1	74.2	96%	90% - 110%				
P					750	818	109%	90% - 110%	892	970	109%	90% - 110%				
Pb	10	8	80%	90% - 110%	31	33	107%	90% - 110%					10	9	93%	90% - 110%
S									0.348	0.332	95%	90% - 110%				
Sc					12	13	105%	90% - 110%								
Sr	1191	1189	100%	90% - 110%	144	154	107%	90% - 110%	92.8	92	99%	90% - 110%	1191	1176	99%	90% - 110%
Ti	0.172	0.165	96%	90% - 110%	0.53	0.48	90%	90% - 110%					0.172	0.163	94%	90% - 110%
V					77	80	104%	90% - 110%								
Y	119	117	98%	90% - 110%									119	120	100%	90% - 110%
Zn	93	91	98%	90% - 110%	130	128	98%	90% - 110%	208	223	107%	90% - 110%	93	94	101%	90% - 110%

**(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)**

Parameter	CRM #1 (ref.GSP5G)				CRM #2 (ref.1P5Q)				CRM #3 (ref.GS5W)				CRM #4 (ref.GSP7M)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits



**AGAT** Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 19T442084

PROJECT: AGAT00535

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Au	0.562	0.577	102%	90% - 110%	1.329	1.311	99%	90% - 110%	5.27	4.99	95%	90% - 110%	0.725	0.698	96%	90% - 110%
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## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00535  
 SAMPLING SITE:

AGAT WORK ORDER: 19T442084  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE



CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00536

AGAT WORK ORDER: 19T442104

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Mar 14, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T442104

PROJECT: AGAT00536

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Feb 27, 2019      DATE RECEIVED: Feb 28, 2019      DATE REPORTED: Mar 14, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D59595 (9933246)		1.91
D59596 (9933247)		1.95
D59597 (9933248)		1.93
D59598 (9933249)		1.93
D59599 (9933250)		2.01
D59600 (9933251)		1.05
D59601 (9933252)		1.11
D59602 (9933253)		1.62
D59603 (9933254)		1.71
D59604 (9933255)		1.33
D59605 (9933256)		1.35
D59606 (9933257)		0.0700
D59607 (9933258)		0.900
D59608 (9933259)		2.17
D59609 (9933260)		1.97
D59610 (9933261)		1.85
D59611 (9933262)		2.65
D59612 (9933263)		0.640
D59613 (9933264)		0.900
D59614 (9933265)		1.81
D59615 (9933266)		1.96
D59616 (9933267)		1.87
D59617 (9933268)		1.61
D59618 (9933269)		1.61
D59619 (9933270)		1.91
D59620 (9933271)		1.77
D59621 (9933272)		1.88
D59622 (9933273)		0.420
D59623 (9933274)		1.25
D59624 (9933275)		0.870
D59625 (9933276)		1.06

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T442104

PROJECT: AGAT00536

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Feb 27, 2019      DATE RECEIVED: Feb 28, 2019      DATE REPORTED: Mar 14, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D59626 (9933277)		0.0700
D59627 (9933278)		1.91
D59628 (9933279)		1.70
D59629 (9933280)		2.11
D59630 (9933281)		2.29
D59631 (9933282)		1.33
D59632 (9933283)		0.720
D59633 (9933284)		1.37
D59634 (9933285)		1.12
D59635 (9933286)		1.41
D59636 (9933287)		1.08
D59637 (9933288)		0.960
D59638 (9933289)		0.960
D59639 (9933290)		1.19
D59640 (9933291)		1.12
D59641 (9933292)		1.99
D59642 (9933293)		1.65
D59643 (9933294)		1.53
D59644 (9933295)		1.89
D59645 (9933296)		1.38
D59646 (9933297)		0.0700
D59647 (9933298)		1.67
D59648 (9933299)		1.37
D59649 (9933300)		1.82
D59650 (9933301)		1.79
D59651 (9933302)		1.83
D59652 (9933303)		1.07
D59653 (9933304)		1.39
D59654 (9933305)		1.94
D59655 (9933306)		2.24
D59656 (9933307)		1.91

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T442104

PROJECT: AGAT00536

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Feb 27, 2019	DATE RECEIVED: Feb 28, 2019	DATE REPORTED: Mar 14, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D59657 (9933308)		2.53
D59658 (9933309)		2.53
D59659 (9933310)		0.660
D59660 (9933311)		1.28
D59661 (9933312)		1.83
D59662 (9933313)		2.48
D59663 (9933314)		1.72
D59664 (9933315)		1.52
D59665 (9933316)		1.31
D59666 (9933317)		0.0700

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T442104

PROJECT: AGAT00536

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Feb 27, 2019	DATE RECEIVED: Feb 28, 2019							DATE REPORTED: Mar 14, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D59595 (9933246)	<0.5	7.86	8	1080	2.4	<1	1.72	<0.5	35	9.4	92.7	56.3	1.60	23	
D59596 (9933247)	<0.5	7.68	5	1100	2.8	<1	2.16	<0.5	27	5.5	98.3	43.1	1.60	21	
D59597 (9933248)	<0.5	7.85	13	752	1.6	<1	2.57	0.5	32	9.5	119	58.0	1.77	21	
D59598 (9933249)	<0.5	8.13	11	785	1.6	<1	2.65	<0.5	32	9.2	134	61.1	1.84	21	
D59599 (9933250)	<0.5	7.30	11	925	1.9	<1	2.17	<0.5	34	7.5	106	37.7	1.69	22	
D59600 (9933251)	<0.5	2.49	<1	743	6.7	<1	6.11	<0.5	95	63.7	709	115	9.00	41	
D59601 (9933252)	<0.5	4.93	14	454	8.7	<1	5.09	<0.5	237	29.9	1050	78.8	4.26	28	
D59602 (9933253)	<0.5	2.48	5	691	3.8	<1	6.81	<0.5	331	59.7	1480	93.9	7.87	36	
D59603 (9933254)	<0.5	7.85	4	450	2.1	<1	2.56	<0.5	31	7.8	92.0	26.8	2.23	24	
D59604 (9933255)	<0.5	7.08	10	994	1.9	<1	2.48	<0.5	55	6.9	122	24.9	2.24	24	
D59605 (9933256)	<0.5	7.74	4	685	1.8	<1	1.84	<0.5	39	5.8	106	16.1	1.92	24	
D59606 (9933257)	<0.5	7.49	4	154	0.7	<1	6.95	<0.5	6	40.2	183	163	7.93	13	
D59607 (9933258)	<0.5	2.57	2	606	6.2	<1	7.38	<0.5	142	53.8	568	89.9	7.08	37	
D59608 (9933259)	<0.5	5.88	2	588	2.5	<1	2.95	<0.5	56	15.6	181	48.2	2.80	25	
D59609 (9933260)	<0.5	7.30	2	731	1.4	<1	1.80	<0.5	42	3.4	76.1	16.6	1.68	21	
D59610 (9933261)	<0.5	7.07	4	810	1.9	<1	2.22	<0.5	40	9.6	121	39.0	2.18	25	
D59611 (9933262)	<0.5	7.50	4	993	1.5	<1	1.39	<0.5	34	3.1	122	16.0	1.52	20	
D59612 (9933263)	<0.5	0.06	4	16	<0.5	2	31.9	<0.5	<1	0.8	6.3	<0.5	0.08	11	
D59613 (9933264)	<0.5	7.82	3	301	1.6	<1	2.04	<0.5	32	5.2	98.9	31.0	2.18	23	
D59614 (9933265)	<0.5	6.93	3	1050	1.2	<1	0.87	<0.5	16	1.2	82.3	12.1	1.27	17	
D59615 (9933266)	<0.5	7.41	4	751	1.2	<1	1.58	<0.5	29	4.1	84.8	21.0	1.49	18	
D59616 (9933267)	<0.5	6.63	3	780	4.5	<1	2.31	<0.5	47	15.1	173	35.2	2.87	26	
D59617 (9933268)	<0.5	7.40	6	1240	1.9	<1	1.50	<0.5	35	3.8	76.5	28.9	1.69	22	
D59618 (9933269)	<0.5	7.12	5	1210	1.9	<1	1.45	<0.5	37	4.0	81.7	27.2	1.64	22	
D59619 (9933270)	<0.5	1.83	7	171	6.5	<1	8.78	<0.5	88	54.3	385	60.6	6.23	29	
D59620 (9933271)	<0.5	7.20	5	1040	2.1	<1	1.48	<0.5	35	5.1	110	34.7	1.91	23	
D59621 (9933272)	<0.5	6.76	<1	1080	1.0	<1	1.17	<0.5	29	3.2	79.6	18.4	1.28	17	
D59622 (9933273)	<0.5	7.31	2	811	1.3	<1	1.59	<0.5	32	5.2	114	23.7	1.80	21	
D59623 (9933274)	<0.5	4.33	<1	321	4.3	<1	5.65	<0.5	58	46.2	362	93.6	6.18	34	
D59624 (9933275)	<0.5	7.20	4	919	2.6	<1	1.55	<0.5	41	5.4	94.9	27.6	1.96	23	
D59625 (9933276)	<0.5	6.99	6	979	1.3	<1	1.93	<0.5	77	5.1	85.1	18.2	2.07	21	
D59626 (9933277)	<0.5	7.83	<1	206	1.5	<1	6.27	<0.5	18	40.5	191	112	7.74	15	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T442104

PROJECT: AGAT00536

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Feb 27, 2019	DATE RECEIVED: Feb 28, 2019							DATE REPORTED: Mar 14, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D59627 (9933278)	<0.5	6.76	7	802	1.4	<1	1.59	<0.5	35	5.4	95.2	36.2	1.72	20	
D59628 (9933279)	<0.5	7.17	5	666	1.6	<1	1.98	<0.5	53	5.4	108	48.5	1.69	21	
D59629 (9933280)	1.0	7.20	10	1010	1.6	<1	1.46	<0.5	83	7.0	112	55.5	2.20	22	
D59630 (9933281)	<0.5	2.93	8	585	6.4	<1	8.72	<0.5	116	43.2	221	97.0	7.10	34	
D59631 (9933282)	<0.5	7.49	9	1070	1.5	<1	1.48	<0.5	40	7.0	80.3	63.7	1.83	23	
D59632 (9933283)	<0.5	0.08	3	17	<0.5	<1	33.0	<0.5	<1	0.6	10.8	<0.5	0.08	10	
D59633 (9933284)	<0.5	6.78	4	1160	1.4	<1	0.92	<0.5	44	0.9	64.8	6.7	1.20	16	
D59634 (9933285)	<0.5	6.85	4	1760	1.3	<1	0.99	<0.5	24	<0.5	71.9	3.1	0.81	17	
D59635 (9933286)	<0.5	5.24	2	736	3.1	<1	5.11	<0.5	48	22.3	258	56.0	3.37	26	
D59636 (9933287)	<0.5	7.13	2	2330	1.1	<1	0.83	<0.5	9	<0.5	84.7	3.5	0.88	14	
D59637 (9933288)	<0.5	4.52	7	1380	2.2	1	7.39	<0.5	132	19.3	124	56.3	4.15	23	
D59638 (9933289)	<0.5	4.34	9	1360	2.2	<1	7.53	<0.5	136	20.6	131	56.1	4.12	26	
D59639 (9933290)	<0.5	7.95	3	2910	0.6	<1	0.54	<0.5	25	<0.5	65.0	4.1	0.43	13	
D59640 (9933291)	<0.5	7.42	8	2460	2.8	<1	1.22	<0.5	86	1.9	73.3	7.4	1.08	19	
D59641 (9933292)	<0.5	3.19	2	699	9.4	<1	6.36	<0.5	92	48.4	446	87.8	7.65	37	
D59642 (9933293)	<0.5	7.55	5	2080	1.6	<1	1.43	<0.5	12	1.7	65.7	4.7	0.91	18	
D59643 (9933294)	<0.5	7.42	2	1600	1.2	<1	1.50	<0.5	32	2.1	81.7	15.1	1.75	20	
D59644 (9933295)	<0.5	6.64	3	1170	1.1	<1	1.18	<0.5	67	0.8	88.3	6.4	1.06	14	
D59645 (9933296)	<0.5	6.76	1	1330	1.0	<1	1.23	<0.5	34	4.6	117	46.7	1.84	17	
D59646 (9933297)	<0.5	7.32	3	152	1.1	<1	6.64	<0.5	6	40.9	189	158	7.65	14	
D59647 (9933298)	<0.5	7.27	4	2060	0.7	1	0.86	<0.5	13	<0.5	66.5	10.8	0.82	12	
D59648 (9933299)	<0.5	6.73	2	1500	0.9	<1	1.10	<0.5	16	0.8	73.0	14.6	0.88	13	
D59649 (9933300)	<0.5	7.97	3	673	1.4	<1	1.87	<0.5	32	4.0	103	26.9	2.00	21	
D59650 (9933301)	<0.5	7.06	6	795	1.5	<1	1.61	<0.5	30	3.5	106	15.7	1.83	21	
D59651 (9933302)	2.1	5.44	1	2250	1.2	<1	0.50	<0.5	16	0.6	116	6.9	1.37	14	
D59652 (9933303)	<0.5	0.07	<1	17	<0.5	<1	31.3	<0.5	<1	0.5	14.0	<0.5	0.09	12	
D59653 (9933304)	<0.5	2.66	<1	417	5.4	<1	8.99	<0.5	118	43.4	424	77.6	6.32	34	
D59654 (9933305)	1.0	6.49	4	2480	1.0	<1	0.69	<0.5	25	<0.5	85.3	3.8	1.00	14	
D59655 (9933306)	<0.5	6.01	5	2450	0.6	<1	0.46	<0.5	7	<0.5	66.1	1.9	0.36	10	
D59656 (9933307)	0.8	6.48	4	1690	1.5	<1	1.51	<0.5	40	2.0	118	6.6	0.93	17	
D59657 (9933308)	<0.5	5.21	10	686	5.3	<1	5.20	<0.5	70	20.5	203	63.4	3.83	28	
D59658 (9933309)	<0.5	5.13	10	652	5.9	<1	5.45	<0.5	67	21.9	256	60.8	3.84	31	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T442104

PROJECT: AGAT00536

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Feb 27, 2019	DATE RECEIVED: Feb 28, 2019					DATE REPORTED: Mar 14, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D59659 (9933310)	0.5	7.24	8	917	1.6	<1	1.82	<0.5	33	6.9	108	63.3	1.90	20	
D59660 (9933311)	<0.5	5.73	14	1270	2.3	<1	2.76	<0.5	46	14.6	276	40.2	2.25	22	
D59661 (9933312)	<0.5	6.81	18	2230	1.2	<1	1.39	<0.5	36	4.1	71.2	10.5	0.92	19	
D59662 (9933313)	<0.5	2.75	3	727	4.9	<1	7.77	<0.5	133	58.2	644	81.8	7.35	35	
D59663 (9933314)	<0.5	7.01	2	2170	1.2	<1	0.89	<0.5	48	<0.5	64.5	3.2	0.61	13	
D59664 (9933315)	<0.5	6.89	5	2590	0.7	<1	0.66	<0.5	61	<0.5	82.6	6.4	0.65	13	
D59665 (9933316)	<0.5	7.43	4	682	1.2	<1	1.76	<0.5	46	7.0	136	58.9	2.41	21	
D59666 (9933317)	<0.5	7.63	<1	202	1.5	<1	6.22	<0.5	17	37.7	192	111	7.47	15	

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Feb 27, 2019	DATE RECEIVED: Feb 28, 2019					DATE REPORTED: Mar 14, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D59595 (9933246)	<1	2.96	16	11	0.58	222	21.9	3.27	27.8	490	25	<50	0.43	<1	
D59596 (9933247)	<1	2.43	13	11	0.57	255	13.8	2.94	13.5	355	<20	<50	0.34	1	
D59597 (9933248)	<1	3.53	16	10	0.54	356	10.2	2.59	25.7	386	53	<50	0.44	<1	
D59598 (9933249)	<1	3.66	15	10	0.57	358	11.8	2.70	25.6	382	49	<50	0.46	1	
D59599 (9933250)	<1	2.52	17	18	0.83	259	10.9	2.89	22.0	542	<20	<50	0.24	2	
D59600 (9933251)	<1	2.10	47	36	10.6	1290	1.5	1.41	506	2300	22	<50	0.21	6	
D59601 (9933252)	<1	1.58	96	38	3.25	608	5.6	3.57	152	1390	<20	<50	0.23	<1	
D59602 (9933253)	<1	2.29	136	50	8.54	1160	<0.5	1.28	396	649	<20	<50	0.11	2	
D59603 (9933254)	<1	1.50	16	22	0.86	349	9.0	4.00	22.1	485	<20	<50	0.15	<1	
D59604 (9933255)	<1	3.41	28	12	1.14	319	10.1	2.89	30.0	1100	<20	<50	0.11	2	
D59605 (9933256)	<1	2.03	19	21	0.85	241	11.3	3.70	16.1	413	<20	<50	0.08	1	
D59606 (9933257)	<1	0.21	3	13	4.44	1410	<0.5	2.45	84.4	409	<20	<50	0.14	4	
D59607 (9933258)	<1	2.13	70	48	9.01	1270	0.6	2.18	395	1910	<20	<50	0.14	1	
D59608 (9933259)	<1	2.25	26	31	2.02	397	12.4	2.69	81.9	449	<20	<50	0.24	<1	
D59609 (9933260)	<1	1.92	20	16	0.69	278	11.2	3.44	9.8	372	<20	<50	0.10	1	
D59610 (9933261)	<1	2.29	19	28	1.21	343	10.4	3.14	42.3	575	<20	<50	0.17	<1	
D59611 (9933262)	<1	3.41	17	10	0.44	282	15.8	3.05	9.6	360	<20	<50	0.12	<1	
D59612 (9933263)	<1	0.02	3	<1	2.18	41	1.1	0.04	<0.5	78	<20	<50	<0.01	3	
D59613 (9933264)	<1	1.51	16	11	0.57	180	11.7	3.67	9.8	475	<20	<50	0.21	1	
D59614 (9933265)	<1	4.11	9	17	0.33	123	15.3	2.53	5.2	287	72	<50	0.10	<1	
D59615 (9933266)	<1	2.62	14	6	0.32	325	12.5	3.01	8.7	334	<20	<50	0.16	3	
D59616 (9933267)	<1	2.80	23	44	1.79	594	11.6	2.89	70.5	613	<20	<50	0.23	2	
D59617 (9933268)	<1	3.45	17	26	0.72	204	10.3	3.44	10.2	675	<20	<50	0.24	2	
D59618 (9933269)	<1	3.29	18	25	0.71	198	10.2	3.36	9.2	686	<20	<50	0.24	2	
D59619 (9933270)	<1	1.57	41	99	8.36	1190	1.8	1.99	396	486	<20	<50	0.08	1	
D59620 (9933271)	<1	3.27	18	26	0.71	213	14.5	2.91	11.9	640	<20	<50	0.31	2	
D59621 (9933272)	<1	3.64	14	8	0.31	111	13.0	2.40	8.6	274	<20	<50	0.14	1	
D59622 (9933273)	<1	2.76	15	10	0.48	151	15.7	3.00	10.9	356	<20	<50	0.17	<1	
D59623 (9933274)	<1	2.24	28	42	5.73	941	3.7	3.25	290	688	<20	<50	0.11	2	
D59624 (9933275)	<1	1.91	20	28	0.79	211	14.7	3.72	17.0	535	<20	<50	0.18	1	
D59625 (9933276)	<1	3.14	39	11	0.68	516	16.9	2.68	13.9	392	<20	<50	0.18	<1	
D59626 (9933277)	<1	0.46	10	10	4.46	1370	<0.5	2.39	106	845	<20	<50	0.08	<1	

Certified By:





# Certificate of Analysis

AGAT WORK ORDER: 19T442104

PROJECT: AGAT00536

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Feb 27, 2019	DATE RECEIVED: Feb 28, 2019					DATE REPORTED: Mar 14, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D59627 (9933278)	<1	2.55	17	10	0.48	173	16.2	2.75	14.9	360	<20	<50	0.26	<1	
D59628 (9933279)	<1	1.85	26	8	0.43	203	13.9	2.94	12.1	384	<20	<50	0.32	<1	
D59629 (9933280)	<1	3.24	43	12	0.51	417	18.1	2.66	14.5	442	<20	<50	0.38	<1	
D59630 (9933281)	<1	3.13	54	58	6.08	1270	2.6	1.99	204	2070	<20	<50	0.30	3	
D59631 (9933282)	<1	4.04	21	16	0.51	178	12.8	2.90	17.7	517	<20	<50	0.45	<1	
D59632 (9933283)	<1	0.02	2	<1	1.76	43	1.1	0.05	0.6	76	<20	<50	<0.01	<1	
D59633 (9933284)	<1	3.73	22	10	0.39	329	14.5	2.67	5.2	811	<20	<50	0.07	<1	
D59634 (9933285)	<1	4.65	13	13	0.39	96	22.9	2.35	9.8	506	<20	<50	0.04	3	
D59635 (9933286)	<1	2.39	24	66	3.13	548	13.0	2.54	125	663	<20	<50	0.25	<1	
D59636 (9933287)	<1	4.92	6	7	0.27	102	13.7	2.33	3.6	190	<20	<50	0.03	<1	
D59637 (9933288)	<1	4.41	62	9	2.79	969	6.3	1.58	69.3	5940	<20	<50	0.16	<1	
D59638 (9933289)	<1	4.25	65	7	2.75	957	6.1	1.57	72.4	6410	<20	<50	0.16	1	
D59639 (9933290)	<1	7.66	14	2	0.13	188	16.4	1.92	3.4	346	<20	55	0.04	<1	
D59640 (9933291)	<1	6.69	45	14	0.61	211	16.4	1.93	12.0	664	47	<50	0.12	<1	
D59641 (9933292)	<1	3.19	42	51	7.57	1170	1.2	2.19	321	1100	<20	<50	0.14	3	
D59642 (9933293)	<1	4.46	7	7	0.53	186	11.7	2.70	18.7	480	<20	<50	0.03	<1	
D59643 (9933294)	<1	3.90	17	9	0.51	457	15.1	2.68	7.5	284	<20	<50	0.09	1	
D59644 (9933295)	<1	2.60	35	5	0.22	501	22.8	2.70	4.6	236	<20	<50	0.04	<1	
D59645 (9933296)	<1	3.27	17	8	0.33	274	17.7	2.43	13.2	219	<20	<50	0.28	2	
D59646 (9933297)	<1	0.21	4	12	4.29	1370	<0.5	2.36	83.6	395	<20	<50	0.13	2	
D59647 (9933298)	<1	5.38	7	6	0.14	236	14.5	2.05	3.9	119	<20	<50	0.08	<1	
D59648 (9933299)	<1	4.09	8	6	0.19	115	14.4	2.32	5.0	227	<20	<50	0.10	1	
D59649 (9933300)	<1	2.41	15	13	0.54	193	16.7	3.26	7.1	433	29	<50	0.18	<1	
D59650 (9933301)	<1	2.34	15	10	0.50	219	14.7	2.98	7.2	402	<20	<50	0.11	<1	
D59651 (9933302)	<1	5.12	3	10	0.38	186	26.7	1.25	3.7	180	<20	<50	0.08	2	
D59652 (9933303)	1	0.02	3	<1	2.76	57	1.2	0.04	0.6	67	<20	<50	<0.01	1	
D59653 (9933304)	<1	1.89	57	43	7.04	1160	2.2	2.57	240	618	<20	<50	0.20	<1	
D59654 (9933305)	<1	5.86	11	6	0.30	125	26.4	1.68	3.7	270	<20	<50	0.04	1	
D59655 (9933306)	<1	5.61	3	2	0.10	43	20.1	1.49	3.1	223	<20	<50	0.02	<1	
D59656 (9933307)	<1	4.15	19	12	0.53	145	18.5	2.35	17.9	413	<20	<50	0.07	<1	
D59657 (9933308)	<1	2.33	33	57	3.49	612	8.8	2.81	118	519	<20	<50	0.22	2	
D59658 (9933309)	<1	2.36	31	60	3.46	607	7.6	2.96	122	470	<20	<50	0.20	3	

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## Certificate of Analysis

AGAT WORK ORDER: 19T442104

PROJECT: AGAT00536

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Feb 27, 2019	DATE RECEIVED: Feb 28, 2019		DATE REPORTED: Mar 14, 2019				SAMPLE TYPE: Drill Core								
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D59659 (9933310)	<1	1.89	17	15	0.43	124	15.8	3.43	18.3	697	<20	<50	0.51	1	
D59660 (9933311)	<1	2.98	23	29	1.95	384	14.3	2.56	104	633	<20	<50	0.18	<1	
D59661 (9933312)	<1	5.66	17	15	0.69	185	13.1	2.17	38.5	447	27	<50	0.05	1	
D59662 (9933313)	<1	2.01	64	86	9.10	1340	2.0	1.32	494	2240	<20	<50	0.15	4	
D59663 (9933314)	<1	5.03	24	8	0.27	71	13.4	2.26	9.0	352	<20	<50	0.02	1	
D59664 (9933315)	<1	5.46	32	6	0.21	50	17.7	1.97	4.3	191	<20	<50	0.03	<1	
D59665 (9933316)	<1	1.80	24	15	0.50	154	22.6	3.14	12.1	365	<20	<50	0.36	<1	
D59666 (9933317)	<1	0.46	9	11	4.32	1320	<0.5	2.40	108	826	<20	<50	0.08	4	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Feb 27, 2019	DATE RECEIVED: Feb 28, 2019					DATE REPORTED: Mar 14, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D59595 (9933246)	4	<10	<5	482	<10	<10	<5	0.14	<5	<50	34.3	3	5	288	
D59596 (9933247)	4	<10	<5	345	<10	<10	<5	0.13	<5	<50	23.9	3	5	132	
D59597 (9933248)	5	<10	<5	374	<10	<10	<5	0.15	<5	<50	35.9	<1	7	246	
D59598 (9933249)	5	<10	<5	389	<10	<10	<5	0.16	<5	<50	35.3	2	7	259	
D59599 (9933250)	5	<10	<5	345	<10	<10	<5	0.15	<5	<50	32.4	1	7	182	
D59600 (9933251)	20	<10	<5	546	<10	123	<5	2.49	<5	<50	268	2	24	88.0	
D59601 (9933252)	16	<10	<5	502	<10	36	<5	0.65	<5	<50	150	<1	35	115	
D59602 (9933253)	21	<10	<5	612	<10	59	<5	1.09	<5	<50	74.5	<1	28	67.7	
D59603 (9933254)	6	<10	<5	329	<10	<10	<5	0.18	<5	<50	39.1	2	9	125	
D59604 (9933255)	6	<10	<5	422	<10	11	<5	0.29	<5	<50	52.9	2	7	78.7	
D59605 (9933256)	6	<10	<5	314	<10	14	<5	0.18	5	<50	30.1	2	10	92.4	
D59606 (9933257)	45	<10	<5	118	<10	13	<5	0.72	<5	<50	300	2	22	77.9	
D59607 (9933258)	28	<10	<5	917	<10	59	<5	1.15	<5	<50	222	1	22	66.5	
D59608 (9933259)	8	<10	<5	407	<10	12	<5	0.26	<5	<50	54.3	2	10	95.9	
D59609 (9933260)	5	<10	<5	378	<10	<10	<5	0.16	<5	<50	21.8	2	11	86.7	
D59610 (9933261)	8	<10	<5	472	<10	<10	<5	0.22	<5	<50	50.9	2	9	131	
D59611 (9933262)	4	<10	<5	267	<10	<10	<5	0.13	<5	<50	20.0	<1	8	107	
D59612 (9933263)	<1	<10	<5	68	<10	<10	<5	<0.01	9	<50	1.0	<1	2	3.0	
D59613 (9933264)	5	<10	<5	242	<10	10	<5	0.22	<5	<50	32.7	<1	6	156	
D59614 (9933265)	2	<10	<5	188	<10	<10	<5	0.12	<5	<50	11.2	1	3	99.6	
D59615 (9933266)	3	<10	<5	273	<10	<10	<5	0.15	<5	<50	21.3	2	6	84.8	
D59616 (9933267)	9	<10	<5	345	<10	14	<5	0.26	<5	<50	60.0	3	11	108	
D59617 (9933268)	4	<10	<5	340	<10	<10	<5	0.19	<5	<50	30.5	<1	6	96.8	
D59618 (9933269)	4	<10	<5	329	<10	<10	<5	0.19	<5	<50	31.1	<1	6	96.2	
D59619 (9933270)	18	<10	<5	843	<10	12	<5	0.37	<5	<50	176	2	33	64.5	
D59620 (9933271)	5	<10	<5	358	<10	<10	<5	0.18	<5	<50	30.2	2	7	117	
D59621 (9933272)	2	<10	<5	207	<10	<10	<5	0.11	<5	<50	14.6	2	3	68.1	
D59622 (9933273)	3	<10	<5	269	<10	<10	<5	0.16	<5	<50	22.4	1	5	107	
D59623 (9933274)	29	<10	<5	590	<10	17	<5	0.44	<5	<50	206	4	19	78.5	
D59624 (9933275)	5	<10	<5	288	<10	13	<5	0.21	<5	<50	27.4	<1	6	122	
D59625 (9933276)	6	<10	<5	285	<10	<10	14	0.16	<5	<50	26.4	1	11	103	
D59626 (9933277)	35	<10	<5	249	<10	17	<5	0.88	<5	<50	238	2	22	86.8	

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## Certificate of Analysis

AGAT WORK ORDER: 19T442104

PROJECT: AGAT00536

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Feb 27, 2019	DATE RECEIVED: Feb 28, 2019					DATE REPORTED: Mar 14, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D59627 (9933278)	3	<10	<5	249	<10	<10	<5	0.14	<5	<50	22.5	1	5	119	
D59628 (9933279)	4	<10	<5	302	<10	<10	<5	0.14	<5	<50	20.7	<1	8	179	
D59629 (9933280)	6	<10	<5	252	<10	<10	11	0.16	<5	<50	27.7	2	14	154	
D59630 (9933281)	33	<10	<5	972	<10	33	<5	0.74	<5	<50	249	3	37	81.0	
D59631 (9933282)	3	<10	<5	260	<10	<10	<5	0.12	<5	<50	22.8	2	6	125	
D59632 (9933283)	<1	<10	<5	74	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	1.8	
D59633 (9933284)	3	<10	<5	240	<10	<10	<5	0.09	<5	<50	9.8	1	9	45.1	
D59634 (9933285)	3	<10	<5	317	<10	<10	<5	0.09	<5	<50	14.5	2	4	16.1	
D59635 (9933286)	16	<10	<5	538	<10	<10	<5	0.24	<5	<50	91.7	<1	9	58.8	
D59636 (9933287)	2	<10	<5	303	<10	<10	<5	0.08	<5	<50	10.8	<1	2	23.9	
D59637 (9933288)	27	<10	<5	1030	<10	<10	29	0.24	<5	<50	166	3	42	55.1	
D59638 (9933289)	29	<10	<5	1030	<10	<10	32	0.21	<5	<50	182	<1	45	54.9	
D59639 (9933290)	1	<10	<5	343	<10	<10	<5	0.01	<5	<50	3.8	<1	6	8.0	
D59640 (9933291)	6	<10	<5	401	<10	<10	12	0.12	<5	<50	47.1	2	9	391	
D59641 (9933292)	21	<10	<5	778	<10	66	<5	1.35	<5	<50	225	2	22	181	
D59642 (9933293)	2	<10	<5	379	<10	<10	<5	0.08	<5	<50	12.1	<1	4	27.6	
D59643 (9933294)	4	<10	<5	294	<10	<10	<5	0.16	<5	<50	18.4	2	8	71.8	
D59644 (9933295)	3	<10	<5	258	<10	<10	10	0.05	<5	<50	7.8	1	12	23.9	
D59645 (9933296)	3	<10	<5	245	<10	<10	<5	0.12	<5	<50	14.9	<1	6	54.4	
D59646 (9933297)	45	<10	<5	115	<10	16	<5	0.69	<5	<50	298	2	22	75.3	
D59647 (9933298)	1	<10	<5	274	<10	<10	<5	0.05	<5	<50	5.7	<1	5	21.5	
D59648 (9933299)	1	<10	<5	264	<10	<10	<5	0.08	<5	<50	10.2	<1	3	28.5	
D59649 (9933300)	4	<10	<5	299	<10	<10	<5	0.18	<5	<50	21.8	<1	5	97.9	
D59650 (9933301)	3	<10	<5	267	<10	<10	<5	0.18	<5	<50	25.0	2	5	75.8	
D59651 (9933302)	2	<10	<5	223	<10	<10	12	0.14	<5	<50	14.8	2	7	50.5	
D59652 (9933303)	<1	<10	<5	70	<10	<10	<5	<0.01	5	<50	1.0	<1	2	2.9	
D59653 (9933304)	21	<10	<5	810	<10	38	<5	0.77	<5	<50	216	2	23	61.3	
D59654 (9933305)	3	<10	<5	272	<10	<10	7	0.10	<5	<50	18.8	1	4	42.4	
D59655 (9933306)	<1	<10	<5	255	<10	<10	<5	0.03	<5	<50	4.6	1	3	12.8	
D59656 (9933307)	2	<10	<5	308	<10	<10	8	0.10	<5	<50	19.2	1	7	30.0	
D59657 (9933308)	14	<10	<5	537	<10	18	<5	0.47	<5	<50	113	1	16	66.4	
D59658 (9933309)	16	<10	<5	524	<10	21	<5	0.45	<5	<50	129	2	17	65.9	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Feb 27, 2019	DATE RECEIVED: Feb 28, 2019					DATE REPORTED: Mar 14, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:														
D59659 (9933310)	3	<10	<5	295	<10	<10	<5	0.13	<5	<50	22.5	2	7	46.8	
D59660 (9933311)	6	<10	<5	454	<10	<10	<5	0.23	<5	<50	49.4	3	14	38.9	
D59661 (9933312)	2	<10	<5	408	<10	<10	<5	0.08	<5	<50	14.4	1	7	19.7	
D59662 (9933313)	24	<10	<5	954	<10	61	<5	1.24	<5	<50	210	2	26	75.5	
D59663 (9933314)	1	<10	<5	331	<10	<10	8	0.06	<5	<50	7.8	<1	4	16.3	
D59664 (9933315)	<1	<10	<5	292	<10	<10	10	0.05	<5	<50	5.7	1	2	22.6	
D59665 (9933316)	4	<10	<5	268	<10	11	<5	0.19	<5	<50	22.7	<1	3	91.6	
D59666 (9933317)	33	<10	<5	251	<10	16	<5	0.88	<5	<50	227	2	21	87.0	

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Feb 27, 2019      DATE RECEIVED: Feb 28, 2019      DATE REPORTED: Mar 14, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Zr
	Unit:	ppm
	RDL:	5
D59595 (9933246)		99
D59596 (9933247)		98
D59597 (9933248)		88
D59598 (9933249)		88
D59599 (9933250)		112
D59600 (9933251)		278
D59601 (9933252)		145
D59602 (9933253)		47
D59603 (9933254)		119
D59604 (9933255)		103
D59605 (9933256)		157
D59606 (9933257)		51
D59607 (9933258)		160
D59608 (9933259)		147
D59609 (9933260)		176
D59610 (9933261)		121
D59611 (9933262)		139
D59612 (9933263)		<5
D59613 (9933264)		126
D59614 (9933265)		56
D59615 (9933266)		99
D59616 (9933267)		189
D59617 (9933268)		126
D59618 (9933269)		132
D59619 (9933270)		265
D59620 (9933271)		134
D59621 (9933272)		163
D59622 (9933273)		161
D59623 (9933274)		118
D59624 (9933275)		124
D59625 (9933276)		217
D59626 (9933277)		90

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Feb 27, 2019      DATE RECEIVED: Feb 28, 2019      DATE REPORTED: Mar 14, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D59627 (9933278)				136
D59628 (9933279)				151
D59629 (9933280)				249
D59630 (9933281)				168
D59631 (9933282)				116
D59632 (9933283)				<5
D59633 (9933284)				158
D59634 (9933285)				45
D59635 (9933286)				106
D59636 (9933287)				25
D59637 (9933288)				33
D59638 (9933289)				34
D59639 (9933290)				27
D59640 (9933291)				59
D59641 (9933292)				332
D59642 (9933293)				56
D59643 (9933294)				124
D59644 (9933295)				125
D59645 (9933296)				162
D59646 (9933297)				53
D59647 (9933298)				104
D59648 (9933299)				89
D59649 (9933300)				117
D59650 (9933301)				136
D59651 (9933302)				614
D59652 (9933303)				<5
D59653 (9933304)				264
D59654 (9933305)				256
D59655 (9933306)				110
D59656 (9933307)				234
D59657 (9933308)				232
D59658 (9933309)				246

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Feb 27, 2019	DATE RECEIVED: Feb 28, 2019	DATE REPORTED: Mar 14, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D59659 (9933310)				176
D59660 (9933311)				82
D59661 (9933312)				93
D59662 (9933313)				156
D59663 (9933314)				126
D59664 (9933315)				125
D59665 (9933316)				147
D59666 (9933317)				86

Comments: RDL - Reported Detection Limit  
9933246-9933317 As, Sb values may be low due to digestion losses.

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T442104

PROJECT: AGAT00536

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Feb 27, 2019

DATE RECEIVED: Feb 28, 2019

DATE REPORTED: Mar 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D59595 (9933246)			0.031
D59596 (9933247)			0.123
D59597 (9933248)			0.021
D59598 (9933249)			0.020
D59599 (9933250)			0.011
D59600 (9933251)			0.005
D59601 (9933252)			0.010
D59602 (9933253)			0.004
D59603 (9933254)			0.005
D59604 (9933255)			0.006
D59605 (9933256)			0.006
D59606 (9933257)			0.501
D59607 (9933258)			0.004
D59608 (9933259)			0.008
D59609 (9933260)			0.005
D59610 (9933261)			0.006
D59611 (9933262)			0.006
D59612 (9933263)			0.003
D59613 (9933264)			0.008
D59614 (9933265)			0.006
D59615 (9933266)			0.006
D59616 (9933267)			0.007
D59617 (9933268)			0.009
D59618 (9933269)			0.009
D59619 (9933270)			0.005
D59620 (9933271)			0.007
D59621 (9933272)			0.006
D59622 (9933273)			0.008
D59623 (9933274)			0.005
D59624 (9933275)			0.007
D59625 (9933276)			0.006
D59626 (9933277)			0.321

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T442104

PROJECT: AGAT00536

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Feb 27, 2019      DATE RECEIVED: Feb 28, 2019      DATE REPORTED: Mar 14, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D59627 (9933278)			0.008
D59628 (9933279)			0.010
D59629 (9933280)			0.013
D59630 (9933281)			0.005
D59631 (9933282)			0.015
D59632 (9933283)			0.003
D59633 (9933284)			0.004
D59634 (9933285)			0.004
D59635 (9933286)			0.008
D59636 (9933287)			0.040
D59637 (9933288)			0.005
D59638 (9933289)			0.003
D59639 (9933290)			0.004
D59640 (9933291)			0.006
D59641 (9933292)			0.003
D59642 (9933293)			0.005
D59643 (9933294)			0.005
D59644 (9933295)			0.004
D59645 (9933296)			0.008
D59646 (9933297)			0.531
D59647 (9933298)			0.004
D59648 (9933299)			0.009
D59649 (9933300)			0.006
D59650 (9933301)			0.004
D59651 (9933302)			0.003
D59652 (9933303)			0.002
D59653 (9933304)			0.004
D59654 (9933305)			0.003
D59655 (9933306)			0.003
D59656 (9933307)			0.004
D59657 (9933308)			0.005
D59658 (9933309)			0.008

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T442104

PROJECT: AGAT00536

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Feb 27, 2019      DATE RECEIVED: Feb 28, 2019      DATE REPORTED: Mar 14, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D59659 (9933310)			0.009
D59660 (9933311)			0.011
D59661 (9933312)			0.002
D59662 (9933313)			0.004
D59663 (9933314)			0.050
D59664 (9933315)			0.003
D59665 (9933316)			0.009
D59666 (9933317)			0.337

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T442104

PROJECT: AGAT00536

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 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Feb 27, 2019      DATE RECEIVED: Feb 28, 2019      DATE REPORTED: Mar 14, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D59595 (9933246)		79
D59596 (9933247)		81
D59614 (9933265)		82
D59634 (9933285)		87
D59643 (9933294)		87
D59654 (9933305)		87

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	9933246	< 0.5	< 0.5	0.0%	9933260	< 0.5	< 0.5	0.0%	9933271	< 0.5	< 0.5	0.0%	9933285	< 0.5	< 0.5	0.0%
Al	9933246	7.86	7.79	0.9%	9933260	7.30	6.71	8.4%	9933271	7.20	6.85	5.0%	9933285	6.85	7.00	2.2%
As	9933246	8	7	13.3%	9933260	2	2	0.0%	9933271	5	6	18.2%	9933285	4	2	
Ba	9933246	1080	1060	1.9%	9933260	731	683	6.8%	9933271	1040	1010	2.9%	9933285	1760	1810	2.8%
Be	9933246	2.44	2.49	2.0%	9933260	1.43	1.56	8.7%	9933271	2.1	2.2	4.7%	9933285	1.3	1.3	0.0%
Bi	9933246	< 1	< 1	0.0%	9933260	< 1	< 1	0.0%	9933271	< 1	< 1	0.0%	9933285	< 1	< 1	0.0%
Ca	9933246	1.72	1.72	0.0%	9933260	1.80	1.67	7.5%	9933271	1.48	1.39	6.3%	9933285	0.99	1.01	2.0%
Cd	9933246	< 0.5	0.7		9933260	< 0.5	< 0.5	0.0%	9933271	< 0.5	< 0.5	0.0%	9933285	< 0.5	< 0.5	0.0%
Ce	9933246	35	36	2.8%	9933260	42	44	4.7%	9933271	35	35	0.0%	9933285	24	24	0.0%
Co	9933246	9.4	10.0	6.2%	9933260	3.4	4.0	16.2%	9933271	5.1	5.5	7.5%	9933285	< 0.5	< 0.5	0.0%
Cr	9933246	92.7	103	10.5%	9933260	76.1	90.4	17.2%	9933271	110	97.1	12.5%	9933285	71.9	67.1	6.9%
Cu	9933246	56.3	56.5	0.4%	9933260	16.6	15.6	6.2%	9933271	34.7	35.3	1.7%	9933285	3.1	3.6	14.9%
Fe	9933246	1.60	1.59	0.6%	9933260	1.68	1.55	8.0%	9933271	1.91	1.81	5.4%	9933285	0.815	0.827	1.5%
Ga	9933246	23	23	0.0%	9933260	21	21	0.0%	9933271	23	22	4.4%	9933285	17	16	6.1%
In	9933246	< 1	< 1	0.0%	9933260	< 1	< 1	0.0%	9933271	< 1	< 1	0.0%	9933285	< 1	< 1	0.0%
K	9933246	2.96	2.90	2.0%	9933260	1.92	1.76	8.7%	9933271	3.27	3.14	4.1%	9933285	4.65	4.77	2.5%
La	9933246	16	17	6.1%	9933260	20	20	0.0%	9933271	18	17	5.7%	9933285	13	13	0.0%
Li	9933246	11	12	8.7%	9933260	16	15	6.5%	9933271	26	24	8.0%	9933285	13	13	0.0%
Mg	9933246	0.577	0.564	2.3%	9933260	0.69	0.65	6.0%	9933271	0.705	0.669	5.2%	9933285	0.39	0.39	0.0%
Mn	9933246	222	218	1.8%	9933260	278	253	9.4%	9933271	213	200	6.3%	9933285	96	97	1.0%
Mo	9933246	21.9	22.9	4.5%	9933260	11.2	12.1	7.7%	9933271	14.5	15.4	6.0%	9933285	22.9	21.0	8.7%
Na	9933246	3.27	3.26	0.3%	9933260	3.44	3.21	6.9%	9933271	2.91	2.80	3.9%	9933285	2.35	2.40	2.1%
Ni	9933246	27.8	28.8	3.5%	9933260	9.81	10.3	4.9%	9933271	11.9	11.4	4.3%	9933285	9.8	9.7	1.0%
P	9933246	490	496	1.2%	9933260	372	372	0.0%	9933271	640	606	5.5%	9933285	506	510	0.8%
Pb	9933246	25	19	27.3%	9933260	< 20	< 20	0.0%	9933271	< 20	< 20	0.0%	9933285	< 20	< 20	0.0%
Rb	9933246	< 50	< 50	0.0%	9933260	< 50	< 50	0.0%	9933271	< 50	< 50	0.0%	9933285	< 50	< 50	0.0%
S	9933246	0.43	0.43	0.0%	9933260	0.10	0.10	0.0%	9933271	0.31	0.31	0.0%	9933285	0.035	0.033	5.9%
Sb	9933246	< 1	2		9933260	1	1	0.0%	9933271	2	< 1		9933285	3	2	40.0%
Sc	9933246	4	4	0.0%	9933260	5	5	0.0%	9933271	5	5	0.0%	9933285	3	3	0.0%
Se	9933246	< 10	< 10	0.0%	9933260	< 10	< 10	0.0%	9933271	< 10	< 10	0.0%	9933285	< 10	< 10	0.0%
Sn	9933246	< 5	< 5	0.0%	9933260	< 5	< 5	0.0%	9933271	< 5	< 5	0.0%	9933285	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

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Sr	9933246	482	476	1.3%	9933260	378	347	8.6%	9933271	358	342	4.6%	9933285	317	326	2.8%
Ta	9933246	< 10	< 10	0.0%	9933260	< 10	< 10	0.0%	9933271	< 10	< 10	0.0%	9933285	< 10	< 10	0.0%
Te	9933246	< 10	< 10	0.0%	9933260	< 10	< 10	0.0%	9933271	< 10	< 10	0.0%	9933285	< 10	< 10	0.0%
Th	9933246	< 5	< 5	0.0%	9933260	< 5	< 5	0.0%	9933271	< 5	< 5	0.0%	9933285	< 5	< 5	0.0%
Ti	9933246	0.14	0.14	0.0%	9933260	0.16	0.15	6.5%	9933271	0.18	0.17	5.7%	9933285	0.09	0.09	0.0%
Tl	9933246	< 5	< 5	0.0%	9933260	< 5	< 5	0.0%	9933271	< 5	< 5	0.0%	9933285	< 5	< 5	0.0%
U	9933246	< 50	< 50	0.0%	9933260	< 50	< 50	0.0%	9933271	< 50	< 50	0.0%	9933285	< 50	< 50	0.0%
V	9933246	34.3	35.2	2.6%	9933260	21.8	22.7	4.0%	9933271	30.2	28.9	4.4%	9933285	14.5	14.2	2.1%
W	9933246	3	2		9933260	2	1		9933271	2	1		9933285	2	< 1	
Y	9933246	5	5	0.0%	9933260	11	12	8.7%	9933271	7	7	0.0%	9933285	4	4	0.0%
Zn	9933246	288	282	2.1%	9933260	86.7	79.9	8.2%	9933271	117	115	1.7%	9933285	16.1	16.1	0.0%
Zr	9933246	99	102	3.0%	9933260	176	183	3.9%	9933271	134	133	0.7%	9933285	45	36	22.2%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	9933296	< 0.5	< 0.5	0.0%	9933310	0.5	< 0.5									
Al	9933296	6.76	6.89	1.9%	9933310	7.24	7.07	2.4%								
As	9933296	1	3		9933310	8	8	0.0%								
Ba	9933296	1330	1310	1.5%	9933310	917	907	1.1%								
Be	9933296	1.0	1.0	0.0%	9933310	1.6	1.6	0.0%								
Bi	9933296	< 1	< 1	0.0%	9933310	< 1	< 1	0.0%								
Ca	9933296	1.23	1.25	1.6%	9933310	1.82	1.78	2.2%								
Cd	9933296	< 0.5	< 0.5	0.0%	9933310	< 0.5	< 0.5	0.0%								
Ce	9933296	34	30	12.5%	9933310	33	32	3.1%								
Co	9933296	4.6	4.6	0.0%	9933310	6.9	6.6	4.4%								
Cr	9933296	117	105	10.8%	9933310	108	123	13.0%								
Cu	9933296	46.7	44.2	5.5%	9933310	63.3	63.3	0.0%								
Fe	9933296	1.84	1.86	1.1%	9933310	1.90	1.86	2.1%								
Ga	9933296	17	16	6.1%	9933310	20	18	10.5%								
In	9933296	< 1	< 1	0.0%	9933310	< 1	< 1	0.0%								
K	9933296	3.27	3.30	0.9%	9933310	1.89	1.85	2.1%								
La	9933296	17	16	6.1%	9933310	17	16	6.1%								
Li	9933296	8	8	0.0%	9933310	15	15	0.0%								
Mg	9933296	0.33	0.33	0.0%	9933310	0.43	0.43	0.0%								
Mn	9933296	274	252	8.4%	9933310	124	124	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	9933296	17.7	16.0	10.1%	9933310	15.8	15.1	4.5%								
Na	9933296	2.43	2.44	0.4%	9933310	3.43	3.40	0.9%								
Ni	9933296	13.2	12.4	6.3%	9933310	18.3	17.6	3.9%								
P	9933296	219	210	4.2%	9933310	697	670	4.0%								
Pb	9933296	< 20	< 20	0.0%	9933310	< 20	< 20	0.0%								
Rb	9933296	< 50	< 50	0.0%	9933310	< 50	< 50	0.0%								
S	9933296	0.28	0.27	3.6%	9933310	0.512	0.516	0.8%								
Sb	9933296	2	< 1		9933310	1	1	0.0%								
Sc	9933296	3	3	0.0%	9933310	3	3	0.0%								
Se	9933296	< 10	< 10	0.0%	9933310	< 10	< 10	0.0%								
Sn	9933296	< 5	< 5	0.0%	9933310	< 5	< 5	0.0%								
Sr	9933296	245	244	0.4%	9933310	295	290	1.7%								
Ta	9933296	< 10	< 10	0.0%	9933310	< 10	< 10	0.0%								
Te	9933296	< 10	< 10	0.0%	9933310	< 10	< 10	0.0%								
Th	9933296	< 5	< 5	0.0%	9933310	< 5	< 5	0.0%								
Ti	9933296	0.123	0.127	3.2%	9933310	0.13	0.13	0.0%								
Tl	9933296	< 5	< 5	0.0%	9933310	< 5	< 5	0.0%								
U	9933296	< 50	< 50	0.0%	9933310	< 50	< 50	0.0%								
V	9933296	14.9	14.5	2.7%	9933310	22.5	21.9	2.7%								
W	9933296	< 1	< 1	0.0%	9933310	2	2	0.0%								
Y	9933296	6	5	18.2%	9933310	7	6	15.4%								
Zn	9933296	54.4	53.5	1.7%	9933310	46.8	45.6	2.6%								
Zr	9933296	162	159	1.9%	9933310	176	168	4.7%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	9933246	0.0308	0.0357	14.7%	9933260	0.005	0.005	0.0%	9933271	0.007	0.011		9933285	0.0041	0.0034	18.7%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	9933296	0.0076	0.0070	8.2%	9933310	0.009	0.015									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	11.29	103%	90% - 110%	8.17	8.3	102%	90% - 110%	6.96	7.1	102%	90% - 110%	10.95	11.05	101%	90% - 110%
As					26	25	97%	90% - 110%	124	124	100%	90% - 110%				
Ba	340	349	103%	90% - 110%	540	514	95%	90% - 110%	186	191	103%	90% - 110%	340	337	99%	90% - 110%
Be	2.6	2.7	106%	90% - 110%	4.0	4.1	101%	90% - 110%					2.6	2.7	104%	90% - 110%
Ca	5.72	5.63	98%	90% - 110%	0.907	0.864	95%	90% - 110%	4.01	3.86	96%	90% - 110%	5.72	5.29	92%	90% - 110%
Ce	122	121	99%	90% - 110%	98	102	105%	90% - 110%	24	22	93%	90% - 110%	122	124	101%	90% - 110%
Co									22.1	20.9	94%	90% - 110%				
Cr					60.3	59.4	98%	90% - 110%								
Cu	7	7	106%	90% - 110%	150	155	103%	90% - 110%	88.6	85.3	96%	90% - 110%	7	5	72%	90% - 110%
Fe	4.34	4.12	95%	90% - 110%	3.77	3.57	95%	90% - 110%	7.56	7.25	96%	90% - 110%	4.34	3.93	91%	90% - 110%
Ga	35	33	95%	90% - 110%									35	36	102%	90% - 110%
K	1.37	1.5	109%	90% - 110%					2.021	2.128	105%	90% - 110%	1.37	1.47	107%	90% - 110%
La	58	53.9	93%	90% - 110%	44	44.5	101%	90% - 110%					58	55.9	96%	90% - 110%
Li	37	40	109%	90% - 110%	47	48	103%	90% - 110%					37	40	109%	90% - 110%
Mg	0.325	0.308	95%	90% - 110%	1.10	1.08	98%	90% - 110%	2.412	2.446	101%	90% - 110%	0.325	0.307	95%	90% - 110%
Mn					780	741	95%	90% - 110%	1510	1446	96%	90% - 110%				
Mo					14	13	93%	90% - 110%								
Na	5.267	5.537	105%	90% - 110%	1.624	1.697	105%	90% - 110%	0.617	0.656	106%	90% - 110%	5.267	5.594	106%	90% - 110%
Ni					32	32	100%	90% - 110%	77.1	74.1	96%	90% - 110%				
P					750	752	100%	90% - 110%	892	896	100%	90% - 110%				
Pb					31	31	100%	90% - 110%								
S									0.348	0.316	91%	90% - 110%				
Sc					12	12	104%	90% - 110%								
Sr	1191	1200	101%	90% - 110%	144	148	103%	90% - 110%	92.8	92.1	99%	90% - 110%	1191	1208	101%	90% - 110%
Ti	0.172	0.174	101%	90% - 110%	0.53	0.48	91%	90% - 110%					0.172	0.171	99%	90% - 110%
V					77	78	101%	90% - 110%								
W					5	6	125%	90% - 110%								
Y	119	120	101%	90% - 110%									119	121	101%	90% - 110%
Zn	93	90	97%	90% - 110%	130	121	93%	90% - 110%	208	201	97%	90% - 110%	93	88	95%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Parameter	CRM #1 (ref.GSP5G)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS5W)				CRM #4 (ref.1P5Q)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.562	0.521	92%	90% - 110%	0.725	0.776	107%	90% - 110%	5.27	5.18	98%	90% - 110%	1.329	1.221	92%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00536  
 SAMPLING SITE:

AGAT WORK ORDER: 19T442104  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00540

AGAT WORK ORDER: 19T442637

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Mar 15, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T442637

PROJECT: AGAT00540

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 01, 2019

DATE RECEIVED: Mar 02, 2019

DATE REPORTED: Mar 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C69001 (9938024)		2.40
C69002 (9938025)		2.37
C69003 (9938026)		2.30
C69004 (9938027)		2.45
C69005 (9938028)		2.46
C69006 (9938029)		0.0700
C69007 (9938030)		2.42
C69008 (9938031)		2.46
C69009 (9938032)		1.39
C69010 (9938033)		1.73
C69011 (9938034)		2.38
C69012 (9938035)		1.26
C69013 (9938036)		2.18
C69014 (9938037)		1.26
C69015 (9938038)		2.50
C69016 (9938039)		1.01
C69017 (9938040)		0.750
C69018 (9938041)		0.750
C69019 (9938042)		2.41
C69020 (9938043)		1.11
C69021 (9938044)		0.740
C69022 (9938045)		2.52
C69023 (9938046)		2.28
C69024 (9938047)		1.90
C69025 (9938048)		3.24
C69026 (9938049)		0.0600
C69027 (9938050)		1.92
C69028 (9938051)		1.95
C69029 (9938052)		2.16
C69030 (9938053)		1.16
C69031 (9938054)		2.56

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T442637

PROJECT: AGAT00540

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 01, 2019      DATE RECEIVED: Mar 02, 2019      DATE REPORTED: Mar 15, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
C69032 (9938055)		1.78
C69033 (9938056)		2.57
C69034 (9938057)		1.40
C69035 (9938058)		2.51
C69036 (9938059)		2.65
C69037 (9938060)		2.50
C69038 (9938061)		2.50
C69039 (9938062)		2.51
C69040 (9938063)		2.61
C69041 (9938064)		1.00
C69042 (9938065)		2.53
C69043 (9938066)		2.60
C69044 (9938067)		2.60
C69045 (9938068)		2.50
C69046 (9938069)		0.0700
C69047 (9938070)		2.41
C69048 (9938071)		1.47
C69049 (9938072)		2.14
C69050 (9938073)		1.07
C69051 (9938074)		2.53
C69052 (9938075)		1.22
C69053 (9938076)		1.46
C69054 (9938077)		3.13
C69055 (9938078)		0.920
C69056 (9938079)		2.59
C69057 (9938080)		3.67
C69058 (9938081)		3.67
C69059 (9938082)		1.94
C69060 (9938083)		2.54
C69061 (9938084)		1.96
C69062 (9938085)		3.01

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T442637

PROJECT: AGAT00540

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 01, 2019	DATE RECEIVED: Mar 02, 2019	DATE REPORTED: Mar 15, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
C69063 (9938086)		1.76
C69064 (9938087)		3.65
C69065 (9938088)		0.820
C69066 (9938089)		0.0700
C69067 (9938090)		2.99
C69068 (9938091)		2.39
C69069 (9938092)		2.78
C69070 (9938093)		2.65
C69071 (9938094)		3.02
C69072 (9938095)		1.14

Comments: RDL - Reported Detection Limit

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T442637

PROJECT: AGAT00540

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 MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

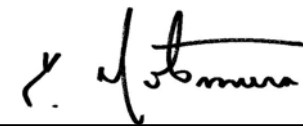
CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 01, 2019	DATE RECEIVED: Mar 02, 2019							DATE REPORTED: Mar 15, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C69001 (9938024)	<0.5	8.54	1	142	1.2	<1	7.97	<0.5	5	49.6	260	84.7	6.29	37	
C69002 (9938025)	<0.5	8.31	<1	169	1.1	<1	7.65	<0.5	4	48.6	265	143	6.80	31	
C69003 (9938026)	<0.5	8.47	<1	141	0.9	<1	8.58	<0.5	4	52.0	307	90.7	6.97	34	
C69004 (9938027)	<0.5	8.65	<1	146	0.9	<1	8.22	<0.5	4	52.2	298	90.1	7.36	31	
C69005 (9938028)	<0.5	8.62	3	150	1.0	<1	7.68	<0.5	6	48.4	279	190	7.20	33	
C69006 (9938029)	<0.5	7.36	<1	150	1.2	<1	6.63	<0.5	6	41.0	173	155	7.88	35	
C69007 (9938030)	<0.5	8.49	3	228	0.9	<1	7.53	<0.5	10	46.8	265	240	6.71	30	
C69008 (9938031)	<0.5	7.90	2	145	1.1	<1	8.39	<0.5	5	47.4	262	93.5	7.23	35	
C69009 (9938032)	<0.5	8.25	1	137	0.9	<1	6.76	<0.5	5	45.4	271	110	6.59	31	
C69010 (9938033)	<0.5	7.20	4	5460	<0.5	<1	1.14	<0.5	29	2.4	146	13.8	1.40	14	
C69011 (9938034)	<0.5	8.70	<1	136	1.0	<1	7.80	<0.5	5	52.1	287	100	6.78	33	
C69012 (9938035)	<0.5	0.06	3	15	<0.5	<1	32.3	<0.5	<1	1.6	4.8	4.0	0.13	11	
C69013 (9938036)	<0.5	8.81	2	167	0.8	<1	8.18	<0.5	4	50.4	329	176	7.86	32	
C69014 (9938037)	<0.5	8.98	<1	157	0.7	<1	8.06	<0.5	4	57.2	305	288	8.15	36	
C69015 (9938038)	<0.5	8.00	1	118	0.7	<1	9.29	<0.5	3	48.3	272	165	7.50	34	
C69016 (9938039)	<0.5	8.06	1	149	0.9	<1	9.54	<0.5	4	47.8	255	97.7	7.51	34	
C69017 (9938040)	<0.5	7.83	<1	186	1.0	<1	10.1	<0.5	4	47.5	263	171	6.59	31	
C69018 (9938041)	<0.5	7.74	1	185	0.9	<1	9.86	<0.5	3	50.2	284	169	6.52	33	
C69019 (9938042)	<0.5	8.73	<1	262	1.3	<1	8.55	<0.5	4	53.7	304	137	7.15	32	
C69020 (9938043)	<0.5	9.01	<1	149	1.0	<1	8.15	<0.5	4	55.0	298	119	7.49	37	
C69021 (9938044)	<0.5	6.38	6	195	0.7	<1	6.97	<0.5	5	42.9	271	191	6.27	28	
C69022 (9938045)	<0.5	8.84	1	163	0.8	<1	8.33	<0.5	4	51.8	280	118	7.05	36	
C69023 (9938046)	<0.5	8.51	<1	174	1.0	<1	8.78	<0.5	4	50.1	291	132	7.62	34	
C69024 (9938047)	<0.5	7.85	3	230	1.4	<1	6.48	<0.5	21	32.8	199	55.6	4.94	32	
C69025 (9938048)	<0.5	8.42	<1	218	1.1	<1	8.19	<0.5	5	48.1	257	82.5	6.63	32	
C69026 (9938049)	<0.5	7.49	<1	197	1.5	<1	6.28	<0.5	18	38.8	185	110	7.50	36	
C69027 (9938050)	<0.5	6.93	1	3430	0.9	<1	1.11	<0.5	4	<0.5	76.3	4.5	0.81	13	
C69028 (9938051)	<0.5	6.79	2	4250	0.6	<1	0.57	<0.5	31	<0.5	69.7	4.1	0.81	12	
C69029 (9938052)	<0.5	6.48	1	3850	<0.5	<1	0.46	<0.5	12	<0.5	98.6	1.9	0.84	12	
C69030 (9938053)	<0.5	7.52	3	4200	0.6	<1	0.85	<0.5	5	<0.5	74.3	5.8	0.57	12	
C69031 (9938054)	<0.5	8.37	<1	349	1.8	<1	7.81	<0.5	4	49.2	253	97.6	6.64	33	
C69032 (9938055)	<0.5	0.07	<1	17	<0.5	<1	32.0	<0.5	<1	0.7	4.6	<0.5	0.09	10	

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T442637

PROJECT: AGAT00540

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

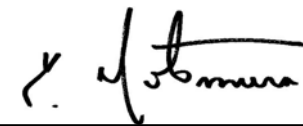
CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 01, 2019	DATE RECEIVED: Mar 02, 2019							DATE REPORTED: Mar 15, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C69033 (9938056)	<0.5	8.32	3	316	1.1	<1	7.81	<0.5	5	46.2	249	109	6.76	33	
C69034 (9938057)	<0.5	6.95	<1	480	0.9	<1	3.11	<0.5	35	9.6	131	16.2	2.12	23	
C69035 (9938058)	<0.5	7.96	2	225	1.1	<1	7.65	<0.5	6	46.4	193	166	7.19	35	
C69036 (9938059)	<0.5	7.71	<1	97	1.3	<1	7.40	<0.5	5	44.0	130	56.3	7.48	33	
C69037 (9938060)	<0.5	8.05	<1	227	1.0	<1	8.64	<0.5	5	40.2	117	104	8.48	33	
C69038 (9938061)	<0.5	7.89	2	208	0.9	<1	8.77	<0.5	4	41.7	128	126	8.97	33	
C69039 (9938062)	<0.5	7.65	<1	86	1.2	1	7.70	<0.5	5	43.7	116	68.6	7.69	36	
C69040 (9938063)	<0.5	7.69	1	94	1.1	<1	8.18	<0.5	5	46.1	121	80.7	7.71	35	
C69041 (9938064)	<0.5	8.40	1	296	1.4	<1	4.22	<0.5	15	17.2	117	70.9	3.89	29	
C69042 (9938065)	<0.5	8.68	<1	145	1.0	<1	7.66	<0.5	7	43.3	224	89.7	6.94	31	
C69043 (9938066)	<0.5	8.89	<1	160	0.8	<1	7.96	<0.5	4	48.5	246	122	6.99	29	
C69044 (9938067)	<0.5	9.09	2	196	0.7	<1	8.11	<0.5	4	48.7	259	90.1	7.13	30	
C69045 (9938068)	<0.5	8.73	<1	269	0.7	<1	7.33	<0.5	5	44.7	205	147	7.64	33	
C69046 (9938069)	<0.5	7.26	2	150	0.9	<1	6.71	<0.5	6	40.1	167	156	7.81	32	
C69047 (9938070)	<0.5	5.70	2	3440	<0.5	<1	0.68	<0.5	3	<0.5	68.4	8.0	0.83	10	
C69048 (9938071)	<0.5	7.50	<1	109	1.2	<1	8.70	<0.5	6	40.3	118	202	10.9	35	
C69049 (9938072)	<0.5	8.22	<1	154	0.8	<1	8.22	<0.5	8	42.8	210	103	7.26	32	
C69050 (9938073)	<0.5	7.92	<1	197	1.0	<1	7.76	<0.5	3	49.4	242	131	6.28	31	
C69051 (9938074)	<0.5	8.64	<1	139	1.0	<1	7.79	<0.5	4	51.5	279	137	6.92	34	
C69052 (9938075)	<0.5	0.07	2	20	<0.5	<1	32.5	<0.5	<1	0.5	3.5	<0.5	0.10	11	
C69053 (9938076)	<0.5	7.40	1	210	0.7	<1	7.98	<0.5	4	44.6	218	127	6.08	29	
C69054 (9938077)	<0.5	8.84	3	119	1.1	<1	7.82	<0.5	4	47.5	204	117	6.78	33	
C69055 (9938078)	<0.5	7.21	2	256	0.8	<1	2.62	<0.5	29	6.5	70.9	56.1	2.35	22	
C69056 (9938079)	<0.5	8.63	<1	136	1.0	<1	8.01	<0.5	5	51.2	231	140	6.68	33	
C69057 (9938080)	<0.5	9.05	<1	232	0.9	<1	7.79	<0.5	6	48.4	218	119	7.06	34	
C69058 (9938081)	<0.5	8.69	<1	226	1.2	<1	7.65	<0.5	6	49.2	225	118	6.83	34	
C69059 (9938082)	<0.5	8.34	<1	308	0.9	<1	7.45	<0.5	4	50.9	216	117	6.84	35	
C69060 (9938083)	<0.5	8.81	<1	263	1.1	<1	7.97	<0.5	4	50.4	178	91.3	7.11	33	
C69061 (9938084)	<0.5	8.24	2	312	1.3	<1	8.27	<0.5	5	55.3	226	241	8.57	38	
C69062 (9938085)	<0.5	7.57	<1	64	1.0	<1	7.56	<0.5	6	44.4	106	117	9.50	41	
C69063 (9938086)	<0.5	8.45	<1	199	1.0	<1	7.52	<0.5	9	38.9	200	82.7	7.60	33	
C69064 (9938087)	<0.5	7.45	<1	97	1.5	<1	7.06	<0.5	5	42.4	125	69.4	9.61	36	

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T442637

PROJECT: AGAT00540

5623 McADAM ROAD  
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 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 01, 2019	DATE RECEIVED: Mar 02, 2019							DATE REPORTED: Mar 15, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C69065 (9938088)	<0.5	6.93	<1	1220	1.1	1	4.19	<0.5	10	19.8	117	126	5.86	26	
C69066 (9938089)	<0.5	7.23	<1	189	2.4	<1	6.08	<0.5	17	41.2	185	104	7.19	39	
C69067 (9938090)	<0.5	7.50	<1	156	1.0	<1	8.18	<0.5	5	44.7	119	182	9.80	38	
C69068 (9938091)	<0.5	7.61	<1	53	1.5	<1	7.09	<0.5	4	44.8	146	86.6	8.06	35	
C69069 (9938092)	<0.5	8.06	<1	56	1.0	<1	7.62	<0.5	5	43.6	122	81.0	8.41	36	
C69070 (9938093)	<0.5	8.36	<1	85	0.7	<1	7.85	<0.5	5	40.6	122	45.4	8.02	31	
C69071 (9938094)	<0.5	8.05	2	110	1.0	<1	7.29	<0.5	5	42.3	103	91.7	7.61	33	
C69072 (9938095)	<0.5	0.07	3	16	<0.5	<1	30.8	<0.5	<1	0.6	4.7	<0.5	0.11	12	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T442637

PROJECT: AGAT00540

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 01, 2019	DATE RECEIVED: Mar 02, 2019					DATE REPORTED: Mar 15, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
C69001 (9938024)	<1	0.42	4	14	3.48	1460	1.0	2.11	122	332	<20	<50	0.10	<1	
C69002 (9938025)	<1	0.47	3	16	2.56	1930	3.6	1.97	128	351	<20	<50	0.16	2	
C69003 (9938026)	<1	0.31	3	15	2.22	2060	2.8	1.65	139	263	<20	<50	0.09	<1	
C69004 (9938027)	<1	0.29	3	16	2.31	2120	3.1	1.91	143	314	<20	<50	0.10	<1	
C69005 (9938028)	<1	0.36	4	17	2.46	1870	1.9	1.91	121	316	<20	<50	0.46	2	
C69006 (9938029)	<1	0.21	4	12	4.36	1400	<0.5	2.28	85.6	421	<20	<50	0.14	6	
C69007 (9938030)	<1	0.52	6	23	2.34	1700	3.2	1.91	112	362	<20	<50	0.82	3	
C69008 (9938031)	<1	0.44	4	18	3.66	1580	0.6	1.62	107	333	<20	<50	0.29	1	
C69009 (9938032)	<1	0.45	4	13	2.36	1750	3.9	2.14	127	251	<20	<50	0.14	<1	
C69010 (9938033)	<1	5.57	16	10	0.34	437	8.0	1.75	14.9	71	<20	<50	0.02	<1	
C69011 (9938034)	<1	0.32	3	14	2.51	1900	3.7	2.10	140	289	<20	<50	0.10	2	
C69012 (9938035)	<1	0.02	3	<1	2.30	56	0.8	0.03	<0.5	92	<20	<50	0.05	<1	
C69013 (9938036)	<1	0.29	3	16	2.75	2180	2.3	1.69	131	246	<20	<50	0.16	<1	
C69014 (9938037)	<1	0.33	3	14	2.56	2340	2.3	1.72	138	306	<20	<50	0.26	7	
C69015 (9938038)	<1	0.25	3	20	3.16	1890	1.6	1.45	125	251	<20	<50	0.15	<1	
C69016 (9938039)	<1	0.29	4	16	3.14	2080	2.8	1.38	116	272	<20	<50	0.08	2	
C69017 (9938040)	<1	0.28	3	22	2.47	1970	2.5	1.14	121	251	<20	<50	0.15	2	
C69018 (9938041)	<1	0.29	3	22	2.44	1910	4.5	1.10	126	241	<20	<50	0.15	3	
C69019 (9938042)	<1	0.42	3	18	2.37	2050	1.6	1.63	136	330	<20	<50	0.12	3	
C69020 (9938043)	<1	0.38	3	16	2.40	2050	2.1	2.04	149	378	<20	<50	0.12	<1	
C69021 (9938044)	<1	0.31	4	14	2.11	2310	3.5	1.24	100	265	<20	<50	0.19	<1	
C69022 (9938045)	<1	0.38	3	14	2.43	2010	1.2	1.76	140	273	<20	<50	0.11	2	
C69023 (9938046)	<1	0.48	3	16	2.69	2400	1.9	1.53	140	274	<20	<50	0.12	<1	
C69024 (9938047)	<1	0.59	11	21	1.92	1260	3.8	2.08	80.9	403	<20	<50	0.06	<1	
C69025 (9938048)	<1	0.55	4	13	2.29	1960	1.0	2.09	131	300	<20	<50	0.09	2	
C69026 (9938049)	<1	0.45	10	10	4.30	1320	<0.5	2.34	106	877	<20	<50	0.09	<1	
C69027 (9938050)	<1	4.42	2	4	0.15	98	7.1	2.11	4.5	47	<20	<50	<0.01	<1	
C69028 (9938051)	<1	5.86	18	4	0.14	67	8.4	1.69	3.2	31	<20	<50	0.01	<1	
C69029 (9938052)	<1	5.60	7	6	0.14	66	8.7	1.55	3.9	31	<20	<50	<0.01	<1	
C69030 (9938053)	<1	5.56	3	3	0.09	69	8.5	2.24	3.8	42	<20	<50	0.01	<1	
C69031 (9938054)	<1	0.59	3	12	2.45	1680	1.6	2.40	140	254	<20	<50	0.12	3	
C69032 (9938055)	<1	0.02	3	<1	2.04	52	0.6	0.04	<0.5	86	<20	<50	<0.01	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T442637

PROJECT: AGAT00540

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 01, 2019	DATE RECEIVED: Mar 02, 2019					DATE REPORTED: Mar 15, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
C69033 (9938056)	<1	0.78	4	21	2.73	1780	3.0	2.27	125	209	<20	<50	0.13	<1	
C69034 (9938057)	<1	0.75	16	19	1.02	547	5.7	2.18	24.8	434	<20	<50	0.02	<1	
C69035 (9938058)	<1	0.37	4	19	3.15	1830	2.7	1.86	92.5	313	<20	<50	0.20	<1	
C69036 (9938059)	<1	0.26	4	16	3.53	1840	1.6	1.89	58.8	329	<20	<50	0.05	4	
C69037 (9938060)	<1	0.40	4	16	3.43	2370	1.2	1.62	58.5	311	<20	<50	0.10	2	
C69038 (9938061)	<1	0.38	4	16	3.52	2590	1.6	1.55	59.7	294	<20	<50	0.12	3	
C69039 (9938062)	<1	0.29	3	16	3.40	1780	0.8	2.04	58.0	305	<20	<50	0.06	3	
C69040 (9938063)	<1	0.43	4	14	3.53	1680	0.8	1.98	61.6	299	<20	<50	0.07	3	
C69041 (9938064)	<1	0.77	9	28	1.20	1210	6.1	2.91	41.7	137	<20	<50	0.07	<1	
C69042 (9938065)	<1	0.46	4	10	2.27	1930	1.5	2.04	116	269	<20	<50	0.09	4	
C69043 (9938066)	<1	0.44	3	14	2.33	1980	2.3	2.28	138	266	<20	<50	0.12	2	
C69044 (9938067)	<1	0.45	3	11	2.53	1930	1.3	2.20	135	257	<20	<50	0.10	2	
C69045 (9938068)	<1	0.72	4	16	2.87	1920	2.5	2.10	102	261	<20	<50	0.15	3	
C69046 (9938069)	<1	0.21	4	12	4.32	1380	<0.5	2.32	84.5	415	<20	<50	0.14	2	
C69047 (9938070)	<1	4.51	<2	7	0.13	405	10.0	1.55	4.1	37	<20	<50	0.01	<1	
C69048 (9938071)	<1	0.65	4	14	3.82	2820	1.0	1.39	54.7	347	<20	<50	0.23	<1	
C69049 (9938072)	<1	0.41	5	14	2.69	2120	1.8	1.75	103	329	<20	<50	0.12	<1	
C69050 (9938073)	<1	0.32	3	12	2.05	1690	3.9	1.58	125	199	<20	<50	0.16	3	
C69051 (9938074)	<1	0.36	3	12	2.32	1990	2.2	1.90	143	249	<20	<50	0.17	<1	
C69052 (9938075)	<1	0.02	3	1	2.49	54	0.8	0.04	<0.5	93	<20	<50	<0.01	1	
C69053 (9938076)	<1	0.38	3	14	2.27	1850	2.3	1.31	119	263	<20	<50	0.16	<1	
C69054 (9938077)	<1	0.40	3	14	2.31	1920	2.3	1.96	137	237	<20	<50	0.13	3	
C69055 (9938078)	<1	0.96	14	29	0.75	529	5.8	2.41	14.8	412	<20	<50	0.06	<1	
C69056 (9938079)	<1	0.33	4	14	2.20	1910	3.3	1.76	138	283	<20	<50	0.15	3	
C69057 (9938080)	<1	0.59	4	19	2.32	1920	1.2	1.85	139	324	<20	<50	0.12	<1	
C69058 (9938081)	<1	0.55	4	19	2.23	1900	3.0	1.84	135	352	<20	<50	0.12	2	
C69059 (9938082)	<1	0.76	3	19	2.37	1890	1.3	1.55	144	264	<20	<50	0.13	<1	
C69060 (9938083)	<1	0.73	3	18	2.37	1870	2.3	1.63	139	343	<20	<50	0.13	2	
C69061 (9938084)	<1	0.83	4	33	3.14	2420	3.3	0.71	124	289	<20	<50	0.53	<1	
C69062 (9938085)	<1	0.35	4	17	3.71	2800	1.2	1.25	60.0	314	<20	<50	0.20	4	
C69063 (9938086)	<1	0.43	6	14	2.40	2220	2.1	1.45	100	267	<20	<50	0.15	2	
C69064 (9938087)	<1	0.40	4	22	3.58	3000	2.1	1.73	68.3	332	<20	<50	0.13	4	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T442637

PROJECT: AGAT00540

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 01, 2019	DATE RECEIVED: Mar 02, 2019				DATE REPORTED: Mar 15, 2019				SAMPLE TYPE: Drill Core					
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
Sample ID (AGAT ID)	RDL:													
C69065 (9938088)	<1	1.87	5	26	1.78	1900	4.7	1.90	27.9	198	<20	<50	0.20	2
C69066 (9938089)	<1	0.43	10	10	4.15	1270	<0.5	2.30	110	899	<20	<50	0.08	4
C69067 (9938090)	<1	0.40	4	16	3.72	2860	0.8	1.48	60.5	327	<20	<50	0.28	<1
C69068 (9938091)	<1	0.17	4	19	3.49	2110	1.6	1.82	61.8	333	<20	<50	0.12	<1
C69069 (9938092)	<1	0.14	4	14	3.60	2350	<0.5	2.01	63.3	329	<20	<50	0.12	1
C69070 (9938093)	<1	0.18	3	15	3.67	2240	0.6	2.38	58.5	294	<20	<50	0.05	4
C69071 (9938094)	<1	0.22	3	22	3.64	1750	<0.5	2.63	61.4	348	<20	<50	0.09	2
C69072 (9938095)	<1	0.01	3	1	3.03	58	<0.5	0.05	<0.5	75	<20	<50	<0.01	<1

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 01, 2019	DATE RECEIVED: Mar 02, 2019					DATE REPORTED: Mar 15, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
C69001 (9938024)	47	<10	<5	129	<10	21	<5	0.62	<5	<50	296	3	21	92.2	
C69002 (9938025)	42	<10	<5	114	<10	10	<5	0.55	<5	<50	260	4	24	87.5	
C69003 (9938026)	45	<10	<5	116	<10	20	<5	0.57	<5	<50	282	2	22	89.0	
C69004 (9938027)	44	<10	<5	118	<10	18	<5	0.58	<5	<50	274	2	21	91.4	
C69005 (9938028)	43	<10	<5	111	<10	22	<5	0.58	<5	<50	275	2	21	158	
C69006 (9938029)	45	<10	<5	111	<10	23	<5	0.69	<5	<50	300	1	22	76.6	
C69007 (9938030)	36	<10	<5	146	<10	12	<5	0.53	<5	<50	233	3	21	234	
C69008 (9938031)	42	<10	<5	125	<10	16	<5	0.56	<5	<50	266	3	20	116	
C69009 (9938032)	38	<10	<5	116	<10	19	<5	0.52	<5	<50	242	3	18	87.5	
C69010 (9938033)	5	<10	<5	345	<10	<10	<5	0.09	<5	<50	30.2	1	6	24.0	
C69011 (9938034)	44	<10	<5	114	<10	21	<5	0.58	<5	<50	277	2	21	83.0	
C69012 (9938035)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	4.0	
C69013 (9938036)	44	<10	<5	109	<10	17	<5	0.58	<5	<50	272	2	21	89.0	
C69014 (9938037)	44	<10	<5	116	<10	19	<5	0.60	<5	<50	273	2	20	92.0	
C69015 (9938038)	39	<10	<5	117	<10	15	<5	0.53	<5	<50	247	2	19	90.0	
C69016 (9938039)	41	<10	<5	115	<10	15	<5	0.54	<5	<50	256	1	19	82.5	
C69017 (9938040)	40	<10	<5	112	<10	21	<5	0.53	<5	<50	246	2	18	81.8	
C69018 (9938041)	40	<10	<5	109	<10	18	<5	0.51	<5	<50	253	4	18	81.0	
C69019 (9938042)	44	<10	<5	141	<10	17	<5	0.59	<5	<50	279	2	20	84.5	
C69020 (9938043)	45	<10	<5	148	<10	20	<5	0.61	<5	<50	289	2	21	94.1	
C69021 (9938044)	32	<10	<5	142	<10	14	<5	0.42	<5	<50	206	1	17	69.3	
C69022 (9938045)	44	<10	<5	138	<10	20	<5	0.59	<5	<50	278	3	21	88.9	
C69023 (9938046)	43	<10	<5	135	<10	25	<5	0.56	<5	<50	266	2	20	82.7	
C69024 (9938047)	29	<10	<5	170	<10	17	<5	0.37	<5	<50	180	2	14	70.1	
C69025 (9938048)	42	<10	<5	149	<10	16	<5	0.55	<5	<50	269	3	20	84.9	
C69026 (9938049)	34	<10	<5	248	<10	38	<5	0.88	<5	<50	235	<1	22	88.1	
C69027 (9938050)	2	<10	<5	305	<10	<10	<5	0.07	<5	<50	9.1	<1	1	15.3	
C69028 (9938051)	1	<10	<5	315	<10	<10	<5	0.08	<5	<50	8.6	<1	<1	19.5	
C69029 (9938052)	<1	<10	<5	280	<10	<10	<5	0.07	<5	<50	7.4	<1	1	18.1	
C69030 (9938053)	<1	<10	<5	359	<10	<10	<5	0.04	<5	<50	5.2	2	1	10.2	
C69031 (9938054)	42	<10	<5	125	<10	11	<5	0.52	<5	<50	260	<1	20	85.2	
C69032 (9938055)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	1.7	

Certified By:



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AGAT WORK ORDER: 19T442637

PROJECT: AGAT00540

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 01, 2019	DATE RECEIVED: Mar 02, 2019					DATE REPORTED: Mar 15, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
C69033 (9938056)	41	<10	<5	156	<10	28	<5	0.51	<5	<50	244	2	18	86.6	
C69034 (9938057)	7	<10	<5	227	<10	<10	<5	0.19	<5	<50	60.8	1	7	37.9	
C69035 (9938058)	46	<10	<5	183	<10	14	<5	0.60	<5	<50	296	2	22	107	
C69036 (9938059)	48	<10	<5	130	<10	17	<5	0.67	<5	<50	309	1	22	94.3	
C69037 (9938060)	46	<10	<5	139	<10	19	<5	0.63	<5	<50	286	3	21	93.1	
C69038 (9938061)	45	<10	<5	131	<10	21	<5	0.61	<5	<50	286	3	21	90.8	
C69039 (9938062)	48	<10	<5	116	<10	14	<5	0.63	<5	<50	308	<1	21	91.0	
C69040 (9938063)	48	<10	<5	113	<10	15	<5	0.62	<5	<50	312	<1	22	97.6	
C69041 (9938064)	17	<10	<5	215	<10	12	<5	0.28	<5	<50	110	1	14	71.4	
C69042 (9938065)	40	<10	<5	121	<10	18	<5	0.55	<5	<50	249	2	20	92.3	
C69043 (9938066)	42	<10	<5	123	<10	19	<5	0.57	<5	<50	260	<1	20	87.2	
C69044 (9938067)	43	<10	<5	126	<10	13	<5	0.60	<5	<50	267	4	20	92.0	
C69045 (9938068)	44	<10	<5	128	<10	14	<5	0.61	<5	<50	280	3	20	103	
C69046 (9938069)	43	<10	<5	113	<10	20	<5	0.69	<5	<50	290	2	21	77.3	
C69047 (9938070)	3	<10	<5	269	<10	<10	<5	0.03	7	<50	10.8	<1	8	8.8	
C69048 (9938071)	46	<10	<5	87	<10	26	<5	0.62	<5	<50	297	3	21	127	
C69049 (9938072)	38	<10	<5	121	<10	15	<5	0.53	<5	<50	241	1	19	94.2	
C69050 (9938073)	39	<10	<5	124	<10	15	<5	0.51	<5	<50	238	2	19	77.7	
C69051 (9938074)	43	<10	<5	120	<10	18	<5	0.56	<5	<50	272	1	20	86.1	
C69052 (9938075)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.5	<1	2	1.7	
C69053 (9938076)	37	<10	<5	105	<10	14	<5	0.51	<5	<50	236	2	18	73.3	
C69054 (9938077)	43	<10	<5	123	<10	23	<5	0.57	<5	<50	261	1	20	88.9	
C69055 (9938078)	7	<10	<5	126	<10	14	<5	0.28	<5	<50	50.5	2	10	49.4	
C69056 (9938079)	44	<10	<5	126	<10	18	<5	0.56	<5	<50	279	<1	21	86.1	
C69057 (9938080)	41	<10	<5	114	<10	21	<5	0.59	<5	<50	262	3	20	88.1	
C69058 (9938081)	41	<10	<5	116	<10	19	<5	0.57	<5	<50	260	4	20	85.7	
C69059 (9938082)	43	<10	<5	126	<10	21	<5	0.55	<5	<50	276	2	20	85.5	
C69060 (9938083)	42	<10	<5	128	<10	15	<5	0.59	<5	<50	270	4	20	88.8	
C69061 (9938084)	43	<10	<5	94	<10	24	<5	0.55	<5	<50	270	2	20	148	
C69062 (9938085)	46	<10	<5	91	<10	27	<5	0.60	<5	<50	295	2	22	117	
C69063 (9938086)	36	<10	<5	129	<10	18	<5	0.52	<5	<50	228	2	19	97.6	
C69064 (9938087)	46	<10	<5	126	<10	18	<5	0.55	<5	<50	276	2	21	105	

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## Certificate of Analysis

AGAT WORK ORDER: 19T442637

PROJECT: AGAT00540

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 01, 2019	DATE RECEIVED: Mar 02, 2019					DATE REPORTED: Mar 15, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Sample ID (AGAT ID)															
C69065 (9938088)	21	<10	<5	173	<10	<10	<5	0.30	<5	<50	126	1	13	72.1	
C69066 (9938089)	35	<10	<5	241	<10	<10	<5	0.86	<5	<50	238	3	22	84.2	
C69067 (9938090)	45	<10	<5	96	<10	<10	<5	0.59	<5	<50	284	1	21	98.2	
C69068 (9938091)	48	<10	<5	112	<10	<10	<5	0.58	<5	<50	304	<1	22	92.1	
C69069 (9938092)	46	<10	<5	121	<10	<10	<5	0.62	<5	<50	293	<1	21	90.8	
C69070 (9938093)	45	<10	<5	129	<10	<10	<5	0.63	<5	<50	284	2	20	96.2	
C69071 (9938094)	44	<10	<5	121	<10	<10	<5	0.60	<5	<50	277	<1	20	89.2	
C69072 (9938095)	<1	<10	<5	66	<10	<10	<5	<0.01	6	<50	1.4	1	2	3.2	

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AGAT WORK ORDER: 19T442637

PROJECT: AGAT00540

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 01, 2019      DATE RECEIVED: Mar 02, 2019      DATE REPORTED: Mar 15, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C69001 (9938024)				13
C69002 (9938025)				15
C69003 (9938026)				12
C69004 (9938027)				12
C69005 (9938028)				15
C69006 (9938029)				55
C69007 (9938030)				27
C69008 (9938031)				15
C69009 (9938032)				18
C69010 (9938033)				51
C69011 (9938034)				12
C69012 (9938035)				<5
C69013 (9938036)				11
C69014 (9938037)				11
C69015 (9938038)				11
C69016 (9938039)				11
C69017 (9938040)				12
C69018 (9938041)				12
C69019 (9938042)				12
C69020 (9938043)				12
C69021 (9938044)				10
C69022 (9938045)				11
C69023 (9938046)				11
C69024 (9938047)				32
C69025 (9938048)				13
C69026 (9938049)				89
C69027 (9938050)				30
C69028 (9938051)				38
C69029 (9938052)				53
C69030 (9938053)				99
C69031 (9938054)				12
C69032 (9938055)				<5

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AGAT WORK ORDER: 19T442637

PROJECT: AGAT00540

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 01, 2019      DATE RECEIVED: Mar 02, 2019      DATE REPORTED: Mar 15, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C69033 (9938056)				12
C69034 (9938057)				66
C69035 (9938058)				14
C69036 (9938059)				12
C69037 (9938060)				12
C69038 (9938061)				13
C69039 (9938062)				13
C69040 (9938063)				13
C69041 (9938064)				24
C69042 (9938065)				18
C69043 (9938066)				12
C69044 (9938067)				10
C69045 (9938068)				11
C69046 (9938069)				52
C69047 (9938070)				96
C69048 (9938071)				15
C69049 (9938072)				20
C69050 (9938073)				11
C69051 (9938074)				11
C69052 (9938075)				<5
C69053 (9938076)				10
C69054 (9938077)				12
C69055 (9938078)				156
C69056 (9938079)				13
C69057 (9938080)				16
C69058 (9938081)				16
C69059 (9938082)				10
C69060 (9938083)				11
C69061 (9938084)				14
C69062 (9938085)				12
C69063 (9938086)				19
C69064 (9938087)				14

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AGAT WORK ORDER: 19T442637

PROJECT: AGAT00540

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 01, 2019      DATE RECEIVED: Mar 02, 2019      DATE REPORTED: Mar 15, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C69065 (9938088)				135
C69066 (9938089)				93
C69067 (9938090)				14
C69068 (9938091)				13
C69069 (9938092)				10
C69070 (9938093)				10
C69071 (9938094)				13
C69072 (9938095)				<5

Comments: RDL - Reported Detection Limit  
9938024-9938095 As, Sb values may be low due to digestion losses.

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AGAT WORK ORDER: 19T442637

PROJECT: AGAT00540

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 01, 2019      DATE RECEIVED: Mar 02, 2019      DATE REPORTED: Mar 15, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C69001 (9938024)			0.010
C69002 (9938025)			0.004
C69003 (9938026)			0.002
C69004 (9938027)			0.002
C69005 (9938028)			0.005
C69006 (9938029)			0.521
C69007 (9938030)			0.007
C69008 (9938031)			0.003
C69009 (9938032)			0.002
C69010 (9938033)			0.001
C69011 (9938034)			0.002
C69012 (9938035)			0.001
C69013 (9938036)			0.004
C69014 (9938037)			0.004
C69015 (9938038)			0.004
C69016 (9938039)			0.002
C69017 (9938040)			0.003
C69018 (9938041)			0.003
C69019 (9938042)			0.002
C69020 (9938043)			0.003
C69021 (9938044)			0.003
C69022 (9938045)			0.002
C69023 (9938046)			0.006
C69024 (9938047)			0.002
C69025 (9938048)			0.002
C69026 (9938049)			0.326
C69027 (9938050)			<0.001
C69028 (9938051)			0.002
C69029 (9938052)			<0.001
C69030 (9938053)			<0.001
C69031 (9938054)			0.003
C69032 (9938055)			<0.001

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## Certificate of Analysis

AGAT WORK ORDER: 19T442637

PROJECT: AGAT00540

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 01, 2019      DATE RECEIVED: Mar 02, 2019      DATE REPORTED: Mar 15, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C69033 (9938056)			0.003
C69034 (9938057)			0.001
C69035 (9938058)			0.006
C69036 (9938059)			0.005
C69037 (9938060)			0.005
C69038 (9938061)			0.004
C69039 (9938062)			0.003
C69040 (9938063)			0.007
C69041 (9938064)			0.003
C69042 (9938065)			0.002
C69043 (9938066)			0.002
C69044 (9938067)			0.002
C69045 (9938068)			0.003
C69046 (9938069)			0.539
C69047 (9938070)			0.007
C69048 (9938071)			0.005
C69049 (9938072)			0.004
C69050 (9938073)			0.003
C69051 (9938074)			0.003
C69052 (9938075)			<0.001
C69053 (9938076)			0.003
C69054 (9938077)			0.006
C69055 (9938078)			0.004
C69056 (9938079)			0.002
C69057 (9938080)			0.004
C69058 (9938081)			0.004
C69059 (9938082)			0.003
C69060 (9938083)			0.003
C69061 (9938084)			0.005
C69062 (9938085)			0.004
C69063 (9938086)			0.002
C69064 (9938087)			0.003

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AGAT WORK ORDER: 19T442637

PROJECT: AGAT00540

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 01, 2019	DATE RECEIVED: Mar 02, 2019	DATE REPORTED: Mar 15, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C69065 (9938088)			0.005
C69066 (9938089)			0.343
C69067 (9938090)			0.004
C69068 (9938091)			0.002
C69069 (9938092)			0.010
C69070 (9938093)			0.002
C69071 (9938094)			0.002
C69072 (9938095)			<0.001

Comments: RDL - Reported Detection Limit

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# Certificate of Analysis

AGAT WORK ORDER: 19T442637

PROJECT: AGAT00540

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 01, 2019	DATE RECEIVED: Mar 02, 2019	DATE REPORTED: Mar 15, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
C69001 (9938024)		86
C69020 (9938043)		86
C69040 (9938063)		86
C69060 (9938083)		83

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	9938024	< 0.5	< 0.5	0.0%	9938038	< 0.5	< 0.5	0.0%	9938050	< 0.5	< 0.5	0.0%	9938063	< 0.5	< 0.5	0.0%
Al	9938024	8.54	8.50	0.5%	9938038	8.00	8.10	1.2%	9938050	6.93	7.17	3.4%	9938063	7.69	7.87	2.3%
As	9938024	1	< 1		9938038	1	< 1		9938050	1	2		9938063	1	< 1	
Ba	9938024	142	142	0.0%	9938038	118	119	0.8%	9938050	3430	4010	15.6%	9938063	94	96	2.1%
Be	9938024	1.17	0.95	20.8%	9938038	0.7	0.7	0.0%	9938050	0.92	0.82	11.5%	9938063	1.14	1.04	9.2%
Bi	9938024	< 1	< 1	0.0%	9938038	< 1	< 1	0.0%	9938050	< 1	< 1	0.0%	9938063	< 1	< 1	0.0%
Ca	9938024	7.97	8.04	0.9%	9938038	9.29	9.33	0.4%	9938050	1.11	0.973	13.2%	9938063	8.18	8.25	0.9%
Cd	9938024	< 0.5	< 0.5	0.0%	9938038	< 0.5	< 0.5	0.0%	9938050	< 0.5	< 0.5	0.0%	9938063	< 0.5	< 0.5	0.0%
Ce	9938024	5	5	0.0%	9938038	3	4	28.6%	9938050	4	3	28.6%	9938063	5	5	0.0%
Co	9938024	49.6	46.2	7.1%	9938038	48.3	51.9	7.2%	9938050	< 0.5	< 0.5	0.0%	9938063	46.1	43.5	5.8%
Cr	9938024	260	231	11.8%	9938038	272	278	2.2%	9938050	76.3	103	29.8%	9938063	121	113	6.8%
Cu	9938024	84.7	86.0	1.5%	9938038	165	167	1.2%	9938050	4.5	5.3	16.3%	9938063	80.7	81.8	1.4%
Fe	9938024	6.29	6.09	3.2%	9938038	7.50	7.53	0.4%	9938050	0.81	0.70	14.6%	9938063	7.71	7.95	3.1%
Ga	9938024	37	33	11.4%	9938038	34	35	2.9%	9938050	13	12	8.0%	9938063	35	33	5.9%
In	9938024	< 1	< 1	0.0%	9938038	< 1	< 1	0.0%	9938050	< 1	< 1	0.0%	9938063	< 1	< 1	0.0%
K	9938024	0.42	0.42	0.0%	9938038	0.25	0.25	0.0%	9938050	4.42	5.00	12.3%	9938063	0.43	0.44	2.3%
La	9938024	4	3	28.6%	9938038	3	3	0.0%	9938050	2	2	0.0%	9938063	4	3	28.6%
Li	9938024	14	16	13.3%	9938038	20	20	0.0%	9938050	4	3	28.6%	9938063	14	15	6.9%
Mg	9938024	3.48	3.41	2.0%	9938038	3.16	3.19	0.9%	9938050	0.15	0.12	22.2%	9938063	3.53	3.62	2.5%
Mn	9938024	1460	1420	2.8%	9938038	1890	1910	1.1%	9938050	98	80	20.2%	9938063	1680	1730	2.9%
Mo	9938024	1.02	1.10	7.5%	9938038	1.61	1.70	5.4%	9938050	7.1	7.5	5.5%	9938063	0.8	0.5	46.2%
Na	9938024	2.11	2.16	2.3%	9938038	1.45	1.45	0.0%	9938050	2.11	2.08	1.4%	9938063	1.98	1.99	0.5%
Ni	9938024	122	112	8.5%	9938038	125	131	4.7%	9938050	4.48	4.12	8.4%	9938063	61.6	58.2	5.7%
P	9938024	332	300	10.1%	9938038	251	283	12.0%	9938050	47	43	8.9%	9938063	299	281	6.2%
Pb	9938024	< 20	< 20	0.0%	9938038	< 20	< 20	0.0%	9938050	< 20	< 20	0.0%	9938063	< 20	< 20	0.0%
Rb	9938024	< 50	< 50	0.0%	9938038	< 50	< 50	0.0%	9938050	< 50	< 50	0.0%	9938063	< 50	< 50	0.0%
S	9938024	0.095	0.093	2.1%	9938038	0.15	0.15	0.0%	9938050	< 0.01	0.03		9938063	0.07	0.07	0.0%
Sb	9938024	< 1	2		9938038	< 1	3		9938050	< 1	< 1	0.0%	9938063	3	2	
Sc	9938024	47	42	11.2%	9938038	39	40	2.5%	9938050	2	1		9938063	48	47	2.1%
Se	9938024	< 10	< 10	0.0%	9938038	< 10	< 10	0.0%	9938050	< 10	< 10	0.0%	9938063	< 10	< 10	0.0%
Sn	9938024	< 5	< 5	0.0%	9938038	< 5	< 5	0.0%	9938050	< 5	< 5	0.0%	9938063	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	9938024	129	134	3.8%	9938038	117	117	0.0%	9938050	305	322	5.4%	9938063	113	114	0.9%
Ta	9938024	< 10	< 10	0.0%	9938038	< 10	< 10	0.0%	9938050	< 10	< 10	0.0%	9938063	< 10	< 10	0.0%
Te	9938024	21	17	21.1%	9938038	15	22		9938050	< 10	< 10	0.0%	9938063	15	16	6.5%
Th	9938024	< 5	< 5	0.0%	9938038	< 5	< 5	0.0%	9938050	< 5	< 5	0.0%	9938063	< 5	< 5	0.0%
Ti	9938024	0.62	0.61	1.6%	9938038	0.534	0.541	1.3%	9938050	0.07	0.06	15.4%	9938063	0.622	0.635	2.1%
Tl	9938024	< 5	< 5	0.0%	9938038	< 5	< 5	0.0%	9938050	< 5	< 5	0.0%	9938063	< 5	< 5	0.0%
U	9938024	< 50	< 50	0.0%	9938038	< 50	< 50	0.0%	9938050	< 50	< 50	0.0%	9938063	< 50	< 50	0.0%
V	9938024	296	265	11.1%	9938038	247	257	4.0%	9938050	9.1	8.2	10.4%	9938063	312	304	2.6%
W	9938024	3	2		9938038	2	4	66.7%	9938050	< 1	< 1	0.0%	9938063	< 1	2	
Y	9938024	21	19	10.0%	9938038	19	19	0.0%	9938050	1	1	0.0%	9938063	22	22	0.0%
Zn	9938024	92.2	92.2	0.0%	9938038	90.0	89.4	0.7%	9938050	15.3	13.6	11.8%	9938063	97.6	99.6	2.0%
Zr	9938024	13	12	8.0%	9938038	11	12	8.7%	9938050	30	27	10.5%	9938063	13	14	7.4%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	9938074	< 0.5	< 0.5	0.0%	9938088	< 0.5	< 0.5	0.0%								
Al	9938074	8.64	8.68	0.5%	9938088	6.93	6.74	2.8%								
As	9938074	< 1	< 1	0.0%	9938088	< 1	2									
Ba	9938074	139	140	0.7%	9938088	1220	1220	0.0%								
Be	9938074	1.0	0.7		9938088	1.08	1.05	2.8%								
Bi	9938074	< 1	< 1	0.0%	9938088	1	< 1									
Ca	9938074	7.79	7.94	1.9%	9938088	4.19	4.18	0.2%								
Cd	9938074	< 0.5	< 0.5	0.0%	9938088	< 0.5	< 0.5	0.0%								
Ce	9938074	4	4	0.0%	9938088	10	9	10.5%								
Co	9938074	51.5	50.3	2.4%	9938088	19.8	20.3	2.5%								
Cr	9938074	279	269	3.6%	9938088	117	136	15.0%								
Cu	9938074	137	135	1.5%	9938088	126	125	0.8%								
Fe	9938074	6.92	6.90	0.3%	9938088	5.86	5.79	1.2%								
Ga	9938074	34	33	3.0%	9938088	26	30	14.3%								
In	9938074	< 1	< 1	0.0%	9938088	< 1	< 1	0.0%								
K	9938074	0.36	0.36	0.0%	9938088	1.87	1.82	2.7%								
La	9938074	3	4	28.6%	9938088	5	4	22.2%								
Li	9938074	12	12	0.0%	9938088	26	25	3.9%								
Mg	9938074	2.32	2.33	0.4%	9938088	1.78	1.74	2.3%								
Mn	9938074	1990	1990	0.0%	9938088	1900	1850	2.7%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	9938074	2.24	2.04	9.3%	9938088	4.7	4.5	4.3%								
Na	9938074	1.90	1.94	2.1%	9938088	1.90	1.89	0.5%								
Ni	9938074	143	138	3.6%	9938088	27.9	28.7	2.8%								
P	9938074	249	247	0.8%	9938088	198	202	2.0%								
Pb	9938074	< 20	< 20	0.0%	9938088	< 20	< 20	0.0%								
Rb	9938074	< 50	< 50	0.0%	9938088	< 50	< 50	0.0%								
S	9938074	0.17	0.17	0.0%	9938088	0.197	0.193	2.1%								
Sb	9938074	< 1	1		9938088	2	2	0.0%								
Sc	9938074	43	42	2.4%	9938088	21	22	4.7%								
Se	9938074	< 10	< 10	0.0%	9938088	< 10	< 10	0.0%								
Sn	9938074	< 5	< 5	0.0%	9938088	< 5	< 5	0.0%								
Sr	9938074	120	123	2.5%	9938088	173	173	0.0%								
Ta	9938074	< 10	< 10	0.0%	9938088	< 10	< 10	0.0%								
Te	9938074	18	19	5.4%	9938088	< 10	15									
Th	9938074	< 5	< 5	0.0%	9938088	< 5	< 5	0.0%								
Ti	9938074	0.56	0.56	0.0%	9938088	0.301	0.294	2.4%								
Tl	9938074	< 5	< 5	0.0%	9938088	< 5	< 5	0.0%								
U	9938074	< 50	< 50	0.0%	9938088	< 50	< 50	0.0%								
V	9938074	272	262	3.7%	9938088	126	129	2.4%								
W	9938074	1	2		9938088	1	< 1									
Y	9938074	20	20	0.0%	9938088	13	13	0.0%								
Zn	9938074	86.1	85.9	0.2%	9938088	72.1	69.9	3.1%								
Zr	9938074	11	11	0.0%	9938088	135	156	14.4%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	9938024	0.010	0.006		9938038	0.0036	0.0028	25.0%	9938050	< 0.001	0.002		9938063	0.007	0.007	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	9938074	0.0029	0.0035	18.8%	9938088	0.005	0.003									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.99	100%	90% - 110%	8.17	8.47	104%	90% - 110%	6.96	6.78	97%	90% - 110%	10.95	10.88	99%	90% - 110%
As					26	28	106%	90% - 110%	124	129	104%	90% - 110%				
Ba	340	334	98%	90% - 110%	540	526	97%	90% - 110%	186	182	98%	90% - 110%	340	333	98%	90% - 110%
Be	2.6	2.7	105%	90% - 110%	4.0	3.7	92%	90% - 110%					2.6	2.7	105%	90% - 110%
Ca	5.72	5.44	95%	90% - 110%	0.907	0.895	99%	90% - 110%	4.01	3.76	94%	90% - 110%	5.72	5.36	94%	90% - 110%
Ce	122	121	99%	90% - 110%	98	101	103%	90% - 110%	24	23	94%	90% - 110%	122	117	96%	90% - 110%
Co									22.1	21.5	97%	90% - 110%				
Cr					60.3	58.6	97%	90% - 110%								
Cu					150	156	104%	90% - 110%	88.6	85.5	96%	90% - 110%				
Fe	4.34	4.05	93%	90% - 110%	3.77	3.7	98%	90% - 110%	7.56	7.05	93%	90% - 110%	4.34	3.96	91%	90% - 110%
Ga	35	35	100%	90% - 110%									35	32	93%	90% - 110%
K	1.37	1.46	106%	90% - 110%					2.021	2.03	100%	90% - 110%	1.37	1.45	105%	90% - 110%
La	58	54	94%	90% - 110%	44	42.3	96%	90% - 110%					58	52.7	91%	90% - 110%
Li	37	39	106%	90% - 110%	47	49	104%	90% - 110%					37	39	106%	90% - 110%
Mg	0.325	0.301	92%	90% - 110%	1.10	1.11	101%	90% - 110%	2.412	2.354	98%	90% - 110%	0.325	0.297	91%	90% - 110%
Mn					780	769	99%	90% - 110%	1510	1424	94%	90% - 110%				
Mo					14	13	91%	90% - 110%								
Na	5.267	5.452	104%	90% - 110%	1.624	1.729	106%	90% - 110%	0.617	0.621	101%	90% - 110%	5.267	5.409	103%	90% - 110%
Ni					32	31	97%	90% - 110%	77.1	72.7	94%	90% - 110%				
P					750	749	100%	90% - 110%	892	919	103%	90% - 110%				
Pb					31	29	94%	90% - 110%								
S									0.348	0.318	92%	90% - 110%				
Sc					12	12	101%	90% - 110%								
Sr	1191	1184	99%	90% - 110%	144	152	106%	90% - 110%	92.8	88	95%	90% - 110%	1191	1179	99%	90% - 110%
Ti	0.172	0.173	100%	90% - 110%	0.53	0.48	91%	90% - 110%					0.172	0.170	99%	90% - 110%
V					77	74	97%	90% - 110%								
W					5	5	95%	90% - 110%								
Y	119	120	101%	90% - 110%									119	116	97%	90% - 110%
Zn	93	92	99%	90% - 110%	130	121	93%	90% - 110%	208	203	97%	90% - 110%	93	86	92%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Parameter	CRM #1 (ref.GS6E)				CRM #2 (ref.GSP5G)				CRM #3 (ref.GSP7M)				CRM #4 (ref.GS5W)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.06	5.86	97%	90% - 110%	0.562	0.522	93%	90% - 110%	0.725	0.746	103%	90% - 110%	5.27	5.2	99%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00540  
 SAMPLING SITE:

AGAT WORK ORDER: 19T442637  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00545

AGAT WORK ORDER: 19T442682

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Mar 15, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

# Certificate of Analysis

AGAT WORK ORDER: 19T442682

PROJECT: AGAT00545

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (200-) Sample Login Weight

DATE SAMPLED: Mar 02, 2019

DATE RECEIVED: Mar 03, 2019

DATE REPORTED: Mar 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg
D59667 (9938861)		1.46
D59668 (9938862)		1.28
D59669 (9938863)		1.49
D59670 (9938864)		1.75
D59671 (9938865)		2.08
D59672 (9938866)		0.630
D59673 (9938867)		1.85
D59674 (9938868)		1.46
D59675 (9938869)		2.27
D59676 (9938870)		2.20
D59677 (9938871)		1.91
D59678 (9938872)		1.91
D59679 (9938873)		2.17
D59680 (9938874)		2.06
D59681 (9938875)		0.880
D59682 (9938876)		1.48
D59683 (9938877)		1.01
D59684 (9938878)		0.540
D59685 (9938879)		3.03
D59686 (9938880)		0.0700
D59687 (9938881)		1.42
D59688 (9938882)		1.55
D59689 (9938883)		1.56
D59690 (9938884)		1.66
D59691 (9938885)		1.93
D59692 (9938886)		0.590
D59693 (9938887)		1.46
D59694 (9938888)		2.32
D59695 (9938889)		2.57
D59696 (9938890)		1.56
D59697 (9938891)		2.36

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T442682

PROJECT: AGAT00545

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (200-) Sample Login Weight

DATE SAMPLED: Mar 02, 2019

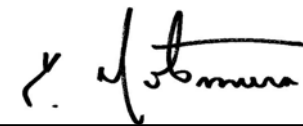
DATE RECEIVED: Mar 03, 2019

DATE REPORTED: Mar 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg
D59698 (9938892)		2.36
D59699 (9938893)		2.09
D59700 (9938894)		2.00
D59701 (9938895)		1.98
D59702 (9938896)		1.58
D59703 (9938897)		1.79
D59704 (9938898)		1.66
D59705 (9938899)		1.61
D59706 (9938900)		0.0700
D59707 (9938901)		1.44
D59708 (9938902)		0.760
D59709 (9938903)		2.28
D59710 (9938904)		2.12
D59711 (9938905)		2.17
D59712 (9938906)		0.770
D59713 (9938907)		2.09
D59714 (9938908)		1.30
D59715 (9938909)		1.99
D59716 (9938910)		2.10
D59717 (9938911)		1.49
D59718 (9938912)		1.49
D59719 (9938913)		1.59
D59720 (9938914)		1.94
D59721 (9938915)		1.71
D59722 (9938916)		1.27
D59723 (9938917)		1.13
D59724 (9938918)		1.43
D59725 (9938919)		1.56
D59726 (9938920)		0.0700
D59727 (9938921)		2.09
D59728 (9938922)		1.89

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T442682

PROJECT: AGAT00545

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 02, 2019

DATE RECEIVED: Mar 03, 2019

DATE REPORTED: Mar 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	
D59729 (9938923)		0.880
D59730 (9938924)		1.29
D59731 (9938925)		1.38
D59732 (9938926)		2.04
D59733 (9938927)		1.30
D59734 (9938928)		2.01
D59735 (9938929)		1.41
D59736 (9938930)		1.54
D59737 (9938931)		1.28
D59738 (9938932)		1.28

Comments: RDL - Reported Detection Limit

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T442682

PROJECT: AGAT00545

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
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<http://www.agatlabs.com>

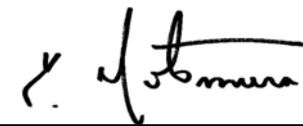
CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 02, 2019	DATE RECEIVED: Mar 03, 2019							DATE REPORTED: Mar 15, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D59667 (9938861)	<0.5	6.42	<1	897	1.2	<1	1.33	<0.5	34	8.0	96.8	56.5	2.39	20	
D59668 (9938862)	<0.5	7.71	3	2400	0.9	<1	1.11	<0.5	49	1.3	83.4	18.8	1.36	16	
D59669 (9938863)	<0.5	6.70	1	1930	0.8	<1	1.04	<0.5	49	0.9	75.3	12.2	1.18	15	
D59670 (9938864)	<0.5	7.27	<1	434	1.5	<1	2.06	<0.5	38	4.6	94.9	39.5	2.04	22	
D59671 (9938865)	<0.5	7.00	<1	585	1.4	<1	1.84	<0.5	35	5.9	65.6	46.2	2.05	22	
D59672 (9938866)	<0.5	0.07	2	15	<0.5	<1	32.7	<0.5	<1	0.7	2.7	<0.5	0.07	10	
D59673 (9938867)	2.2	7.08	20	253	1.5	<1	2.30	<0.5	32	5.4	91.8	17.0	1.90	22	
D59674 (9938868)	<0.5	5.56	5	480	4.7	<1	4.86	<0.5	120	15.6	121	36.1	3.85	28	
D59675 (9938869)	<0.5	7.49	1	813	1.6	<1	1.75	<0.5	39	3.9	97.4	34.0	2.04	23	
D59676 (9938870)	<0.5	7.51	3	282	1.5	<1	3.00	<0.5	40	4.6	76.3	34.5	1.99	23	
D59677 (9938871)	<0.5	7.83	2	582	1.5	<1	1.93	<0.5	33	5.3	84.8	28.2	2.22	25	
D59678 (9938872)	<0.5	7.73	<1	561	1.4	<1	1.89	<0.5	31	4.9	66.7	27.2	2.13	24	
D59679 (9938873)	<0.5	7.20	<1	755	1.6	<1	1.70	<0.5	33	3.9	65.0	24.2	1.91	21	
D59680 (9938874)	<0.5	7.32	<1	405	1.7	<1	2.13	<0.5	34	5.2	68.2	25.8	1.91	23	
D59681 (9938875)	<0.5	6.68	<1	655	2.2	<1	2.24	<0.5	37	5.7	77.3	27.4	2.05	24	
D59682 (9938876)	<0.5	2.51	<1	836	8.8	<1	9.49	<0.5	207	50.0	435	107	8.77	39	
D59683 (9938877)	<0.5	4.40	<1	754	9.6	<1	7.53	<0.5	132	22.4	164	96.5	6.15	32	
D59684 (9938878)	<0.5	5.01	<1	631	11.6	<1	4.86	<0.5	86	18.9	140	60.4	4.26	31	
D59685 (9938879)	<0.5	5.92	2	577	3.0	<1	3.94	<0.5	70	16.3	142	58.0	3.31	27	
D59686 (9938880)	<0.5	7.22	<1	147	1.6	<1	6.87	<0.5	8	39.3	150	161	8.09	36	
D59687 (9938881)	<0.5	7.15	3	536	1.2	<1	1.63	<0.5	43	9.7	73.1	81.5	2.18	22	
D59688 (9938882)	<0.5	6.63	<1	370	1.3	<1	1.69	<0.5	31	3.9	91.0	37.0	1.57	19	
D59689 (9938883)	<0.5	6.37	<1	1230	1.2	<1	1.02	<0.5	16	2.2	74.1	17.9	1.43	16	
D59690 (9938884)	<0.5	7.15	<1	487	1.4	<1	1.76	<0.5	30	3.2	79.3	13.3	1.74	21	
D59691 (9938885)	0.6	6.76	<1	818	1.2	<1	1.42	<0.5	104	2.7	81.6	23.9	1.51	19	
D59692 (9938886)	<0.5	0.06	<1	16	<0.5	<1	30.3	<0.5	<1	<0.5	2.4	<0.5	0.09	13	
D59693 (9938887)	<0.5	7.68	7	852	3.3	<1	2.21	<0.5	36	7.2	85.9	60.8	2.13	25	
D59694 (9938888)	<0.5	7.95	<1	1110	3.1	<1	2.49	<0.5	51	9.1	95.6	15.1	2.25	29	
D59695 (9938889)	<0.5	7.92	2	1150	2.1	<1	2.82	<0.5	47	8.9	105	9.5	2.25	28	
D59696 (9938890)	<0.5	7.68	6	1130	2.3	<1	2.91	<0.5	57	11.9	126	3.0	2.73	28	
D59697 (9938891)	<0.5	7.54	12	660	3.4	<1	3.63	<0.5	67	13.9	117	15.5	3.20	32	
D59698 (9938892)	<0.5	7.59	7	646	3.4	<1	3.60	<0.5	64	14.1	115	16.0	3.22	33	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T442682

PROJECT: AGAT00545

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 02, 2019	DATE RECEIVED: Mar 03, 2019							DATE REPORTED: Mar 15, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D59699 (9938893)	<0.5	8.01	<1	745	1.9	<1	2.35	<0.5	48	8.8	99.1	7.2	2.32	27	
D59700 (9938894)	<0.5	7.92	<1	1080	1.8	<1	2.50	<0.5	49	9.0	114	9.6	2.32	28	
D59701 (9938895)	<0.5	7.99	3	1210	1.7	<1	2.44	<0.5	47	9.3	97.5	13.8	2.37	29	
D59702 (9938896)	<0.5	7.93	1	809	2.2	<1	2.45	<0.5	49	9.4	102	13.8	2.31	28	
D59703 (9938897)	<0.5	8.58	2	912	2.2	<1	2.34	<0.5	61	6.6	82.7	21.1	2.28	26	
D59704 (9938898)	<0.5	7.88	<1	900	2.4	<1	2.39	<0.5	64	8.8	101	19.7	2.24	28	
D59705 (9938899)	<0.5	7.93	<1	956	2.1	<1	2.58	<0.5	48	9.3	96.1	15.1	2.33	30	
D59706 (9938900)	<0.5	7.51	<1	196	2.5	4	6.35	<0.5	20	36.8	148	110	7.85	36	
D59707 (9938901)	<0.5	8.17	<1	1190	2.0	<1	2.49	<0.5	48	9.1	115	15.2	2.38	28	
D59708 (9938902)	<0.5	6.86	1	1400	8.0	<1	1.69	<0.5	43	5.8	92.7	13.6	2.09	25	
D59709 (9938903)	<0.5	2.18	2	246	11.0	1	8.74	<0.5	149	55.0	319	108	7.58	35	
D59710 (9938904)	<0.5	8.02	<1	1050	5.2	<1	2.01	<0.5	76	7.2	83.0	12.3	2.59	28	
D59711 (9938905)	<0.5	7.83	<1	1100	2.3	<1	2.48	<0.5	51	9.7	102	22.5	2.38	28	
D59712 (9938906)	<0.5	0.07	<1	32	<0.5	<1	32.4	<0.5	<1	0.7	3.1	<0.5	0.09	13	
D59713 (9938907)	<0.5	7.82	<1	873	1.9	<1	2.32	<0.5	48	8.3	105	14.2	2.20	27	
D59714 (9938908)	<0.5	8.72	2	1070	1.7	<1	2.26	<0.5	114	5.7	85.4	9.7	2.30	29	
D59715 (9938909)	<0.5	8.00	<1	727	1.9	<1	2.35	<0.5	55	8.1	103	21.4	2.34	28	
D59716 (9938910)	<0.5	8.07	2	2090	0.7	<1	0.75	<0.5	50	<0.5	59.7	5.0	0.73	16	
D59717 (9938911)	<0.5	7.96	<1	1210	0.9	<1	1.14	<0.5	21	<0.5	58.0	5.4	0.79	16	
D59718 (9938912)	<0.5	7.76	<1	1230	1.0	<1	1.10	<0.5	18	<0.5	57.9	4.3	0.80	17	
D59719 (9938913)	<0.5	7.62	<1	1650	0.8	<1	1.12	<0.5	77	<0.5	72.2	3.7	0.96	18	
D59720 (9938914)	<0.5	8.01	<1	690	2.3	<1	2.41	<0.5	47	8.4	100	9.8	2.35	28	
D59721 (9938915)	<0.5	8.40	<1	698	1.9	<1	2.32	<0.5	64	7.8	110	6.3	2.75	31	
D59722 (9938916)	<0.5	8.13	<1	608	2.5	<1	2.25	<0.5	52	6.5	90.0	20.4	2.50	28	
D59723 (9938917)	<0.5	7.99	<1	618	2.4	<1	2.33	<0.5	45	7.2	98.8	22.2	2.17	26	
D59724 (9938918)	<0.5	8.26	4	794	2.2	<1	1.77	<0.5	43	5.7	86.7	16.2	2.29	27	
D59725 (9938919)	<0.5	8.95	5	1470	2.0	<1	1.57	<0.5	146	3.2	56.3	14.6	2.29	29	
D59726 (9938920)	<0.5	7.39	<1	192	2.5	<1	6.28	<0.5	20	37.8	165	109	7.65	39	
D59727 (9938921)	<0.5	8.79	1	2510	1.6	<1	1.41	<0.5	94	1.8	46.5	8.7	1.52	24	
D59728 (9938922)	<0.5	8.96	11	1760	2.5	<1	1.69	<0.5	252	3.6	68.2	6.5	2.31	28	
D59729 (9938923)	<0.5	7.78	5	930	3.1	<1	2.03	<0.5	57	6.2	86.8	8.5	2.97	29	
D59730 (9938924)	<0.5	7.93	<1	1590	3.0	<1	1.94	<0.5	49	7.8	80.3	6.1	2.41	29	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T442682

PROJECT: AGAT00545

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 02, 2019	DATE RECEIVED: Mar 03, 2019							DATE REPORTED: Mar 15, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D59731 (9938925)	<0.5	7.74	3	1310	3.1	<1	2.26	<0.5	49	8.0	76.1	4.5	2.17	28	
D59732 (9938926)	<0.5	0.08	<1	14	<0.5	<1	31.1	<0.5	<1	0.6	5.4	<0.5	0.12	13	
D59733 (9938927)	<0.5	3.29	27	219	9.1	<1	7.59	<0.5	93	48.2	1360	85.3	6.58	28	
D59734 (9938928)	<0.5	3.89	42	207	10.5	<1	6.28	<0.5	80	44.9	1220	92.3	5.79	32	
D59735 (9938929)	<0.5	8.05	11	7540	2.7	<1	1.72	<0.5	145	<0.5	78.9	6.7	1.87	26	
D59736 (9938930)	<0.5	8.18	1	2080	2.0	<1	1.33	<0.5	37	1.3	74.4	3.0	1.38	24	
D59737 (9938931)	<0.5	8.13	10	1270	2.1	<1	1.88	<0.5	75	5.4	76.7	6.6	2.31	28	
D59738 (9938932)	<0.5	8.16	7	1150	2.2	<1	1.87	<0.5	76	5.6	73.0	6.9	2.33	27	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 02, 2019	DATE RECEIVED: Mar 03, 2019					DATE REPORTED: Mar 15, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D59667 (9938861)	<1	2.33	17	17	0.53	168	11.8	2.44	20.6	291	<20	<50	0.38	<1	
D59668 (9938862)	<1	4.78	26	7	0.22	364	10.6	2.37	5.8	110	<20	<50	0.17	<1	
D59669 (9938863)	<1	3.88	26	7	0.21	268	15.2	2.15	4.4	90	<20	<50	0.10	<1	
D59670 (9938864)	<1	1.34	19	9	0.51	185	10.2	2.93	10.2	290	<20	<50	0.26	<1	
D59671 (9938865)	<1	1.94	17	13	0.51	207	12.3	2.75	12.4	241	<20	<50	0.31	<1	
D59672 (9938866)	<1	0.01	2	<1	1.60	44	1.1	0.04	<0.5	93	<20	<50	<0.01	3	
D59673 (9938867)	<1	1.05	15	15	0.55	378	9.2	2.78	10.6	316	<20	<50	0.11	<1	
D59674 (9938868)	<1	1.60	58	85	2.50	759	9.4	2.79	45.0	1180	<20	<50	0.26	<1	
D59675 (9938869)	<1	2.70	19	11	0.56	234	9.9	2.62	11.4	417	<20	<50	0.23	<1	
D59676 (9938870)	<1	1.15	19	11	0.55	378	10.7	2.80	8.5	354	<20	<50	0.23	<1	
D59677 (9938871)	<1	2.49	16	18	0.63	371	8.8	2.84	10.2	425	<20	<50	0.18	<1	
D59678 (9938872)	<1	2.44	14	17	0.61	339	9.1	2.78	9.6	400	<20	<50	0.17	3	
D59679 (9938873)	<1	2.47	16	14	0.48	206	8.8	2.71	8.6	405	<20	<50	0.17	<1	
D59680 (9938874)	<1	1.48	17	11	0.49	364	11.2	3.02	11.2	346	<20	<50	0.17	1	
D59681 (9938875)	<1	2.11	18	30	0.73	298	7.4	3.06	12.0	717	<20	<50	0.15	<1	
D59682 (9938876)	<1	2.24	101	43	7.18	1590	3.1	2.01	266	3650	21	<50	0.25	<1	
D59683 (9938877)	<1	2.17	65	48	3.60	1080	5.3	3.17	82.3	3800	<20	<50	0.21	<1	
D59684 (9938878)	<1	2.04	40	41	3.13	893	5.8	2.63	102	1130	<20	<50	0.44	<1	
D59685 (9938879)	<1	1.98	33	27	2.05	653	9.1	2.61	70.9	1050	<20	<50	0.34	<1	
D59686 (9938880)	<1	0.20	4	12	4.38	1400	<0.5	2.29	88.9	417	<20	<50	0.15	<1	
D59687 (9938881)	<1	2.61	22	11	0.55	194	9.8	2.83	21.8	317	<20	<50	0.48	2	
D59688 (9938882)	<1	1.41	16	6	0.33	142	16.0	2.92	10.0	244	<20	<50	0.25	<1	
D59689 (9938883)	<1	3.49	8	7	0.28	248	18.3	2.21	7.3	130	<20	<50	0.15	2	
D59690 (9938884)	<1	2.00	14	7	0.46	293	8.6	3.01	8.8	366	<20	<50	0.10	1	
D59691 (9938885)	<1	2.37	55	9	0.27	283	20.6	2.70	8.4	295	<20	<50	0.18	<1	
D59692 (9938886)	<1	0.01	3	1	3.38	55	1.1	0.04	<0.5	95	<20	<50	<0.01	<1	
D59693 (9938887)	<1	1.87	17	15	0.76	249	9.9	2.91	23.4	416	<20	<50	0.35	<1	
D59694 (9938888)	<1	1.57	23	24	1.41	321	8.0	2.91	51.7	595	<20	<50	0.08	<1	
D59695 (9938889)	<1	1.54	21	22	1.59	360	6.4	2.91	60.6	589	<20	<50	0.05	<1	
D59696 (9938890)	<1	1.78	26	20	1.97	439	6.6	2.85	78.7	625	<20	<50	0.02	<1	
D59697 (9938891)	<1	2.13	33	50	2.01	526	5.9	3.53	79.0	1470	<20	<50	0.07	<1	
D59698 (9938892)	<1	2.14	31	51	2.04	530	4.4	3.56	77.9	1360	<20	<50	0.07	<1	

Certified By:



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AGAT WORK ORDER: 19T442682

PROJECT: AGAT00545

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 02, 2019	DATE RECEIVED: Mar 03, 2019					DATE REPORTED: Mar 15, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D59699 (9938893)	<1	1.66	23	23	1.40	353	8.7	3.07	47.5	581	<20	<50	0.04	<1	
D59700 (9938894)	<1	1.78	23	26	1.46	354	7.8	2.80	50.0	638	<20	<50	0.06	<1	
D59701 (9938895)	<1	1.91	22	28	1.53	341	8.6	2.82	54.2	615	<20	<50	0.08	<1	
D59702 (9938896)	<1	1.69	22	29	1.49	364	6.6	2.82	47.3	623	<20	<50	0.08	<1	
D59703 (9938897)	<1	2.21	30	20	1.17	292	8.4	3.18	36.2	627	<20	<50	0.15	<1	
D59704 (9938898)	<1	1.84	31	25	1.29	365	6.5	3.16	41.0	761	<20	<50	0.14	<1	
D59705 (9938899)	<1	1.62	22	15	1.51	395	8.3	2.89	49.2	630	<20	<50	0.10	<1	
D59706 (9938900)	<1	0.44	10	10	4.42	1350	<0.5	2.29	110	887	<20	<50	0.09	2	
D59707 (9938901)	<1	1.78	22	18	1.45	340	7.9	3.02	48.4	604	<20	<50	0.10	2	
D59708 (9938902)	<1	1.46	18	40	1.22	247	9.9	3.58	38.9	1350	<20	<50	0.07	1	
D59709 (9938903)	<1	1.46	70	68	7.54	1380	2.7	2.54	374	619	<20	<50	0.19	<1	
D59710 (9938904)	<1	1.58	37	45	1.60	336	5.1	4.20	47.5	2940	<20	<50	0.04	<1	
D59711 (9938905)	<1	1.78	23	23	1.58	366	5.9	3.16	53.6	933	<20	<50	0.13	<1	
D59712 (9938906)	<1	0.02	3	1	2.31	45	1.2	0.04	<0.5	78	<20	<50	<0.01	<1	
D59713 (9938907)	<1	1.63	22	20	1.31	327	8.3	3.01	43.7	658	<20	<50	0.10	<1	
D59714 (9938908)	<1	2.59	59	30	1.08	287	6.4	3.24	34.2	926	<20	<50	0.08	<1	
D59715 (9938909)	<1	1.54	27	25	1.36	329	7.8	3.13	42.9	621	<20	<50	0.13	<1	
D59716 (9938910)	<1	6.52	28	8	0.24	73	5.8	2.32	3.5	509	24	<50	0.04	<1	
D59717 (9938911)	<1	4.03	12	8	0.21	68	8.4	2.86	2.6	374	<20	<50	0.03	<1	
D59718 (9938912)	<1	3.93	10	8	0.22	71	9.0	2.92	2.6	462	<20	<50	0.03	<1	
D59719 (9938913)	<1	4.49	41	7	0.27	98	6.7	2.54	5.1	480	<20	<50	0.02	<1	
D59720 (9938914)	<1	1.53	21	23	1.35	334	8.4	2.98	46.2	562	<20	<50	0.07	<1	
D59721 (9938915)	<1	1.83	31	30	1.34	325	6.8	3.06	43.4	761	<20	<50	0.05	<1	
D59722 (9938916)	<1	1.60	25	23	1.10	293	7.8	3.13	36.6	702	<20	<50	0.15	<1	
D59723 (9938917)	<1	1.60	21	19	1.16	308	6.3	3.28	37.2	511	<20	<50	0.16	<1	
D59724 (9938918)	<1	2.20	20	31	1.13	258	7.3	3.62	31.7	861	<20	<50	0.14	<1	
D59725 (9938919)	<1	3.97	77	20	0.82	221	4.4	3.28	17.0	1390	<20	<50	0.11	<1	
D59726 (9938920)	<1	0.43	10	10	4.30	1320	<0.5	2.28	110	826	<20	<50	0.08	3	
D59727 (9938921)	<1	5.79	48	17	0.54	152	4.7	2.88	11.7	1790	<20	<50	0.16	3	
D59728 (9938922)	<1	3.76	132	26	1.11	253	3.8	3.50	24.3	1070	<20	<50	0.07	<1	
D59729 (9938923)	<1	2.47	24	32	1.51	302	4.8	3.32	36.3	715	<20	<50	0.14	<1	
D59730 (9938924)	<1	1.66	22	15	1.54	290	7.4	3.11	45.1	990	<20	<50	0.01	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T442682

PROJECT: AGAT00545

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 02, 2019	DATE RECEIVED: Mar 03, 2019					DATE REPORTED: Mar 15, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D59731 (9938925)	<1	1.59	23	39	1.53	341	5.5	3.71	40.8	724	<20	<50	0.03	<1	
D59732 (9938926)	<1	0.02	3	<1	2.18	59	1.2	0.05	<0.5	75	<20	<50	<0.01	<1	
D59733 (9938927)	<1	1.85	43	124	7.10	1250	0.7	1.70	264	698	<20	<50	0.15	<1	
D59734 (9938928)	<1	1.40	38	191	6.05	944	3.2	3.09	287	608	<20	<50	0.18	<1	
D59735 (9938929)	<1	4.08	75	29	1.38	257	3.1	3.44	20.7	240	<20	<50	0.22	1	
D59736 (9938930)	<1	4.25	19	22	0.68	158	7.1	3.02	15.6	810	<20	<50	0.04	1	
D59737 (9938931)	<1	2.31	38	25	1.13	281	4.3	3.50	32.6	718	<20	<50	0.09	<1	
D59738 (9938932)	<1	2.16	38	25	1.12	277	5.9	3.46	33.7	675	<20	<50	0.09	2	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 02, 2019

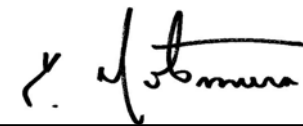
DATE RECEIVED: Mar 03, 2019

DATE REPORTED: Mar 15, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D59667 (9938861)	3	<10	<5	240	<10	<10	<5	0.14	<5	<50	22.6	<1	4	123
D59668 (9938862)	2	<10	<5	312	<10	<10	8	0.08	<5	<50	9.8	<1	7	59.2
D59669 (9938863)	2	<10	<5	272	<10	<10	6	0.07	<5	<50	9.4	<1	5	32.9
D59670 (9938864)	5	<10	<5	287	<10	<10	<5	0.17	<5	<50	25.1	<1	8	123
D59671 (9938865)	5	<10	<5	293	<10	<10	<5	0.17	<5	<50	24.7	<1	8	124
D59672 (9938866)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	2.4
D59673 (9938867)	5	<10	<5	300	<10	<10	<5	0.19	<5	<50	29.4	<1	12	127
D59674 (9938868)	19	<10	6	689	<10	<10	<5	0.33	<5	<50	130	<1	16	106
D59675 (9938869)	5	<10	<5	299	<10	<10	<5	0.16	<5	<50	27.3	<1	7	161
D59676 (9938870)	4	<10	<5	367	<10	10	<5	0.18	<5	<50	25.5	<1	8	136
D59677 (9938871)	4	<10	<5	408	<10	<10	<5	0.20	<5	<50	30.6	<1	6	149
D59678 (9938872)	4	<10	<5	394	<10	<10	<5	0.20	<5	<50	30.0	<1	6	144
D59679 (9938873)	3	<10	<5	361	<10	<10	<5	0.16	<5	<50	24.1	<1	4	103
D59680 (9938874)	4	<10	<5	374	<10	<10	<5	0.17	<5	<50	32.9	<1	7	116
D59681 (9938875)	5	<10	<5	455	<10	<10	<5	0.22	<5	<50	40.8	<1	10	155
D59682 (9938876)	23	<10	<5	1220	<10	62	<5	1.72	<5	<50	299	<1	38	83.2
D59683 (9938877)	16	<10	<5	906	<10	41	<5	1.17	<5	<50	216	<1	45	76.7
D59684 (9938878)	10	<10	<5	709	<10	17	<5	0.54	<5	<50	132	<1	15	44.3
D59685 (9938879)	8	<10	<5	572	<10	11	<5	0.40	<5	<50	82.7	<1	13	128
D59686 (9938880)	44	<10	6	115	<10	19	<5	0.70	<5	<50	309	<1	22	79.6
D59687 (9938881)	4	<10	<5	389	<10	<10	<5	0.15	<5	<50	27.7	<1	6	363
D59688 (9938882)	2	<10	<5	261	<10	<10	<5	0.10	<5	<50	16.9	<1	4	110
D59689 (9938883)	2	<10	<5	223	<10	<10	<5	0.08	<5	<50	12.1	<1	4	68.0
D59690 (9938884)	3	<10	<5	331	<10	<10	<5	0.12	<5	<50	22.5	<1	5	127
D59691 (9938885)	3	<10	<5	227	<10	<10	20	0.10	<5	<50	14.9	<1	7	56.7
D59692 (9938886)	<1	<10	<5	62	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	3.9
D59693 (9938887)	4	<10	<5	449	<10	<10	<5	0.16	<5	<50	31.4	<1	6	159
D59694 (9938888)	6	<10	<5	749	<10	<10	<5	0.20	<5	<50	54.2	<1	7	62.5
D59695 (9938889)	6	<10	<5	888	<10	<10	<5	0.19	<5	<50	53.3	<1	7	62.3
D59696 (9938890)	8	<10	<5	961	<10	<10	<5	0.21	<5	<50	63.2	<1	8	77.0
D59697 (9938891)	9	<10	<5	643	<10	<10	<5	0.32	<5	<50	79.7	<1	12	129
D59698 (9938892)	9	<10	<5	652	<10	13	<5	0.32	<5	<50	79.4	<1	12	112

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T442682

PROJECT: AGAT00545

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 02, 2019	DATE RECEIVED: Mar 03, 2019					DATE REPORTED: Mar 15, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D59699 (9938893)	6	<10	<5	758	<10	<10	<5	0.19	<5	<50	52.1	<1	7	66.2	
D59700 (9938894)	6	<10	<5	934	<10	<10	<5	0.20	<5	<50	56.5	<1	7	56.9	
D59701 (9938895)	6	<10	5	877	<10	<10	<5	0.21	<5	<50	57.4	<1	7	59.3	
D59702 (9938896)	7	<10	<5	792	<10	<10	<5	0.20	<5	<50	55.4	<1	8	62.8	
D59703 (9938897)	5	<10	<5	625	<10	<10	<5	0.19	<5	<50	41.5	<1	6	62.9	
D59704 (9938898)	6	<10	<5	727	<10	<10	<5	0.18	<5	<50	49.9	<1	8	83.0	
D59705 (9938899)	7	<10	<5	840	<10	<10	<5	0.20	<5	<50	57.9	<1	8	61.9	
D59706 (9938900)	34	<10	<5	249	<10	31	<5	0.87	<5	<50	246	<1	22	89.3	
D59707 (9938901)	7	<10	6	890	<10	12	<5	0.21	<5	<50	54.4	<1	7	61.7	
D59708 (9938902)	7	<10	<5	691	<10	<10	<5	0.15	<5	<50	53.2	<1	12	29.7	
D59709 (9938903)	22	<10	<5	1010	<10	32	<5	0.89	<5	<50	240	<1	30	42.0	
D59710 (9938904)	7	<10	<5	660	<10	<10	6	0.20	<5	<50	55.5	<1	31	42.0	
D59711 (9938905)	7	<10	<5	840	<10	<10	<5	0.22	<5	<50	57.6	<1	9	60.7	
D59712 (9938906)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	3.7	
D59713 (9938907)	6	<10	<5	777	<10	<10	<5	0.19	<5	<50	51.5	<1	7	76.2	
D59714 (9938908)	5	<10	<5	596	<10	<10	<5	0.21	<5	<50	38.5	<1	7	82.1	
D59715 (9938909)	6	<10	<5	708	<10	<10	<5	0.19	<5	<50	51.2	<1	7	74.4	
D59716 (9938910)	<1	<10	<5	304	<10	<10	5	0.05	<5	<50	4.3	<1	3	46.8	
D59717 (9938911)	<1	<10	<5	252	<10	<10	<5	0.06	<5	<50	3.9	<1	3	40.2	
D59718 (9938912)	<1	<10	<5	256	<10	<10	<5	0.06	<5	<50	4.2	<1	3	43.0	
D59719 (9938913)	1	<10	<5	263	<10	<10	10	0.08	<5	<50	5.8	<1	3	29.4	
D59720 (9938914)	6	<10	<5	711	<10	<10	<5	0.21	<5	<50	51.3	<1	7	66.9	
D59721 (9938915)	6	<10	<5	605	<10	<10	<5	0.25	<5	<50	50.3	<1	6	91.5	
D59722 (9938916)	6	<10	<5	567	<10	10	<5	0.23	<5	<50	42.7	<1	6	85.4	
D59723 (9938917)	6	<10	<5	601	<10	<10	<5	0.18	<5	<50	46.6	<1	7	73.7	
D59724 (9938918)	5	<10	<5	399	<10	<10	<5	0.18	<5	<50	40.3	<1	7	87.6	
D59725 (9938919)	4	<10	<5	349	<10	<10	9	0.21	<5	<50	26.5	<1	11	95.8	
D59726 (9938920)	35	<10	<5	246	<10	23	<5	0.84	<5	<50	249	<1	22	86.8	
D59727 (9938921)	6	<10	<5	392	<10	<10	11	0.12	<5	<50	27.1	<1	14	36.5	
D59728 (9938922)	4	<10	<5	431	<10	<10	29	0.19	<5	<50	27.9	<1	10	89.1	
D59729 (9938923)	16	<10	6	533	<10	<10	<5	0.20	<5	<50	97.2	<1	10	49.2	
D59730 (9938924)	6	<10	<5	693	<10	<10	<5	0.19	<5	<50	51.0	<1	7	63.7	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T442682

PROJECT: AGAT00545

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 02, 2019	DATE RECEIVED: Mar 03, 2019					DATE REPORTED: Mar 15, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D59731 (9938925)	6	<10	<5	625	<10	<10	<5	0.15	<5	<50	45.6	<1	8	68.5	
D59732 (9938926)	<1	<10	<5	65	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	2.9	
D59733 (9938927)	28	<10	6	626	<10	24	<5	0.75	<5	<50	229	<1	23	49.5	
D59734 (9938928)	34	<10	5	500	<10	12	<5	0.51	<5	<50	296	<1	23	49.0	
D59735 (9938929)	3	<10	<5	318	<10	<10	8	0.17	<5	<50	30.1	<1	9	85.2	
D59736 (9938930)	3	<10	<5	347	<10	<10	<5	0.11	<5	<50	21.7	<1	8	49.3	
D59737 (9938931)	5	<10	<5	414	<10	<10	<5	0.17	<5	<50	39.1	<1	8	112	
D59738 (9938932)	5	<10	<5	409	<10	10	<5	0.18	<5	<50	39.7	<1	7	112	

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PROJECT: AGAT00545

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 02, 2019      DATE RECEIVED: Mar 03, 2019      DATE REPORTED: Mar 15, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D59667 (9938861)				133
D59668 (9938862)				138
D59669 (9938863)				91
D59670 (9938864)				129
D59671 (9938865)				138
D59672 (9938866)				<5
D59673 (9938867)				117
D59674 (9938868)				144
D59675 (9938869)				155
D59676 (9938870)				131
D59677 (9938871)				134
D59678 (9938872)				135
D59679 (9938873)				129
D59680 (9938874)				126
D59681 (9938875)				134
D59682 (9938876)				98
D59683 (9938877)				180
D59684 (9938878)				343
D59685 (9938879)				179
D59686 (9938880)				53
D59687 (9938881)				127
D59688 (9938882)				139
D59689 (9938883)				123
D59690 (9938884)				104
D59691 (9938885)				237
D59692 (9938886)				<5
D59693 (9938887)				114
D59694 (9938888)				94
D59695 (9938889)				91
D59696 (9938890)				87
D59697 (9938891)				92
D59698 (9938892)				94

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T442682

PROJECT: AGAT00545

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 02, 2019      DATE RECEIVED: Mar 03, 2019      DATE REPORTED: Mar 15, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Zr
	Unit:	ppm
	RDL:	5
D59699 (9938893)		85
D59700 (9938894)		85
D59701 (9938895)		81
D59702 (9938896)		93
D59703 (9938897)		68
D59704 (9938898)		88
D59705 (9938899)		84
D59706 (9938900)		92
D59707 (9938901)		81
D59708 (9938902)		101
D59709 (9938903)		249
D59710 (9938904)		94
D59711 (9938905)		86
D59712 (9938906)		<5
D59713 (9938907)		87
D59714 (9938908)		62
D59715 (9938909)		83
D59716 (9938910)		14
D59717 (9938911)		6
D59718 (9938912)		6
D59719 (9938913)		43
D59720 (9938914)		81
D59721 (9938915)		75
D59722 (9938916)		70
D59723 (9938917)		83
D59724 (9938918)		88
D59725 (9938919)		37
D59726 (9938920)		89
D59727 (9938921)		41
D59728 (9938922)		84
D59729 (9938923)		113
D59730 (9938924)		85

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T442682

PROJECT: AGAT00545

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 02, 2019

DATE RECEIVED: Mar 03, 2019

DATE REPORTED: Mar 15, 2019

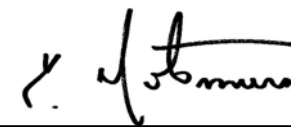
SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D59731 (9938925)	100
D59732 (9938926)	<5
D59733 (9938927)	151
D59734 (9938928)	184
D59735 (9938929)	102
D59736 (9938930)	34
D59737 (9938931)	66
D59738 (9938932)	70

Comments: RDL - Reported Detection Limit

9938861-9938932 As, Sb values may be low due to digestion losses.

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T442682

PROJECT: AGAT00545

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 02, 2019      DATE RECEIVED: Mar 03, 2019      DATE REPORTED: Mar 15, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D59667 (9938861)			0.011
D59668 (9938862)			0.003
D59669 (9938863)			0.005
D59670 (9938864)			0.022
D59671 (9938865)			0.009
D59672 (9938866)			0.001
D59673 (9938867)			0.006
D59674 (9938868)			0.003
D59675 (9938869)			0.005
D59676 (9938870)			0.008
D59677 (9938871)			0.006
D59678 (9938872)			0.006
D59679 (9938873)			0.004
D59680 (9938874)			0.004
D59681 (9938875)			0.002
D59682 (9938876)			0.002
D59683 (9938877)			0.002
D59684 (9938878)			0.006
D59685 (9938879)			0.010
D59686 (9938880)			0.511
D59687 (9938881)			0.010
D59688 (9938882)			0.005
D59689 (9938883)			0.003
D59690 (9938884)			0.002
D59691 (9938885)			0.004
D59692 (9938886)			<0.001
D59693 (9938887)			0.008
D59694 (9938888)			0.001
D59695 (9938889)			0.001
D59696 (9938890)			0.001
D59697 (9938891)			0.008
D59698 (9938892)			0.001

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T442682

PROJECT: AGAT00545

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 02, 2019      DATE RECEIVED: Mar 03, 2019      DATE REPORTED: Mar 15, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D59699 (9938893)			0.002
D59700 (9938894)			0.001
D59701 (9938895)			0.002
D59702 (9938896)			0.001
D59703 (9938897)			0.003
D59704 (9938898)			0.003
D59705 (9938899)			0.002
D59706 (9938900)			0.323
D59707 (9938901)			0.001
D59708 (9938902)			0.001
D59709 (9938903)			0.002
D59710 (9938904)			0.003
D59711 (9938905)			0.002
D59712 (9938906)			<0.001
D59713 (9938907)			0.002
D59714 (9938908)			0.009
D59715 (9938909)			0.002
D59716 (9938910)			0.001
D59717 (9938911)			0.003
D59718 (9938912)			0.002
D59719 (9938913)			0.004
D59720 (9938914)			0.002
D59721 (9938915)			0.001
D59722 (9938916)			0.002
D59723 (9938917)			0.002
D59724 (9938918)			0.002
D59725 (9938919)			0.006
D59726 (9938920)			0.344
D59727 (9938921)			0.004
D59728 (9938922)			0.001
D59729 (9938923)			0.001
D59730 (9938924)			0.001

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T442682

PROJECT: AGAT00545

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 02, 2019

DATE RECEIVED: Mar 03, 2019

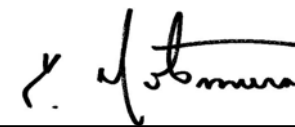
DATE REPORTED: Mar 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D59731 (9938925)			<0.001
D59732 (9938926)			<0.001
D59733 (9938927)			0.002
D59734 (9938928)			0.002
D59735 (9938929)			0.005
D59736 (9938930)			0.002
D59737 (9938931)			0.001
D59738 (9938932)			0.001

Comments: RDL - Reported Detection Limit

Certified By:





# Certificate of Analysis

AGAT WORK ORDER: 19T442682

PROJECT: AGAT00545

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MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 02, 2019

DATE RECEIVED: Mar 03, 2019

DATE REPORTED: Mar 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D59667 (9938861)		81
D59685 (9938879)		79
D59705 (9938899)		84
D59725 (9938919)		83

Comments: RDL - Reported Detection Limit

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	9938861	< 0.5	< 0.5	0.0%	9938875	< 0.5	< 0.5	0.0%	9938886	< 0.5	< 0.5	0.0%	9938901	< 0.5	< 0.5	0.0%
Al	9938861	6.42	6.49	1.1%	9938875	6.68	6.93	3.7%	9938886	0.061	0.065	6.3%	9938901	8.17	7.90	3.4%
As	9938861	< 1	< 1	0.0%	9938875	< 1	1		9938886	< 1	< 1	0.0%	9938901	< 1	< 1	0.0%
Ba	9938861	897	900	0.3%	9938875	655	682	4.0%	9938886	16	20	22.2%	9938901	1190	1180	0.8%
Be	9938861	1.22	1.27	4.0%	9938875	2.2	2.2	0.0%	9938886	< 0.5	< 0.5	0.0%	9938901	2.04	2.07	1.5%
Bi	9938861	< 1	< 1	0.0%	9938875	< 1	< 1	0.0%	9938886	< 1	< 1	0.0%	9938901	< 1	< 1	0.0%
Ca	9938861	1.33	1.33	0.0%	9938875	2.24	2.33	3.9%	9938886	30.3	31.1	2.6%	9938901	2.49	2.46	1.2%
Cd	9938861	< 0.5	< 0.5	0.0%	9938875	< 0.5	< 0.5	0.0%	9938886	< 0.5	< 0.5	0.0%	9938901	< 0.5	< 0.5	0.0%
Ce	9938861	34	40	16.2%	9938875	37	37	0.0%	9938886	< 1	< 1	0.0%	9938901	48	48	0.0%
Co	9938861	7.98	7.95	0.4%	9938875	5.7	4.8	17.1%	9938886	0.5	0.6	18.2%	9938901	9.09	8.92	1.9%
Cr	9938861	96.8	78.8	20.5%	9938875	77.3	66.0	15.8%	9938886	2.4	3.5		9938901	115	118	2.6%
Cu	9938861	56.5	54.6	3.4%	9938875	27.4	27.3	0.4%	9938886	< 0.5	< 0.5	0.0%	9938901	15.2	15.3	0.7%
Fe	9938861	2.39	2.31	3.4%	9938875	2.05	2.12	3.4%	9938886	0.09	0.09	0.0%	9938901	2.38	2.30	3.4%
Ga	9938861	20	21	4.9%	9938875	24	22	8.7%	9938886	13	13	0.0%	9938901	28	28	0.0%
In	9938861	< 1	< 1	0.0%	9938875	< 1	< 1	0.0%	9938886	< 1	< 1	0.0%	9938901	< 1	< 1	0.0%
K	9938861	2.33	2.35	0.9%	9938875	2.11	2.20	4.2%	9938886	0.01	0.01	0.0%	9938901	1.78	1.72	3.4%
La	9938861	17	21	21.1%	9938875	18	19	5.4%	9938886	3	2		9938901	22	22	0.0%
Li	9938861	17	17	0.0%	9938875	30	31	3.3%	9938886	1	1	0.0%	9938901	18	18	0.0%
Mg	9938861	0.529	0.520	1.7%	9938875	0.73	0.74	1.4%	9938886	3.38	3.19	5.8%	9938901	1.45	1.41	2.8%
Mn	9938861	168	160	4.9%	9938875	298	303	1.7%	9938886	55	51	7.5%	9938901	340	329	3.3%
Mo	9938861	11.8	12.6	6.6%	9938875	7.37	6.84	7.5%	9938886	1.12	1.29	14.1%	9938901	7.92	8.19	3.4%
Na	9938861	2.44	2.43	0.4%	9938875	3.06	3.08	0.7%	9938886	0.04	0.04	0.0%	9938901	3.02	2.99	1.0%
Ni	9938861	20.6	20.3	1.5%	9938875	12.0	11.5	4.3%	9938886	< 0.5	< 0.5	0.0%	9938901	48.4	48.6	0.4%
P	9938861	291	293	0.7%	9938875	717	695	3.1%	9938886	95	88	7.7%	9938901	604	613	1.5%
Pb	9938861	< 20	< 20	0.0%	9938875	< 20	< 20	0.0%	9938886	< 20	< 20	0.0%	9938901	< 20	< 20	0.0%
Rb	9938861	< 50	< 50	0.0%	9938875	< 50	< 50	0.0%	9938886	< 50	< 50	0.0%	9938901	< 50	< 50	0.0%
S	9938861	0.38	0.34	11.1%	9938875	0.15	0.15	0.0%	9938886	< 0.01	< 0.01	0.0%	9938901	0.10	0.10	0.0%
Sb	9938861	< 1	< 1	0.0%	9938875	< 1	< 1	0.0%	9938886	< 1	< 1	0.0%	9938901	2	< 1	
Sc	9938861	3	3	0.0%	9938875	5	5	0.0%	9938886	< 1	< 1	0.0%	9938901	7	6	15.4%
Se	9938861	< 10	< 10	0.0%	9938875	< 10	< 10	0.0%	9938886	< 10	< 10	0.0%	9938901	< 10	< 10	0.0%
Sn	9938861	< 5	< 5	0.0%	9938875	< 5	< 5	0.0%	9938886	< 5	< 5	0.0%	9938901	6	< 5	



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	9938861	240	240	0.0%	9938875	455	455	0.0%	9938886	62	63	1.6%	9938901	890	861	3.3%
Ta	9938861	< 10	< 10	0.0%	9938875	< 10	< 10	0.0%	9938886	< 10	< 10	0.0%	9938901	< 10	< 10	0.0%
Te	9938861	< 10	< 10	0.0%	9938875	< 10	< 10	0.0%	9938886	< 10	< 10	0.0%	9938901	12	< 10	
Th	9938861	< 5	< 5	0.0%	9938875	< 5	< 5	0.0%	9938886	< 5	< 5	0.0%	9938901	< 5	< 5	0.0%
Ti	9938861	0.14	0.14	0.0%	9938875	0.223	0.229	2.7%	9938886	< 0.01	< 0.01	0.0%	9938901	0.210	0.203	3.4%
Tl	9938861	< 5	< 5	0.0%	9938875	< 5	< 5	0.0%	9938886	< 5	< 5	0.0%	9938901	< 5	< 5	0.0%
U	9938861	< 50	< 50	0.0%	9938875	< 50	< 50	0.0%	9938886	< 50	< 50	0.0%	9938901	< 50	< 50	0.0%
V	9938861	22.6	23.7	4.8%	9938875	40.8	40.2	1.5%	9938886	1.3	1.3	0.0%	9938901	54.4	54.4	0.0%
W	9938861	< 1	< 1	0.0%	9938875	< 1	< 1	0.0%	9938886	< 1	< 1	0.0%	9938901	< 1	< 1	0.0%
Y	9938861	4	4	0.0%	9938875	10	10	0.0%	9938886	2	2	0.0%	9938901	7	7	0.0%
Zn	9938861	123	120	2.5%	9938875	155	156	0.6%	9938886	3.9	3.9	0.0%	9938901	61.7	61.6	0.2%
Zr	9938861	133	150	12.0%	9938875	134	130	3.0%	9938886	< 5	< 5	0.0%	9938901	81	80	1.2%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	9938911	< 0.5	< 0.5	0.0%	9938925	< 0.5	< 0.5	0.0%								
Al	9938911	7.96	8.07	1.4%	9938925	7.74	7.77	0.4%								
As	9938911	< 1	< 1	0.0%	9938925	3	6									
Ba	9938911	1210	1110	8.6%	9938925	1310	1320	0.8%								
Be	9938911	0.93	1.07	14.0%	9938925	3.1	3.2	3.2%								
Bi	9938911	< 1	< 1	0.0%	9938925	< 1	< 1	0.0%								
Ca	9938911	1.14	1.19	4.3%	9938925	2.26	2.26	0.0%								
Cd	9938911	< 0.5	< 0.5	0.0%	9938925	< 0.5	< 0.5	0.0%								
Ce	9938911	21	17	21.1%	9938925	49	51	4.0%								
Co	9938911	< 0.5	< 0.5	0.0%	9938925	8.0	7.9	1.3%								
Cr	9938911	58.0	74.7	25.2%	9938925	76.1	98.8	26.0%								
Cu	9938911	5.4	3.5		9938925	4.5	4.5	0.0%								
Fe	9938911	0.791	0.919	15.0%	9938925	2.17	2.16	0.5%								
Ga	9938911	16	18	11.8%	9938925	28	28	0.0%								
In	9938911	< 1	< 1	0.0%	9938925	< 1	< 1	0.0%								
K	9938911	4.03	3.66	9.6%	9938925	1.59	1.60	0.6%								
La	9938911	12	10	18.2%	9938925	23	23	0.0%								
Li	9938911	8	9	11.8%	9938925	39	39	0.0%								
Mg	9938911	0.21	0.24	13.3%	9938925	1.53	1.52	0.7%								
Mn	9938911	68	78	13.7%	9938925	341	341	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	9938911	8.38	7.33	13.4%	9938925	5.5	5.8	5.3%								
Na	9938911	2.86	3.14	9.3%	9938925	3.71	3.72	0.3%								
Ni	9938911	2.59	3.26	22.9%	9938925	40.8	42.5	4.1%								
P	9938911	374	381	1.9%	9938925	724	731	1.0%								
Pb	9938911	< 20	< 20	0.0%	9938925	< 20	< 20	0.0%								
Rb	9938911	< 50	< 50	0.0%	9938925	< 50	< 50	0.0%								
S	9938911	0.03	0.03	0.0%	9938925	0.03	0.03	0.0%								
Sb	9938911	< 1	< 1	0.0%	9938925	< 1	< 1	0.0%								
Sc	9938911	< 1	< 1	0.0%	9938925	6	6	0.0%								
Se	9938911	< 10	< 10	0.0%	9938925	< 10	< 10	0.0%								
Sn	9938911	< 5	< 5	0.0%	9938925	< 5	< 5	0.0%								
Sr	9938911	252	261	3.5%	9938925	625	626	0.2%								
Ta	9938911	< 10	< 10	0.0%	9938925	< 10	< 10	0.0%								
Te	9938911	< 10	< 10	0.0%	9938925	< 10	< 10	0.0%								
Th	9938911	< 5	< 5	0.0%	9938925	< 5	< 5	0.0%								
Ti	9938911	0.06	0.07	15.4%	9938925	0.154	0.156	1.3%								
Tl	9938911	< 5	< 5	0.0%	9938925	< 5	< 5	0.0%								
U	9938911	< 50	< 50	0.0%	9938925	< 50	< 50	0.0%								
V	9938911	3.94	4.65	16.5%	9938925	45.6	46.8	2.6%								
W	9938911	< 1	< 1	0.0%	9938925	< 1	< 1	0.0%								
Y	9938911	3	3	0.0%	9938925	8	8	0.0%								
Zn	9938911	40.2	41.2	2.5%	9938925	68.5	67.8	1.0%								
Zr	9938911	6	8	28.6%	9938925	100	104	3.9%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	9938861	0.0109	0.0082	28.3%	9938875	0.002	0.002	0.0%	9938886	< 0.001	< 0.001	0.0%	9938901	0.001	0.001	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	9938911	0.0026	0.0020	26.1%	9938925	< 0.001	0.003									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.69	98%	90% - 110%	8.17	8.57	105%	90% - 110%	6.96	6.89	99%	90% - 110%	10.95	10.6	97%	90% - 110%
As					26	24	92%	90% - 110%	124	124	100%	90% - 110%				
Ba	340	329	97%	90% - 110%	540	528	98%	90% - 110%	186	185	99%	90% - 110%	340	324	95%	90% - 110%
Be	2.6	2.6	102%	90% - 110%	4.0	4	101%	90% - 110%					2.6	2.7	104%	90% - 110%
Ca	5.72	5.38	94%	90% - 110%	0.907	0.903	100%	90% - 110%	4.01	3.91	97%	90% - 110%	5.72	5.31	93%	90% - 110%
Ce	122	119	98%	90% - 110%	98	96	98%	90% - 110%	24	22	92%	90% - 110%	122	119	98%	90% - 110%
Co									22.1	20.2	91%	90% - 110%				
Cr					60.3	59.3	98%	90% - 110%								
Cu					150	159	106%	90% - 110%	88.6	88.8	100%	90% - 110%	7	6	85%	90% - 110%
Fe	4.34	4.09	94%	90% - 110%	3.77	3.87	103%	90% - 110%	7.56	7.4	98%	90% - 110%	4.34	4.05	93%	90% - 110%
Ga	35	36	103%	90% - 110%									35	37	105%	90% - 110%
K	1.37	1.39	102%	90% - 110%					2.021	2.019	100%	90% - 110%	1.37	1.37	100%	90% - 110%
La	58	54	93%	90% - 110%	44	41	94%	90% - 110%					58	53	92%	90% - 110%
Li	37	38	103%	90% - 110%	47	49	105%	90% - 110%					37	38	102%	90% - 110%
Mg	0.325	0.302	93%	90% - 110%	1.10	1.13	103%	90% - 110%	2.412	2.464	102%	90% - 110%	0.325	0.294	91%	90% - 110%
Mn					780	791	101%	90% - 110%	1510	1452	96%	90% - 110%				
Mo					14	13	92%	90% - 110%								
Na	5.267	5.236	99%	90% - 110%	1.624	1.707	105%	90% - 110%	0.617	0.624	101%	90% - 110%	5.267	5.156	98%	90% - 110%
Ni					32	32	100%	90% - 110%	77.1	73	95%	90% - 110%				
P					750	742	99%	90% - 110%	892	908	102%	90% - 110%				
Pb					31	33	106%	90% - 110%								
S									0.348	0.336	97%	90% - 110%				
Sc					12	12	99%	90% - 110%								
Sr	1191	1178	99%	90% - 110%	144	154	107%	90% - 110%	92.8	90.7	98%	90% - 110%	1191	1145	96%	90% - 110%
Ti	0.172	0.164	95%	90% - 110%	0.53	0.49	92%	90% - 110%					0.172	0.162	94%	90% - 110%
V	8	7	87%	90% - 110%	77	77	100%	90% - 110%					8	7	87%	90% - 110%
Y	119	118	99%	90% - 110%									119	117	98%	90% - 110%
Zn	93	89	96%	90% - 110%	130	126	97%	90% - 110%	208	212	102%	90% - 110%	93	85	92%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS6E)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS5W)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits



**AGAT** Laboratories

Quality Assurance - Certified Reference materials  
AGAT WORK ORDER: 19T442682  
PROJECT: AGAT00545

5623 McADAM ROAD  
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CANADA L4Z 1N9  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Au	6.06	5.82	96%	90% - 110%	0.725	0.722	100%	90% - 110%	5.27	5.27	100%	90% - 110%	0.562	0.546	97%	90% - 110%
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## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00545  
 SAMPLING SITE:

AGAT WORK ORDER: 19T442682  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00546

AGAT WORK ORDER: 19T442683

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Mar 21, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T442683

PROJECT: AGAT00546

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 02, 2019      DATE RECEIVED: Mar 03, 2019      DATE REPORTED: Mar 21, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
C69073 (9938933)		1.74
C69074 (9938934)		2.40
C69075 (9938935)		2.88
C69076 (9938936)		2.73
C69077 (9938937)		2.13
C69078 (9938938)		2.13
C69079 (9938939)		1.52
C69080 (9938940)		2.38
C69081 (9938941)		0.660
C69082 (9938942)		1.02
C69083 (9938943)		2.29
C69084 (9938944)		2.27
C69085 (9938945)		1.93
C69086 (9938946)		0.0700
C69087 (9938947)		1.23
C69088 (9938948)		0.800
C69089 (9938949)		2.50
C69090 (9938950)		0.900
C69091 (9938951)		1.64
C69092 (9938952)		0.990
C69093 (9938953)		1.45
C69094 (9938954)		2.21
C69095 (9938955)		1.21
C69096 (9938956)		2.65
C69097 (9938957)		1.05
C69098 (9938958)		1.05
C69099 (9938959)		1.89
C69100 (9938960)		2.04
C69101 (9938961)		0.710
C69102 (9938962)		2.72
C69103 (9938963)		2.56

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T442683

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 02, 2019      DATE RECEIVED: Mar 03, 2019      DATE REPORTED: Mar 21, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
C69104 (9938964)		2.27
C69105 (9938965)		2.60
C69106 (9938966)		0.0700
C69107 (9938967)		2.16
C69108 (9938968)		4.48
C69109 (9938969)		2.87
C69110 (9938970)		1.52
C69111 (9938971)		2.05
C69112 (9938972)		1.78
C69113 (9938973)		2.99
C69114 (9938974)		3.22
C69115 (9938975)		3.76
C69116 (9938976)		3.46
C69117 (9938977)		3.63
C69118 (9938978)		3.63
C69119 (9938979)		3.53
C69120 (9938980)		2.78
C69121 (9938981)		1.18
C69122 (9938982)		1.23
C69123 (9938983)		2.90
C69124 (9938984)		2.24
C69125 (9938985)		1.03
C69126 (9938986)		0.0700
C69127 (9938987)		2.00
C69128 (9938988)		1.12
C69129 (9938989)		0.890
C69130 (9938990)		2.15
C69131 (9938991)		2.22
C69132 (9938992)		2.05
C69133 (9938993)		1.58
C69134 (9938994)		2.33

Certified By:

# Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (200-) Sample Login Weight

DATE SAMPLED: Mar 02, 2019

DATE RECEIVED: Mar 03, 2019

DATE REPORTED: Mar 21, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
C69135 (9938995)		1.73
C69136 (9938996)		2.09
C69137 (9938997)		1.36
C69138 (9938998)		1.36
C69139 (9938999)		1.93
C69140 (9939000)		2.88
C69141 (9939001)		0.490
C69142 (9939002)		3.21
C69143 (9939003)		2.92
C69144 (9939004)		2.05

Comments: RDL - Reported Detection Limit

Certified By:





## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 02, 2019	DATE RECEIVED: Mar 03, 2019							DATE REPORTED: Mar 21, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C69073 (9938933)	<0.5	7.78	<1	76	1.3	<1	6.67	<0.5	7	44.9	112	167	8.14	37	
C69074 (9938934)	<0.5	7.92	<1	92	1.1	<1	7.22	<0.5	7	40.2	99.7	92.2	7.51	31	
C69075 (9938935)	<0.5	7.54	<1	158	1.4	<1	7.65	<0.5	7	43.2	101	186	10.1	38	
C69076 (9938936)	<0.5	7.98	<1	177	1.2	4	8.11	<0.5	7	41.9	108	75.2	9.98	38	
C69077 (9938937)	<0.5	7.57	<1	132	2.0	<1	7.03	<0.5	6	44.7	94.7	99.1	8.55	36	
C69078 (9938938)	<0.5	8.00	<1	140	2.1	8	7.32	<0.5	7	43.5	93.2	91.4	8.67	39	
C69079 (9938939)	<0.5	6.88	<1	98	1.9	<1	6.60	<0.5	5	36.9	89.2	39.8	6.02	31	
C69080 (9938940)	<0.5	6.82	<1	208	2.3	2	6.16	<0.5	30	31.8	38.1	73.4	9.17	36	
C69081 (9938941)	<0.5	8.25	3	307	1.9	<1	5.12	<0.5	32	24.5	70.0	137	7.20	37	
C69082 (9938942)	<0.5	6.69	<1	3480	1.4	<1	1.15	<0.5	96	2.5	11.6	16.4	3.77	24	
C69083 (9938943)	<0.5	5.55	<1	1030	1.3	<1	1.45	<0.5	111	1.9	11.3	15.6	3.04	20	
C69084 (9938944)	<0.5	6.25	<1	586	1.4	<1	1.79	<0.5	169	3.8	11.7	31.3	3.97	23	
C69085 (9938945)	<0.5	5.65	<1	953	1.4	<1	1.60	<0.5	101	1.9	11.6	35.3	3.15	20	
C69086 (9938946)	<0.5	7.13	1	152	1.7	<1	6.72	<0.5	8	40.5	165	158	7.76	37	
C69087 (9938947)	<0.5	6.14	<1	388	1.7	<1	1.79	<0.5	72	2.9	10.8	70.0	6.44	31	
C69088 (9938948)	<0.5	6.39	<1	182	2.8	4	3.39	<0.5	34	20.3	12.4	50.7	7.80	35	
C69089 (9938949)	<0.5	5.85	<1	274	2.3	<1	2.09	<0.5	48	6.7	15.4	16.8	4.46	29	
C69090 (9938950)	<0.5	8.32	3	1360	1.8	<1	2.26	<0.5	112	2.5	8.7	18.5	2.79	24	
C69091 (9938951)	<0.5	6.43	<1	210	2.2	2	3.00	<0.5	42	14.4	14.5	62.0	6.45	34	
C69092 (9938952)	<0.5	0.06	2	16	<0.5	<1	31.6	<0.5	<1	0.6	1.6	<0.5	0.12	12	
C69093 (9938953)	<0.5	7.06	<1	908	2.6	1	4.17	<0.5	45	24.3	9.2	58.8	6.19	34	
C69094 (9938954)	<0.5	7.85	1	5440	1.5	<1	1.23	<0.5	15	<0.5	8.3	9.3	1.53	16	
C69095 (9938955)	<0.5	7.58	<1	292	2.8	4	6.78	<0.5	16	32.2	43.2	99.3	8.75	39	
C69096 (9938956)	<0.5	8.06	<1	343	2.4	6	7.46	<0.5	13	36.0	43.1	147	8.39	35	
C69097 (9938957)	<0.5	7.32	<1	187	2.3	10	6.51	<0.5	15	47.3	23.3	256	11.7	44	
C69098 (9938958)	<0.5	6.90	<1	177	2.7	<1	6.25	<0.5	15	47.1	22.1	257	11.5	44	
C69099 (9938959)	<0.5	6.46	<1	245	2.7	<1	5.53	<0.5	20	34.7	16.1	140	8.97	37	
C69100 (9938960)	<0.5	7.50	<1	280	2.6	6	6.36	<0.5	16	39.7	24.1	162	9.80	41	
C69101 (9938961)	<0.5	7.56	<1	277	1.7	4	7.38	<0.5	14	36.2	70.1	124	9.18	33	
C69102 (9938962)	<0.5	8.16	4	155	1.2	<1	9.84	<0.5	9	43.1	148	104	8.08	33	
C69103 (9938963)	<0.5	7.80	<1	352	1.2	<1	8.97	<0.5	6	47.1	156	114	7.54	34	
C69104 (9938964)	<0.5	8.41	<1	325	0.8	<1	9.09	<0.5	6	45.2	158	122	8.08	34	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T442683

PROJECT: AGAT00546

5623 McADAM ROAD  
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CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 02, 2019	DATE RECEIVED: Mar 03, 2019		DATE REPORTED: Mar 21, 2019		SAMPLE TYPE: Drill Core									
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5
C69105 (9938965)	<0.5	8.05	<1	311	1.4	<1	7.97	<0.5	21	45.2	187	121	7.84	38
C69106 (9938966)	<0.5	7.33	<1	199	2.3	5	6.28	<0.5	20	39.1	148	109	7.47	39
C69107 (9938967)	<0.5	8.09	<1	514	0.9	<1	7.86	<0.5	5	45.7	160	72.6	7.93	36
C69108 (9938968)	<0.5	8.30	<1	292	1.0	<1	6.85	<0.5	6	47.8	183	156	7.67	34
C69109 (9938969)	<0.5	7.98	<1	378	1.2	<1	6.35	<0.5	6	44.8	192	131	8.09	34
C69110 (9938970)	<0.5	7.79	<1	441	1.2	<1	6.87	<0.5	7	42.3	202	75.6	7.63	36
C69111 (9938971)	<0.5	7.72	<1	425	1.3	<1	7.38	<0.5	11	42.5	192	155	8.51	38
C69112 (9938972)	<0.5	0.07	<1	14	<0.5	<1	32.5	<0.5	<1	0.8	1.9	<0.5	0.13	13
C69113 (9938973)	<0.5	6.47	<1	465	2.5	<1	6.52	<0.5	30	39.6	207	112	8.81	39
C69114 (9938974)	<0.5	2.62	<1	1140	8.3	9	12.7	<0.5	208	40.4	494	141	9.90	41
C69115 (9938975)	<0.5	3.02	<1	1240	8.6	14	10.7	<0.5	188	37.9	408	163	9.76	42
C69116 (9938976)	<0.5	2.50	<1	1150	8.1	5	9.87	<0.5	132	49.3	593	141	9.39	42
C69117 (9938977)	<0.5	2.39	<1	999	8.7	12	9.57	<0.5	139	47.3	539	112	8.90	39
C69118 (9938978)	<0.5	2.32	<1	1010	8.9	14	9.95	<0.5	144	48.1	585	120	9.31	41
C69119 (9938979)	<0.5	2.70	<1	1180	8.2	<1	9.76	<0.5	185	38.8	445	138	8.43	42
C69120 (9938980)	<0.5	2.03	8	811	6.7	4	9.02	<0.5	146	53.3	589	101	8.27	35
C69121 (9938981)	<0.5	6.93	23	268	2.5	<1	2.38	<0.5	36	7.4	30.6	25.2	1.40	20
C69122 (9938982)	<0.5	7.96	8	375	1.9	1	4.37	<0.5	21	25.4	84.6	98.2	3.05	27
C69123 (9938983)	<0.5	9.47	13	389	1.4	<1	7.10	<0.5	8	50.7	190	127	5.30	31
C69124 (9938984)	<0.5	9.04	10	465	1.7	2	8.24	<0.5	13	49.9	223	114	6.26	34
C69125 (9938985)	<0.5	4.03	<1	752	6.9	2	7.57	<0.5	95	58.6	491	121	8.66	46
C69126 (9938986)	<0.5	7.38	<1	202	2.0	3	6.42	<0.5	20	35.6	154	107	7.59	35
C69127 (9938987)	<0.5	8.89	4	528	1.4	3	6.92	<0.5	6	49.9	217	166	5.41	32
C69128 (9938988)	<0.5	8.66	17	345	2.6	<1	7.77	<0.5	7	51.3	215	205	5.68	30
C69129 (9938989)	<0.5	4.24	<1	536	9.1	3	7.78	<0.5	89	52.2	438	125	8.86	38
C69130 (9938990)	<0.5	8.80	6	393	1.5	<1	7.75	<0.5	6	51.2	217	79.7	6.21	33
C69131 (9938991)	<0.5	8.79	11	169	1.4	<1	7.89	<0.5	7	50.7	232	87.8	6.98	33
C69132 (9938992)	<0.5	0.08	<1	16	<0.5	<1	31.9	<0.5	<1	0.6	2.3	<0.5	0.15	12
C69133 (9938993)	<0.5	8.11	14	261	1.8	2	7.80	<0.5	10	42.5	153	124	8.20	39
C69134 (9938994)	<0.5	7.99	3	328	2.0	6	7.13	<0.5	14	38.3	92.9	123	7.66	36
C69135 (9938995)	<0.5	7.03	<1	268	1.9	<1	7.22	<0.5	13	38.9	99.0	235	9.73	42
C69136 (9938996)	<0.5	9.51	4	3370	1.5	<1	2.15	<0.5	12	<0.5	10.1	5.4	0.87	18

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## Certificate of Analysis

AGAT WORK ORDER: 19T442683

PROJECT: AGAT00546

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 02, 2019	DATE RECEIVED: Mar 03, 2019					DATE REPORTED: Mar 21, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C69137 (9938997)	<0.5	8.63	4	389	1.4	3	7.51	<0.5	7	45.2	157	61.7	8.10	34	
C69138 (9938998)	<0.5	8.33	11	371	1.5	<1	7.28	<0.5	7	48.5	160	58.6	7.91	35	
C69139 (9938999)	<0.5	8.74	1	644	1.8	<1	4.86	<0.5	29	33.7	115	173	6.46	31	
C69140 (9939000)	<0.5	8.21	2	858	2.1	<1	5.06	<0.5	40	28.9	125	108	5.53	33	
C69141 (9939001)	<0.5	7.67	7	663	1.5	<1	2.58	<0.5	56	13.1	24.4	71.6	2.24	22	
C69142 (9939002)	<0.5	8.06	3	3220	1.3	<1	1.60	<0.5	121	1.7	10.0	26.6	1.93	21	
C69143 (9939003)	1.2	6.97	<1	5280	0.5	<1	0.70	<0.5	9	<0.5	8.7	7.7	0.63	11	
C69144 (9939004)	0.7	6.37	<1	5110	<0.5	<1	0.64	<0.5	5	<0.5	7.3	15.6	0.75	10	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 02, 2019	DATE RECEIVED: Mar 03, 2019					DATE REPORTED: Mar 21, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
C69073 (9938933)	<1	0.14	4	14	3.57	1670	<0.5	2.47	59.5	276	<20	<50	0.21	<1	
C69074 (9938934)	<1	0.21	4	16	3.57	1730	<0.5	2.66	59.3	273	<20	<50	0.09	3	
C69075 (9938935)	<1	0.18	4	14	3.80	2810	<0.5	1.99	59.3	248	<20	<50	0.28	<1	
C69076 (9938936)	<1	0.25	4	14	3.83	2910	<0.5	1.76	61.0	282	<20	<50	0.09	2	
C69077 (9938937)	<1	0.45	4	14	3.32	1880	<0.5	2.65	67.2	281	<20	<50	0.13	<1	
C69078 (9938938)	<1	0.39	3	15	3.42	1950	<0.5	2.73	60.9	260	<20	<50	0.12	<1	
C69079 (9938939)	<1	0.43	3	14	2.38	1230	<0.5	3.26	58.2	189	<20	<50	0.07	<1	
C69080 (9938940)	<1	0.72	13	11	2.22	2020	6.3	2.08	31.8	530	<20	<50	0.26	3	
C69081 (9938941)	<1	0.98	12	13	1.80	1400	70.8	2.80	35.2	455	<20	<50	0.54	<1	
C69082 (9938942)	<1	3.79	50	23	0.78	495	27.2	1.95	2.6	398	<20	<50	0.10	<1	
C69083 (9938943)	<1	1.56	53	17	0.46	695	5.5	2.09	2.4	406	<20	<50	0.08	<1	
C69084 (9938944)	<1	1.26	86	21	0.55	1550	2.0	2.51	2.9	488	<20	<50	0.13	<1	
C69085 (9938945)	<1	1.35	48	17	0.43	827	3.4	2.22	2.5	309	<20	<50	0.12	<1	
C69086 (9938946)	<1	0.21	4	12	4.23	1370	<0.5	2.29	87.3	406	<20	<50	0.15	<1	
C69087 (9938947)	<1	1.10	22	24	0.47	1730	1.2	1.89	1.8	360	<20	<50	0.22	2	
C69088 (9938948)	<1	1.22	10	38	1.70	1910	<0.5	1.81	15.0	544	<20	<50	0.15	2	
C69089 (9938949)	<1	1.19	16	26	0.65	836	1.0	2.36	6.1	718	<20	<50	0.06	<1	
C69090 (9938950)	<1	1.65	59	29	0.50	300	8.5	3.60	3.7	662	<20	<50	0.06	<1	
C69091 (9938951)	<1	1.21	13	25	1.11	1040	0.8	2.11	11.0	780	<20	<50	0.15	3	
C69092 (9938952)	<1	0.01	3	1	2.72	60	0.9	0.04	0.9	75	<20	<50	<0.01	<1	
C69093 (9938953)	<1	1.81	22	18	1.35	1110	33.0	2.49	13.9	983	<20	<50	0.13	2	
C69094 (9938954)	<1	5.46	9	14	0.29	194	21.2	2.52	3.2	72	<20	<50	0.03	<1	
C69095 (9938955)	<1	0.72	6	15	2.49	2050	0.6	2.25	33.2	574	<20	<50	0.19	<1	
C69096 (9938956)	<1	0.45	5	18	2.35	1880	<0.5	2.60	36.6	563	<20	<50	0.26	<1	
C69097 (9938957)	<1	0.46	6	17	2.68	2780	<0.5	2.17	33.4	661	<20	<50	0.59	3	
C69098 (9938958)	<1	0.43	6	16	2.54	2620	<0.5	2.05	31.3	634	<20	<50	0.60	5	
C69099 (9938959)	<1	0.38	8	18	1.93	2080	<0.5	2.11	23.4	648	<20	<50	0.27	<1	
C69100 (9938960)	<1	0.40	7	28	2.83	2540	<0.5	2.53	31.6	708	<20	<50	0.25	3	
C69101 (9938961)	<1	0.45	6	25	2.93	2000	<0.5	2.24	57.4	483	<20	<50	0.18	3	
C69102 (9938962)	<1	0.33	5	22	2.97	1940	<0.5	2.05	109	364	<20	<50	0.12	2	
C69103 (9938963)	<1	0.33	4	25	3.52	1450	<0.5	2.10	127	248	<20	<50	0.09	3	
C69104 (9938964)	<1	0.46	4	24	4.32	1590	<0.5	1.97	135	254	<20	<50	0.09	3	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T442683

PROJECT: AGAT00546

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 02, 2019	DATE RECEIVED: Mar 03, 2019					DATE REPORTED: Mar 21, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
C69105 (9938965)	<1	0.61	11	23	4.18	1500	<0.5	2.00	128	436	<20	<50	0.12	<1	
C69106 (9938966)	<1	0.45	9	10	4.21	1320	0.6	2.32	108	887	<20	<50	0.08	1	
C69107 (9938967)	<1	0.48	3	25	4.53	1430	<0.5	1.95	138	208	<20	<50	0.08	<1	
C69108 (9938968)	<1	0.37	4	31	4.89	1360	<0.5	2.41	150	228	<20	<50	0.14	<1	
C69109 (9938969)	<1	0.33	4	28	4.78	1450	<0.5	2.51	127	238	<20	<50	0.10	<1	
C69110 (9938970)	<1	0.36	5	38	4.65	1310	<0.5	2.55	112	308	<20	<50	0.06	<1	
C69111 (9938971)	<1	0.38	7	33	5.35	1390	<0.5	2.36	108	560	<20	<50	0.12	<1	
C69112 (9938972)	<1	0.01	3	1	2.91	75	0.8	0.04	0.9	82	<20	<50	<0.01	<1	
C69113 (9938973)	<1	0.60	16	35	6.47	1300	<0.5	1.97	98.4	1320	<20	<50	0.09	<1	
C69114 (9938974)	<1	2.15	97	14	6.85	1660	<0.5	0.62	210	5080	20	<50	0.29	<1	
C69115 (9938975)	<1	2.57	81	14	7.09	1440	<0.5	0.92	202	4690	25	<50	0.29	2	
C69116 (9938976)	<1	2.62	64	16	8.13	1480	1.6	1.41	347	2930	24	<50	0.24	1	
C69117 (9938977)	<1	2.49	65	23	8.24	1470	2.5	1.50	319	3450	24	<50	0.27	<1	
C69118 (9938978)	<1	2.45	68	18	8.28	1580	2.7	1.65	317	3510	23	<50	0.31	<1	
C69119 (9938979)	<1	2.25	84	23	6.07	1450	0.7	1.83	209	4340	21	<50	0.23	<1	
C69120 (9938980)	<1	1.74	68	75	9.36	1510	1.0	1.55	453	2830	<20	<50	0.17	<1	
C69121 (9938981)	<1	0.40	14	83	0.69	242	1.6	4.94	33.0	217	<20	<50	0.05	3	
C69122 (9938982)	<1	0.67	10	23	1.05	632	1.1	3.39	64.1	303	<20	<50	0.29	<1	
C69123 (9938983)	<1	0.51	4	21	2.07	1290	<0.5	3.31	143	272	<20	<50	0.25	<1	
C69124 (9938984)	<1	0.53	7	16	2.41	2170	<0.5	2.39	150	367	<20	<50	0.20	<1	
C69125 (9938985)	<1	2.76	43	21	7.92	1360	1.4	1.47	352	2030	<20	<50	0.18	<1	
C69126 (9938986)	<1	0.45	9	10	4.26	1330	<0.5	2.36	101	871	<20	<50	0.09	<1	
C69127 (9938987)	<1	0.58	3	16	2.28	1450	0.8	2.79	146	238	<20	<50	0.23	1	
C69128 (9938988)	<1	0.61	4	18	1.59	1680	<0.5	2.35	142	258	<20	<50	0.28	<1	
C69129 (9938989)	<1	1.81	39	22	6.31	1600	1.4	2.39	270	1860	<20	<50	0.28	<1	
C69130 (9938990)	<1	0.77	3	14	2.18	1840	<0.5	2.33	147	269	<20	<50	0.11	<1	
C69131 (9938991)	<1	0.58	4	27	2.17	2150	0.5	2.31	145	282	<20	<50	0.12	<1	
C69132 (9938992)	<1	0.02	2	1	3.28	93	<0.5	0.05	1.1	90	<20	<50	<0.01	1	
C69133 (9938993)	<1	0.58	5	18	2.44	2490	<0.5	2.13	95.3	405	<20	<50	0.16	<1	
C69134 (9938994)	<1	0.49	6	15	2.32	2080	<0.5	2.17	49.4	558	<20	<50	0.16	<1	
C69135 (9938995)	<1	0.62	6	18	2.81	2860	<0.5	1.64	63.2	417	<20	<50	0.41	<1	
C69136 (9938996)	<1	4.02	7	12	0.18	115	4.2	3.79	6.6	66	<20	<50	0.03	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T442683

PROJECT: AGAT00546

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 02, 2019	DATE RECEIVED: Mar 03, 2019					DATE REPORTED: Mar 21, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
C69137 (9938997)	<1	1.02	4	23	3.33	2200	<0.5	2.28	135	269	<20	<50	0.22	2	
C69138 (9938998)	<1	0.97	4	22	3.25	2110	<0.5	2.19	142	276	<20	<50	0.20	<1	
C69139 (9938999)	<1	1.42	13	33	2.14	1450	7.1	2.93	97.6	489	<20	<50	0.78	<1	
C69140 (9939000)	<1	1.21	19	34	2.75	1170	1.3	2.71	109	818	<20	<50	0.36	<1	
C69141 (9939001)	<1	1.38	27	15	0.58	287	13.7	3.14	18.0	496	<20	<50	0.24	<1	
C69142 (9939002)	<1	4.11	68	16	0.39	249	23.9	2.79	8.9	199	<20	<50	0.11	1	
C69143 (9939003)	<1	5.67	2	4	0.08	182	6.4	1.98	2.5	43	<20	<50	0.04	<1	
C69144 (9939004)	<1	5.45	<2	6	0.09	79	2.0	1.62	5.1	79	<20	<50	0.07	<1	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 02, 2019	DATE RECEIVED: Mar 03, 2019					DATE REPORTED: Mar 21, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
C69073 (9938933)	46	<10	<5	107	<10	17	<5	0.59	<5	<50	297	<1	21	86.3	
C69074 (9938934)	44	<10	<5	126	<10	19	<5	0.59	<5	<50	283	<1	19	83.9	
C69075 (9938935)	44	<10	<5	79	<10	20	<5	0.58	<5	<50	290	<1	21	92.2	
C69076 (9938936)	46	<10	5	97	<10	20	<5	0.61	<5	<50	296	<1	22	94.1	
C69077 (9938937)	45	<10	<5	116	<10	20	<5	0.54	<5	<50	279	<1	21	93.6	
C69078 (9938938)	44	<10	<5	123	<10	14	<5	0.58	<5	<50	280	<1	21	92.5	
C69079 (9938939)	39	<10	<5	192	<10	13	<5	0.41	<5	<50	232	<1	15	79.0	
C69080 (9938940)	38	<10	<5	168	<10	26	<5	0.90	<5	<50	328	<1	39	139	
C69081 (9938941)	21	<10	<5	261	<10	19	<5	0.47	<5	<50	136	<1	47	147	
C69082 (9938942)	4	<10	<5	317	<10	13	<5	0.35	<5	<50	22.3	<1	21	94.2	
C69083 (9938943)	4	<10	<5	252	<10	12	7	0.24	<5	<50	8.0	<1	30	60.4	
C69084 (9938944)	7	<10	<5	275	<10	12	12	0.24	<5	<50	12.9	<1	55	67.0	
C69085 (9938945)	4	<10	<5	271	<10	<10	<5	0.21	<5	<50	9.0	<1	29	59.8	
C69086 (9938946)	44	<10	5	114	<10	12	<5	0.68	<5	<50	301	<1	22	77.1	
C69087 (9938947)	8	<10	5	185	<10	20	<5	0.34	<5	<50	2.6	<1	139	110	
C69088 (9938948)	26	<10	8	181	<10	23	<5	0.71	<5	<50	206	<1	59	138	
C69089 (9938949)	12	<10	<5	144	<10	15	<5	0.37	<5	<50	19.8	<1	57	97.3	
C69090 (9938950)	6	<10	5	371	<10	12	7	0.30	<5	<50	12.5	<1	19	74.3	
C69091 (9938951)	21	<10	5	132	<10	23	<5	0.64	<5	<50	112	<1	67	113	
C69092 (9938952)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	0.9	<1	2	4.0	
C69093 (9938953)	28	<10	<5	221	<10	22	<5	0.71	<5	<50	253	<1	26	118	
C69094 (9938954)	3	<10	<5	390	<10	<10	<5	0.15	<5	<50	26.9	<1	3	34.5	
C69095 (9938955)	43	<10	<5	155	<10	30	<5	1.02	<5	<50	393	<1	34	122	
C69096 (9938956)	40	<10	5	186	<10	31	<5	0.96	<5	<50	357	<1	31	108	
C69097 (9938957)	45	<10	<5	210	<10	34	<5	1.11	<5	<50	425	<1	37	135	
C69098 (9938958)	44	<10	<5	196	<10	32	<5	1.07	<5	<50	411	<1	36	132	
C69099 (9938959)	37	<10	<5	171	<10	28	<5	0.92	<5	<50	312	<1	41	118	
C69100 (9938960)	44	<10	<5	228	<10	33	<5	1.05	<5	<50	411	<1	38	135	
C69101 (9938961)	41	<10	<5	209	<10	27	<5	0.89	<5	<50	321	<1	31	117	
C69102 (9938962)	38	<10	5	157	<10	18	<5	0.56	<5	<50	246	<1	23	82.5	
C69103 (9938963)	37	<10	<5	172	<10	14	<5	0.44	<5	<50	234	<1	18	75.2	
C69104 (9938964)	38	<10	<5	173	<10	17	<5	0.47	<5	<50	230	<1	17	77.5	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T442683

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 02, 2019	DATE RECEIVED: Mar 03, 2019					DATE REPORTED: Mar 21, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
C69105 (9938965)	37	<10	<5	178	<10	16	<5	0.48	<5	<50	230	<1	19	79.3	
C69106 (9938966)	33	<10	6	249	<10	15	<5	0.86	<5	<50	236	<1	22	83.9	
C69107 (9938967)	38	<10	<5	134	<10	14	<5	0.45	<5	<50	230	<1	17	77.8	
C69108 (9938968)	36	<10	<5	212	<10	14	<5	0.44	<5	<50	222	<1	17	82.3	
C69109 (9938969)	38	<10	<5	201	<10	14	<5	0.46	<5	<50	234	<1	17	76.7	
C69110 (9938970)	37	<10	<5	263	<10	13	<5	0.43	<5	<50	240	<1	18	73.1	
C69111 (9938971)	38	<10	5	416	<10	15	<5	0.49	<5	<50	247	<1	18	83.8	
C69112 (9938972)	<1	<10	6	70	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	4.1	
C69113 (9938973)	35	<10	<5	383	<10	26	<5	0.71	<5	<50	267	<1	26	85.7	
C69114 (9938974)	24	<10	6	1090	<10	87	<5	2.56	<5	<50	341	<1	36	95.8	
C69115 (9938975)	24	<10	7	985	<10	93	<5	2.72	<5	<50	363	<1	33	92.9	
C69116 (9938976)	24	<10	<5	1310	<10	79	<5	2.21	<5	<50	277	<1	27	90.1	
C69117 (9938977)	21	<10	6	1040	<10	75	<5	2.16	<5	<50	268	<1	28	84.8	
C69118 (9938978)	22	<10	5	1160	<10	72	<5	2.17	<5	<50	284	<1	30	99.5	
C69119 (9938979)	24	<10	5	1120	<10	73	<5	2.13	<5	<50	317	<1	33	82.4	
C69120 (9938980)	20	<10	5	1130	<10	53	<5	1.53	<5	<50	203	<1	26	77.8	
C69121 (9938981)	5	<10	<5	288	<10	<10	15	0.13	<5	<50	42.3	<1	7	34.0	
C69122 (9938982)	19	<10	<5	242	<10	<10	<5	0.31	<5	<50	124	<1	11	106	
C69123 (9938983)	42	<10	<5	204	<10	15	<5	0.60	<5	<50	267	<1	20	110	
C69124 (9938984)	42	<10	<5	179	<10	19	<5	0.69	<5	<50	277	<1	21	96.9	
C69125 (9938985)	23	<10	<5	660	<10	73	<5	2.05	<5	<50	286	2	22	82.7	
C69126 (9938986)	33	<10	<5	255	<10	17	<5	0.88	<5	<50	229	<1	21	84.4	
C69127 (9938987)	43	<10	<5	165	<10	11	<5	0.58	<5	<50	276	<1	19	112	
C69128 (9938988)	44	<10	5	140	<10	13	<5	0.56	<5	<50	281	<1	21	79.5	
C69129 (9938989)	27	<10	5	674	<10	60	<5	1.76	<5	<50	280	<1	29	94.7	
C69130 (9938990)	42	<10	<5	133	<10	15	<5	0.57	<5	<50	267	<1	21	90.0	
C69131 (9938991)	44	<10	<5	136	<10	19	<5	0.57	<5	<50	274	<1	21	91.3	
C69132 (9938992)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	4.4	
C69133 (9938993)	43	<10	<5	127	<10	19	<5	0.73	<5	<50	309	<1	27	115	
C69134 (9938994)	45	<10	5	146	<10	23	<5	0.89	<5	<50	337	<1	31	112	
C69135 (9938995)	38	<10	6	95	<10	24	<5	0.61	<5	<50	275	<1	27	104	
C69136 (9938996)	1	<10	<5	441	<10	<10	<5	0.07	<5	<50	13.0	1	3	27.7	

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## Certificate of Analysis

AGAT WORK ORDER: 19T442683

PROJECT: AGAT00546

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 02, 2019	DATE RECEIVED: Mar 03, 2019					DATE REPORTED: Mar 21, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
C69137 (9938997)	39	<10	<5	166	<10	14	<5	0.47	<5	<50	235	<1	20	118	
C69138 (9938998)	40	<10	<5	159	<10	15	<5	0.46	<5	<50	241	2	21	110	
C69139 (9938999)	28	<10	<5	335	<10	11	<5	0.50	<5	<50	193	<1	17	196	
C69140 (9939000)	23	<10	<5	404	<10	12	<5	0.41	<5	<50	158	<1	16	163	
C69141 (9939001)	5	<10	<5	378	<10	<10	<5	0.19	<5	<50	44.9	<1	6	67.9	
C69142 (9939002)	3	<10	<5	375	<10	<10	18	0.18	<5	<50	24.5	<1	5	55.5	
C69143 (9939003)	1	<10	<5	365	<10	<10	10	0.03	<5	<50	4.3	<1	4	8.8	
C69144 (9939004)	<1	<10	<5	332	<10	<10	5	0.04	<5	<50	5.8	<1	2	16.2	

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## Certificate of Analysis

AGAT WORK ORDER: 19T442683

PROJECT: AGAT00546

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 02, 2019	DATE RECEIVED: Mar 03, 2019	DATE REPORTED: Mar 21, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C69073 (9938933)				14
C69074 (9938934)				10
C69075 (9938935)				12
C69076 (9938936)				14
C69077 (9938937)				16
C69078 (9938938)				16
C69079 (9938939)				15
C69080 (9938940)				62
C69081 (9938941)				91
C69082 (9938942)				153
C69083 (9938943)				245
C69084 (9938944)				223
C69085 (9938945)				217
C69086 (9938946)				54
C69087 (9938947)				184
C69088 (9938948)				129
C69089 (9938949)				145
C69090 (9938950)				127
C69091 (9938951)				129
C69092 (9938952)				<5
C69093 (9938953)				48
C69094 (9938954)				13
C69095 (9938955)				19
C69096 (9938956)				19
C69097 (9938957)				21
C69098 (9938958)				22
C69099 (9938959)				38
C69100 (9938960)				28
C69101 (9938961)				18
C69102 (9938962)				14
C69103 (9938963)				12
C69104 (9938964)				12

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## Certificate of Analysis

AGAT WORK ORDER: 19T442683

PROJECT: AGAT00546

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 02, 2019      DATE RECEIVED: Mar 03, 2019      DATE REPORTED: Mar 21, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C69105 (9938965)				23
C69106 (9938966)				91
C69107 (9938967)				13
C69108 (9938968)				15
C69109 (9938969)				15
C69110 (9938970)				22
C69111 (9938971)				21
C69112 (9938972)				<5
C69113 (9938973)				88
C69114 (9938974)				281
C69115 (9938975)				315
C69116 (9938976)				186
C69117 (9938977)				220
C69118 (9938978)				186
C69119 (9938979)				226
C69120 (9938980)				180
C69121 (9938981)				184
C69122 (9938982)				73
C69123 (9938983)				14
C69124 (9938984)				25
C69125 (9938985)				225
C69126 (9938986)				90
C69127 (9938987)				12
C69128 (9938988)				32
C69129 (9938989)				252
C69130 (9938990)				13
C69131 (9938991)				13
C69132 (9938992)				<5
C69133 (9938993)				14
C69134 (9938994)				16
C69135 (9938995)				27
C69136 (9938996)				103

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T442683

PROJECT: AGAT00546

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 02, 2019      DATE RECEIVED: Mar 03, 2019      DATE REPORTED: Mar 21, 2019      SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
C69137 (9938997)	23
C69138 (9938998)	22
C69139 (9938999)	71
C69140 (9939000)	77
C69141 (9939001)	149
C69142 (9939002)	187
C69143 (9939003)	294
C69144 (9939004)	191

Comments: RDL - Reported Detection Limit  
 9938933-9939004 As, Sb values may be low due to digestion losses.

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AGAT WORK ORDER: 19T442683

PROJECT: AGAT00546

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 02, 2019      DATE RECEIVED: Mar 03, 2019      DATE REPORTED: Mar 21, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C69073 (9938933)			0.077
C69074 (9938934)			0.005
C69075 (9938935)			0.006
C69076 (9938936)			0.008
C69077 (9938937)			0.014
C69078 (9938938)			0.005
C69079 (9938939)			0.011
C69080 (9938940)			0.010
C69081 (9938941)			0.014
C69082 (9938942)			0.005
C69083 (9938943)			0.004
C69084 (9938944)			0.006
C69085 (9938945)			0.006
C69086 (9938946)			0.529
C69087 (9938947)			0.008
C69088 (9938948)			0.006
C69089 (9938949)			0.03
C69090 (9938950)			0.003
C69091 (9938951)			0.015
C69092 (9938952)			0.003
C69093 (9938953)			0.003
C69094 (9938954)			0.002
C69095 (9938955)			0.004
C69096 (9938956)			0.004
C69097 (9938957)			0.006
C69098 (9938958)			0.005
C69099 (9938959)			0.006
C69100 (9938960)			0.005
C69101 (9938961)			0.004
C69102 (9938962)			0.005
C69103 (9938963)			0.004
C69104 (9938964)			0.004

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T442683

PROJECT: AGAT00546

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 02, 2019      DATE RECEIVED: Mar 03, 2019      DATE REPORTED: Mar 21, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C69105 (9938965)			0.005
C69106 (9938966)			0.322
C69107 (9938967)			0.005
C69108 (9938968)			0.004
C69109 (9938969)			0.004
C69110 (9938970)			0.003
C69111 (9938971)			0.004
C69112 (9938972)			0.002
C69113 (9938973)			0.004
C69114 (9938974)			0.002
C69115 (9938975)			0.003
C69116 (9938976)			0.003
C69117 (9938977)			0.002
C69118 (9938978)			0.003
C69119 (9938979)			0.027
C69120 (9938980)			0.005
C69121 (9938981)			0.005
C69122 (9938982)			0.012
C69123 (9938983)			0.004
C69124 (9938984)			0.004
C69125 (9938985)			0.003
C69126 (9938986)			0.339
C69127 (9938987)			0.004
C69128 (9938988)			0.006
C69129 (9938989)			0.007
C69130 (9938990)			0.006
C69131 (9938991)			0.005
C69132 (9938992)			< 0.001
C69133 (9938993)			0.003
C69134 (9938994)			0.004
C69135 (9938995)			0.012
C69136 (9938996)			0.004

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## Certificate of Analysis

AGAT WORK ORDER: 19T442683

PROJECT: AGAT00546

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 02, 2019	DATE RECEIVED: Mar 03, 2019	DATE REPORTED: Mar 21, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C69137 (9938997)			0.013
C69138 (9938998)			0.012
C69139 (9938999)			0.011
C69140 (9939000)			0.006
C69141 (9939001)			0.006
C69142 (9939002)			0.003
C69143 (9939003)			0.002
C69144 (9939004)			0.002

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T442683

PROJECT: AGAT00546

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 02, 2019

DATE RECEIVED: Mar 03, 2019

DATE REPORTED: Mar 21, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
C69074 (9938934)		77
C69075 (9938935)		80
C69091 (9938951)		81
C69111 (9938971)		76
C69113 (9938973)		80
C69123 (9938983)		83
C69131 (9938991)		82

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	9938933	< 0.5	< 0.5	0.0%	9938947	< 0.5	< 0.5	0.0%	9938958	< 0.5	< 0.5	0.0%	9938972	< 0.5	< 0.5	0.0%
Al	9938933	7.78	7.63	1.9%	9938947	6.14	5.97	2.8%	9938958	6.90	7.12	3.1%	9938972	0.066	0.061	7.9%
As	9938933	< 1	< 1	0.0%	9938947	< 1	< 1	0.0%	9938958	< 1	< 1	0.0%	9938972	< 1	< 1	0.0%
Ba	9938933	76	74	2.7%	9938947	388	386	0.5%	9938958	177	180	1.7%	9938972	14	13	7.4%
Be	9938933	1.33	1.41	5.8%	9938947	1.7	1.8	5.7%	9938958	2.7	2.7	0.0%	9938972	< 0.5	< 0.5	0.0%
Bi	9938933	< 1	< 1	0.0%	9938947	< 1	< 1	0.0%	9938958	< 1	1		9938972	< 1	< 1	0.0%
Ca	9938933	6.67	6.85	2.7%	9938947	1.79	1.78	0.6%	9938958	6.25	6.42	2.7%	9938972	32.5	31.7	2.5%
Cd	9938933	< 0.5	< 0.5	0.0%	9938947	< 0.5	< 0.5	0.0%	9938958	< 0.5	< 0.5	0.0%	9938972	< 0.5	< 0.5	0.0%
Ce	9938933	7	7	0.0%	9938947	72	72	0.0%	9938958	15	15	0.0%	9938972	< 1	< 1	0.0%
Co	9938933	44.9	45.8	2.0%	9938947	2.87	2.79	2.8%	9938958	47.1	46.4	1.5%	9938972	0.8	0.6	28.6%
Cr	9938933	112	117	4.4%	9938947	10.8	10.9	0.9%	9938958	22.1	21.4	3.2%	9938972	1.9	1.9	0.0%
Cu	9938933	167	164	1.8%	9938947	70.0	68.6	2.0%	9938958	257	284	10.0%	9938972	< 0.5	< 0.5	0.0%
Fe	9938933	8.14	8.18	0.5%	9938947	6.44	6.28	2.5%	9938958	11.5	12.0	4.3%	9938972	0.126	0.120	4.9%
Ga	9938933	37	37	0.0%	9938947	31	29	6.7%	9938958	44	39	12.0%	9938972	13	14	7.4%
In	9938933	< 1	< 1	0.0%	9938947	< 1	< 1	0.0%	9938958	< 1	< 1	0.0%	9938972	< 1	< 1	0.0%
K	9938933	0.14	0.14	0.0%	9938947	1.10	1.08	1.8%	9938958	0.432	0.450	4.1%	9938972	0.01	0.01	0.0%
La	9938933	4	4	0.0%	9938947	22	22	0.0%	9938958	6	6	0.0%	9938972	3	3	0.0%
Li	9938933	14	14	0.0%	9938947	24	24	0.0%	9938958	16	17	6.1%	9938972	1	1	0.0%
Mg	9938933	3.57	3.56	0.3%	9938947	0.47	0.47	0.0%	9938958	2.54	2.67	5.0%	9938972	2.91	2.81	3.5%
Mn	9938933	1670	1630	2.4%	9938947	1730	1670	3.5%	9938958	2620	2870	9.1%	9938972	75	74	1.3%
Mo	9938933	< 0.5	0.7		9938947	1.2	1.6	28.6%	9938958	< 0.5	< 0.5	0.0%	9938972	0.80	0.98	20.2%
Na	9938933	2.47	2.50	1.2%	9938947	1.89	1.86	1.6%	9938958	2.05	2.08	1.5%	9938972	0.04	0.04	0.0%
Ni	9938933	59.5	64.4	7.9%	9938947	1.8	1.7	5.7%	9938958	31.3	32.8	4.7%	9938972	0.9	0.7	25.0%
P	9938933	276	305	10.0%	9938947	360	371	3.0%	9938958	634	638	0.6%	9938972	82	71	14.4%
Pb	9938933	< 20	< 20	0.0%	9938947	< 20	< 20	0.0%	9938958	< 20	< 20	0.0%	9938972	< 20	< 20	0.0%
Rb	9938933	< 50	< 50	0.0%	9938947	< 50	< 50	0.0%	9938958	< 50	< 50	0.0%	9938972	< 50	< 50	0.0%
S	9938933	0.21	0.23	9.1%	9938947	0.216	0.212	1.9%	9938958	0.602	0.637	5.6%	9938972	< 0.01	< 0.01	0.0%
Sb	9938933	< 1	< 1	0.0%	9938947	2	1	66.7%	9938958	5	4	22.2%	9938972	< 1	< 1	0.0%
Sc	9938933	46	46	0.0%	9938947	8	8	0.0%	9938958	44	44	0.0%	9938972	< 1	< 1	0.0%
Se	9938933	< 10	< 10	0.0%	9938947	< 10	< 10	0.0%	9938958	< 10	< 10	0.0%	9938972	< 10	< 10	0.0%
Sn	9938933	< 5	< 5	0.0%	9938947	5	5	0.0%	9938958	< 5	< 5	0.0%	9938972	6	5	18.2%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	9938933	107	109	1.9%	9938947	185	182	1.6%	9938958	196	198	1.0%	9938972	70	69	1.4%
Ta	9938933	< 10	< 10	0.0%	9938947	< 10	< 10	0.0%	9938958	< 10	< 10	0.0%	9938972	< 10	< 10	0.0%
Te	9938933	17	18	5.7%	9938947	20	20	0.0%	9938958	32	35	9.0%	9938972	< 10	< 10	0.0%
Th	9938933	< 5	< 5	0.0%	9938947	< 5	< 5	0.0%	9938958	< 5	< 5	0.0%	9938972	< 5	< 5	0.0%
Ti	9938933	0.593	0.583	1.7%	9938947	0.34	0.33	3.0%	9938958	1.07	1.09	1.9%	9938972	< 0.01	< 0.01	0.0%
Tl	9938933	< 5	< 5	0.0%	9938947	< 5	< 5	0.0%	9938958	< 5	< 5	0.0%	9938972	< 5	< 5	0.0%
U	9938933	< 50	< 50	0.0%	9938947	< 50	< 50	0.0%	9938958	< 50	< 50	0.0%	9938972	< 50	< 50	0.0%
V	9938933	297	300	1.0%	9938947	2.6	2.8	7.4%	9938958	411	411	0.0%	9938972	1.28	1.19	7.3%
W	9938933	< 1	< 1	0.0%	9938947	< 1	< 1	0.0%	9938958	< 1	< 1	0.0%	9938972	< 1	< 1	0.0%
Y	9938933	21	21	0.0%	9938947	139	137	1.4%	9938958	36	37	2.7%	9938972	2	2	0.0%
Zn	9938933	86.3	86.3	0.0%	9938947	110	109	0.9%	9938958	132	138	4.4%	9938972	4.07	3.99	2.0%
Zr	9938933	14	14	0.0%	9938947	184	182	1.1%	9938958	22	19	14.6%	9938972	< 5	< 5	0.0%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	9938983	< 0.5	< 0.5	0.0%	9938997	< 0.5	< 0.5	0.0%								
Al	9938983	9.47	9.50	0.3%	9938997	8.63	8.48	1.8%								
As	9938983	13	10	26.1%	9938997	4	2	66.7%								
Ba	9938983	389	388	0.3%	9938997	389	399	2.5%								
Be	9938983	1.44	1.55	7.4%	9938997	1.4	1.4	0.0%								
Bi	9938983	< 1	< 1	0.0%	9938997	3	1	100.0%								
Ca	9938983	7.10	7.01	1.3%	9938997	7.51	7.69	2.4%								
Cd	9938983	< 0.5	< 0.5	0.0%	9938997	< 0.5	< 0.5	0.0%								
Ce	9938983	8	8	0.0%	9938997	7	7	0.0%								
Co	9938983	50.7	54.2	6.7%	9938997	45.2	47.3	4.5%								
Cr	9938983	190	213	11.4%	9938997	157	161	2.5%								
Cu	9938983	127	129	1.6%	9938997	61.7	61.2	0.8%								
Fe	9938983	5.30	5.35	0.9%	9938997	8.10	7.91	2.4%								
Ga	9938983	31	31	0.0%	9938997	34	35	2.9%								
In	9938983	< 1	< 1	0.0%	9938997	< 1	< 1	0.0%								
K	9938983	0.514	0.520	1.2%	9938997	1.02	0.994	2.6%								
La	9938983	4	4	0.0%	9938997	4	4	0.0%								
Li	9938983	21	21	0.0%	9938997	23	23	0.0%								
Mg	9938983	2.07	2.10	1.4%	9938997	3.33	3.28	1.5%								
Mn	9938983	1290	1290	0.0%	9938997	2200	2130	3.2%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	9938983	< 0.5	< 0.5	0.0%	9938997	< 0.5	< 0.5	0.0%								
Na	9938983	3.31	3.28	0.9%	9938997	2.28	2.33	2.2%								
Ni	9938983	143	148	3.4%	9938997	135	138	2.2%								
P	9938983	272	284	4.3%	9938997	269	282	4.7%								
Pb	9938983	< 20	< 20	0.0%	9938997	< 20	< 20	0.0%								
Rb	9938983	< 50	< 50	0.0%	9938997	< 50	< 50	0.0%								
S	9938983	0.25	0.25	0.0%	9938997	0.22	0.21	4.7%								
Sb	9938983	< 1	< 1	0.0%	9938997	2	< 1									
Sc	9938983	42	44	4.7%	9938997	39	41	5.0%								
Se	9938983	< 10	< 10	0.0%	9938997	< 10	< 10	0.0%								
Sn	9938983	< 5	< 5	0.0%	9938997	4	5	22.2%								
Sr	9938983	204	202	1.0%	9938997	166	169	1.8%								
Ta	9938983	< 10	< 10	0.0%	9938997	< 10	< 10	0.0%								
Te	9938983	15	18	18.2%	9938997	14	14	0.0%								
Th	9938983	< 5	< 5	0.0%	9938997	< 5	< 5	0.0%								
Ti	9938983	0.603	0.608	0.8%	9938997	0.47	0.46	2.2%								
Tl	9938983	< 5	< 5	0.0%	9938997	< 5	< 5	0.0%								
U	9938983	< 50	< 50	0.0%	9938997	< 50	< 50	0.0%								
V	9938983	267	285	6.5%	9938997	235	244	3.8%								
W	9938983	< 1	< 1	0.0%	9938997	< 1	< 1	0.0%								
Y	9938983	20	21	4.9%	9938997	20	21	4.9%								
Zn	9938983	110	110	0.0%	9938997	118	119	0.8%								
Zr	9938983	14	15	6.9%	9938997	23	21	9.1%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	9938933	0.077	0.07	9.5%	9938947	0.008	0.0097	21.7%	9938958	0.005	0.006	18.2%	9938972	0.013	0.013	0.0%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	9938983	0.004	0.004	0.0%	9938997	0.013	0.0101	22.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.54	96%	90% - 110%	8.17	8.26	101%	90% - 110%	6.96	6.6	95%	90% - 110%	10.95	10.91	100%	90% - 110%
As					26	24	91%	90% - 110%	124	123	99%	90% - 110%				
Ba	340	337	99%	90% - 110%	540	538	100%	90% - 110%	186	185	99%	90% - 110%	340	342	100%	90% - 110%
Be	2.6	2.8	107%	90% - 110%	4.0	4.4	109%	90% - 110%					2.6	2.6	100%	90% - 110%
Ca	5.72	5.47	96%	90% - 110%	0.907	0.884	98%	90% - 110%	4.01	3.75	93%	90% - 110%	5.72	5.51	96%	90% - 110%
Ce	122	121	99%	90% - 110%	98	102	104%	90% - 110%	24	22	90%	90% - 110%	122	119	98%	90% - 110%
Co									22.1	21	95%	90% - 110%				
Cr					60.3	59	98%	90% - 110%								
Cu					150	153	102%	90% - 110%	88.6	82.4	93%	90% - 110%				
Fe	4.34	3.93	91%	90% - 110%	3.77	3.64	96%	90% - 110%	7.56	6.89	91%	90% - 110%	4.34	4.03	93%	90% - 110%
Ga	35	38	108%	90% - 110%									35	35	99%	90% - 110%
K	1.37	1.44	105%	90% - 110%					2.021	2.034	101%	90% - 110%	1.37	1.48	108%	90% - 110%
La	58	54	94%	90% - 110%	44	42	96%	90% - 110%					58	54	92%	90% - 110%
Li	37	38	103%	90% - 110%	47	48	102%	90% - 110%					37	39	106%	90% - 110%
Mg	0.325	0.296	91%	90% - 110%	1.10	1.06	97%	90% - 110%	2.412	2.28	95%	90% - 110%	0.325	0.308	95%	90% - 110%
Mn					780	760	97%	90% - 110%	1510	1398	93%	90% - 110%				
Mo					14	14	99%	90% - 110%								
Na	5.267	5.427	103%	90% - 110%	1.624	1.727	106%	90% - 110%	0.617	0.614	100%	90% - 110%	5.267	5.534	105%	90% - 110%
Ni	9	6	72%	90% - 110%	32	32	100%	90% - 110%	77.1	71.4	93%	90% - 110%				
P					750	740	99%	90% - 110%	892	924	104%	90% - 110%				
Pb					31	31	99%	90% - 110%								
S									0.348	0.319	92%	90% - 110%				
Sb					0.8	0.9	108%	90% - 110%								
Sc					12	12	102%	90% - 110%								
Sr	1191	1207	101%	90% - 110%	144	154	107%	90% - 110%	92.8	88	95%	90% - 110%	1191	1228	103%	90% - 110%
Ti	0.172	0.165	96%	90% - 110%	0.53	0.48	91%	90% - 110%					0.172	0.173	100%	90% - 110%
V					77	78	102%	90% - 110%								
W					5	4	84%	90% - 110%								
Y	119	119	100%	90% - 110%									119	116	98%	90% - 110%
Zn	93	87	94%	90% - 110%	130	119	91%	90% - 110%	208	194	93%	90% - 110%	93	88	94%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Parameter	CRM #1 (ref.GS6E)				CRM #2 (ref.GSP5G)				CRM #3 (ref.1P5Q)				CRM #4 (ref.GS5W)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.06	5.88	97%	90% - 110%	0.562	0.506	90%	90% - 110%	1.329	1.226	92%	90% - 110%	5.27	5.04	96%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00546  
 SAMPLING SITE:

AGAT WORK ORDER: 19T442683  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE



CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00547

AGAT WORK ORDER: 19T443397

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Mar 19, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T443397

PROJECT: AGAT00547

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 04, 2019      DATE RECEIVED: Mar 05, 2019      DATE REPORTED: Mar 19, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D59739 (9943227)		1.36
D59740 (9943228)		1.59
D59741 (9943229)		1.45
D59742 (9943230)		2.05
D59743 (9943231)		2.26
D59744 (9943232)		1.85
D59745 (9943233)		2.10
D59746 (9943234)		0.0700
D59747 (9943235)		2.41
D59748 (9943236)		1.72
D59749 (9943237)		1.52
D59750 (9943238)		0.940
D59751 (9943239)		2.64
D59752 (9943240)		2.83
D59753 (9943241)		1.08
D59754 (9943242)		1.78
D59755 (9943243)		1.64
D59756 (9943244)		1.26
D59757 (9943245)		2.49
D59758 (9943246)		2.49
D59759 (9943247)		1.82
D59760 (9943248)		2.36
D59761 (9943249)		2.10
D59762 (9943250)		2.51
D59763 (9943251)		2.30
D59764 (9943252)		2.76
D59765 (9943253)		1.97
D59766 (9943254)		0.0700
D59767 (9943255)		1.90
D59768 (9943256)		2.10
D59769 (9943257)		2.18

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T443397

PROJECT: AGAT00547

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (200-) Sample Login Weight

DATE SAMPLED: Mar 04, 2019      DATE RECEIVED: Mar 05, 2019      DATE REPORTED: Mar 19, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D59770 (9943258)		1.90
D59771 (9943259)		2.46
D59772 (9943260)		1.84
D59773 (9943261)		0.790
D59774 (9943262)		2.16
D59775 (9943263)		2.20
D59776 (9943264)		2.06
D59777 (9943265)		1.61
D59778 (9943266)		1.61
D59779 (9943267)		1.80
D59780 (9943268)		2.69
D59781 (9943269)		2.19
D59782 (9943270)		1.77
D59783 (9943271)		1.70
D59784 (9943272)		2.01
D59785 (9943273)		1.99
D59786 (9943274)		0.0700
D59787 (9943275)		2.13
D59788 (9943276)		2.30
D59789 (9943277)		2.29
D59790 (9943278)		2.00
D59791 (9943279)		1.60
D59792 (9943280)		1.74
D59793 (9943281)		2.13
D59794 (9943282)		2.24
D59795 (9943283)		2.16
D59796 (9943284)		2.07
D59797 (9943285)		2.11
D59798 (9943286)		2.11
D59799 (9943287)		2.14
D59800 (9943288)		2.04

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T443397

PROJECT: AGAT00547

5623 McADAM ROAD  
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 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 04, 2019      DATE RECEIVED: Mar 05, 2019      DATE REPORTED: Mar 19, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D59801 (9943289)		1.61
D59802 (9943290)		1.45
D59803 (9943291)		2.54
D59804 (9943292)		2.65
D59805 (9943293)		2.57
D59806 (9943294)		0.0700
D59807 (9943295)		2.41
D59808 (9943296)		2.63
D59809 (9943297)		2.55
D59810 (9943298)		2.42

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T443397

PROJECT: AGAT00547

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019	DATE RECEIVED: Mar 05, 2019							DATE REPORTED: Mar 19, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D59739 (9943227)	<0.5	7.70	6	738	2.4	<1	1.77	<0.5	44	9.1	83.9	7.3	2.41	28	
D59740 (9943228)	<0.5	7.71	2	1430	1.6	<1	1.44	<0.5	46	3.1	63.6	4.2	1.53	22	
D59741 (9943229)	<0.5	7.63	36	711	2.4	<1	2.29	<0.5	54	12.1	97.2	13.7	2.87	30	
D59742 (9943230)	<0.5	6.49	<1	1590	1.0	<1	0.88	<0.5	38	<0.5	54.6	3.3	0.99	15	
D59743 (9943231)	<0.5	7.15	<1	2980	0.8	<1	0.52	<0.5	33	<0.5	42.8	2.0	0.93	16	
D59744 (9943232)	<0.5	6.77	<1	2870	0.6	<1	0.55	<0.5	15	<0.5	54.2	2.0	0.70	13	
D59745 (9943233)	<0.5	7.92	2	2860	0.7	<1	1.05	<0.5	14	<0.5	34.7	3.3	0.69	14	
D59746 (9943234)	<0.5	7.52	<1	200	2.0	7	6.52	<0.5	19	35.4	148	112	7.61	36	
D59747 (9943235)	<0.5	7.89	<1	1870	2.2	<1	1.42	<0.5	73	1.4	58.6	10.7	1.43	19	
D59748 (9943236)	<0.5	7.71	4	2500	0.9	<1	1.29	<0.5	172	0.7	41.5	16.6	1.17	16	
D59749 (9943237)	<0.5	6.80	<1	231	1.4	<1	2.12	<0.5	29	6.1	72.6	48.2	1.85	20	
D59750 (9943238)	<0.5	7.92	2	3050	0.6	<1	1.02	<0.5	29	<0.5	42.2	25.3	1.23	14	
D59751 (9943239)	<0.5	7.49	9	384	1.8	<1	2.55	<0.5	34	11.5	74.3	90.5	1.94	22	
D59752 (9943240)	<0.5	0.06	<1	16	<0.5	<1	33.0	<0.5	<1	0.7	4.2	<0.5	0.09	13	
D59753 (9943241)	<0.5	7.99	23	438	1.7	<1	2.88	<0.5	42	13.9	76.2	131	2.41	26	
D59754 (9943242)	<0.5	8.47	111	371	3.1	<1	3.47	0.7	48	15.6	90.0	120	2.82	27	
D59755 (9943243)	1.0	7.08	1	2190	0.6	<1	1.09	<0.5	99	<0.5	39.2	13.0	0.97	14	
D59756 (9943244)	2.5	5.67	15	691	1.0	<1	1.53	<0.5	469	2.5	90.9	20.4	1.69	13	
D59757 (9943245)	<0.5	9.05	<1	172	6.5	2	6.66	<0.5	13	38.5	154	95.0	5.22	33	
D59758 (9943246)	<0.5	9.16	2	169	6.8	<1	6.79	<0.5	14	39.6	163	96.9	5.35	32	
D59759 (9943247)	<0.5	8.89	2	167	2.7	1	6.67	<0.5	11	39.5	153	80.4	5.03	31	
D59760 (9943248)	<0.5	8.73	4	292	2.1	<1	6.56	<0.5	11	40.3	165	120	5.11	32	
D59761 (9943249)	<0.5	8.97	5	165	2.1	<1	7.97	<0.5	7	46.6	177	150	5.14	33	
D59762 (9943250)	<0.5	9.13	<1	313	2.0	3	6.97	<0.5	7	49.5	182	136	5.75	30	
D59763 (9943251)	<0.5	9.48	<1	404	5.8	2	6.81	<0.5	7	56.1	221	146	5.75	35	
D59764 (9943252)	<0.5	8.51	<1	154	7.5	<1	6.99	<0.5	10	43.5	174	62.0	7.22	35	
D59765 (9943253)	<0.5	8.01	2	3380	0.6	<1	0.82	<0.5	8	<0.5	37.2	2.3	0.62	13	
D59766 (9943254)	<0.5	7.35	<1	199	2.4	4	6.30	<0.5	20	38.1	161	108	7.50	37	
D59767 (9943255)	<0.5	7.29	<1	1390	1.4	<1	1.49	<0.5	71	2.8	58.1	3.9	2.05	22	
D59768 (9943256)	<0.5	8.18	3	2630	0.8	<1	1.12	<0.5	39	<0.5	47.4	6.3	0.93	16	
D59769 (9943257)	<0.5	7.12	2	2460	0.6	<1	0.97	<0.5	7	<0.5	35.3	4.1	0.58	11	
D59770 (9943258)	0.8	7.04	7	1650	1.0	<1	1.34	<0.5	194	<0.5	69.2	3.4	0.85	14	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T443397

PROJECT: AGAT00547

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019	DATE RECEIVED: Mar 05, 2019							DATE REPORTED: Mar 19, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D59771 (9943259)	<0.5	7.55	2	1910	0.8	<1	1.42	<0.5	28	0.8	36.0	15.1	0.93	15	
D59772 (9943260)	<0.5	0.07	4	15	<0.5	<1	32.0	<0.5	<1	1.5	2.3	<0.5	0.11	13	
D59773 (9943261)	<0.5	6.83	5	172	1.4	<1	5.07	<0.5	31	7.5	77.8	70.3	3.52	28	
D59774 (9943262)	<0.5	7.22	<1	2230	1.0	<1	1.00	<0.5	28	<0.5	35.0	8.0	0.63	12	
D59775 (9943263)	<0.5	7.38	2	2670	0.6	<1	0.92	<0.5	9	<0.5	45.5	4.6	0.58	13	
D59776 (9943264)	<0.5	7.14	1	1460	2.7	<1	2.86	<0.5	83	6.1	83.9	18.2	2.26	24	
D59777 (9943265)	<0.5	2.05	<1	958	8.2	4	9.13	<0.5	161	58.3	460	120	9.42	44	
D59778 (9943266)	<0.5	2.18	<1	1040	7.5	19	9.78	<0.5	164	53.0	444	129	10.1	40	
D59779 (9943267)	<0.5	2.28	<1	870	9.3	<1	9.50	<0.5	185	50.1	327	149	8.21	41	
D59780 (9943268)	<0.5	6.98	<1	619	2.0	<1	3.03	<0.5	51	10.4	64.3	215	3.43	27	
D59781 (9943269)	<0.5	7.75	3	669	1.5	<1	4.09	<0.5	25	25.7	113	148	4.61	31	
D59782 (9943270)	<0.5	7.92	<1	465	1.3	<1	5.64	<0.5	20	29.0	101	321	6.65	32	
D59783 (9943271)	<0.5	7.50	2	500	1.6	<1	5.18	<0.5	26	17.4	75.1	49.1	4.23	30	
D59784 (9943272)	<0.5	7.96	<1	379	3.9	<1	6.14	<0.5	8	33.9	94.3	42.5	6.79	36	
D59785 (9943273)	<0.5	8.10	<1	235	2.5	<1	7.76	<0.5	6	45.1	90.6	118	9.13	37	
D59786 (9943274)	<0.5	7.43	<1	203	2.1	7	6.55	<0.5	20	38.6	154	109	7.62	37	
D59787 (9943275)	<0.5	7.96	<1	222	1.9	<1	8.04	<0.5	7	44.4	93.9	74.1	8.93	37	
D59788 (9943276)	1.0	6.75	<1	680	1.1	<1	2.18	<0.5	8	6.6	45.7	51.4	1.84	19	
D59789 (9943277)	<0.5	6.86	<1	2510	<0.5	<1	1.47	<0.5	5	<0.5	31.1	5.1	0.51	12	
D59790 (9943278)	<0.5	7.30	<1	2370	0.8	<1	0.86	<0.5	4	<0.5	28.9	14.0	0.56	14	
D59791 (9943279)	<0.5	8.53	<1	520	1.7	<1	5.89	<0.5	9	32.8	95.5	41.4	6.17	33	
D59792 (9943280)	<0.5	0.08	<1	15	<0.5	<1	32.3	<0.5	<1	0.6	4.5	<0.5	0.11	12	
D59793 (9943281)	<0.5	7.75	1	2830	0.6	<1	0.85	<0.5	5	<0.5	28.9	2.4	0.48	12	
D59794 (9943282)	<0.5	7.53	<1	2120	0.7	<1	1.15	<0.5	3	<0.5	45.8	4.0	0.61	13	
D59795 (9943283)	<0.5	7.27	2	2210	0.7	<1	0.97	<0.5	4	<0.5	22.9	1.8	0.41	12	
D59796 (9943284)	<0.5	7.61	1	2030	0.7	<1	1.15	<0.5	4	<0.5	29.7	3.7	0.52	12	
D59797 (9943285)	<0.5	7.60	1	2950	<0.5	<1	0.76	<0.5	3	<0.5	24.2	4.4	0.56	12	
D59798 (9943286)	<0.5	7.18	2	2750	<0.5	<1	0.72	<0.5	3	<0.5	30.5	4.4	0.61	12	
D59799 (9943287)	<0.5	7.09	<1	3150	<0.5	<1	0.58	<0.5	3	<0.5	25.3	8.0	0.48	11	
D59800 (9943288)	<0.5	7.73	<1	2270	0.9	<1	2.36	<0.5	4	8.7	56.5	37.1	2.28	19	
D59801 (9943289)	<0.5	7.95	<1	307	1.6	<1	6.93	<0.5	7	40.3	95.9	44.6	8.29	37	
D59802 (9943290)	<0.5	3.03	<1	757	7.6	8	8.68	<0.5	92	63.0	492	118	9.66	45	

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## Certificate of Analysis

AGAT WORK ORDER: 19T443397

PROJECT: AGAT00547

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019	DATE RECEIVED: Mar 05, 2019					DATE REPORTED: Mar 19, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D59803 (9943291)	<0.5	8.31	<1	206	1.8	2	6.92	<0.5	9	38.3	92.8	67.4	8.05	36	
D59804 (9943292)	<0.5	8.16	<1	135	1.4	<1	7.98	<0.5	8	44.6	122	139	9.71	36	
D59805 (9943293)	<0.5	7.97	<1	184	1.5	<1	7.80	<0.5	7	45.4	107	122	8.26	37	
D59806 (9943294)	<0.5	7.22	<1	153	1.6	2	7.12	<0.5	8	39.1	140	159	7.83	35	
D59807 (9943295)	<0.5	8.36	<1	224	1.3	2	7.16	<0.5	7	41.9	102	80.0	8.42	38	
D59808 (9943296)	<0.5	8.29	<1	315	1.4	3	7.04	<0.5	7	44.7	94.6	60.0	8.38	35	
D59809 (9943297)	<0.5	8.28	<1	415	1.4	<1	7.01	<0.5	8	46.6	87.3	165	8.41	32	
D59810 (9943298)	<0.5	8.07	<1	348	1.8	<1	6.41	<0.5	10	41.3	86.6	43.5	7.10	38	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019	DATE RECEIVED: Mar 05, 2019					DATE REPORTED: Mar 19, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D59739 (9943227)	<1	1.65	20	25	1.36	292	5.6	3.25	48.1	539	<20	<50	0.04	<1	
D59740 (9943228)	<1	3.33	23	18	0.68	158	5.5	3.04	20.8	587	<20	<50	0.06	<1	
D59741 (9943229)	<1	1.80	25	31	1.77	388	6.3	3.22	73.6	800	<20	<50	0.08	<1	
D59742 (9943230)	<1	3.28	21	14	0.29	85	8.5	2.45	4.9	196	<20	<50	0.03	<1	
D59743 (9943231)	<1	5.63	19	10	0.31	81	6.6	2.09	3.3	155	<20	<50	0.03	<1	
D59744 (9943232)	<1	5.40	8	4	0.18	66	8.0	1.92	3.1	131	<20	<50	0.01	<1	
D59745 (9943233)	1	5.25	9	3	0.15	68	7.8	2.47	2.7	84	<20	<50	0.02	<1	
D59746 (9943234)	<1	0.46	9	10	4.29	1350	<0.5	2.44	102	821	<20	<50	0.09	2	
D59747 (9943235)	<1	3.87	39	11	0.41	143	13.1	2.96	10.1	346	<20	<50	0.09	2	
D59748 (9943236)	<1	4.62	92	9	0.22	195	9.1	2.53	4.6	227	<20	<50	0.11	1	
D59749 (9943237)	<1	0.90	14	16	0.42	167	10.2	2.92	13.8	356	<20	<50	0.27	<1	
D59750 (9943238)	<1	6.37	15	13	0.22	115	8.4	1.86	7.1	257	<20	<50	0.15	<1	
D59751 (9943239)	<1	1.04	16	15	0.45	281	21.1	3.27	24.4	341	<20	<50	0.45	<1	
D59752 (9943240)	<1	0.01	3	<1	2.05	50	1.0	0.04	0.7	75	<20	<50	<0.01	<1	
D59753 (9943241)	<1	1.04	20	15	0.60	393	9.7	3.18	39.9	513	<20	<50	0.58	<1	
D59754 (9943242)	<1	1.16	22	20	0.89	520	16.7	3.24	46.2	564	<20	<50	0.54	<1	
D59755 (9943243)	<1	4.90	50	4	0.13	458	10.5	1.97	5.3	186	<20	<50	0.07	<1	
D59756 (9943244)	<1	1.51	247	8	0.19	1270	16.9	2.14	9.7	213	<20	<50	0.11	<1	
D59757 (9943245)	<1	0.79	6	18	1.84	1180	14.3	2.98	103	286	<20	<50	0.41	<1	
D59758 (9943246)	<1	0.79	7	18	1.87	1210	13.5	3.02	110	299	<20	<50	0.44	2	
D59759 (9943247)	<1	0.82	5	10	1.71	1160	13.1	2.91	109	262	<20	<50	0.31	<1	
D59760 (9943248)	<1	1.17	6	10	1.61	1060	13.1	2.89	109	265	<20	<50	0.46	<1	
D59761 (9943249)	<1	0.57	3	12	1.62	1170	23.0	2.87	131	235	<20	<50	0.55	<1	
D59762 (9943250)	<1	0.86	3	10	1.91	1390	22.3	2.76	145	257	<20	<50	0.44	<1	
D59763 (9943251)	<1	0.92	3	10	1.84	1310	22.6	2.97	165	251	<20	<50	0.38	<1	
D59764 (9943252)	<1	1.01	5	18	2.77	1960	20.5	2.40	109	258	<20	<50	0.19	<1	
D59765 (9943253)	<1	7.56	4	9	0.15	88	5.8	2.00	4.1	102	21	<50	0.01	<1	
D59766 (9943254)	<1	0.45	9	10	4.19	1320	<0.5	2.33	105	870	<20	<50	0.08	<1	
D59767 (9943255)	<1	3.38	38	29	0.58	240	7.7	2.49	8.0	59	<20	<50	0.01	<1	
D59768 (9943256)	<1	5.74	21	12	0.18	250	5.6	2.52	3.3	33	<20	<50	0.02	<1	
D59769 (9943257)	<1	4.91	4	4	0.10	154	7.7	2.16	2.4	24	<20	<50	0.01	<1	
D59770 (9943258)	<1	3.55	101	4	0.14	173	9.7	2.43	3.7	29	<20	<50	0.01	<1	

Certified By:





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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019	DATE RECEIVED: Mar 05, 2019					DATE REPORTED: Mar 19, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D59771 (9943259)	<1	4.27	15	5	0.21	245	7.1	2.40	5.8	89	<20	<50	0.05	<1	
D59772 (9943260)	<1	0.02	3	1	2.46	62	0.7	0.04	0.8	75	<20	<50	<0.01	<1	
D59773 (9943261)	<1	1.03	16	17	1.98	1370	6.4	2.49	17.6	581	<20	<50	0.19	2	
D59774 (9943262)	<1	5.27	15	5	0.12	164	8.1	2.15	2.6	53	<20	<50	0.04	<1	
D59775 (9943263)	<1	5.64	5	3	0.10	146	6.8	2.17	2.9	37	<20	<50	0.02	2	
D59776 (9943264)	<1	2.87	42	51	1.33	625	6.6	3.13	41.3	666	<20	<50	0.05	<1	
D59777 (9943265)	<1	2.33	83	25	9.26	1860	<0.5	1.25	448	2490	29	<50	0.14	<1	
D59778 (9943266)	<1	2.47	81	27	9.73	1960	<0.5	1.33	446	3180	31	<50	0.16	2	
D59779 (9943267)	<1	2.26	92	37	7.40	1790	9.9	1.74	317	3360	30	<50	0.18	<1	
D59780 (9943268)	<1	1.25	23	54	1.50	555	6.4	3.50	37.9	646	<20	<50	0.37	<1	
D59781 (9943269)	<1	1.29	11	30	2.19	1070	3.7	2.87	78.4	458	<20	<50	0.33	1	
D59782 (9943270)	<1	1.17	9	28	2.84	1670	3.4	2.76	76.6	433	<20	<50	0.69	<1	
D59783 (9943271)	<1	0.77	12	17	2.02	1200	3.6	2.81	37.5	574	<20	<50	0.09	<1	
D59784 (9943272)	<1	1.79	4	21	3.15	1780	2.8	2.39	65.6	386	<20	<50	0.07	<1	
D59785 (9943273)	<1	0.87	3	19	3.84	2260	<0.5	2.22	77.9	270	<20	<50	0.18	<1	
D59786 (9943274)	<1	0.45	9	10	4.25	1340	<0.5	2.39	105	893	<20	<50	0.08	<1	
D59787 (9943275)	<1	0.83	4	15	3.59	2250	0.9	2.19	81.7	305	<20	<50	0.11	<1	
D59788 (9943276)	<1	1.30	<2	9	0.56	684	6.4	3.19	14.0	60	<20	<50	0.08	<1	
D59789 (9943277)	1	5.43	3	3	0.20	275	5.5	2.29	2.9	37	<20	<50	0.02	<1	
D59790 (9943278)	<1	4.67	2	5	0.13	122	7.1	2.53	3.7	36	<20	<50	0.03	<1	
D59791 (9943279)	<1	1.02	5	19	2.64	1690	1.9	3.15	55.1	607	<20	<50	0.02	<1	
D59792 (9943280)	<1	0.02	3	1	2.56	66	0.7	0.05	1.2	84	<20	<50	<0.01	<1	
D59793 (9943281)	<1	6.15	4	10	0.10	94	6.8	2.25	2.1	34	20	<50	0.01	<1	
D59794 (9943282)	<1	4.62	3	5	0.12	139	7.0	2.51	3.0	36	<20	<50	<0.01	<1	
D59795 (9943283)	2	5.04	3	3	0.09	131	7.3	2.36	2.2	38	<20	<50	<0.01	<1	
D59796 (9943284)	<1	4.46	3	2	0.07	293	6.8	2.58	1.8	36	<20	<50	<0.01	<1	
D59797 (9943285)	<1	6.06	2	2	0.10	249	7.6	2.15	2.7	35	<20	<50	0.01	<1	
D59798 (9943286)	<1	5.66	2	2	0.10	289	7.9	1.99	2.7	32	<20	<50	<0.01	<1	
D59799 (9943287)	<1	6.38	2	4	0.08	141	7.2	1.85	2.3	32	<20	<50	0.02	<1	
D59800 (9943288)	<1	4.78	2	11	0.75	589	4.9	2.47	18.6	91	<20	<50	0.06	<1	
D59801 (9943289)	<1	0.80	4	19	3.76	2090	1.3	2.33	72.0	285	<20	<50	0.04	3	
D59802 (9943290)	<1	1.88	41	46	7.61	1670	1.0	0.67	440	1950	27	<50	0.18	<1	

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AGAT WORK ORDER: 19T443397

PROJECT: AGAT00547

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019	DATE RECEIVED: Mar 05, 2019		DATE REPORTED: Mar 19, 2019		SAMPLE TYPE: Drill Core										
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D59803 (9943291)	<1	0.93	4	18	3.42	2150	1.4	2.47	63.3	270	<20	<50	0.06	<1	
D59804 (9943292)	<1	0.42	4	12	3.50	2280	2.1	2.24	78.5	313	<20	<50	0.13	<1	
D59805 (9943293)	<1	0.51	4	12	3.09	2340	2.1	2.15	77.6	272	<20	<50	0.12	<1	
D59806 (9943294)	<1	0.22	4	12	4.26	1390	<0.5	2.43	82.9	395	<20	<50	0.15	<1	
D59807 (9943295)	<1	0.58	3	12	3.57	2150	0.6	2.27	73.6	280	<20	<50	0.06	<1	
D59808 (9943296)	<1	0.88	4	15	3.34	2100	0.6	2.35	78.6	273	<20	<50	0.05	2	
D59809 (9943297)	<1	0.93	4	12	3.37	2070	<0.5	2.46	77.8	265	<20	<50	0.13	2	
D59810 (9943298)	<1	0.82	5	12	3.37	1490	0.9	2.66	73.3	306	<20	<50	0.03	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T443397

PROJECT: AGAT00547

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019	DATE RECEIVED: Mar 05, 2019					DATE REPORTED: Mar 19, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D59739 (9943227)	6	<10	<5	568	<10	<10	<5	0.18	<5	<50	48.4	<1	5	83.8	
D59740 (9943228)	3	<10	<5	398	<10	<10	<5	0.12	<5	<50	21.5	<1	5	61.9	
D59741 (9943229)	6	<10	<5	476	<10	<10	<5	0.22	<5	<50	42.3	<1	8	118	
D59742 (9943230)	1	<10	<5	272	<10	<10	<5	0.08	<5	<50	7.4	<1	2	34.0	
D59743 (9943231)	1	<10	<5	303	<10	<10	<5	0.09	<5	<50	8.9	<1	2	33.5	
D59744 (9943232)	<1	<10	<5	290	<10	<10	<5	0.05	<5	<50	5.2	<1	1	19.9	
D59745 (9943233)	<1	<10	<5	341	<10	<10	<5	0.05	<5	<50	4.6	<1	1	20.2	
D59746 (9943234)	33	<10	<5	259	<10	17	<5	0.89	<5	<50	227	<1	21	87.2	
D59747 (9943235)	2	<10	<5	309	<10	<10	6	0.11	<5	<50	16.3	<1	4	34.4	
D59748 (9943236)	2	<10	<5	331	<10	<10	28	0.09	<5	<50	8.9	<1	5	33.3	
D59749 (9943237)	4	<10	<5	276	<10	<10	<5	0.15	<5	<50	26.9	<1	5	93.3	
D59750 (9943238)	1	<10	<5	349	<10	<10	<5	0.10	<5	<50	9.5	<1	2	68.4	
D59751 (9943239)	5	<10	<5	339	<10	<10	<5	0.17	<5	<50	30.3	<1	7	208	
D59752 (9943240)	<1	<10	<5	73	<10	<10	<5	<0.01	<5	<50	0.9	<1	2	4.1	
D59753 (9943241)	9	<10	<5	357	<10	<10	<5	0.25	<5	<50	55.7	1	11	280	
D59754 (9943242)	9	<10	<5	314	<10	11	<5	0.28	<5	<50	59.8	<1	10	280	
D59755 (9943243)	3	<10	<5	273	<10	<10	25	0.05	<5	<50	6.4	<1	13	20.8	
D59756 (9943244)	7	<10	<5	226	<10	<10	110	0.04	<5	<50	9.2	<1	44	23.1	
D59757 (9943245)	34	<10	14	343	<10	13	<5	0.51	<5	<50	209	<1	17	128	
D59758 (9943246)	35	<10	18	350	<10	14	<5	0.52	<5	<50	220	<1	17	129	
D59759 (9943247)	32	<10	12	286	<10	13	<5	0.49	<5	<50	206	<1	16	92.9	
D59760 (9943248)	31	<10	7	249	<10	15	<5	0.45	<5	<50	200	11	16	88.2	
D59761 (9943249)	39	<10	7	184	<10	11	<5	0.54	<5	<50	250	1	18	99.3	
D59762 (9943250)	41	<10	8	169	<10	16	<5	0.59	<5	<50	269	114	19	102	
D59763 (9943251)	46	<10	15	167	<10	15	<5	0.61	<5	<50	294	5	21	105	
D59764 (9943252)	41	<10	11	124	<10	16	<5	0.56	<5	<50	258	24	20	130	
D59765 (9943253)	1	<10	<5	321	<10	<10	<5	0.05	<5	<50	6.1	<1	2	19.4	
D59766 (9943254)	33	<10	<5	249	<10	14	<5	0.85	<5	<50	234	<1	21	86.9	
D59767 (9943255)	4	<10	<5	242	<10	<10	<5	0.23	<5	<50	26.1	<1	2	81.3	
D59768 (9943256)	2	<10	<5	328	<10	<10	6	0.07	<5	<50	6.6	<1	5	27.4	
D59769 (9943257)	1	<10	<5	274	<10	<10	<5	0.04	<5	<50	4.1	<1	3	17.1	
D59770 (9943258)	2	<10	<5	251	<10	<10	39	0.06	<5	<50	5.9	<1	6	33.2	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T443397

PROJECT: AGAT00547

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019	DATE RECEIVED: Mar 05, 2019					DATE REPORTED: Mar 19, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D59771 (9943259)	2	<10	<5	253	<10	<10	<5	0.07	<5	<50	9.3	<1	5	38.0	
D59772 (9943260)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	3.5	
D59773 (9943261)	8	<10	<5	140	<10	<10	<5	0.22	<5	<50	44.4	<1	13	180	
D59774 (9943262)	1	<10	<5	251	<10	<10	<5	0.04	<5	<50	4.6	<1	4	20.7	
D59775 (9943263)	<1	<10	<5	271	<10	<10	<5	0.04	<5	<50	4.0	<1	3	17.6	
D59776 (9943264)	5	<10	<5	334	<10	13	<5	0.25	<5	<50	36.1	<1	11	64.4	
D59777 (9943265)	18	<10	7	1320	<10	66	<5	1.81	<5	<50	253	<1	29	104	
D59778 (9943266)	18	<10	5	1420	<10	77	<5	2.20	<5	<50	245	<1	29	111	
D59779 (9943267)	19	<10	<5	1220	<10	65	<5	1.81	<5	<50	273	2	36	88.2	
D59780 (9943268)	8	<10	<5	187	<10	11	<5	0.33	<5	<50	48.3	<1	16	138	
D59781 (9943269)	22	<10	<5	146	<10	14	<5	0.39	<5	<50	136	<1	16	162	
D59782 (9943270)	20	<10	6	145	<10	14	<5	0.40	<5	<50	131	<1	15	193	
D59783 (9943271)	16	<10	<5	175	<10	13	<5	0.35	<5	<50	107	<1	15	193	
D59784 (9943272)	35	<10	<5	135	<10	17	<5	0.46	<5	<50	221	<1	20	84.6	
D59785 (9943273)	44	<10	6	130	<10	18	<5	0.57	<5	<50	277	<1	20	91.4	
D59786 (9943274)	33	<10	<5	257	<10	21	<5	0.89	<5	<50	232	<1	21	86.3	
D59787 (9943275)	44	<10	<5	151	<10	19	<5	0.57	<5	<50	281	<1	21	88.8	
D59788 (9943276)	7	<10	<5	333	<10	<10	<5	0.08	<5	<50	33.2	<1	13	29.3	
D59789 (9943277)	<1	<10	<5	337	<10	<10	<5	0.02	<5	<50	3.4	<1	2	7.7	
D59790 (9943278)	<1	<10	<5	349	<10	<10	<5	0.04	<5	<50	4.9	<1	2	16.6	
D59791 (9943279)	35	<10	8	273	<10	<10	<5	0.48	<5	<50	224	<1	20	79.0	
D59792 (9943280)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	3.1	
D59793 (9943281)	<1	<10	<5	314	<10	<10	<5	0.03	<5	<50	3.4	<1	2	15.8	
D59794 (9943282)	<1	<10	<5	300	<10	<10	<5	0.04	<5	<50	4.1	<1	2	18.8	
D59795 (9943283)	<1	<10	<5	302	<10	<10	<5	0.02	<5	<50	2.6	<1	2	7.8	
D59796 (9943284)	1	<10	<5	309	<10	<10	<5	0.02	<5	<50	1.8	<1	6	8.8	
D59797 (9943285)	1	<10	<5	330	<10	<10	<5	0.03	<5	<50	2.8	<1	5	12.5	
D59798 (9943286)	1	<10	<5	308	<10	<10	<5	0.02	<5	<50	2.8	<1	5	12.0	
D59799 (9943287)	<1	<10	<5	289	<10	<10	<5	0.03	<5	<50	3.5	<1	3	12.1	
D59800 (9943288)	9	<10	<5	270	<10	<10	<5	0.12	<5	<50	56.2	<1	8	51.5	
D59801 (9943289)	46	<10	<5	128	<10	21	<5	0.60	<5	<50	297	<1	20	96.5	
D59802 (9943290)	20	<10	<5	519	<10	89	<5	2.56	<5	<50	301	<1	22	96.7	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T443397

PROJECT: AGAT00547

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019	DATE RECEIVED: Mar 05, 2019					DATE REPORTED: Mar 19, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D59803 (9943291)	42	<10	5	144	<10	16	<5	0.58	<5	<50	270	<1	19	91.0	
D59804 (9943292)	43	<10	<5	138	<10	21	<5	0.58	<5	<50	275	<1	20	87.8	
D59805 (9943293)	45	<10	5	144	<10	16	<5	0.59	<5	<50	288	<1	21	78.8	
D59806 (9943294)	44	<10	<5	120	<10	16	<5	0.68	<5	<50	301	<1	22	79.5	
D59807 (9943295)	44	<10	<5	161	<10	17	<5	0.60	<5	<50	285	<1	20	88.6	
D59808 (9943296)	45	<10	<5	208	<10	18	<5	0.59	<5	<50	298	<1	20	92.1	
D59809 (9943297)	44	<10	<5	232	<10	20	<5	0.59	<5	<50	279	<1	21	88.5	
D59810 (9943298)	42	<10	6	278	<10	22	<5	0.55	<5	<50	271	<1	19	87.2	

Certified By:

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PROJECT: AGAT00547

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019

DATE RECEIVED: Mar 05, 2019

DATE REPORTED: Mar 19, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D59739 (9943227)			81
D59740 (9943228)			47
D59741 (9943229)			103
D59742 (9943230)			6
D59743 (9943231)			12
D59744 (9943232)			18
D59745 (9943233)			12
D59746 (9943234)			89
D59747 (9943235)			51
D59748 (9943236)			114
D59749 (9943237)			108
D59750 (9943238)			56
D59751 (9943239)			106
D59752 (9943240)			<5
D59753 (9943241)			124
D59754 (9943242)			117
D59755 (9943243)			331
D59756 (9943244)			775
D59757 (9943245)			22
D59758 (9943246)			23
D59759 (9943247)			16
D59760 (9943248)			16
D59761 (9943249)			14
D59762 (9943250)			12
D59763 (9943251)			14
D59764 (9943252)			38
D59765 (9943253)			21
D59766 (9943254)			90
D59767 (9943255)			87
D59768 (9943256)			90
D59769 (9943257)			51
D59770 (9943258)			265

Certified By:





## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019      DATE RECEIVED: Mar 05, 2019      DATE REPORTED: Mar 19, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D59771 (9943259)				105
D59772 (9943260)				<5
D59773 (9943261)				115
D59774 (9943262)				77
D59775 (9943263)				60
D59776 (9943264)				211
D59777 (9943265)				31
D59778 (9943266)				87
D59779 (9943267)				62
D59780 (9943268)				222
D59781 (9943269)				101
D59782 (9943270)				68
D59783 (9943271)				72
D59784 (9943272)				28
D59785 (9943273)				16
D59786 (9943274)				91
D59787 (9943275)				19
D59788 (9943276)				365
D59789 (9943277)				66
D59790 (9943278)				69
D59791 (9943279)				22
D59792 (9943280)				<5
D59793 (9943281)				12
D59794 (9943282)				10
D59795 (9943283)				19
D59796 (9943284)				34
D59797 (9943285)				21
D59798 (9943286)				22
D59799 (9943287)				36
D59800 (9943288)				58
D59801 (9943289)				16
D59802 (9943290)				256

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# Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019

DATE RECEIVED: Mar 05, 2019

DATE REPORTED: Mar 19, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D59803 (9943291)	21
D59804 (9943292)	15
D59805 (9943293)	14
D59806 (9943294)	52
D59807 (9943295)	14
D59808 (9943296)	18
D59809 (9943297)	29
D59810 (9943298)	45

Comments: RDL - Reported Detection Limit

9943227-9943298 As, Sb values may be low due to digestion losses.

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## Certificate of Analysis

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PROJECT: AGAT00547

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 04, 2019      DATE RECEIVED: Mar 05, 2019      DATE REPORTED: Mar 19, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D59739 (9943227)			0.003
D59740 (9943228)			0.002
D59741 (9943229)			0.002
D59742 (9943230)			0.003
D59743 (9943231)			0.002
D59744 (9943232)			0.003
D59745 (9943233)			0.003
D59746 (9943234)			0.336
D59747 (9943235)			0.005
D59748 (9943236)			0.003
D59749 (9943237)			0.008
D59750 (9943238)			0.005
D59751 (9943239)			0.017
D59752 (9943240)			0.001
D59753 (9943241)			0.015
D59754 (9943242)			0.023
D59755 (9943243)			0.003
D59756 (9943244)			0.004
D59757 (9943245)			0.036
D59758 (9943246)			0.025
D59759 (9943247)			0.004
D59760 (9943248)			0.005
D59761 (9943249)			0.034
D59762 (9943250)			0.003
D59763 (9943251)			0.003
D59764 (9943252)			0.002
D59765 (9943253)			0.028
D59766 (9943254)			0.331
D59767 (9943255)			0.007
D59768 (9943256)			0.007
D59769 (9943257)			0.001
D59770 (9943258)			0.002

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## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 04, 2019      DATE RECEIVED: Mar 05, 2019      DATE REPORTED: Mar 19, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D59771 (9943259)		0.002	
D59772 (9943260)		<0.001	
D59773 (9943261)		0.010	
D59774 (9943262)		0.003	
D59775 (9943263)		0.002	
D59776 (9943264)		0.001	
D59777 (9943265)		0.001	
D59778 (9943266)		0.003	
D59779 (9943267)		0.002	
D59780 (9943268)		0.006	
D59781 (9943269)		0.008	
D59782 (9943270)		0.008	
D59783 (9943271)		0.003	
D59784 (9943272)		0.004	
D59785 (9943273)		0.005	
D59786 (9943274)		0.335	
D59787 (9943275)		0.007	
D59788 (9943276)		0.026	
D59789 (9943277)		0.003	
D59790 (9943278)		0.003	
D59791 (9943279)		0.007	
D59792 (9943280)		0.001	
D59793 (9943281)		0.001	
D59794 (9943282)		0.008	
D59795 (9943283)		0.001	
D59796 (9943284)		0.035	
D59797 (9943285)		0.001	
D59798 (9943286)		0.001	
D59799 (9943287)		0.001	
D59800 (9943288)		0.001	
D59801 (9943289)		0.002	
D59802 (9943290)		0.001	

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## Certificate of Analysis

AGAT WORK ORDER: 19T443397

PROJECT: AGAT00547

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 04, 2019      DATE RECEIVED: Mar 05, 2019      DATE REPORTED: Mar 19, 2019      SAMPLE TYPE: Drill Core

Analyte:	Unit:	RDL:
Au	ppm	0.001
Sample ID (AGAT ID)		
D59803 (9943291)		0.003
D59804 (9943292)		0.003
D59805 (9943293)		0.002
D59806 (9943294)		0.559
D59807 (9943295)		0.002
D59808 (9943296)		0.002
D59809 (9943297)		0.002
D59810 (9943298)		0.002

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T443397

PROJECT: AGAT00547

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 04, 2019

DATE RECEIVED: Mar 05, 2019

DATE REPORTED: Mar 19, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D59740 (9943228)		78
D59741 (9943229)		85
D59757 (9943245)		80
D59777 (9943265)		85
D59797 (9943285)		84

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	9943227	< 0.5	< 0.5	0.0%	9943241	< 0.5	< 0.5	0.0%	9943252	< 0.5	< 0.5	0.0%	9943266	< 0.5	< 0.5	0.0%
Al	9943227	7.70	8.02	4.1%	9943241	7.99	8.52	6.4%	9943252	8.51	8.33	2.1%	9943266	2.18	2.08	4.7%
As	9943227	6	6	0.0%	9943241	23	24	4.3%	9943252	< 1	< 1	0.0%	9943266	< 1	< 1	0.0%
Ba	9943227	738	769	4.1%	9943241	438	474	7.9%	9943252	154	153	0.7%	9943266	1040	971	6.9%
Be	9943227	2.4	2.4	0.0%	9943241	1.71	1.64	4.2%	9943252	7.5	7.3	2.7%	9943266	7.52	8.82	15.9%
Bi	9943227	< 1	< 1	0.0%	9943241	< 1	< 1	0.0%	9943252	< 1	< 1	0.0%	9943266	19	16	17.1%
Ca	9943227	1.77	1.84	3.9%	9943241	2.88	3.07	6.4%	9943252	6.99	7.06	1.0%	9943266	9.78	9.25	5.6%
Cd	9943227	< 0.5	< 0.5	0.0%	9943241	< 0.5	< 0.5	0.0%	9943252	< 0.5	< 0.5	0.0%	9943266	< 0.5	< 0.5	0.0%
Ce	9943227	44	45	2.2%	9943241	42	41	2.4%	9943252	10	11	9.5%	9943266	164	152	7.6%
Co	9943227	9.09	8.54	6.2%	9943241	13.9	12.8	8.2%	9943252	43.5	42.8	1.6%	9943266	53.0	51.5	2.9%
Cr	9943227	83.9	66.5	23.1%	9943241	76.2	65.2	15.6%	9943252	174	155	11.6%	9943266	444	405	9.2%
Cu	9943227	7.3	6.2	16.3%	9943241	131	135	3.0%	9943252	62.0	60.1	3.1%	9943266	129	124	4.0%
Fe	9943227	2.41	2.44	1.2%	9943241	2.41	2.57	6.4%	9943252	7.22	7.07	2.1%	9943266	10.1	9.47	6.4%
Ga	9943227	28	28	0.0%	9943241	26	22	16.7%	9943252	35	37	5.6%	9943266	40	39	2.5%
In	9943227	< 1	< 1	0.0%	9943241	< 1	< 1	0.0%	9943252	< 1	< 1	0.0%	9943266	< 1	< 1	0.0%
K	9943227	1.65	1.71	3.6%	9943241	1.04	1.11	6.5%	9943252	1.01	1.01	0.0%	9943266	2.47	2.37	4.1%
La	9943227	20	21	4.9%	9943241	20	18	10.5%	9943252	5	6	18.2%	9943266	81	74	9.0%
Li	9943227	25	26	3.9%	9943241	15	15	0.0%	9943252	18	18	0.0%	9943266	27	26	3.8%
Mg	9943227	1.36	1.40	2.9%	9943241	0.60	0.62	3.3%	9943252	2.77	2.73	1.5%	9943266	9.73	9.30	4.5%
Mn	9943227	292	290	0.7%	9943241	393	419	6.4%	9943252	1960	1920	2.1%	9943266	1960	1870	4.7%
Mo	9943227	5.58	5.66	1.4%	9943241	9.69	8.80	9.6%	9943252	20.5	22.1	7.5%	9943266	< 0.5	< 0.5	0.0%
Na	9943227	3.25	3.40	4.5%	9943241	3.18	3.28	3.1%	9943252	2.40	2.41	0.4%	9943266	1.33	1.26	5.4%
Ni	9943227	48.1	42.9	11.4%	9943241	39.9	36.1	10.0%	9943252	109	108	0.9%	9943266	446	414	7.4%
P	9943227	539	533	1.1%	9943241	513	473	8.1%	9943252	258	240	7.2%	9943266	3180	3720	15.7%
Pb	9943227	< 20	< 20	0.0%	9943241	< 20	< 20	0.0%	9943252	< 20	< 20	0.0%	9943266	31	24	25.5%
Rb	9943227	< 50	< 50	0.0%	9943241	< 50	< 50	0.0%	9943252	< 50	< 50	0.0%	9943266	< 50	< 50	0.0%
S	9943227	0.04	0.04	0.0%	9943241	0.58	0.59	1.7%	9943252	0.187	0.170	9.5%	9943266	0.16	0.16	0.0%
Sb	9943227	< 1	< 1	0.0%	9943241	< 1	< 1	0.0%	9943252	< 1	< 1	0.0%	9943266	2	2	0.0%
Sc	9943227	6	6	0.0%	9943241	9	9	0.0%	9943252	41	40	2.5%	9943266	18	17	5.7%
Se	9943227	< 10	< 10	0.0%	9943241	< 10	< 10	0.0%	9943252	< 10	< 10	0.0%	9943266	< 10	< 10	0.0%
Sn	9943227	< 5	< 5	0.0%	9943241	< 5	< 5	0.0%	9943252	11	11	0.0%	9943266	5	6	18.2%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	9943227	568	590	3.8%	9943241	357	368	3.0%	9943252	124	125	0.8%	9943266	1420	1330	6.5%
Ta	9943227	< 10	< 10	0.0%	9943241	< 10	< 10	0.0%	9943252	< 10	< 10	0.0%	9943266	< 10	< 10	0.0%
Te	9943227	< 10	< 10	0.0%	9943241	< 10	< 10	0.0%	9943252	16	14	13.3%	9943266	77	83	7.5%
Th	9943227	< 5	< 5	0.0%	9943241	< 5	< 5	0.0%	9943252	< 5	< 5	0.0%	9943266	< 5	< 5	0.0%
Ti	9943227	0.184	0.188	2.2%	9943241	0.25	0.26	3.9%	9943252	0.558	0.551	1.3%	9943266	2.20	2.25	2.2%
Tl	9943227	< 5	< 5	0.0%	9943241	< 5	< 5	0.0%	9943252	< 5	< 5	0.0%	9943266	< 5	< 5	0.0%
U	9943227	< 50	< 50	0.0%	9943241	< 50	< 50	0.0%	9943252	< 50	< 50	0.0%	9943266	< 50	< 50	0.0%
V	9943227	48.4	46.3	4.4%	9943241	55.7	51.3	8.2%	9943252	258	251	2.8%	9943266	245	234	4.6%
W	9943227	< 1	< 1	0.0%	9943241	1	< 1		9943252	24	20	18.2%	9943266	< 1	< 1	0.0%
Y	9943227	5	5	0.0%	9943241	11	11	0.0%	9943252	20	20	0.0%	9943266	29	28	3.5%
Zn	9943227	83.8	82.6	1.4%	9943241	280	286	2.1%	9943252	130	132	1.5%	9943266	111	102	8.5%
Zr	9943227	81	83	2.4%	9943241	124	117	5.8%	9943252	38	30	23.5%	9943266	87	79	9.6%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	9943277	< 0.5	< 0.5	0.0%	9943291	< 0.5	< 0.5	0.0%								
Al	9943277	6.86	7.29	6.1%	9943291	8.31	8.03	3.4%								
As	9943277	< 1	< 1	0.0%	9943291	< 1	< 1	0.0%								
Ba	9943277	2510	2570	2.4%	9943291	206	200	3.0%								
Be	9943277	< 0.5	< 0.5	0.0%	9943291	1.77	1.95	9.7%								
Bi	9943277	< 1	< 1	0.0%	9943291	2	< 1									
Ca	9943277	1.47	1.52	3.3%	9943291	6.92	6.77	2.2%								
Cd	9943277	< 0.5	< 0.5	0.0%	9943291	< 0.5	< 0.5	0.0%								
Ce	9943277	5	4	22.2%	9943291	9	9	0.0%								
Co	9943277	< 0.5	< 0.5	0.0%	9943291	38.3	39.9	4.1%								
Cr	9943277	31.1	31.5	1.3%	9943291	92.8	98.2	5.7%								
Cu	9943277	5.1	5.1	0.0%	9943291	67.4	65.2	3.3%								
Fe	9943277	0.514	0.561	8.7%	9943291	8.05	7.85	2.5%								
Ga	9943277	12	12	0.0%	9943291	36	37	2.7%								
In	9943277	1	< 1		9943291	< 1	< 1	0.0%								
K	9943277	5.43	5.56	2.4%	9943291	0.926	0.897	3.2%								
La	9943277	3	3	0.0%	9943291	4	4	0.0%								
Li	9943277	3	3	0.0%	9943291	18	17	5.7%								
Mg	9943277	0.20	0.20	0.0%	9943291	3.42	3.31	3.3%								
Mn	9943277	275	275	0.0%	9943291	2150	2090	2.8%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	9943277	5.5	5.4	1.8%	9943291	1.4	1.7	19.4%								
Na	9943277	2.29	2.33	1.7%	9943291	2.47	2.39	3.3%								
Ni	9943277	2.88	2.82	2.1%	9943291	63.3	67.2	6.0%								
P	9943277	37	33	11.4%	9943291	270	283	4.7%								
Pb	9943277	< 20	< 20	0.0%	9943291	< 20	< 20	0.0%								
Rb	9943277	< 50	< 50	0.0%	9943291	< 50	< 50	0.0%								
S	9943277	0.02	0.02	0.0%	9943291	0.06	0.06	0.0%								
Sb	9943277	< 1	2		9943291	< 1	1									
Sc	9943277	< 1	< 1	0.0%	9943291	42	44	4.7%								
Se	9943277	< 10	< 10	0.0%	9943291	< 10	< 10	0.0%								
Sn	9943277	< 5	< 5	0.0%	9943291	5	5	0.0%								
Sr	9943277	337	341	1.2%	9943291	144	139	3.5%								
Ta	9943277	< 10	< 10	0.0%	9943291	< 10	< 10	0.0%								
Te	9943277	< 10	< 10	0.0%	9943291	16	18	11.8%								
Th	9943277	< 5	< 5	0.0%	9943291	< 5	< 5	0.0%								
Ti	9943277	0.02	0.02	0.0%	9943291	0.58	0.57	1.7%								
Tl	9943277	< 5	< 5	0.0%	9943291	< 5	< 5	0.0%								
U	9943277	< 50	< 50	0.0%	9943291	< 50	< 50	0.0%								
V	9943277	3.43	2.64	26.0%	9943291	270	287	6.1%								
W	9943277	< 1	< 1	0.0%	9943291	< 1	< 1	0.0%								
Y	9943277	2	2	0.0%	9943291	19	20	5.1%								
Zn	9943277	7.7	8.2	6.3%	9943291	91.0	90.5	0.6%								
Zr	9943277	66	74	11.4%	9943291	21	21	0.0%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	9943227	0.003	0.003	0.0%	9943241	0.015	0.016	6.5%	9943252	0.002	0.004		9943266	0.003	0.001	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	9943277	0.0031	0.0024	25.5%	9943291	0.003	0.003	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.77	98%	90% - 110%	8.17	8.18	100%	90% - 110%	6.96	6.82	98%	90% - 110%	10.95	10.64	97%	90% - 110%
As					26	25	95%	90% - 110%	124	125	101%	90% - 110%				
Ba	340	342	101%	90% - 110%	540	535	99%	90% - 110%	186	191	103%	90% - 110%	340	331	97%	90% - 110%
Be	2.6	2.7	102%	90% - 110%	4.0	4.2	105%	90% - 110%					2.6	2.8	107%	90% - 110%
Ca	5.72	5.56	97%	90% - 110%	0.907	0.869	96%	90% - 110%	4.01	3.8	95%	90% - 110%	5.72	5.35	94%	90% - 110%
Ce	122	116	95%	90% - 110%	98	103	105%	90% - 110%	24	23	94%	90% - 110%	122	124	102%	90% - 110%
Co									22.1	21.1	95%	90% - 110%				
Cr					60.3	57.2	95%	90% - 110%								
Cu					150	151	101%	90% - 110%	88.6	82.7	93%	90% - 110%	7	5	70%	90% - 110%
Fe	4.34	3.96	91%	90% - 110%	3.77	3.59	95%	90% - 110%	7.56	7.15	95%	90% - 110%	4.34	3.97	91%	90% - 110%
Ga	35	36	102%	90% - 110%									35	38	110%	90% - 110%
K	1.37	1.45	106%	90% - 110%					2.021	2.102	104%	90% - 110%	1.37	1.45	106%	90% - 110%
La	58	53	91%	90% - 110%	44	43	97%	90% - 110%					58	55	95%	90% - 110%
Li	37	39	105%	90% - 110%	47	48	101%	90% - 110%					37	38	103%	90% - 110%
Mg	0.325	0.302	93%	90% - 110%	1.10	1.06	96%	90% - 110%	2.412	2.361	98%	90% - 110%	0.325	0.295	91%	90% - 110%
Mn					780	748	96%	90% - 110%	1510	1445	96%	90% - 110%				
Mo					14	13	96%	90% - 110%								
Na	5.267	5.62	107%	90% - 110%	1.624	1.733	107%	90% - 110%	0.617	0.619	100%	90% - 110%	5.267	5.33	101%	90% - 110%
Ni					32	30	94%	90% - 110%	77.1	69.5	90%	90% - 110%	9	7	75%	90% - 110%
P					750	717	96%	90% - 110%	892	885	99%	90% - 110%				
Pb					31	29	93%	90% - 110%					10	8	75%	90% - 110%
S									0.348	0.317	91%	90% - 110%				
Sc					12	12	98%	90% - 110%								
Sr	1191	1232	103%	90% - 110%	144	154	107%	90% - 110%	92.8	88.7	96%	90% - 110%	1191	1183	99%	90% - 110%
Ti	0.172	0.166	97%	90% - 110%	0.53	0.48	90%	90% - 110%					0.172	0.165	96%	90% - 110%
V					77	75	97%	90% - 110%					8	6	71%	90% - 110%
Y	119	113	95%	90% - 110%									119	122	103%	90% - 110%
Zn	93	89	96%	90% - 110%	130	117	90%	90% - 110%	208	195	94%	90% - 110%	93	85	92%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS6E)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS5W)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits





**AGAT** Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 19T443397

PROJECT: AGAT00547

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Au	6.06	6.29	104%	90% - 110%	0.725	0.765	106%	90% - 110%	5.27	5.35	102%	90% - 110%	0.562	0.59	105%	90% - 110%
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## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00547  
 SAMPLING SITE:

AGAT WORK ORDER: 19T443397  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00548

AGAT WORK ORDER: 19T443411

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Mar 21, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

# Certificate of Analysis

AGAT WORK ORDER: 19T443411

PROJECT: AGAT00548

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (200-) Sample Login Weight

DATE SAMPLED: Mar 04, 2019

DATE RECEIVED: Mar 05, 2019

DATE REPORTED: Mar 21, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg
D59811 (9943398)		2.52
D59812 (9943399)		1.04
D59813 (9943400)		2.55
D59814 (9943401)		1.94
D59815 (9943402)		2.56
D59816 (9943403)		2.18
D59817 (9943404)		2.58
D59818 (9943405)		2.58
D59819 (9943406)		2.23
D59820 (9943407)		1.54
D59821 (9943408)		1.19
D59822 (9943409)		2.20
D59823 (9943410)		2.90
D59824 (9943411)		1.89
D59825 (9943412)		1.45
D59826 (9943413)		0.0700
D59827 (9943414)		2.06
D59828 (9943415)		1.87
D59829 (9943416)		1.52
D59830 (9943417)		2.10
D59831 (9943418)		2.31
D59832 (9943419)		0.790
D59833 (9943420)		1.67
D59834 (9943421)		1.39
D59835 (9943422)		1.96
D59836 (9943423)		1.98
D59837 (9943424)		1.52
D59838 (9943425)		1.52
D59839 (9943426)		1.47
D59840 (9943427)		2.63
D59841 (9943428)		1.96

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T443411

PROJECT: AGAT00548

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (200-) Sample Login Weight

DATE SAMPLED: Mar 04, 2019      DATE RECEIVED: Mar 05, 2019      DATE REPORTED: Mar 21, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg
D59842 (9943429)		2.07
D59843 (9943430)		1.99
D59844 (9943431)		1.87
D59845 (9943432)		2.42
D59846 (9943433)		0.0700
D59847 (9943434)		2.13
D59848 (9943435)		2.07
D59849 (9943436)		1.74
D59850 (9943437)		2.58
D59851 (9943438)		2.30
D59852 (9943439)		0.640
D59853 (9943440)		2.48
D59854 (9943441)		0.640
D59855 (9943442)		1.09
D59856 (9943443)		2.14
D59857 (9943444)		1.71
D59858 (9943445)		1.71
D59859 (9943446)		2.11
D59860 (9943447)		2.40
D59861 (9943448)		2.29
D59862 (9943449)		2.67
D59863 (9943450)		2.41
D59864 (9943451)		2.65
D59865 (9943452)		2.76
D59866 (9943453)		0.0700
D59867 (9943454)		2.24
D59868 (9943455)		1.10
D59869 (9943456)		0.900
D59870 (9943457)		3.71
D59871 (9943458)		3.61
D59872 (9943459)		1.41

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T443411

PROJECT: AGAT00548

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 04, 2019      DATE RECEIVED: Mar 05, 2019      DATE REPORTED: Mar 21, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	
D59873 (9943460)		3.39
D59874 (9943461)		3.55
D59875 (9943462)		3.77
D59876 (9943463)		1.53
D59877 (9943464)		1.17
D59878 (9943465)		1.17
D59879 (9943466)		2.54
D59880 (9943467)		2.07
D59881 (9943468)		3.48
D59882 (9943469)		1.75

Comments: RDL - Reported Detection Limit

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T443411

PROJECT: AGAT00548

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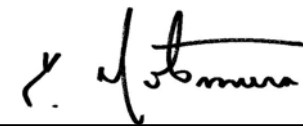
CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019	DATE RECEIVED: Mar 05, 2019							DATE REPORTED: Mar 21, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D59811 (9943398)	<0.5	7.42	4	431	3.3	1	4.51	<0.5	62	25.1	142	42.4	6.84	36	
D59812 (9943399)	<0.5	0.06	3	16	<0.5	<1	34.2	<0.5	<1	1.2	1.7	<0.5	0.12	12	
D59813 (9943400)	<0.5	7.94	2	299	2.6	<1	6.75	<0.5	34	37.7	142	102	7.90	38	
D59814 (9943401)	<0.5	7.65	<1	376	2.4	<1	6.21	<0.5	11	40.5	119	59.4	7.21	38	
D59815 (9943402)	<0.5	7.16	<1	327	3.1	<1	6.93	<0.5	42	33.5	149	58.8	8.18	39	
D59816 (9943403)	<0.5	7.85	<1	483	3.2	<1	6.55	<0.5	28	40.8	170	98.5	5.93	31	
D59817 (9943404)	<0.5	8.48	7	306	3.7	<1	6.40	<0.5	18	45.2	230	106	5.11	33	
D59818 (9943405)	<0.5	8.56	<1	311	3.6	<1	6.54	<0.5	18	43.2	230	106	5.14	33	
D59819 (9943406)	<0.5	8.07	<1	290	2.3	<1	7.22	<0.5	7	43.2	112	128	8.06	36	
D59820 (9943407)	<0.5	7.54	<1	755	2.1	<1	7.93	<0.5	6	40.2	97.7	96.2	8.93	33	
D59821 (9943408)	<0.5	7.70	<1	567	2.9	<1	3.41	<0.5	152	23.1	70.6	133	6.37	37	
D59822 (9943409)	<0.5	7.60	<1	360	2.7	<1	7.27	<0.5	8	40.1	105	153	9.07	38	
D59823 (9943410)	<0.5	7.61	<1	345	2.3	<1	7.40	<0.5	6	44.3	107	175	10.6	38	
D59824 (9943411)	<0.5	7.70	<1	310	2.4	<1	7.03	<0.5	13	39.5	95.6	131	10.6	40	
D59825 (9943412)	<0.5	7.73	<1	693	5.8	<1	3.10	<0.5	28	9.5	45.7	23.5	5.15	33	
D59826 (9943413)	<0.5	7.50	<1	191	2.5	<1	6.47	<0.5	20	35.6	193	110	7.83	34	
D59827 (9943414)	<0.5	7.06	<1	512	4.7	<1	5.90	<0.5	26	31.3	85.3	50.1	8.42	35	
D59828 (9943415)	<0.5	6.28	1	1810	1.2	<1	1.38	<0.5	9	1.5	11.2	32.4	1.28	16	
D59829 (9943416)	0.7	2.17	1	491	0.7	<1	0.68	<0.5	6	1.5	18.7	37.4	0.74	6	
D59830 (9943417)	<0.5	7.57	<1	2690	1.0	<1	1.32	<0.5	6	<0.5	11.4	20.2	1.06	14	
D59831 (9943418)	<0.5	7.03	1	2020	4.7	<1	1.92	<0.5	13	4.3	27.1	13.1	1.41	20	
D59832 (9943419)	<0.5	0.08	<1	16	<0.5	<1	32.4	<0.5	<1	0.8	2.1	<0.5	0.12	13	
D59833 (9943420)	<0.5	7.20	2	3570	1.2	<1	0.72	<0.5	4	<0.5	12.7	31.1	0.60	15	
D59834 (9943421)	<0.5	7.20	<1	2440	0.9	<1	1.33	<0.5	7	<0.5	7.5	7.2	0.77	14	
D59835 (9943422)	<0.5	7.40	4	2460	3.1	<1	2.21	<0.5	61	2.7	41.0	10.5	1.39	25	
D59836 (9943423)	<0.5	2.14	<1	884	9.3	<1	9.54	<0.5	247	42.9	558	73.8	7.61	41	
D59837 (9943424)	<0.5	7.78	4	1420	1.7	<1	1.78	<0.5	17	<0.5	10.4	11.2	0.82	20	
D59838 (9943425)	<0.5	8.09	4	1440	1.6	<1	1.85	<0.5	23	0.6	11.2	13.3	0.85	18	
D59839 (9943426)	<0.5	5.53	8	1690	2.1	<1	1.63	<0.5	24	4.7	37.0	82.4	1.42	19	
D59840 (9943427)	<0.5	2.35	<1	629	7.6	<1	8.22	<0.5	138	54.3	740	94.8	7.50	38	
D59841 (9943428)	<0.5	7.15	5	2840	1.4	<1	1.36	<0.5	48	<0.5	10.5	15.3	0.90	16	
D59842 (9943429)	<0.5	7.22	<1	3070	1.2	<1	1.25	<0.5	18	<0.5	13.1	9.0	0.76	14	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T443411

PROJECT: AGAT00548

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019	DATE RECEIVED: Mar 05, 2019							DATE REPORTED: Mar 21, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D59843 (9943430)	<0.5	4.35	7	2300	16.2	<1	9.77	<0.5	303	15.0	97.7	39.6	2.61	24	
D59844 (9943431)	<0.5	7.16	3	4800	1.4	<1	0.93	<0.5	49	<0.5	15.2	6.8	1.09	18	
D59845 (9943432)	<0.5	7.23	4	2390	1.2	<1	1.41	<0.5	36	<0.5	8.5	13.5	1.23	16	
D59846 (9943433)	<0.5	7.07	<1	141	1.7	<1	6.60	<0.5	8	38.5	190	152	7.69	36	
D59847 (9943434)	<0.5	6.81	5	3060	1.8	<1	2.23	<0.5	35	3.5	38.4	38.6	1.22	20	
D59848 (9943435)	<0.5	7.96	2	1470	3.3	<1	1.41	<0.5	18	<0.5	14.2	15.9	0.86	21	
D59849 (9943436)	<0.5	6.86	6	4050	4.5	<1	1.61	<0.5	8	<0.5	15.1	2.6	1.51	33	
D59850 (9943437)	<0.5	6.75	3	573	4.3	<1	1.17	<0.5	5	1.9	18.6	2.9	0.82	28	
D59851 (9943438)	<0.5	7.35	3	999	3.3	<1	1.19	<0.5	16	<0.5	14.2	3.0	0.63	19	
D59852 (9943439)	<0.5	0.06	<1	16	<0.5	<1	32.1	<0.5	<1	<0.5	2.2	<0.5	0.11	13	
D59853 (9943440)	<0.5	6.90	2	2290	1.1	<1	1.17	<0.5	16	<0.5	9.7	2.9	0.65	13	
D59854 (9943441)	<0.5	7.38	<1	557	2.5	<1	4.52	<0.5	57	23.3	219	43.9	5.26	33	
D59855 (9943442)	<0.5	8.89	13	959	3.1	<1	2.79	<0.5	145	12.3	88.0	53.8	3.67	33	
D59856 (9943443)	1.4	7.22	<1	1480	1.8	<1	1.67	<0.5	110	0.9	19.7	7.3	1.46	18	
D59857 (9943444)	0.6	7.67	6	1130	3.1	<1	2.77	<0.5	268	11.8	134	46.8	4.56	32	
D59858 (9943445)	0.6	7.38	6	1060	3.3	<1	2.68	<0.5	278	12.2	144	47.3	4.35	32	
D59859 (9943446)	<0.5	6.99	6	2930	2.3	<1	1.23	<0.5	212	4.9	52.7	34.4	2.90	27	
D59860 (9943447)	<0.5	8.32	14	1220	3.2	<1	2.46	<0.5	186	20.7	86.4	176	4.64	34	
D59861 (9943448)	1.7	8.15	16	975	3.7	<1	4.35	<0.5	60	15.1	106	23.3	4.01	35	
D59862 (9943449)	<0.5	8.15	<1	700	1.9	<1	7.18	<0.5	7	42.3	137	55.0	7.52	39	
D59863 (9943450)	<0.5	7.94	<1	317	1.7	<1	7.99	<0.5	7	39.4	107	117	8.52	36	
D59864 (9943451)	<0.5	8.06	<1	493	1.8	<1	7.46	<0.5	10	42.0	134	52.6	5.82	36	
D59865 (9943452)	<0.5	8.05	<1	323	2.1	<1	6.68	<0.5	6	44.3	122	101	5.78	33	
D59866 (9943453)	<0.5	7.34	5	84	1.5	<1	7.19	<0.5	8	38.1	202	151	7.38	35	
D59867 (9943454)	<0.5	7.49	<1	229	2.5	<1	6.24	<0.5	8	46.3	91.9	115	5.62	36	
D59868 (9943455)	<0.5	7.08	9	298	2.7	<1	8.11	<0.5	20	53.7	106	953	6.60	36	
D59869 (9943456)	<0.5	2.14	23	661	7.6	<1	14.1	<0.5	484	27.7	427	77.1	6.43	30	
D59870 (9943457)	<0.5	7.31	<1	208	2.2	<1	6.41	<0.5	11	44.9	61.6	106	6.09	35	
D59871 (9943458)	<0.5	7.29	<1	93	2.0	<1	6.93	<0.5	9	41.9	64.6	141	6.48	35	
D59872 (9943459)	<0.5	0.07	3	15	<0.5	<1	33.3	<0.5	<1	0.6	1.6	<0.5	0.10	11	
D59873 (9943460)	<0.5	8.07	<1	109	2.1	<1	6.97	<0.5	7	41.7	89.1	110	6.11	33	
D59874 (9943461)	<0.5	7.62	<1	103	2.0	2	6.72	<0.5	8	43.7	66.9	143	6.50	38	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T443411

PROJECT: AGAT00548

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MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019	DATE RECEIVED: Mar 05, 2019				DATE REPORTED: Mar 21, 2019				SAMPLE TYPE: Drill Core					
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5
D59875 (9943462)	<0.5	8.36	<1	259	1.9	<1	6.26	<0.5	7	43.3	120	95.5	6.64	35
D59876 (9943463)	<0.5	6.43	<1	276	2.9	6	7.40	<0.5	30	44.0	287	146	8.51	37
D59877 (9943464)	<0.5	7.89	<1	237	2.5	<1	7.92	<0.5	8	44.7	123	242	9.04	38
D59878 (9943465)	<0.5	7.82	<1	236	2.6	<1	7.80	<0.5	8	43.2	121	225	8.86	36
D59879 (9943466)	<0.5	8.57	<1	146	2.2	1	5.53	<0.5	8	45.9	129	66.1	5.36	36
D59880 (9943467)	<0.5	8.03	<1	104	2.0	<1	7.77	<0.5	7	44.8	116	139	9.30	36
D59881 (9943468)	<0.5	8.71	<1	249	2.2	<1	6.92	<0.5	7	43.4	120	51.1	6.44	36
D59882 (9943469)	<0.5	9.08	3	269	2.0	<1	7.57	<0.5	7	49.2	124	81.6	7.47	36

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T443411

PROJECT: AGAT00548

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019	DATE RECEIVED: Mar 05, 2019					DATE REPORTED: Mar 21, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D59811 (9943398)	<1	1.42	29	55	2.76	1410	<0.5	2.57	51.8	772	<20	<50	0.08	4	
D59812 (9943399)	<1	0.02	3	1	2.36	55	1.0	0.04	<0.5	86	<20	<50	<0.01	<1	
D59813 (9943400)	<1	0.92	16	17	3.25	1870	<0.5	2.49	67.4	761	<20	<50	0.14	<1	
D59814 (9943401)	<1	0.98	6	14	2.90	1600	<0.5	2.21	72.8	378	<20	<50	0.08	<1	
D59815 (9943402)	<1	0.79	17	16	3.14	2550	<0.5	2.23	68.8	1100	<20	<50	0.13	<1	
D59816 (9943403)	<1	0.94	11	20	2.09	1480	<0.5	3.13	99.8	448	<20	<50	0.23	<1	
D59817 (9943404)	<1	0.58	7	26	1.89	1060	<0.5	3.31	132	450	<20	<50	0.18	1	
D59818 (9943405)	<1	0.59	7	27	1.90	1070	<0.5	3.37	126	440	<20	<50	0.18	<1	
D59819 (9943406)	<1	0.56	4	13	2.61	2330	<0.5	2.31	80.8	271	<20	<50	0.15	2	
D59820 (9943407)	<1	0.81	3	12	3.16	2370	<0.5	2.15	72.0	238	<20	<50	0.11	1	
D59821 (9943408)	<1	1.40	77	40	2.08	1230	<0.5	2.47	50.8	169	<20	<50	0.15	<1	
D59822 (9943409)	<1	0.78	4	24	3.41	2370	<0.5	1.93	74.7	291	<20	<50	0.14	2	
D59823 (9943410)	<1	0.52	3	16	4.07	2540	<0.5	2.06	74.2	258	<20	<50	0.16	2	
D59824 (9943411)	<1	0.81	7	19	3.29	2740	<0.5	2.01	71.3	240	<20	<50	0.20	2	
D59825 (9943412)	<1	0.90	14	36	1.24	1430	2.0	4.31	19.5	220	<20	<50	0.12	<1	
D59826 (9943413)	<1	0.44	9	10	4.28	1350	0.6	2.33	101	822	<20	<50	0.09	<1	
D59827 (9943414)	<1	1.19	14	35	2.75	2180	<0.5	2.99	55.9	218	<20	<50	0.19	2	
D59828 (9943415)	<1	2.48	3	11	0.18	537	39.0	2.53	2.6	28	<20	<50	0.09	<1	
D59829 (9943416)	<1	0.68	<2	5	0.06	155	2.1	1.03	2.4	12	<20	<50	0.13	<1	
D59830 (9943417)	<1	3.63	2	9	0.10	773	1.1	2.89	1.7	30	<20	<50	0.09	<1	
D59831 (9943418)	<1	2.72	5	7	0.37	465	2.0	2.66	10.6	87	<20	<50	0.02	<1	
D59832 (9943419)	<1	0.02	3	1	2.88	56	<0.5	0.05	<0.5	83	<20	<50	<0.01	<1	
D59833 (9943420)	<1	5.13	<2	4	0.09	146	1.2	2.09	1.1	39	<20	<50	0.07	4	
D59834 (9943421)	<1	3.08	3	6	0.09	531	<0.5	2.86	<0.5	39	<20	<50	0.02	<1	
D59835 (9943422)	<1	4.18	30	17	0.75	259	1.0	3.08	21.6	696	24	<50	0.04	<1	
D59836 (9943423)	<1	1.96	114	55	7.77	1500	1.8	1.59	292	4050	<20	<50	0.13	<1	
D59837 (9943424)	<1	2.34	10	12	0.22	122	0.9	3.67	2.6	344	<20	<50	0.07	<1	
D59838 (9943425)	<1	2.49	13	12	0.23	127	0.7	3.73	2.2	336	<20	<50	0.08	2	
D59839 (9943426)	<1	2.30	12	12	0.61	372	1.9	2.62	24.5	660	<20	<50	0.22	1	
D59840 (9943427)	<1	1.97	62	53	9.40	1300	1.6	1.73	482	1460	<20	<50	0.16	<1	
D59841 (9943428)	<1	3.59	27	6	0.25	349	1.2	2.86	3.6	534	<20	<50	0.04	2	
D59842 (9943429)	<1	3.81	10	7	0.22	204	2.7	2.71	1.2	174	<20	<50	0.02	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T443411

PROJECT: AGAT00548

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019	DATE RECEIVED: Mar 05, 2019					DATE REPORTED: Mar 21, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D59843 (9943430)	<1	2.80	148	28	2.39	937	2.9	2.05	91.2	6370	<20	<50	0.09	<1	
D59844 (9943431)	<1	3.95	27	14	0.42	204	4.2	2.59	3.0	274	<20	<50	0.08	<1	
D59845 (9943432)	<1	2.74	19	7	0.22	741	1.0	2.80	2.4	62	<20	<50	0.04	2	
D59846 (9943433)	<1	0.20	4	12	4.13	1350	<0.5	2.23	82.3	385	<20	<50	0.14	<1	
D59847 (9943434)	<1	2.67	18	14	0.65	508	1.4	2.89	44.1	288	<20	<50	0.14	<1	
D59848 (9943435)	<1	2.36	10	9	0.12	473	1.3	3.75	0.8	96	24	<50	0.05	2	
D59849 (9943436)	<1	3.28	4	6	0.42	952	1.2	2.97	6.4	82	36	<50	0.11	<1	
D59850 (9943437)	<1	2.75	<2	6	0.19	326	1.4	3.30	12.1	51	31	<50	0.02	<1	
D59851 (9943438)	<1	2.23	8	10	0.09	165	1.2	3.62	0.8	26	<20	<50	0.02	<1	
D59852 (9943439)	<1	0.02	3	<1	2.20	62	<0.5	0.03	0.9	103	<20	<50	0.01	<1	
D59853 (9943440)	<1	4.00	9	7	0.12	211	<0.5	2.58	1.0	34	<20	<50	0.01	<1	
D59854 (9943441)	<1	1.16	26	24	3.14	1080	<0.5	2.46	42.0	1240	<20	<50	0.08	1	
D59855 (9943442)	<1	1.46	70	25	1.15	650	1.4	4.15	62.4	1020	<20	<50	0.14	<1	
D59856 (9943443)	<1	2.14	54	11	0.29	265	1.4	3.09	7.6	104	<20	<50	0.02	<1	
D59857 (9943444)	<1	1.62	143	29	1.77	780	0.9	2.98	36.7	543	<20	<50	0.09	4	
D59858 (9943445)	<1	1.54	145	27	1.70	754	1.9	2.91	35.6	539	<20	<50	0.09	<1	
D59859 (9943446)	<1	4.26	112	20	0.79	474	3.8	2.32	23.5	81	<20	<50	0.07	3	
D59860 (9943447)	<1	1.53	91	25	1.27	803	4.6	3.77	72.1	724	<20	<50	0.39	3	
D59861 (9943448)	<1	1.69	20	14	1.30	876	0.7	4.20	57.8	420	<20	<50	0.30	<1	
D59862 (9943449)	<1	1.17	4	9	3.10	2060	<0.5	2.06	81.8	306	<20	<50	0.09	<1	
D59863 (9943450)	<1	0.71	4	9	3.48	2350	<0.5	1.78	58.6	302	<20	<50	0.12	2	
D59864 (9943451)	<1	0.49	5	9	3.49	1360	<0.5	2.17	59.9	312	<20	<50	0.04	1	
D59865 (9943452)	<1	0.54	3	17	3.56	1320	<0.5	2.69	60.1	301	<20	<50	0.06	4	
D59866 (9943453)	<1	0.24	4	13	4.32	1300	<0.5	1.63	92.3	327	<20	<50	0.20	<1	
D59867 (9943454)	<1	0.43	5	29	3.21	1380	<0.5	2.82	55.0	460	<20	<50	0.09	2	
D59868 (9943455)	<1	0.48	11	40	2.98	1560	0.7	3.09	62.9	580	<20	<50	0.64	<1	
D59869 (9943456)	<1	0.44	242	46	4.73	1790	9.5	2.21	125	6050	25	<50	0.21	<1	
D59870 (9943457)	<1	0.21	6	29	3.20	1440	0.5	2.63	49.6	399	<20	<50	0.09	2	
D59871 (9943458)	<1	0.12	4	14	3.29	1480	<0.5	2.24	45.4	341	<20	<50	0.11	4	
D59872 (9943459)	<1	0.01	3	<1	1.74	46	0.9	0.04	<0.5	72	<20	<50	<0.01	<1	
D59873 (9943460)	<1	0.20	4	14	3.50	1420	<0.5	2.38	54.0	309	<20	<50	0.08	<1	
D59874 (9943461)	<1	0.22	4	11	3.22	1570	<0.5	2.26	48.5	362	<20	<50	0.09	1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T443411

PROJECT: AGAT00548

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019	DATE RECEIVED: Mar 05, 2019		DATE REPORTED: Mar 21, 2019		SAMPLE TYPE: Drill Core										
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D59875 (9943462)	<1	0.50	3	15	3.37	1780	<0.5	2.55	62.8	336	<20	<50	0.07	<1	
D59876 (9943463)	<1	0.86	14	25	5.47	2400	<0.5	1.67	204	701	<20	<50	0.19	<1	
D59877 (9943464)	<1	0.44	4	20	3.41	3090	<0.5	2.01	73.8	289	<20	<50	0.31	<1	
D59878 (9943465)	<1	0.44	5	20	3.35	2980	<0.5	2.01	71.5	299	<20	<50	0.28	<1	
D59879 (9943466)	<1	0.32	3	18	3.15	1480	<0.5	3.22	71.5	309	<20	<50	0.06	<1	
D59880 (9943467)	<1	0.33	3	13	2.90	3200	<0.5	1.80	67.3	254	<20	<50	0.13	4	
D59881 (9943468)	<1	0.38	4	17	3.34	1790	<0.5	2.41	69.3	285	<20	<50	0.04	<1	
D59882 (9943469)	<1	0.71	4	22	3.92	2140	<0.5	1.91	82.4	261	<20	<50	0.06	<1	

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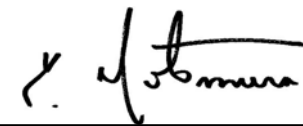
CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019	DATE RECEIVED: Mar 05, 2019					DATE REPORTED: Mar 21, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D59811 (9943398)	28	<10	<5	257	<10	<10	<5	0.53	<5	<50	196	<1	21	136	
D59812 (9943399)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.2	2	3	1.9	
D59813 (9943400)	38	<10	<5	290	<10	<10	<5	0.53	<5	<50	252	<1	21	104	
D59814 (9943401)	41	<10	<5	248	<10	<10	<5	0.54	<5	<50	272	<1	19	83.1	
D59815 (9943402)	35	<10	<5	238	<10	<10	<5	0.57	<5	<50	237	<1	32	96.5	
D59816 (9943403)	37	<10	<5	200	<10	<10	<5	0.50	<5	<50	233	<1	22	98.4	
D59817 (9943404)	39	<10	<5	184	<10	<10	<5	0.57	<5	<50	250	<1	22	50.2	
D59818 (9943405)	39	<10	<5	188	<10	<10	<5	0.58	<5	<50	251	<1	22	52.2	
D59819 (9943406)	44	<10	6	185	<10	<10	<5	0.60	<5	<50	287	<1	21	78.7	
D59820 (9943407)	43	<10	<5	191	<10	<10	<5	0.54	<5	<50	263	<1	19	99.1	
D59821 (9943408)	21	<10	6	231	<10	13	<5	0.50	<5	<50	147	<1	11	124	
D59822 (9943409)	43	<10	6	157	<10	11	<5	0.56	<5	<50	282	<1	21	76.0	
D59823 (9943410)	45	<10	6	146	<10	13	<5	0.58	<5	<50	285	<1	21	87.8	
D59824 (9943411)	40	<10	<5	136	<10	11	<5	0.54	5	<50	262	<1	21	110	
D59825 (9943412)	16	<10	<5	263	<10	<10	<5	0.29	<5	<50	84.4	<1	9	115	
D59826 (9943413)	33	<10	<5	244	<10	21	<5	0.89	<5	<50	238	<1	22	89.3	
D59827 (9943414)	36	<10	6	174	<10	12	<5	0.44	<5	<50	227	<1	19	125	
D59828 (9943415)	4	<10	<5	296	<10	<10	<5	0.07	<5	<50	11.4	<1	11	36.6	
D59829 (9943416)	1	<10	<5	92	<10	<10	6	0.03	<5	<50	5.3	<1	4	5.6	
D59830 (9943417)	4	<10	<5	338	<10	<10	<5	<0.01	<5	<50	3.8	<1	18	22.2	
D59831 (9943418)	7	<10	<5	288	<10	<10	<5	0.10	<5	<50	43.8	<1	9	38.3	
D59832 (9943419)	<1	<10	<5	65	<10	<10	<5	<0.01	<5	<50	1.7	1	2	3.4	
D59833 (9943420)	1	<10	<5	312	<10	<10	<5	0.01	<5	<50	2.5	<1	4	6.4	
D59834 (9943421)	2	<10	<5	330	<10	<10	<5	<0.01	<5	<50	3.6	<1	13	14.4	
D59835 (9943422)	4	<10	<5	433	<10	<10	9	0.22	<5	<50	33.6	<1	10	23.4	
D59836 (9943423)	17	<10	6	1320	<10	67	<5	1.88	<5	<50	256	<1	36	75.1	
D59837 (9943424)	2	<10	<5	363	<10	<10	7	0.06	<5	<50	16.7	<1	13	15.4	
D59838 (9943425)	2	<10	<5	374	<10	<10	9	0.06	<5	<50	15.5	<1	13	19.2	
D59839 (9943426)	4	<10	<5	342	<10	<10	6	0.10	<5	<50	31.5	<1	19	20.3	
D59840 (9943427)	21	<10	<5	782	<10	48	<5	1.51	<5	<50	230	<1	21	63.4	
D59841 (9943428)	2	<10	<5	398	<10	<10	7	0.04	<5	<50	7.9	<1	11	16.3	
D59842 (9943429)	1	<10	<5	391	<10	<10	<5	0.04	<5	<50	6.9	<1	5	12.2	

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T443411

PROJECT: AGAT00548

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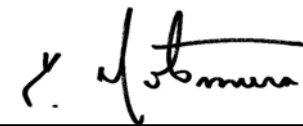
CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019	DATE RECEIVED: Mar 05, 2019					DATE REPORTED: Mar 21, 2019					SAMPLE TYPE: Drill Core				
Analyte: Unit: RDL:	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	
Sample ID (AGAT ID)	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D59843 (9943430)	4	<10	<5	1570	<10	<10	<5	0.22	<5	<50	65.3	<1	37	33.4	
D59844 (9943431)	1	<10	<5	359	<10	<10	<5	0.05	<5	<50	7.8	<1	5	30.4	
D59845 (9943432)	3	<10	<5	327	<10	<10	<5	0.03	<5	<50	4.3	<1	19	19.4	
D59846 (9943433)	44	<10	<5	107	<10	13	<5	0.67	<5	<50	308	<1	22	74.7	
D59847 (9943434)	3	<10	<5	383	<10	<10	<5	0.08	<5	<50	20.4	<1	9	16.9	
D59848 (9943435)	2	<10	<5	221	<10	<10	6	0.02	<5	<50	4.1	<1	17	13.0	
D59849 (9943436)	5	<10	<5	55	<10	<10	<5	0.02	<5	<50	9.4	<1	34	7.6	
D59850 (9943437)	3	<10	<5	101	<10	<10	10	0.03	<5	<50	4.8	<1	22	5.1	
D59851 (9943438)	1	<10	<5	204	<10	<10	11	0.03	<5	<50	5.3	<1	7	6.7	
D59852 (9943439)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.1	2	2	2.8	
D59853 (9943440)	1	<10	<5	292	<10	<10	6	0.03	<5	<50	6.3	1	4	14.4	
D59854 (9943441)	18	<10	<5	593	<10	<10	<5	0.33	<5	<50	122	<1	16	99.9	
D59855 (9943442)	12	<10	<5	500	<10	<10	<5	0.32	<5	<50	101	<1	12	110	
D59856 (9943443)	3	<10	<5	331	<10	<10	25	0.12	<5	<50	17.0	<1	6	34.7	
D59857 (9943444)	11	<10	7	406	<10	<10	25	0.39	<5	<50	79.6	<1	14	84.6	
D59858 (9943445)	11	<10	<5	398	<10	<10	29	0.37	<5	<50	78.4	<1	14	81.5	
D59859 (9943446)	5	<10	<5	253	<10	<10	25	0.30	<5	<50	43.0	<1	9	73.8	
D59860 (9943447)	12	<10	<5	366	<10	<10	<5	0.38	<5	<50	91.7	<1	14	104	
D59861 (9943448)	18	<10	<5	443	<10	<10	14	0.37	<5	<50	134	<1	39	52.5	
D59862 (9943449)	48	<10	<5	408	<10	<10	<5	0.62	<5	<50	310	<1	22	114	
D59863 (9943450)	46	<10	6	187	<10	<10	<5	0.62	<5	<50	299	<1	21	90.7	
D59864 (9943451)	49	<10	<5	113	<10	<10	<5	0.62	<5	<50	321	<1	20	90.8	
D59865 (9943452)	49	<10	<5	161	<10	10	<5	0.64	<5	<50	324	<1	18	108	
D59866 (9943453)	41	<10	<5	166	<10	<10	<5	0.61	<5	<50	276	<1	20	71.7	
D59867 (9943454)	49	<10	<5	192	<10	<10	<5	0.64	<5	<50	315	<1	19	93.2	
D59868 (9943455)	45	<10	<5	253	<10	<10	<5	0.58	<5	<50	312	<1	22	113	
D59869 (9943456)	24	<10	6	1820	<10	24	85	0.87	<5	<50	199	<1	220	107	
D59870 (9943457)	50	<10	<5	166	<10	<10	<5	0.72	<5	<50	352	<1	21	123	
D59871 (9943458)	50	<10	<5	134	<10	<10	<5	0.71	<5	<50	341	<1	22	104	
D59872 (9943459)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	3.2	
D59873 (9943460)	48	<10	<5	135	<10	<10	<5	0.68	<5	<50	306	<1	20	99.6	
D59874 (9943461)	53	<10	<5	130	<10	<10	<5	0.75	<5	<50	367	<1	23	99.3	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T443411

PROJECT: AGAT00548

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019	DATE RECEIVED: Mar 05, 2019					DATE REPORTED: Mar 21, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D59875 (9943462)	46	<10	<5	129	<10	<10	<5	0.64	<5	<50	302	<1	19	93.4	
D59876 (9943463)	38	<10	<5	219	<10	21	<5	0.86	<5	<50	268	<1	20	87.9	
D59877 (9943464)	46	<10	<5	81	<10	15	<5	0.60	<5	<50	305	<1	22	101	
D59878 (9943465)	44	<10	5	83	<10	<10	<5	0.59	<5	<50	294	<1	22	99.4	
D59879 (9943466)	48	<10	<5	131	<10	<10	<5	0.64	<5	<50	313	<1	20	74.9	
D59880 (9943467)	46	<10	6	130	<10	13	<5	0.60	<5	<50	308	<1	22	98.2	
D59881 (9943468)	48	<10	<5	142	<10	13	<5	0.67	<5	<50	308	<1	20	86.6	
D59882 (9943469)	45	<10	<5	121	<10	13	<5	0.62	<5	<50	287	<1	20	99.8	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T443411

PROJECT: AGAT00548

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019      DATE RECEIVED: Mar 05, 2019      DATE REPORTED: Mar 21, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D59811 (9943398)				206
D59812 (9943399)				<5
D59813 (9943400)				67
D59814 (9943401)				24
D59815 (9943402)				99
D59816 (9943403)				37
D59817 (9943404)				47
D59818 (9943405)				55
D59819 (9943406)				14
D59820 (9943407)				13
D59821 (9943408)				143
D59822 (9943409)				16
D59823 (9943410)				30
D59824 (9943411)				24
D59825 (9943412)				47
D59826 (9943413)				96
D59827 (9943414)				51
D59828 (9943415)				179
D59829 (9943416)				187
D59830 (9943417)				107
D59831 (9943418)				83
D59832 (9943419)				<5
D59833 (9943420)				99
D59834 (9943421)				175
D59835 (9943422)				92
D59836 (9943423)				257
D59837 (9943424)				15
D59838 (9943425)				12
D59839 (9943426)				114
D59840 (9943427)				277
D59841 (9943428)				46
D59842 (9943429)				31

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T443411

PROJECT: AGAT00548

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019      DATE RECEIVED: Mar 05, 2019      DATE REPORTED: Mar 21, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D59843 (9943430)				113
D59844 (9943431)				31
D59845 (9943432)				53
D59846 (9943433)				55
D59847 (9943434)				103
D59848 (9943435)				83
D59849 (9943436)				121
D59850 (9943437)				95
D59851 (9943438)				96
D59852 (9943439)				<5
D59853 (9943440)				119
D59854 (9943441)				92
D59855 (9943442)				183
D59856 (9943443)				450
D59857 (9943444)				454
D59858 (9943445)				445
D59859 (9943446)				192
D59860 (9943447)				225
D59861 (9943448)				753
D59862 (9943449)				16
D59863 (9943450)				14
D59864 (9943451)				16
D59865 (9943452)				16
D59866 (9943453)				48
D59867 (9943454)				18
D59868 (9943455)				27
D59869 (9943456)				370
D59870 (9943457)				21
D59871 (9943458)				17
D59872 (9943459)				<5
D59873 (9943460)				15
D59874 (9943461)				18

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T443411

PROJECT: AGAT00548

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019

DATE RECEIVED: Mar 05, 2019

DATE REPORTED: Mar 21, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D59875 (9943462)	14
D59876 (9943463)	63
D59877 (9943464)	21
D59878 (9943465)	21
D59879 (9943466)	16
D59880 (9943467)	14
D59881 (9943468)	16
D59882 (9943469)	15

Comments: RDL - Reported Detection Limit

9943398-9943469 As, Sb values may be low due to digestion losses.

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T443411

PROJECT: AGAT00548

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 04, 2019      DATE RECEIVED: Mar 05, 2019      DATE REPORTED: Mar 21, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D59811 (9943398)			0.007
D59812 (9943399)			0.003
D59813 (9943400)			0.003
D59814 (9943401)			0.004
D59815 (9943402)			0.004
D59816 (9943403)			0.003
D59817 (9943404)			0.010
D59818 (9943405)			0.002
D59819 (9943406)			0.004
D59820 (9943407)			0.002
D59821 (9943408)			0.003
D59822 (9943409)			0.002
D59823 (9943410)			0.003
D59824 (9943411)			0.002
D59825 (9943412)			0.003
D59826 (9943413)			0.333
D59827 (9943414)			0.005
D59828 (9943415)			0.010
D59829 (9943416)			0.003
D59830 (9943417)			0.013
D59831 (9943418)			0.003
D59832 (9943419)			0.002
D59833 (9943420)			0.003
D59834 (9943421)			0.002
D59835 (9943422)			0.006
D59836 (9943423)			0.002
D59837 (9943424)			0.002
D59838 (9943425)			0.002
D59839 (9943426)			0.005
D59840 (9943427)			0.007
D59841 (9943428)			0.002
D59842 (9943429)			0.001

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T443411

PROJECT: AGAT00548

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 04, 2019      DATE RECEIVED: Mar 05, 2019      DATE REPORTED: Mar 21, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D59843 (9943430)			0.002
D59844 (9943431)			0.004
D59845 (9943432)			0.002
D59846 (9943433)			0.561
D59847 (9943434)			0.003
D59848 (9943435)			0.003
D59849 (9943436)			0.003
D59850 (9943437)			0.002
D59851 (9943438)			0.002
D59852 (9943439)			0.002
D59853 (9943440)			0.001
D59854 (9943441)			0.001
D59855 (9943442)			0.002
D59856 (9943443)			0.001
D59857 (9943444)			0.002
D59858 (9943445)			0.002
D59859 (9943446)			0.002
D59860 (9943447)			0.005
D59861 (9943448)			0.006
D59862 (9943449)			0.002
D59863 (9943450)			0.003
D59864 (9943451)			0.005
D59865 (9943452)			0.005
D59866 (9943453)			1.21
D59867 (9943454)			0.003
D59868 (9943455)			0.008
D59869 (9943456)			0.004
D59870 (9943457)			0.005
D59871 (9943458)			0.002
D59872 (9943459)			0.002
D59873 (9943460)			0.004
D59874 (9943461)			0.003

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## Certificate of Analysis

AGAT WORK ORDER: 19T443411

PROJECT: AGAT00548

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 04, 2019      DATE RECEIVED: Mar 05, 2019      DATE REPORTED: Mar 21, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D59875 (9943462)			0.008
D59876 (9943463)			0.007
D59877 (9943464)			0.007
D59878 (9943465)			0.005
D59879 (9943466)			0.006
D59880 (9943467)			0.009
D59881 (9943468)			0.004
D59882 (9943469)			0.023

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T443411

PROJECT: AGAT00548

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 04, 2019      DATE RECEIVED: Mar 05, 2019      DATE REPORTED: Mar 21, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D59813 (9943400)		81
D59830 (9943417)		78
D59831 (9943418)		84
D59850 (9943437)		83
D59866 (9943453)		81
D59870 (9943457)		83

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	9943398	< 0.5	< 0.5	0.0%	9943412	< 0.5	< 0.5	0.0%	9943423	< 0.5	< 0.5	0.0%	9943437	< 0.5	< 0.5	0.0%
Al	9943398	7.42	7.44	0.3%	9943412	7.73	7.51	2.9%	9943423	2.14	2.16	0.9%	9943437	6.75	7.19	6.3%
As	9943398	4	< 1		9943412	< 1	1		9943423	< 1	1		9943437	3	3	0.0%
Ba	9943398	431	435	0.9%	9943412	693	702	1.3%	9943423	884	897	1.5%	9943437	573	571	0.3%
Be	9943398	3.3	3.2	3.1%	9943412	5.84	6.23	6.5%	9943423	9.33	9.41	0.9%	9943437	4.33	4.36	0.7%
Bi	9943398	1	< 1		9943412	< 1	< 1	0.0%	9943423	< 1	< 1	0.0%	9943437	< 1	< 1	0.0%
Ca	9943398	4.51	4.52	0.2%	9943412	3.10	3.14	1.3%	9943423	9.54	9.58	0.4%	9943437	1.17	1.25	6.6%
Cd	9943398	< 0.5	< 0.5	0.0%	9943412	< 0.5	< 0.5	0.0%	9943423	< 0.5	< 0.5	0.0%	9943437	< 0.5	< 0.5	0.0%
Ce	9943398	62	59	5.0%	9943412	28	29	3.5%	9943423	247	254	2.8%	9943437	5	6	18.2%
Co	9943398	25.1	24.8	1.2%	9943412	9.5	10.4	9.0%	9943423	42.9	45.6	6.1%	9943437	1.86	1.79	3.8%
Cr	9943398	142	156	9.4%	9943412	45.7	44.4	2.9%	9943423	558	583	4.4%	9943437	18.6	16.0	15.0%
Cu	9943398	42.4	43.3	2.1%	9943412	23.5	21.6	8.4%	9943423	73.8	76.3	3.3%	9943437	2.90	3.06	5.4%
Fe	9943398	6.84	6.83	0.1%	9943412	5.15	5.02	2.6%	9943423	7.61	7.59	0.3%	9943437	0.818	0.885	7.9%
Ga	9943398	36	38	5.4%	9943412	33	36	8.7%	9943423	41	43	4.8%	9943437	28	26	7.4%
In	9943398	< 1	< 1	0.0%	9943412	< 1	< 1	0.0%	9943423	< 1	< 1	0.0%	9943437	< 1	< 1	0.0%
K	9943398	1.42	1.43	0.7%	9943412	0.90	0.88	2.2%	9943423	1.96	1.97	0.5%	9943437	2.75	2.92	6.0%
La	9943398	29	29	0.0%	9943412	14	15	6.9%	9943423	114	118	3.4%	9943437	< 2	< 2	0.0%
Li	9943398	55	55	0.0%	9943412	36	35	2.8%	9943423	55	55	0.0%	9943437	6	7	15.4%
Mg	9943398	2.76	2.76	0.0%	9943412	1.24	1.22	1.6%	9943423	7.77	7.69	1.0%	9943437	0.193	0.206	6.5%
Mn	9943398	1410	1380	2.2%	9943412	1430	1380	3.6%	9943423	1500	1490	0.7%	9943437	326	342	4.8%
Mo	9943398	< 0.5	< 0.5	0.0%	9943412	2.0	2.0	0.0%	9943423	1.8	2.3	24.4%	9943437	1.4	1.2	15.4%
Na	9943398	2.57	2.60	1.2%	9943412	4.31	4.35	0.9%	9943423	1.59	1.64	3.1%	9943437	3.30	3.30	0.0%
Ni	9943398	51.8	52.9	2.1%	9943412	19.5	20.5	5.0%	9943423	292	298	2.0%	9943437	12.1	11.4	6.0%
P	9943398	772	801	3.7%	9943412	220	233	5.7%	9943423	4050	4180	3.2%	9943437	51	58	12.8%
Pb	9943398	< 20	< 20	0.0%	9943412	< 20	< 20	0.0%	9943423	< 20	< 20	0.0%	9943437	31	29	6.7%
Rb	9943398	< 50	< 50	0.0%	9943412	< 50	< 50	0.0%	9943423	< 50	< 50	0.0%	9943437	< 50	< 50	0.0%
S	9943398	0.08	0.08	0.0%	9943412	0.124	0.126	1.6%	9943423	0.13	0.13	0.0%	9943437	0.02	0.02	0.0%
Sb	9943398	4	< 1		9943412	< 1	4		9943423	< 1	< 1	0.0%	9943437	< 1	2	
Sc	9943398	28	27	3.6%	9943412	16	17	6.1%	9943423	17	18	5.7%	9943437	3	2	
Se	9943398	< 10	< 10	0.0%	9943412	< 10	< 10	0.0%	9943423	< 10	< 10	0.0%	9943437	< 10	< 10	0.0%
Sn	9943398	< 5	< 5	0.0%	9943412	5	6	18.2%	9943423	6	< 5		9943437	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	9943398	257	258	0.4%	9943412	263	266	1.1%	9943423	1320	1330	0.8%	9943437	101	101	0.0%
Ta	9943398	< 10	< 10	0.0%	9943412	< 10	< 10	0.0%	9943423	< 10	< 10	0.0%	9943437	< 10	< 10	0.0%
Te	9943398	< 10	< 10	0.0%	9943412	< 10	< 10	0.0%	9943423	67	72	7.2%	9943437	< 10	< 10	0.0%
Th	9943398	< 5	< 5	0.0%	9943412	< 5	< 5	0.0%	9943423	< 5	< 5	0.0%	9943437	10	11	9.5%
Ti	9943398	0.53	0.53	0.0%	9943412	0.29	0.26	10.9%	9943423	1.88	1.89	0.5%	9943437	0.03	0.03	0.0%
Tl	9943398	< 5	< 5	0.0%	9943412	< 5	< 5	0.0%	9943423	< 5	< 5	0.0%	9943437	< 5	< 5	0.0%
U	9943398	< 50	< 50	0.0%	9943412	< 50	< 50	0.0%	9943423	< 50	< 50	0.0%	9943437	< 50	< 50	0.0%
V	9943398	196	192	2.1%	9943412	84.4	88.1	4.3%	9943423	256	265	3.5%	9943437	4.81	4.63	3.8%
W	9943398	< 1	< 1	0.0%	9943412	< 1	< 1	0.0%	9943423	< 1	3		9943437	< 1	< 1	0.0%
Y	9943398	21	20	4.9%	9943412	9	10	10.5%	9943423	36	37	2.7%	9943437	22	22	0.0%
Zn	9943398	136	134	1.5%	9943412	115	119	3.4%	9943423	75.1	80.4	6.8%	9943437	5.1	5.5	7.5%
Zr	9943398	206	204	1.0%	9943412	47	39	18.6%	9943423	257	257	0.0%	9943437	95	96	1.0%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	9943448	1.67	1.61	3.7%	9943462	< 0.5	< 0.5	0.0%								
Al	9943448	8.15	7.80	4.4%	9943462	8.36	8.11	3.0%								
As	9943448	16	23		9943462	< 1	< 1	0.0%								
Ba	9943448	975	933	4.4%	9943462	259	258	0.4%								
Be	9943448	3.7	3.8	2.7%	9943462	1.92	1.95	1.6%								
Bi	9943448	< 1	< 1	0.0%	9943462	< 1	< 1	0.0%								
Ca	9943448	4.35	4.28	1.6%	9943462	6.26	6.33	1.1%								
Cd	9943448	< 0.5	< 0.5	0.0%	9943462	< 0.5	< 0.5	0.0%								
Ce	9943448	60	56	6.9%	9943462	7	6	15.4%								
Co	9943448	15.1	14.9	1.3%	9943462	43.3	42.7	1.4%								
Cr	9943448	106	99.1	6.7%	9943462	120	120	0.0%								
Cu	9943448	23.3	21.6	7.6%	9943462	95.5	93.9	1.7%								
Fe	9943448	4.01	3.87	3.6%	9943462	6.64	6.41	3.5%								
Ga	9943448	35	35	0.0%	9943462	35	33	5.9%								
In	9943448	< 1	< 1	0.0%	9943462	< 1	< 1	0.0%								
K	9943448	1.69	1.59	6.1%	9943462	0.498	0.483	3.1%								
La	9943448	20	19	5.1%	9943462	3	3	0.0%								
Li	9943448	14	14	0.0%	9943462	15	15	0.0%								
Mg	9943448	1.30	1.24	4.7%	9943462	3.37	3.25	3.6%								
Mn	9943448	876	842	4.0%	9943462	1780	1720	3.4%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	9943448	0.7	0.6	15.4%	9943462	< 0.5	< 0.5	0.0%								
Na	9943448	4.20	4.06	3.4%	9943462	2.55	2.57	0.8%								
Ni	9943448	57.8	54.8	5.3%	9943462	62.8	65.8	4.7%								
P	9943448	420	408	2.9%	9943462	336	338	0.6%								
Pb	9943448	< 20	< 20	0.0%	9943462	< 20	< 20	0.0%								
Rb	9943448	< 50	< 50	0.0%	9943462	< 50	< 50	0.0%								
S	9943448	0.298	0.293	1.7%	9943462	0.07	0.07	0.0%								
Sb	9943448	< 1	< 1	0.0%	9943462	< 1	< 1	0.0%								
Sc	9943448	18	18	0.0%	9943462	46	47	2.2%								
Se	9943448	< 10	< 10	0.0%	9943462	< 10	< 10	0.0%								
Sn	9943448	5	6	18.2%	9943462	< 5	6									
Sr	9943448	443	433	2.3%	9943462	129	130	0.8%								
Ta	9943448	< 10	< 10	0.0%	9943462	< 10	< 10	0.0%								
Te	9943448	< 10	< 10	0.0%	9943462	< 10	< 10	0.0%								
Th	9943448	14	11	24.0%	9943462	< 5	< 5	0.0%								
Ti	9943448	0.367	0.355	3.3%	9943462	0.64	0.63	1.6%								
Tl	9943448	< 5	< 5	0.0%	9943462	< 5	< 5	0.0%								
U	9943448	< 50	< 50	0.0%	9943462	< 50	< 50	0.0%								
V	9943448	134	133	0.7%	9943462	302	309	2.3%								
W	9943448	< 1	< 1	0.0%	9943462	< 1	< 1	0.0%								
Y	9943448	39	37	5.3%	9943462	19	20	5.1%								
Zn	9943448	52.5	49.2	6.5%	9943462	93.4	93.0	0.4%								
Zr	9943448	753	724	3.9%	9943462	14	14	0.0%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	9943398	0.007	0.003		9943412	0.003	0.003	0.0%	9943423	0.002	0.002	0.0%	9943437	0.002	0.005	
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	9943448	0.0060	0.0069	14.0%	9943462	0.0082	0.0090	9.3%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

**(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish**

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.99	100%	90% - 110%	8.17	8.17	100%	90% - 110%	6.96	7.07	102%	90% - 110%	10.95	10.96	100%	90% - 110%
As					26	29	110%	90% - 110%	124	116	94%	90% - 110%				
Ba	340	331	97%	90% - 110%	540	501	93%	90% - 110%	186	185	99%	90% - 110%	340	321	94%	90% - 110%
Be	2.6	2.5	96%	90% - 110%	4.0	4.3	108%	90% - 110%					2.6	2.6	101%	90% - 110%
Ca	5.72	5.84	102%	90% - 110%	0.907	0.891	98%	90% - 110%	4.01	3.95	98%	90% - 110%	5.72	5.56	97%	90% - 110%
Ce	122	120	98%	90% - 110%	98	105	108%	90% - 110%	24	23	95%	90% - 110%	122	125	102%	90% - 110%
Co									22.1	20.3	92%	90% - 110%				
Cr					60.3	61.7	102%	90% - 110%								
Cu	7	6	85%	90% - 110%	150	148	99%	90% - 110%	88.6	86.1	97%	90% - 110%	7	6	85%	90% - 110%
Fe	4.34	4.2	97%	90% - 110%	3.77	3.7	98%	90% - 110%	7.56	7.5	99%	90% - 110%	4.34	4.12	95%	90% - 110%
Ga	35	36	103%	90% - 110%									35	38	108%	90% - 110%
K	1.37	1.44	105%	90% - 110%					2.021	2.096	104%	90% - 110%	1.37	1.45	106%	90% - 110%
La	58	52	90%	90% - 110%	44	45	101%	90% - 110%					58	55	94%	90% - 110%
Li	37	38	103%	90% - 110%	47	47	99%	90% - 110%					37	39	105%	90% - 110%
Mg	0.325	0.301	92%	90% - 110%	1.10	1.06	96%	90% - 110%	2.412	2.436	101%	90% - 110%	0.325	0.305	94%	90% - 110%
Mn					780	755	97%	90% - 110%	1510	1488	99%	90% - 110%				
Mo					14	13	93%	90% - 110%								
Na	5.267	5.447	103%	90% - 110%	1.624	1.686	104%	90% - 110%	0.617	0.637	103%	90% - 110%	5.267	5.483	104%	90% - 110%
Ni					32	31	98%	90% - 110%	77.1	71	92%	90% - 110%				
P					750	736	98%	90% - 110%	892	881	99%	90% - 110%				
Pb					31	31	99%	90% - 110%					10	9	89%	90% - 110%
S									0.348	0.324	93%	90% - 110%				
Sc					12	12	103%	90% - 110%								
Sr	1191	1176	99%	90% - 110%	144	148	102%	90% - 110%	92.8	88.7	96%	90% - 110%	1191	1178	99%	90% - 110%
Ti	0.172	0.174	101%	90% - 110%	0.53	0.483	91%	90% - 110%					0.172	0.174	101%	90% - 110%
V	8	7	87%	90% - 110%	77	81	105%	90% - 110%					8	7	87%	90% - 110%
Y	119	118	99%	90% - 110%									119	121	102%	90% - 110%
Zn	93	91	98%	90% - 110%	130	123	95%	90% - 110%	208	210	101%	90% - 110%	93	91	98%	90% - 110%

**(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)**

Parameter	CRM #1 (ref.GSP7M)				CRM #2 (ref.GS5W)				CRM #3 (ref.1P5Q)				CRM #4 (ref.GS6E)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits



**AGAT** Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 19T443411

PROJECT: AGAT00548

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Au	0.725	0.67	92%	90% - 110%	5.27	5.22	99%	90% - 110%	1.329	1.346	101%	90% - 110%	6.06	6.25	103%	90% - 110%
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## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00548  
 SAMPLING SITE:

AGAT WORK ORDER: 19T443411  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00549

AGAT WORK ORDER: 19T443423

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Mar 21, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

# Certificate of Analysis

AGAT WORK ORDER: 19T443423

PROJECT: AGAT00549

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (200-) Sample Login Weight

DATE SAMPLED: Mar 04, 2019

DATE RECEIVED: Mar 05, 2019

DATE REPORTED: Mar 21, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg
D59883 (9943527)		1.03
D59884 (9943528)		1.90
D59885 (9943529)		1.34
D59886 (9943530)		0.0600
D59887 (9943531)		1.18
D59888 (9943532)		2.48
D59889 (9943533)		2.64
D59890 (9943534)		1.36
D59891 (9943535)		1.16
D59892 (9943536)		1.99
D59893 (9943537)		1.49
D59894 (9943538)		2.03
D59895 (9943539)		3.87
D59896 (9943540)		1.72
D59897 (9943541)		1.16
D59898 (9943542)		1.16
D59899 (9943543)		3.21
D59900 (9943544)		3.19
D59901 (9943545)		3.58
D59902 (9943546)		1.77
D59903 (9943547)		1.60
D59904 (9943548)		2.62
D59905 (9943549)		2.55
D59906 (9943550)		0.0600
D59907 (9943551)		1.20
D59908 (9943552)		1.23
D59909 (9943553)		2.94
D59910 (9943554)		1.59
D59911 (9943555)		1.82
D59912 (9943556)		1.86
D59913 (9943557)		1.25

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T443423

PROJECT: AGAT00549

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 04, 2019      DATE RECEIVED: Mar 05, 2019      DATE REPORTED: Mar 21, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg
D59914 (9943558)		2.05
D59915 (9943559)		1.08
D59916 (9943560)		0.840
D59917 (9943561)		1.33
D59918 (9943562)		1.33
D59919 (9943563)		1.87
D59920 (9943564)		3.51
D59921 (9943565)		1.03
D59922 (9943566)		1.94
D59923 (9943567)		1.52
D59924 (9943568)		2.95
D59925 (9943569)		3.50
D59926 (9943570)		0.0700
D59927 (9943571)		2.76
D59928 (9943572)		3.45
D59929 (9943573)		3.66
D59930 (9943574)		1.77
D59931 (9943575)		1.93
D59932 (9943576)		1.95
D59933 (9943577)		2.60
D59934 (9943578)		3.50
D59935 (9943579)		3.05
D59936 (9943580)		2.40
D59937 (9943581)		2.18
D59938 (9943582)		2.18
D59939 (9943583)		1.73
D59940 (9943584)		2.88
D59941 (9943585)		1.11
D59942 (9943586)		1.20
D59943 (9943587)		1.90
D59944 (9943588)		2.10

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T443423

PROJECT: AGAT00549

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 04, 2019	DATE RECEIVED: Mar 05, 2019	DATE REPORTED: Mar 21, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	
D59945 (9943589)		1.40
D59946 (9943590)		0.0700
D59947 (9943591)		2.42
D59948 (9943592)		2.54
D59949 (9943593)		1.85
D59950 (9943594)		1.35
D59951 (9943595)		3.18
D59952 (9943596)		2.02
D59953 (9943597)		1.06
D59954 (9943598)		2.18

Comments: RDL - Reported Detection Limit

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T443423

PROJECT: AGAT00549

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019	DATE RECEIVED: Mar 05, 2019							DATE REPORTED: Mar 21, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D59883 (9943527)	<0.5	2.70	3	61	0.5	<1	5.40	<0.5	2	15.2	353	5.7	2.38	17	
D59884 (9943528)	<0.5	7.80	<1	366	4.5	<1	9.74	<0.5	6	36.8	184	16.0	5.59	31	
D59885 (9943529)	<0.5	7.83	2	364	1.7	<1	7.82	<0.5	5	39.8	193	36.9	6.13	32	
D59886 (9943530)	3.5	3.75	14	214	0.9	<1	10.2	<0.5	17	5.7	12.0	72.8	1.93	14	
D59887 (9943531)	<0.5	7.35	<1	307	2.6	<1	7.72	<0.5	7	42.8	129	118	6.51	35	
D59888 (9943532)	<0.5	5.30	5	204	2.7	<1	10.6	<0.5	4	18.5	173	35.5	4.09	24	
D59889 (9943533)	<0.5	7.48	<1	429	3.9	<1	8.56	<0.5	11	40.9	157	81.2	6.07	36	
D59890 (9943534)	<0.5	3.18	<1	817	6.8	2	9.31	<0.5	138	52.9	781	93.2	7.70	37	
D59891 (9943535)	<0.5	8.71	<1	575	6.5	<1	7.24	<0.5	9	43.1	155	81.4	5.91	37	
D59892 (9943536)	<0.5	0.06	2	15	<0.5	<1	33.0	<0.5	<1	0.7	9.3	<0.5	0.10	12	
D59893 (9943537)	<0.5	8.26	<1	337	3.9	1	8.11	<0.5	8	42.3	153	93.6	5.74	34	
D59894 (9943538)	<0.5	7.37	4	227	6.4	<1	8.09	<0.5	7	41.7	172	496	7.69	40	
D59895 (9943539)	<0.5	8.44	1	476	3.4	<1	7.29	<0.5	7	40.3	196	75.8	5.91	35	
D59896 (9943540)	<0.5	7.69	<1	429	1.9	<1	8.35	<0.5	9	41.3	139	67.6	6.19	35	
D59897 (9943541)	<0.5	2.45	<1	636	6.7	6	10.3	<0.5	100	57.8	765	105	7.93	38	
D59898 (9943542)	<0.5	2.46	<1	643	7.1	11	10.7	<0.5	102	55.4	760	106	8.09	40	
D59899 (9943543)	<0.5	8.29	<1	442	2.9	<1	5.69	<0.5	18	36.7	130	49.9	6.00	36	
D59900 (9943544)	<0.5	8.23	<1	833	1.5	<1	7.20	<0.5	7	39.5	174	28.4	5.86	34	
D59901 (9943545)	<0.5	8.76	<1	344	1.6	<1	8.20	<0.5	6	41.1	179	42.3	6.02	33	
D59902 (9943546)	<0.5	8.24	<1	383	1.8	<1	7.30	<0.5	6	42.5	184	24.4	5.81	35	
D59903 (9943547)	<0.5	7.48	<1	495	2.0	<1	6.44	<0.5	6	37.2	189	2.9	5.40	34	
D59904 (9943548)	<0.5	8.43	<1	291	1.7	<1	7.72	<0.5	7	41.0	157	95.9	7.63	34	
D59905 (9943549)	<0.5	6.98	<1	263	2.2	<1	8.56	<0.5	20	43.5	227	249	8.30	37	
D59906 (9943550)	<0.5	7.20	8	82	1.7	<1	7.38	<0.5	8	38.7	203	155	7.22	36	
D59907 (9943551)	<0.5	8.90	3	330	1.7	<1	7.76	<0.5	7	44.9	151	49.3	7.02	37	
D59908 (9943552)	<0.5	7.62	<1	197	1.6	<1	9.07	<0.5	7	45.4	177	237	9.14	37	
D59909 (9943553)	<0.5	8.58	<1	171	1.8	<1	7.48	<0.5	7	46.5	149	73.7	6.21	35	
D59910 (9943554)	<0.5	8.04	2	169	2.0	<1	7.47	<0.5	8	46.5	152	101	6.87	34	
D59911 (9943555)	<0.5	8.09	<1	203	1.6	<1	7.18	<0.5	9	42.9	144	137	6.47	35	
D59912 (9943556)	<0.5	0.06	<1	16	<0.5	<1	32.5	<0.5	<1	0.8	11.6	<0.5	0.11	14	
D59913 (9943557)	<0.5	2.79	2	893	5.0	<1	9.23	<0.5	134	48.3	430	110	7.15	35	
D59914 (9943558)	<0.5	8.43	2	205	1.8	<1	6.45	<0.5	7	48.1	144	132	5.72	33	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T443423

PROJECT: AGAT00549

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019	DATE RECEIVED: Mar 05, 2019							DATE REPORTED: Mar 21, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D59915 (9943559)	<0.5	7.60	2	154	1.6	<1	6.79	<0.5	8	43.2	156	77.7	5.50	36	
D59916 (9943560)	<0.5	8.83	<1	270	1.6	7	7.16	<0.5	8	44.7	169	38.8	6.49	36	
D59917 (9943561)	<0.5	7.05	<1	235	1.7	3	9.25	<0.5	6	40.4	210	256	8.63	36	
D59918 (9943562)	<0.5	7.42	<1	251	1.6	<1	9.61	<0.5	6	38.6	222	247	8.65	36	
D59919 (9943563)	<0.5	8.03	<1	375	1.6	<1	8.29	<0.5	8	42.0	322	146	7.42	36	
D59920 (9943564)	<0.5	8.52	2	229	1.5	<1	7.37	<0.5	6	43.5	277	125	6.71	37	
D59921 (9943565)	<0.5	9.16	<1	200	1.7	<1	7.36	<0.5	7	51.6	336	64.9	6.90	37	
D59922 (9943566)	<0.5	8.19	3	136	1.5	<1	6.43	<0.5	6	46.0	309	53.1	5.51	34	
D59923 (9943567)	<0.5	9.27	2	325	1.7	1	6.01	<0.5	8	50.1	320	26.6	5.93	39	
D59924 (9943568)	<0.5	2.72	<1	705	5.7	2	7.41	<0.5	123	61.1	800	103	7.99	39	
D59925 (9943569)	<0.5	3.38	<1	885	7.0	7	9.29	<0.5	140	51.2	724	104	7.83	38	
D59926 (9943570)	<0.5	7.17	2	142	1.6	<1	6.73	<0.5	9	37.5	185	151	7.79	37	
D59927 (9943571)	<0.5	3.35	<1	763	6.1	<1	7.80	<0.5	125	56.8	725	113	8.02	37	
D59928 (9943572)	<0.5	8.57	2	182	1.9	<1	7.42	<0.5	7	46.2	279	120	6.10	32	
D59929 (9943573)	<0.5	8.64	6	128	1.8	<1	8.46	<0.5	7	48.7	326	164	6.52	34	
D59930 (9943574)	<0.5	9.25	2	166	1.6	<1	7.71	<0.5	9	46.9	342	114	6.69	35	
D59931 (9943575)	<0.5	7.80	3	213	1.6	<1	6.98	<0.5	21	33.1	237	480	5.60	33	
D59932 (9943576)	<0.5	0.07	1	13	<0.5	1	32.6	<0.5	<1	<0.5	4.7	<0.5	0.09	11	
D59933 (9943577)	<0.5	8.14	2	230	1.7	<1	8.66	<0.5	8	40.3	287	58.9	6.80	33	
D59934 (9943578)	<0.5	8.48	<1	190	1.8	<1	7.70	<0.5	7	42.3	287	34.9	6.80	35	
D59935 (9943579)	<0.5	8.53	<1	157	1.4	<1	7.80	<0.5	6	49.5	280	52.5	6.42	37	
D59936 (9943580)	<0.5	8.53	<1	163	1.5	1	8.72	<0.5	5	47.0	262	30.6	6.77	37	
D59937 (9943581)	<0.5	7.58	<1	146	1.5	<1	9.45	<0.5	5	45.4	244	7.8	6.64	36	
D59938 (9943582)	<0.5	7.62	2	148	1.3	<1	10.2	<0.5	5	43.4	207	7.0	6.62	36	
D59939 (9943583)	<0.5	8.12	<1	156	1.6	<1	8.34	<0.5	6	47.0	231	10.7	7.67	36	
D59940 (9943584)	<0.5	8.75	<1	201	1.7	<1	8.35	<0.5	6	52.4	262	132	7.36	39	
D59941 (9943585)	<0.5	8.80	<1	210	1.3	<1	8.19	<0.5	7	46.3	286	209	6.77	33	
D59942 (9943586)	<0.5	9.25	2	216	1.6	<1	8.30	<0.5	6	53.9	307	192	8.33	40	
D59943 (9943587)	<0.5	8.20	<1	199	1.3	<1	9.24	<0.5	6	45.3	275	218	6.67	32	
D59944 (9943588)	<0.5	8.36	<1	211	1.5	<1	8.47	<0.5	6	42.3	300	172	6.51	33	
D59945 (9943589)	<0.5	8.58	<1	167	1.7	<1	7.93	<0.5	6	48.2	277	133	6.92	37	
D59946 (9943590)	<0.5	7.16	9	81	1.9	<1	7.18	<0.5	8	38.9	210	153	7.17	38	

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## Certificate of Analysis

AGAT WORK ORDER: 19T443423

PROJECT: AGAT00549

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019	DATE RECEIVED: Mar 05, 2019							DATE REPORTED: Mar 21, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D59947 (9943591)	<0.5	7.82	3	140	2.6	1	10.4	<0.5	5	44.4	214	52.5	6.87	31	
D59948 (9943592)	<0.5	8.86	<1	254	2.4	<1	7.97	<0.5	6	50.2	258	88.9	7.13	39	
D59949 (9943593)	<0.5	8.78	<1	252	2.1	<1	9.12	<0.5	6	46.6	274	148	7.15	34	
D59950 (9943594)	<0.5	8.91	<1	210	2.1	<1	8.20	<0.5	7	49.5	281	113	6.61	37	
D59951 (9943595)	<0.5	8.68	<1	258	2.4	<1	6.98	<0.5	9	45.4	247	79.8	7.74	34	
D59952 (9943596)	<0.5	0.07	2	16	<0.5	<1	33.1	<0.5	<1	0.6	6.6	<0.5	0.10	13	
D59953 (9943597)	<0.5	7.82	7	980	3.2	<1	2.39	<0.5	363	12.8	227	17.7	4.82	38	
D59954 (9943598)	<0.5	8.55	2	327	3.1	<1	7.55	<0.5	17	44.1	287	99.4	7.28	36	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019	DATE RECEIVED: Mar 05, 2019					DATE REPORTED: Mar 21, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D59883 (9943527)	<1	0.19	<2	9	1.34	610	25.1	0.66	32.6	164	<20	<50	0.02	<1	
D59884 (9943528)	<1	0.69	3	52	3.44	1620	1.5	2.65	75.9	310	<20	<50	0.04	1	
D59885 (9943529)	<1	0.55	3	22	3.37	1850	5.5	2.04	63.6	229	<20	<50	0.03	<1	
D59886 (9943530)	<1	1.64	8	43	0.60	591	2.8	0.59	8.2	399	<20	<50	0.56	1	
D59887 (9943531)	<1	0.38	4	16	3.44	1810	3.5	2.15	54.7	287	<20	<50	0.11	4	
D59888 (9943532)	<1	0.22	3	20	2.20	1970	10.0	1.22	24.6	317	<20	<50	0.04	3	
D59889 (9943533)	<1	0.51	6	31	3.36	1760	4.7	2.02	57.7	345	<20	<50	0.08	<1	
D59890 (9943534)	<1	1.59	67	20	9.12	1570	3.4	0.78	408	2400	<20	<50	0.21	<1	
D59891 (9943535)	<1	0.55	5	24	3.41	1610	4.3	2.43	66.4	635	<20	<50	0.07	<1	
D59892 (9943536)	<1	0.01	3	<1	2.13	64	1.5	0.04	<0.5	77	<20	<50	<0.01	<1	
D59893 (9943537)	<1	0.47	4	24	3.30	1640	2.8	2.04	68.0	322	<20	<50	0.09	<1	
D59894 (9943538)	<1	0.34	4	22	3.03	2390	6.7	1.46	56.4	338	<20	<50	0.49	<1	
D59895 (9943539)	<1	0.46	3	27	3.71	1580	5.8	2.24	63.2	318	<20	<50	0.05	<1	
D59896 (9943540)	<1	0.87	5	27	3.77	1650	3.1	2.11	57.2	287	<20	<50	0.04	<1	
D59897 (9943541)	<1	1.59	46	23	8.40	1990	1.9	1.16	446	2300	<20	<50	0.21	<1	
D59898 (9943542)	<1	1.63	47	23	8.52	1980	0.9	1.21	457	2350	<20	<50	0.21	<1	
D59899 (9943543)	<1	0.81	7	39	4.86	1290	4.7	2.80	81.1	839	<20	<50	0.05	<1	
D59900 (9943544)	<1	0.62	4	32	4.23	1560	3.7	1.95	71.5	240	<20	<50	0.02	1	
D59901 (9943545)	<1	0.56	3	23	3.82	1610	2.6	2.11	71.1	241	<20	<50	0.02	<1	
D59902 (9943546)	<1	0.66	3	19	3.65	1520	3.6	2.34	69.2	247	<20	<50	0.08	2	
D59903 (9943547)	<1	0.75	3	19	3.11	1410	6.2	1.99	61.2	251	<20	<50	0.02	1	
D59904 (9943548)	<1	0.70	3	17	2.91	2270	3.9	2.14	72.3	246	<20	<50	0.09	1	
D59905 (9943549)	<1	0.70	9	20	3.14	2640	4.2	1.76	94.8	545	<20	<50	0.29	<1	
D59906 (9943550)	<1	0.24	4	13	4.27	1270	1.2	1.68	98.2	333	<20	<50	0.19	3	
D59907 (9943551)	<1	0.61	4	24	3.26	2020	3.0	2.45	77.0	302	<20	<50	0.06	3	
D59908 (9943552)	<1	0.34	3	18	3.30	3320	4.9	1.68	72.9	259	<20	<50	0.24	1	
D59909 (9943553)	<1	0.38	4	18	2.97	1720	2.6	2.60	82.0	267	<20	<50	0.07	<1	
D59910 (9943554)	<1	0.34	4	14	3.31	1910	2.2	2.43	72.2	267	<20	<50	0.08	<1	
D59911 (9943555)	<1	0.55	5	18	3.63	1720	2.3	2.67	72.0	390	<20	<50	0.10	<1	
D59912 (9943556)	<1	0.01	3	<1	2.81	64	1.3	0.04	1.0	76	<20	<50	<0.01	<1	
D59913 (9943557)	<1	2.23	61	60	8.33	1250	0.8	1.80	351	1470	<20	<50	0.13	<1	
D59914 (9943558)	<1	0.51	4	22	3.20	1540	2.5	3.00	87.8	277	<20	<50	0.07	2	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T443423

PROJECT: AGAT00549

5623 McADAM ROAD  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019	DATE RECEIVED: Mar 05, 2019					DATE REPORTED: Mar 21, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D59915 (9943559)	<1	0.38	4	18	2.97	1460	3.0	2.30	79.4	319	<20	<50	0.06	<1	
D59916 (9943560)	<1	0.41	4	14	3.28	1660	4.8	2.35	77.0	266	<20	<50	0.04	<1	
D59917 (9943561)	<1	0.44	4	21	3.39	2640	4.8	1.28	70.5	300	<20	<50	0.28	2	
D59918 (9943562)	<1	0.46	3	23	3.43	2680	6.5	1.34	62.3	242	<20	<50	0.25	2	
D59919 (9943563)	<1	0.61	4	19	3.16	1790	7.3	1.49	85.0	257	<20	<50	0.18	<1	
D59920 (9943564)	<1	0.41	4	24	3.54	1440	2.9	2.26	102	258	<20	<50	0.13	1	
D59921 (9943565)	<1	0.38	3	18	3.00	1660	4.5	2.23	119	278	<20	<50	0.07	1	
D59922 (9943566)	<1	0.32	3	24	2.89	1470	6.2	2.44	108	222	<20	<50	0.05	<1	
D59923 (9943567)	<1	0.61	5	40	4.20	1550	2.4	3.02	118	280	<20	<50	0.03	<1	
D59924 (9943568)	<1	1.34	59	14	11.4	1380	1.5	0.68	658	1800	<20	<50	0.19	<1	
D59925 (9943569)	<1	1.58	68	23	9.36	1320	2.0	0.95	406	1980	<20	<50	0.14	<1	
D59926 (9943570)	<1	0.20	4	12	4.17	1350	<0.5	2.30	81.8	359	<20	<50	0.14	<1	
D59927 (9943571)	<1	1.50	61	16	10.3	1370	1.8	0.97	518	1900	<20	<50	0.18	<1	
D59928 (9943572)	<1	0.62	4	23	2.54	1690	3.6	2.52	119	284	<20	<50	0.13	<1	
D59929 (9943573)	<1	0.43	4	17	2.32	2000	5.6	1.78	119	287	<20	<50	0.23	<1	
D59930 (9943574)	<1	0.46	5	17	2.84	1740	6.6	2.18	125	278	<20	<50	0.18	2	
D59931 (9943575)	<1	0.42	10	19	2.00	1110	10.4	2.09	62.8	286	<20	<50	0.75	<1	
D59932 (9943576)	<1	0.01	3	<1	2.16	50	0.9	0.04	0.6	80	<20	<50	<0.01	<1	
D59933 (9943577)	<1	0.47	4	19	3.15	1800	5.1	1.58	94.0	273	<20	<50	0.08	2	
D59934 (9943578)	<1	0.46	3	16	3.78	1360	4.3	2.01	105	248	<20	<50	0.04	<1	
D59935 (9943579)	<1	0.41	3	17	3.74	1460	2.9	1.99	138	252	<20	<50	0.05	<1	
D59936 (9943580)	<1	0.44	3	19	3.73	1570	2.1	1.65	128	234	<20	<50	0.03	<1	
D59937 (9943581)	<1	0.39	3	23	4.30	1830	2.3	1.53	128	236	<20	<50	<0.01	<1	
D59938 (9943582)	<1	0.38	3	23	4.43	1880	1.8	1.60	126	235	<20	<50	<0.01	<1	
D59939 (9943583)	<1	0.49	3	22	4.61	1810	1.5	1.71	134	207	<20	<50	0.01	2	
D59940 (9943584)	<1	0.51	3	17	3.11	1700	2.8	1.57	146	234	<20	<50	0.14	3	
D59941 (9943585)	<1	0.44	3	18	2.41	1970	4.9	1.28	129	239	<20	<50	0.23	<1	
D59942 (9943586)	<1	0.56	3	21	2.85	1800	2.7	1.49	151	246	<20	<50	0.22	<1	
D59943 (9943587)	<1	0.35	3	22	2.44	2010	5.5	1.11	119	263	<20	<50	0.25	<1	
D59944 (9943588)	<1	0.40	3	18	2.31	1770	6.2	1.18	123	236	<20	<50	0.19	<1	
D59945 (9943589)	<1	0.43	3	15	2.59	1460	3.5	1.46	136	242	<20	<50	0.16	1	
D59946 (9943590)	<1	0.24	4	13	4.23	1260	0.7	1.64	96.5	308	<20	<50	0.19	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T443423

PROJECT: AGAT00549

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019	DATE RECEIVED: Mar 05, 2019		DATE REPORTED: Mar 21, 2019				SAMPLE TYPE: Drill Core								
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D59947 (9943591)	<1	0.36	3	18	3.61	2010	1.2	1.61	121	221	<20	<50	0.06	<1	
D59948 (9943592)	<1	0.57	3	19	2.95	1700	1.9	2.17	145	240	<20	<50	0.10	2	
D59949 (9943593)	<1	0.38	3	15	2.47	2160	2.6	1.99	133	228	<20	<50	0.16	<1	
D59950 (9943594)	<1	0.42	3	16	2.59	1950	1.1	2.41	137	264	<20	<50	0.10	<1	
D59951 (9943595)	<1	0.68	5	24	3.39	2070	1.7	2.33	129	229	<20	<50	0.08	1	
D59952 (9943596)	<1	0.02	2	<1	2.03	50	1.3	0.04	<0.5	68	<20	<50	<0.01	<1	
D59953 (9943597)	<1	1.97	191	84	1.41	946	23.9	2.45	49.4	100	<20	<50	0.02	<1	
D59954 (9943598)	<1	0.67	8	23	2.47	2140	2.7	2.40	137	350	<20	<50	0.11	2	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019	DATE RECEIVED: Mar 05, 2019					DATE REPORTED: Mar 21, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D59883 (9943527)	11	<10	<5	56	<10	<10	<5	0.16	<5	<50	61.3	<1	6	30.3	
D59884 (9943528)	41	<10	<5	165	<10	<10	<5	0.45	<5	<50	252	<1	20	74.2	
D59885 (9943529)	42	<10	<5	154	<10	<10	<5	0.54	<5	<50	267	<1	16	81.9	
D59886 (9943530)	6	<10	<5	243	<10	<10	<5	0.19	<5	<50	60.7	<1	7	35.1	
D59887 (9943531)	50	<10	<5	119	<10	<10	<5	0.63	<5	<50	330	<1	23	83.6	
D59888 (9943532)	30	<10	6	101	<10	<10	<5	0.27	<5	<50	199	<1	17	53.5	
D59889 (9943533)	49	<10	6	152	<10	<10	<5	0.68	<5	<50	332	<1	21	78.0	
D59890 (9943534)	24	<10	<5	1040	<10	58	<5	1.74	<5	<50	283	1	21	78.0	
D59891 (9943535)	48	<10	6	202	<10	<10	<5	0.64	<5	<50	315	<1	20	99.9	
D59892 (9943536)	<1	<10	<5	72	<10	<10	<5	<0.01	<5	<50	1.4	1	2	3.0	
D59893 (9943537)	49	<10	<5	150	<10	<10	<5	0.64	<5	<50	315	<1	22	87.5	
D59894 (9943538)	42	<10	6	119	<10	10	<5	0.55	<5	<50	282	<1	20	79.5	
D59895 (9943539)	47	<10	<5	125	<10	<10	<5	0.63	<5	<50	312	<1	20	85.3	
D59896 (9943540)	46	<10	<5	142	<10	<10	<5	0.60	<5	<50	309	31	20	87.7	
D59897 (9943541)	20	<10	8	395	<10	59	<5	2.01	<5	<50	274	<1	21	73.8	
D59898 (9943542)	21	<10	6	418	<10	62	<5	2.03	<5	<50	279	<1	21	73.6	
D59899 (9943543)	37	<10	<5	192	<10	<10	<5	0.50	<5	<50	236	290	32	71.3	
D59900 (9943544)	42	<10	<5	180	<10	<10	<5	0.52	<5	<50	264	<1	17	76.8	
D59901 (9943545)	43	<10	<5	153	<10	<10	<5	0.55	5	<50	268	<1	18	82.7	
D59902 (9943546)	44	<10	<5	119	<10	<10	<5	0.54	<5	<50	273	<1	18	86.1	
D59903 (9943547)	42	<10	<5	102	<10	<10	<5	0.55	<5	<50	259	<1	17	78.3	
D59904 (9943548)	46	<10	<5	143	<10	<10	<5	0.62	<5	<50	293	<1	21	89.0	
D59905 (9943549)	42	<10	<5	190	<10	<10	<5	0.62	<5	<50	273	<1	22	87.6	
D59906 (9943550)	43	<10	<5	176	<10	<10	<5	0.59	<5	<50	286	<1	20	72.4	
D59907 (9943551)	49	<10	<5	169	<10	<10	<5	0.66	<5	<50	317	<1	20	83.7	
D59908 (9943552)	44	<10	<5	110	<10	<10	<5	0.56	<5	<50	281	<1	22	95.6	
D59909 (9943553)	47	<10	<5	181	<10	<10	<5	0.62	<5	<50	308	<1	22	80.2	
D59910 (9943554)	46	<10	<5	167	<10	<10	<5	0.59	<5	<50	302	<1	22	84.8	
D59911 (9943555)	49	<10	5	175	<10	<10	<5	0.62	<5	<50	319	<1	22	85.4	
D59912 (9943556)	<1	<10	5	68	<10	<10	<5	<0.01	<5	<50	1.4	2	2	3.4	
D59913 (9943557)	22	<10	<5	712	<10	45	<5	1.38	<5	<50	235	<1	17	64.7	
D59914 (9943558)	47	<10	<5	183	<10	10	<5	0.60	<5	<50	308	<1	19	80.2	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T443423

PROJECT: AGAT00549

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019	DATE RECEIVED: Mar 05, 2019					DATE REPORTED: Mar 21, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D59915 (9943559)	44	<10	<5	147	<10	10	<5	0.57	<5	<50	294	<1	19	79.2	
D59916 (9943560)	48	<10	<5	132	<10	<10	<5	0.66	<5	<50	316	<1	20	80.7	
D59917 (9943561)	40	<10	6	96	<10	<10	<5	0.53	<5	<50	284	<1	20	106	
D59918 (9943562)	40	<10	7	103	<10	<10	<5	0.53	<5	<50	280	<1	20	108	
D59919 (9943563)	45	<10	<5	128	<10	<10	<5	0.61	<5	<50	288	<1	22	110	
D59920 (9943564)	44	<10	<5	119	<10	<10	<5	0.59	<5	<50	283	<1	20	91.4	
D59921 (9943565)	49	<10	<5	147	<10	<10	<5	0.63	<5	<50	318	<1	22	102	
D59922 (9943566)	43	<10	<5	122	<10	<10	<5	0.57	<5	<50	276	<1	19	84.3	
D59923 (9943567)	48	<10	<5	169	<10	<10	<5	0.64	<5	<50	309	<1	21	93.4	
D59924 (9943568)	20	<10	<5	610	<10	54	<5	1.62	<5	<50	231	<1	18	70.5	
D59925 (9943569)	23	<10	6	669	<10	57	<5	1.68	<5	<50	236	<1	20	71.1	
D59926 (9943570)	44	<10	<5	113	<10	15	<5	0.68	<5	<50	305	<1	22	75.9	
D59927 (9943571)	21	<10	7	695	<10	52	<5	1.60	<5	<50	239	<1	19	73.7	
D59928 (9943572)	46	<10	<5	157	<10	<10	<5	0.60	<5	<50	292	<1	20	82.7	
D59929 (9943573)	45	<10	<5	131	<10	<10	<5	0.60	<5	<50	291	<1	21	75.4	
D59930 (9943574)	46	<10	6	126	<10	11	<5	0.65	<5	<50	304	<1	21	192	
D59931 (9943575)	26	<10	<5	149	<10	<10	<5	0.43	<5	<50	174	<1	17	199	
D59932 (9943576)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	3.3	
D59933 (9943577)	43	<10	<5	128	<10	<10	<5	0.58	<5	<50	268	<1	20	119	
D59934 (9943578)	43	<10	6	126	<10	<10	<5	0.58	<5	<50	275	<1	18	94.7	
D59935 (9943579)	43	<10	<5	108	<10	<10	<5	0.55	<5	<50	281	<1	19	88.7	
D59936 (9943580)	42	<10	<5	105	<10	<10	<5	0.55	<5	<50	269	<1	19	92.6	
D59937 (9943581)	36	<10	6	99	<10	<10	<5	0.46	<5	<50	246	<1	18	83.4	
D59938 (9943582)	35	<10	<5	106	<10	<10	<5	0.45	<5	<50	233	<1	17	85.5	
D59939 (9943583)	37	<10	<5	100	<10	<10	<5	0.51	<5	<50	248	<1	18	98.3	
D59940 (9943584)	45	<10	<5	118	<10	12	<5	0.58	<5	<50	292	<1	21	90.2	
D59941 (9943585)	42	<10	<5	116	<10	<10	<5	0.56	<5	<50	264	<1	21	73.8	
D59942 (9943586)	49	<10	<5	112	<10	<10	<5	0.63	<5	<50	317	<1	24	99.6	
D59943 (9943587)	39	<10	6	115	<10	<10	<5	0.53	<5	<50	252	<1	20	73.4	
D59944 (9943588)	41	<10	6	118	<10	<10	<5	0.55	<5	<50	259	<1	20	69.7	
D59945 (9943589)	42	<10	<5	109	<10	<10	<5	0.56	<5	<50	281	<1	19	78.7	
D59946 (9943590)	43	<10	<5	171	<10	<10	<5	0.59	<5	<50	286	<1	20	69.2	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T443423

PROJECT: AGAT00549

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019	DATE RECEIVED: Mar 05, 2019					DATE REPORTED: Mar 21, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Sample ID (AGAT ID)															
D59947 (9943591)	37	<10	5	112	<10	<10	<5	0.48	<5	<50	241	<1	19	84.8	
D59948 (9943592)	44	<10	<5	122	<10	<10	<5	0.56	<5	<50	284	<1	20	86.8	
D59949 (9943593)	43	<10	<5	103	<10	<10	<5	0.57	<5	<50	278	<1	21	83.0	
D59950 (9943594)	44	<10	6	105	<10	<10	<5	0.58	<5	<50	283	<1	21	80.8	
D59951 (9943595)	41	<10	5	92	<10	<10	<5	0.58	<5	<50	265	<1	20	98.8	
D59952 (9943596)	<1	<10	<5	73	<10	<10	<5	<0.01	6	<50	1.4	1	2	4.7	
D59953 (9943597)	12	<10	<5	217	<10	13	44	0.57	<5	<50	108	<1	11	123	
D59954 (9943598)	43	<10	<5	155	<10	<10	<5	0.63	<5	<50	276	<1	23	98.5	

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T443423

PROJECT: AGAT00549

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019

DATE RECEIVED: Mar 05, 2019

DATE REPORTED: Mar 21, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D59883 (9943527)				6
D59884 (9943528)				57
D59885 (9943529)				15
D59886 (9943530)				50
D59887 (9943531)				21
D59888 (9943532)				11
D59889 (9943533)				24
D59890 (9943534)				251
D59891 (9943535)				18
D59892 (9943536)				<5
D59893 (9943537)				22
D59894 (9943538)				15
D59895 (9943539)				34
D59896 (9943540)				21
D59897 (9943541)				229
D59898 (9943542)				226
D59899 (9943543)				102
D59900 (9943544)				13
D59901 (9943545)				13
D59902 (9943546)				15
D59903 (9943547)				14
D59904 (9943548)				15
D59905 (9943549)				39
D59906 (9943550)				48
D59907 (9943551)				19
D59908 (9943552)				15
D59909 (9943553)				17
D59910 (9943554)				20
D59911 (9943555)				26
D59912 (9943556)				<5
D59913 (9943557)				226
D59914 (9943558)				21

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T443423

PROJECT: AGAT00549

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019

DATE RECEIVED: Mar 05, 2019

DATE REPORTED: Mar 21, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Zr
	Unit:	ppm
	RDL:	5
D59915 (9943559)		16
D59916 (9943560)		14
D59917 (9943561)		13
D59918 (9943562)		12
D59919 (9943563)		14
D59920 (9943564)		12
D59921 (9943565)		14
D59922 (9943566)		15
D59923 (9943567)		13
D59924 (9943568)		210
D59925 (9943569)		220
D59926 (9943570)		54
D59927 (9943571)		197
D59928 (9943572)		16
D59929 (9943573)		15
D59930 (9943574)		14
D59931 (9943575)		22
D59932 (9943576)		<5
D59933 (9943577)		14
D59934 (9943578)		15
D59935 (9943579)		14
D59936 (9943580)		13
D59937 (9943581)		13
D59938 (9943582)		13
D59939 (9943583)		15
D59940 (9943584)		14
D59941 (9943585)		12
D59942 (9943586)		14
D59943 (9943587)		12
D59944 (9943588)		14
D59945 (9943589)		13
D59946 (9943590)		48

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T443423

PROJECT: AGAT00549

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019

DATE RECEIVED: Mar 05, 2019

DATE REPORTED: Mar 21, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D59947 (9943591)	12
D59948 (9943592)	14
D59949 (9943593)	13
D59950 (9943594)	13
D59951 (9943595)	16
D59952 (9943596)	<5
D59953 (9943597)	291
D59954 (9943598)	31

Comments: RDL - Reported Detection Limit

9943527-9943598 As, Sb values may be low due to digestion losses.

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T443423

PROJECT: AGAT00549

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 04, 2019      DATE RECEIVED: Mar 05, 2019      DATE REPORTED: Mar 21, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D59883 (9943527)		0.009	
D59884 (9943528)		0.004	
D59885 (9943529)		0.004	
D59886 (9943530)		2.57	
D59887 (9943531)		0.005	
D59888 (9943532)		0.002	
D59889 (9943533)		0.001	
D59890 (9943534)		0.002	
D59891 (9943535)		0.003	
D59892 (9943536)		0.001	
D59893 (9943537)		0.004	
D59894 (9943538)		0.007	
D59895 (9943539)		0.006	
D59896 (9943540)		0.001	
D59897 (9943541)		0.001	
D59898 (9943542)		0.001	
D59899 (9943543)		0.004	
D59900 (9943544)		0.002	
D59901 (9943545)		0.008	
D59902 (9943546)		0.008	
D59903 (9943547)		0.009	
D59904 (9943548)		0.002	
D59905 (9943549)		0.005	
D59906 (9943550)		1.27	
D59907 (9943551)		0.002	
D59908 (9943552)		0.004	
D59909 (9943553)		0.017	
D59910 (9943554)		0.002	
D59911 (9943555)		0.005	
D59912 (9943556)		0.005	
D59913 (9943557)		0.005	
D59914 (9943558)		0.003	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T443423

PROJECT: AGAT00549

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 04, 2019      DATE RECEIVED: Mar 05, 2019      DATE REPORTED: Mar 21, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D59915 (9943559)			0.005
D59916 (9943560)			0.006
D59917 (9943561)			0.003
D59918 (9943562)			0.005
D59919 (9943563)			0.005
D59920 (9943564)			0.002
D59921 (9943565)			0.005
D59922 (9943566)			0.002
D59923 (9943567)			0.010
D59924 (9943568)			0.016
D59925 (9943569)			0.006
D59926 (9943570)			0.527
D59927 (9943571)			0.014
D59928 (9943572)			0.005
D59929 (9943573)			0.005
D59930 (9943574)			0.003
D59931 (9943575)			0.008
D59932 (9943576)			<0.001
D59933 (9943577)			0.012
D59934 (9943578)			0.009
D59935 (9943579)			0.003
D59936 (9943580)			0.004
D59937 (9943581)			0.010
D59938 (9943582)			0.002
D59939 (9943583)			0.002
D59940 (9943584)			0.003
D59941 (9943585)			0.002
D59942 (9943586)			0.002
D59943 (9943587)			0.003
D59944 (9943588)			0.123
D59945 (9943589)			0.002
D59946 (9943590)			1.21

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T443423

PROJECT: AGAT00549

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 04, 2019	DATE RECEIVED: Mar 05, 2019	DATE REPORTED: Mar 21, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au	ppm	0.001	
D59947 (9943591)				0.002
D59948 (9943592)				0.002
D59949 (9943593)				0.052
D59950 (9943594)				0.002
D59951 (9943595)				0.036
D59952 (9943596)				<0.001
D59953 (9943597)				0.013
D59954 (9943598)				0.002

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T443423

PROJECT: AGAT00549

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 04, 2019	DATE RECEIVED: Mar 05, 2019	DATE REPORTED: Mar 21, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D59883 (9943527)		84
D59902 (9943546)		83
D59922 (9943566)		81
D59934 (9943578)		83
D59942 (9943586)		85

Comments: RDL - Reported Detection Limit

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	9943527	< 0.5	< 0.5	0.0%	9943541	< 0.5	< 0.5	0.0%	9943552	< 0.5	< 0.5	0.0%	9943566	< 0.5	< 0.5	0.0%
Al	9943527	2.70	3.00	10.5%	9943541	2.45	2.36	3.7%	9943552	7.62	7.67	0.7%	9943566	8.19	8.10	1.1%
As	9943527	3	1		9943541	< 1	< 1	0.0%	9943552	< 1	< 1	0.0%	9943566	3	2	
Ba	9943527	61	62	1.6%	9943541	636	619	2.7%	9943552	197	202	2.5%	9943566	136	134	1.5%
Be	9943527	0.52	0.67	25.2%	9943541	6.7	6.6	1.5%	9943552	1.62	1.43	12.5%	9943566	1.48	1.30	12.9%
Bi	9943527	< 1	< 1	0.0%	9943541	6	< 1		9943552	< 1	< 1	0.0%	9943566	< 1	< 1	0.0%
Ca	9943527	5.40	4.99	7.9%	9943541	10.3	10.1	2.0%	9943552	9.07	9.37	3.3%	9943566	6.43	6.46	0.5%
Cd	9943527	< 0.5	< 0.5	0.0%	9943541	< 0.5	< 0.5	0.0%	9943552	< 0.5	< 0.5	0.0%	9943566	< 0.5	< 0.5	0.0%
Ce	9943527	2	3		9943541	100	100	0.0%	9943552	7	7	0.0%	9943566	6	6	0.0%
Co	9943527	15.2	18.1	17.4%	9943541	57.8	59.2	2.4%	9943552	45.4	42.8	5.9%	9943566	46.0	47.0	2.2%
Cr	9943527	353	380	7.4%	9943541	765	760	0.7%	9943552	177	167	5.8%	9943566	309	299	3.3%
Cu	9943527	5.7	5.1	11.1%	9943541	105	101	3.9%	9943552	237	236	0.4%	9943566	53.1	54.4	2.4%
Fe	9943527	2.38	2.76	14.8%	9943541	7.93	7.70	2.9%	9943552	9.14	9.34	2.2%	9943566	5.51	5.44	1.3%
Ga	9943527	17	17	0.0%	9943541	38	40	5.1%	9943552	37	36	2.7%	9943566	34	31	9.2%
In	9943527	< 1	< 1	0.0%	9943541	< 1	< 1	0.0%	9943552	< 1	< 1	0.0%	9943566	< 1	< 1	0.0%
K	9943527	0.19	0.20	5.1%	9943541	1.59	1.54	3.2%	9943552	0.34	0.34	0.0%	9943566	0.32	0.32	0.0%
La	9943527	< 2	< 2	0.0%	9943541	46	48	4.3%	9943552	3	4	28.6%	9943566	3	3	0.0%
Li	9943527	9	10	10.5%	9943541	23	22	4.4%	9943552	18	18	0.0%	9943566	24	24	0.0%
Mg	9943527	1.34	1.42	5.8%	9943541	8.40	8.11	3.5%	9943552	3.30	3.24	1.8%	9943566	2.89	2.84	1.7%
Mn	9943527	610	719	16.4%	9943541	1990	1910	4.1%	9943552	3320	3390	2.1%	9943566	1470	1450	1.4%
Mo	9943527	25.1	26.6	5.8%	9943541	1.94	1.74	10.9%	9943552	4.9	4.5	8.5%	9943566	6.2	5.3	15.7%
Na	9943527	0.66	0.70	5.9%	9943541	1.16	1.14	1.7%	9943552	1.68	1.75	4.1%	9943566	2.44	2.46	0.8%
Ni	9943527	32.6	34.2	4.8%	9943541	446	464	4.0%	9943552	72.9	64.9	11.6%	9943566	108	110	1.8%
P	9943527	164	160	2.5%	9943541	2300	2320	0.9%	9943552	259	229	12.3%	9943566	222	235	5.7%
Pb	9943527	< 20	< 20	0.0%	9943541	< 20	< 20	0.0%	9943552	< 20	< 20	0.0%	9943566	< 20	< 20	0.0%
Rb	9943527	< 50	< 50	0.0%	9943541	< 50	< 50	0.0%	9943552	< 50	< 50	0.0%	9943566	< 50	< 50	0.0%
S	9943527	0.02	0.02	0.0%	9943541	0.21	0.20	4.9%	9943552	0.240	0.224	6.9%	9943566	0.055	0.056	1.8%
Sb	9943527	< 1	< 1	0.0%	9943541	< 1	< 1	0.0%	9943552	1	5		9943566	< 1	< 1	0.0%
Sc	9943527	11	12	8.7%	9943541	20	21	4.9%	9943552	44	43	2.3%	9943566	43	43	0.0%
Se	9943527	< 10	< 10	0.0%	9943541	< 10	< 10	0.0%	9943552	< 10	< 10	0.0%	9943566	< 10	< 10	0.0%
Sn	9943527	< 5	< 5	0.0%	9943541	8	< 5		9943552	5	5	0.0%	9943566	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	9943527	56	55	1.8%	9943541	395	387	2.0%	9943552	110	115	4.4%	9943566	122	123	0.8%
Ta	9943527	< 10	< 10	0.0%	9943541	< 10	< 10	0.0%	9943552	< 10	< 10	0.0%	9943566	< 10	< 10	0.0%
Te	9943527	< 10	< 10	0.0%	9943541	59	65	9.7%	9943552	8	10	22.2%	9943566	< 10	< 10	0.0%
Th	9943527	< 5	< 5	0.0%	9943541	< 5	< 5	0.0%	9943552	< 5	< 5	0.0%	9943566	< 5	< 5	0.0%
Ti	9943527	0.159	0.186	15.7%	9943541	2.01	1.93	4.1%	9943552	0.558	0.554	0.7%	9943566	0.567	0.560	1.2%
Tl	9943527	< 5	< 5	0.0%	9943541	< 5	< 5	0.0%	9943552	< 5	< 5	0.0%	9943566	< 5	< 5	0.0%
U	9943527	< 50	< 50	0.0%	9943541	< 50	< 50	0.0%	9943552	< 50	< 50	0.0%	9943566	< 50	< 50	0.0%
V	9943527	61.3	70.3	13.7%	9943541	274	280	2.2%	9943552	281	274	2.5%	9943566	276	277	0.4%
W	9943527	< 1	< 1	0.0%	9943541	< 1	3		9943552	< 1	< 1	0.0%	9943566	< 1	< 1	0.0%
Y	9943527	6	7	15.4%	9943541	21	21	0.0%	9943552	22	22	0.0%	9943566	19	19	0.0%
Zn	9943527	30.3	37.0	19.9%	9943541	73.8	70.5	4.6%	9943552	95.6	94.6	1.1%	9943566	84.3	85.6	1.5%
Zr	9943527	6	6	0.0%	9943541	229	226	1.3%	9943552	15	14	6.9%	9943566	15	17	12.5%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	9943577	< 0.5	< 0.5	0.0%	9943591	< 0.5	< 0.5	0.0%								
Al	9943577	8.14	7.95	2.4%	9943591	7.82	7.67	1.9%								
As	9943577	2	5		9943591	3	< 1									
Ba	9943577	230	227	1.3%	9943591	140	136	2.9%								
Be	9943577	1.7	1.5	12.5%	9943591	2.6	2.7	3.8%								
Bi	9943577	< 1	< 1	0.0%	9943591	1	< 1									
Ca	9943577	8.66	8.45	2.5%	9943591	10.4	9.94	4.5%								
Cd	9943577	< 0.5	< 0.5	0.0%	9943591	< 0.5	< 0.5	0.0%								
Ce	9943577	8	7	13.3%	9943591	5	5	0.0%								
Co	9943577	40.3	39.6	1.8%	9943591	44.4	46.2	4.0%								
Cr	9943577	287	282	1.8%	9943591	214	214	0.0%								
Cu	9943577	58.9	54.8	7.2%	9943591	52.5	51.4	2.1%								
Fe	9943577	6.80	6.50	4.5%	9943591	6.87	6.72	2.2%								
Ga	9943577	33	35	5.9%	9943591	31	35	12.1%								
In	9943577	< 1	< 1	0.0%	9943591	< 1	< 1	0.0%								
K	9943577	0.472	0.463	1.9%	9943591	0.36	0.35	2.8%								
La	9943577	4	4	0.0%	9943591	3	4	28.6%								
Li	9943577	19	19	0.0%	9943591	18	17	5.7%								
Mg	9943577	3.15	3.09	1.9%	9943591	3.61	3.53	2.2%								
Mn	9943577	1800	1660	8.1%	9943591	2010	1970	2.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

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Mo	9943577	5.14	3.83	29.2%	9943591	1.24	1.34	7.8%								
Na	9943577	1.58	1.61	1.9%	9943591	1.61	1.54	4.4%								
Ni	9943577	94.0	91.8	2.4%	9943591	121	122	0.8%								
P	9943577	273	273	0.0%	9943591	221	221	0.0%								
Pb	9943577	< 20	< 20	0.0%	9943591	< 20	< 20	0.0%								
Rb	9943577	< 50	< 50	0.0%	9943591	< 50	< 50	0.0%								
S	9943577	0.08	0.08	0.0%	9943591	0.06	0.06	0.0%								
Sb	9943577	2	< 1		9943591	< 1	2									
Sc	9943577	43	42	2.4%	9943591	37	37	0.0%								
Se	9943577	< 10	< 10	0.0%	9943591	< 10	< 10	0.0%								
Sn	9943577	< 5	7		9943591	5	5	0.0%								
Sr	9943577	128	129	0.8%	9943591	112	107	4.6%								
Ta	9943577	< 10	< 10	0.0%	9943591	< 10	< 10	0.0%								
Te	9943577	< 10	< 10	0.0%	9943591	< 10	< 10	0.0%								
Th	9943577	< 5	< 5	0.0%	9943591	< 5	< 5	0.0%								
Ti	9943577	0.577	0.551	4.6%	9943591	0.48	0.48	0.0%								
Tl	9943577	< 5	< 5	0.0%	9943591	< 5	< 5	0.0%								
U	9943577	< 50	< 50	0.0%	9943591	< 50	< 50	0.0%								
V	9943577	268	263	1.9%	9943591	241	241	0.0%								
W	9943577	< 1	< 1	0.0%	9943591	< 1	< 1	0.0%								
Y	9943577	20	19	5.1%	9943591	19	19	0.0%								
Zn	9943577	119	116	2.6%	9943591	84.8	79.7	6.2%								
Zr	9943577	14	14	0.0%	9943591	12	13	8.0%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	9943527	0.009	0.004		9943541	0.001	0.001	0.0%	9943552	0.004	0.018		9943566	0.002	0.005	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	9943577	0.012	0.006		9943591	0.002	0.002	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.62	97%	90% - 110%	8.17	8.16	100%	90% - 110%	6.96	6.53	94%	90% - 110%	10.95	11.01	101%	90% - 110%
As					26	25	95%	90% - 110%	124	118	95%	90% - 110%				
Ba	340	314	92%	90% - 110%	540	498	92%	90% - 110%	186	170	91%	90% - 110%	340	327	96%	90% - 110%
Be	2.6	2.7	103%	90% - 110%	4.0	4.1	102%	90% - 110%					2.6	2.6	99%	90% - 110%
Ca	5.72	5.44	95%	90% - 110%	0.907	0.881	97%	90% - 110%	4.01	3.66	91%	90% - 110%	5.72	5.64	99%	90% - 110%
Ce	122	125	103%	90% - 110%	98	105	107%	90% - 110%	24	23	98%	90% - 110%	122	125	102%	90% - 110%
Co									22.1	20.5	93%	90% - 110%				
Cr					60.3	58.7	97%	90% - 110%								
Cu					150	149	99%	90% - 110%	88.6	79.9	90%	90% - 110%	7	6	85%	90% - 110%
Fe	4.34	3.97	91%	90% - 110%	3.77	3.66	97%	90% - 110%	7.56	6.9	91%	90% - 110%	4.34	4.09	94%	90% - 110%
Ga	35	37	106%	90% - 110%									35	36	102%	90% - 110%
K	1.37	1.39	102%	90% - 110%					2.021	1.94	96%	90% - 110%	1.37	1.45	105%	90% - 110%
La	58	55	94%	90% - 110%	44	43	97%	90% - 110%					58	53	91%	90% - 110%
Li	37	37	101%	90% - 110%	47	47	100%	90% - 110%					37	39	105%	90% - 110%
Mg	0.325	0.3	92%	90% - 110%	1.10	1.05	96%	90% - 110%	2.412	2.251	93%	90% - 110%	0.325	0.31	95%	90% - 110%
Mn					780	742	95%	90% - 110%	1510	1367	91%	90% - 110%				
Mo					14	12	88%	90% - 110%								
Na	5.267	5.349	102%	90% - 110%	1.624	1.683	104%	90% - 110%	0.617	0.59	96%	90% - 110%	5.267	5.428	103%	90% - 110%
Ni					32	31	96%	90% - 110%	77.1	70.1	91%	90% - 110%				
P					750	694	92%	90% - 110%	892	820	92%	90% - 110%				
Pb					31	30	98%	90% - 110%								
S									0.348	0.313	90%	90% - 110%				
Sb					0.8	0.9	108%	90% - 110%								
Sc					12	12	101%	90% - 110%								
Sr	1191	1178	99%	90% - 110%	144	151	105%	90% - 110%	92.8	84.3	91%	90% - 110%	1191	1197	100%	90% - 110%
Ta					1.9	2.3	119%	90% - 110%								
Ti	0.172	0.167	97%	90% - 110%	0.53	0.49	92%	90% - 110%					0.172	0.175	102%	90% - 110%
V	8	7	87%	90% - 110%	77	78	102%	90% - 110%					8	7	87%	90% - 110%
Y	119	120	101%	90% - 110%									119	120	101%	90% - 110%
Zn	93	89	96%	90% - 110%	130	119	91%	90% - 110%	208	194	93%	90% - 110%	93	89	96%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Parameter	CRM #1 (ref.GSP5G)				CRM #2 (ref.1P5Q)				CRM #3 (ref.GSP7M)				CRM #4 (ref.GS6E)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.562	0.565	101%	90% - 110%	1.329	1.405	106%	90% - 110%	0.725	0.744	103%	90% - 110%	6.06	6.1	101%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00549  
 SAMPLING SITE:

AGAT WORK ORDER: 19T443423  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00550

AGAT WORK ORDER: 19T443446

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Mar 20, 2019

PAGES (INCLUDING COVER): 10

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

# Certificate of Analysis

AGAT WORK ORDER: 19T443446

PROJECT: AGAT00550

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (200-) Sample Login Weight

DATE SAMPLED: Mar 04, 2019

DATE RECEIVED: Mar 05, 2019

DATE REPORTED: Mar 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D59955 (9943673)		1.83
D59956 (9943674)		1.45
D59957 (9943675)		3.40
D59958 (9943676)		3.40
D59959 (9943677)		3.25
D59960 (9943678)		3.32
D59961 (9943679)		2.07

Comments: RDL - Reported Detection Limit

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T443446

PROJECT: AGAT00550

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019	DATE RECEIVED: Mar 05, 2019					DATE REPORTED: Mar 20, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Sample ID (AGAT ID)															
D59955 (9943673)	<0.5	2.93	2	1040	6.1	2	12.1	<0.5	250	43.0	356	141	9.36	43	
D59956 (9943674)	<0.5	8.63	<1	263	1.7	1	6.97	<0.5	14	40.7	137	76.4	7.60	33	
D59957 (9943675)	<0.5	8.74	<1	186	1.1	<1	7.56	<0.5	5	48.5	169	117	8.35	35	
D59958 (9943676)	<0.5	8.90	<1	187	1.2	<1	7.62	<0.5	5	48.5	170	120	8.30	37	
D59959 (9943677)	<0.5	8.45	<1	165	1.2	<1	7.66	<0.5	5	50.6	181	117	7.90	35	
D59960 (9943678)	<0.5	9.03	3	246	3.9	<1	8.40	<0.5	8	49.3	167	91.3	8.33	41	
D59961 (9943679)	0.7	7.27	<1	2390	1.3	<1	1.44	<0.5	13	1.3	16.3	2.7	2.11	23	
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
Sample ID (AGAT ID)															
D59955 (9943673)	<1	1.89	114	26	7.22	1660	2.0	0.95	253	4220	24	<50	0.23	<1	
D59956 (9943674)	<1	0.80	8	40	2.24	2670	<0.5	2.60	124	310	<20	<50	0.09	2	
D59957 (9943675)	<1	0.45	3	13	2.54	2470	<0.5	2.19	134	253	<20	<50	0.12	<1	
D59958 (9943676)	<1	0.46	3	14	2.54	2480	<0.5	2.24	138	248	<20	<50	0.11	5	
D59959 (9943677)	<1	0.33	3	13	2.27	2410	<0.5	1.96	153	259	<20	<50	0.11	3	
D59960 (9943678)	<1	0.47	5	17	2.46	2600	<0.5	2.01	149	260	<20	<50	0.09	5	
D59961 (9943679)	<1	3.00	6	35	0.48	217	20.4	2.53	6.4	50	<20	<50	<0.01	2	
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Sample ID (AGAT ID)															
D59955 (9943673)	24	<10	7	1240	<10	88	<5	1.88	<5	<50	293	<1	35	98.9	
D59956 (9943674)	36	<10	<5	174	<10	21	<5	0.53	<5	<50	234	<1	23	103	
D59957 (9943675)	41	<10	<5	114	<10	22	<5	0.54	<5	<50	277	2	20	87.6	
D59958 (9943676)	41	<10	<5	117	<10	17	<5	0.53	<5	<50	278	<1	20	88.6	
D59959 (9943677)	42	<10	<5	100	<10	20	<5	0.53	<5	<50	283	2	20	82.7	
D59960 (9943678)	43	<10	<5	107	<10	23	<5	0.56	<5	<50	275	3	21	90.2	
D59961 (9943679)	3	<10	<5	339	<10	<10	<5	0.21	<5	<50	23.3	<1	2	58.9	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T443446

PROJECT: AGAT00550

5623 McADAM ROAD  
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CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 04, 2019

DATE RECEIVED: Mar 05, 2019

DATE REPORTED: Mar 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D59955 (9943673)	97
D59956 (9943674)	23
D59957 (9943675)	12
D59958 (9943676)	13
D59959 (9943677)	14
D59960 (9943678)	15
D59961 (9943679)	279

Comments: RDL - Reported Detection Limit

9943673-9943679 As, Sb values may be low due to digestion losses.

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T443446

PROJECT: AGAT00550

5623 McADAM ROAD  
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 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 04, 2019      DATE RECEIVED: Mar 05, 2019      DATE REPORTED: Mar 20, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D59955 (9943673)			0.002
D59956 (9943674)			0.003
D59957 (9943675)			0.003
D59958 (9943676)			0.004
D59959 (9943677)			0.002
D59960 (9943678)			0.003
D59961 (9943679)			0.005

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T443446

PROJECT: AGAT00550

5623 McADAM ROAD  
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CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 04, 2019

DATE RECEIVED: Mar 05, 2019

DATE REPORTED: Mar 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL:
D59955 (9943673)	82

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	9943673	< 0.5	< 0.5	0.0%	9943679	0.7	0.7	0.0%				
Al	9943673	2.93	3.05	4.0%	9943679	7.27	7.21	0.8%				
As	9943673	2	< 1		9943679	< 1	1					
Ba	9943673	1040	1070	2.8%	9943679	2390	2320	3.0%				
Be	9943673	6.1	6.9	12.3%	9943679	1.3	1.3	0.0%				
Bi	9943673	2	2	0.0%	9943679	< 1	< 1	0.0%				
Ca	9943673	12.1	12.1	0.0%	9943679	1.44	1.42	1.4%				
Cd	9943673	< 0.5	< 0.5	0.0%	9943679	< 0.5	< 0.5	0.0%				
Ce	9943673	250	257	2.8%	9943679	13	16	20.7%				
Co	9943673	43.0	43.0	0.0%	9943679	1.34	1.45	7.9%				
Cr	9943673	356	365	2.5%	9943679	16.3	17.5	7.1%				
Cu	9943673	141	139	1.4%	9943679	2.7	1.9	34.8%				
Fe	9943673	9.36	9.47	1.2%	9943679	2.11	2.08	1.4%				
Ga	9943673	43	44	2.3%	9943679	23	25	8.3%				
In	9943673	< 1	< 1	0.0%	9943679	< 1	< 1	0.0%				
K	9943673	1.89	1.93	2.1%	9943679	3.00	2.96	1.3%				
La	9943673	114	116	1.7%	9943679	6	7	15.4%				
Li	9943673	26	24	8.0%	9943679	35	35	0.0%				
Mg	9943673	7.22	7.37	2.1%	9943679	0.480	0.473	1.5%				
Mn	9943673	1660	1710	3.0%	9943679	217	213	1.9%				
Mo	9943673	2.0	3.0	40.0%	9943679	20.4	21.5	5.3%				
Na	9943673	0.948	0.977	3.0%	9943679	2.53	2.54	0.4%				
Ni	9943673	253	248	2.0%	9943679	6.4	7.7	18.4%				
P	9943673	4220	5080	18.5%	9943679	50	45	10.5%				
Pb	9943673	24	26	8.0%	9943679	< 20	< 20	0.0%				
Rb	9943673	< 50	< 50	0.0%	9943679	< 50	< 50	0.0%				
S	9943673	0.23	0.23	0.0%	9943679	< 0.01	< 0.01	0.0%				
Sb	9943673	< 1	3		9943679	2	< 1					
Sc	9943673	24	25	4.1%	9943679	3	3	0.0%				
Se	9943673	< 10	< 10	0.0%	9943679	< 10	< 10	0.0%				
Sn	9943673	7	6	15.4%	9943679	< 5	< 5	0.0%				





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)													
	Expect	Actual	Recovery	Limits										
Al	10.95	10.78	98%	90% - 110%										
Ba	340	320	94%	90% - 110%										
Be	2.6	2.6	102%	90% - 110%										
Ca	5.72	5.44	95%	90% - 110%										
Ce	122	112	92%	90% - 110%										
Fe	4.34	3.97	91%	90% - 110%										
Ga	35	36	102%	90% - 110%										
K	1.37	1.43	105%	90% - 110%										
La	58	51	89%	90% - 110%										
Li	37	37	101%	90% - 110%										
Mg	0.325	0.298	92%	90% - 110%										
Na	5.267	5.429	103%	90% - 110%										
Sr	1191	1139	96%	90% - 110%										
Ti	0.172	0.157	92%	90% - 110%										
Y	119	111	94%	90% - 110%										
Zn	93	89	96%	90% - 110%										
(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)														
Parameter	CRM #1 (ref.GS6E)													
	Expect	Actual	Recovery	Limits										
Au	6.06	5.88	97%	90% - 110%										

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00550  
 SAMPLING SITE:

AGAT WORK ORDER: 19T443446  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE



CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00551

AGAT WORK ORDER: 19T443817

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Apr 02, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

# Certificate of Analysis

AGAT WORK ORDER: 19T443817

PROJECT: AGAT00551

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (200-) Sample Login Weight

DATE SAMPLED: Mar 05, 2019

DATE RECEIVED: Mar 05, 2019

DATE REPORTED: Apr 02, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
A74371 (9945781)		1.33
A74372 (9945782)		1.84
A74373 (9945783)		2.47
A74374 (9945784)		2.39
A74375 (9945785)		2.54
A74376 (9945786)		2.59
A74377 (9945787)		2.52
A74378 (9945788)		2.52
A74379 (9945789)		2.61
A74380 (9945790)		2.55
A74381 (9945791)		2.48
A74382 (9945792)		2.78
A74383 (9945793)		2.55
A74384 (9945794)		2.53
A74385 (9945795)		2.66
A74386 (9945796)		0.0700
A74387 (9945797)		2.46
A74388 (9945798)		2.60
A74389 (9945799)		3.05
A74390 (9945800)		2.23
A74391 (9945801)		2.32
A74392 (9945802)		1.89
A74393 (9945803)		2.64
A74394 (9945804)		2.64
A74395 (9945805)		2.59
A74396 (9945806)		2.64
A74397 (9945807)		2.50
A74398 (9945808)		2.50
A74399 (9945809)		2.57
A74400 (9945810)		2.56
A74401 (9945811)		0.510

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T443817

PROJECT: AGAT00551

5623 McADAM ROAD  
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 TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 05, 2019      DATE RECEIVED: Mar 05, 2019      DATE REPORTED: Apr 02, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
A74402 (9945812)		1.77
A74403 (9945813)		2.47
A74404 (9945814)		2.42
A74405 (9945815)		2.55
A74406 (9945816)		0.0600
A74407 (9945817)		2.51
A74408 (9945818)		2.43
A74409 (9945819)		2.49
A74410 (9945820)		2.41
A74411 (9945821)		2.64
A74412 (9945822)		2.08
A74413 (9945823)		2.32
A74414 (9945824)		2.13
A74415 (9945825)		2.18
A74416 (9945826)		2.31
A74417 (9945827)		2.39
A74418 (9945828)		2.39
A74419 (9945829)		2.32
A74420 (9945830)		2.30
A74421 (9945831)		2.24
A74422 (9945832)		1.11
A74423 (9945833)		1.14
A74424 (9945834)		1.91
A74425 (9945835)		2.19
A74426 (9945836)		0.0700
A74427 (9945837)		2.46
A74428 (9945838)		1.86
A74429 (9945839)		2.51
A74430 (9945840)		0.740
A74431 (9945841)		0.940
A74432 (9945842)		2.39

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T443817

PROJECT: AGAT00551

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 05, 2019      DATE RECEIVED: Mar 05, 2019      DATE REPORTED: Apr 02, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
A74433 (9945843)		1.96
A74434 (9945844)		2.27
A74435 (9945845)		2.28
A74436 (9945846)		2.30
A74437 (9945847)		2.27
A74438 (9945848)		2.27
A74439 (9945849)		2.14
A74440 (9945850)		2.84
A74441 (9945851)		2.34
A74442 (9945852)		1.22

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T443817

PROJECT: AGAT00551

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CANADA L4Z 1N9  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 05, 2019	DATE RECEIVED: Mar 05, 2019							DATE REPORTED: Apr 02, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
A74371 (9945781)	<0.5	7.28	<1	145	0.8	<1	7.51	<0.5	8	39.6	142	91.5	7.99	33	
A74372 (9945782)	<0.5	0.05	2	13	<0.5	<1	34.1	<0.5	<1	0.6	2.8	<0.5	0.13	11	
A74373 (9945783)	<0.5	7.45	<1	114	0.8	<1	6.70	<0.5	8	48.2	170	95.9	8.85	34	
A74374 (9945784)	<0.5	7.78	<1	114	1.2	<1	6.50	<0.5	8	50.2	166	85.1	8.52	36	
A74375 (9945785)	<0.5	6.66	<1	90	1.9	<1	7.65	<0.5	8	44.8	134	49.2	9.15	36	
A74376 (9945786)	<0.5	7.21	<1	113	1.1	3	8.05	<0.5	10	41.7	123	82.5	11.2	35	
A74377 (9945787)	<0.5	7.51	<1	118	0.7	<1	7.22	<0.5	9	41.8	156	83.7	10.7	36	
A74378 (9945788)	<0.5	7.52	<1	118	0.7	<1	7.08	<0.5	9	41.9	138	83.7	10.5	35	
A74379 (9945789)	<0.5	6.56	<1	116	0.9	5	8.24	<0.5	9	38.5	122	96.0	10.4	37	
A74380 (9945790)	<0.5	7.50	<1	149	0.9	3	7.51	<0.5	10	41.6	121	76.1	10.7	35	
A74381 (9945791)	<0.5	7.44	<1	150	0.7	6	7.74	<0.5	9	42.0	129	126	11.2	37	
A74382 (9945792)	<0.5	6.58	<1	132	1.0	<1	8.74	<0.5	8	48.3	113	106	13.1	41	
A74383 (9945793)	<0.5	6.92	<1	112	1.2	<1	7.25	<0.5	11	45.6	118	114	11.2	39	
A74384 (9945794)	<0.5	6.91	<1	106	1.3	<1	7.46	<0.5	11	40.5	90.0	93.5	11.2	37	
A74385 (9945795)	<0.5	6.85	<1	89	1.5	<1	7.76	<0.5	11	40.6	99.9	108	10.5	37	
A74386 (9945796)	<0.5	7.36	<1	197	1.4	3	6.82	<0.5	21	40.1	190	105	7.83	36	
A74387 (9945797)	<0.5	7.22	<1	66	1.2	8	6.79	<0.5	11	48.3	99.8	84.9	10.4	35	
A74388 (9945798)	<0.5	6.86	<1	177	1.6	2	7.19	<0.5	11	44.6	96.0	75.3	10.4	41	
A74389 (9945799)	<0.5	6.99	<1	282	1.4	<1	7.66	<0.5	11	38.4	83.4	94.8	10.1	37	
A74390 (9945800)	<0.5	4.19	<1	1160	4.7	<1	9.57	<0.5	167	49.9	474	91.0	7.83	36	
A74391 (9945801)	<0.5	5.83	<1	256	2.2	<1	7.55	<0.5	34	39.2	160	60.8	9.24	38	
A74392 (9945802)	<0.5	0.06	6	16	<0.5	1	34.7	<0.5	<1	0.6	4.7	<0.5	0.13	11	
A74393 (9945803)	<0.5	6.99	<1	53	1.4	4	7.06	<0.5	12	41.7	92.4	78.1	10.3	38	
A74394 (9945804)	<0.5	6.94	<1	213	1.3	6	6.89	<0.5	13	37.8	91.6	94.5	10.0	36	
A74395 (9945805)	<0.5	7.11	<1	153	1.4	5	7.18	<0.5	11	52.9	102	90.3	10.2	41	
A74396 (9945806)	<0.5	6.75	<1	98	1.3	3	6.41	<0.5	11	50.1	103	90.9	10.0	36	
A74397 (9945807)	<0.5	6.89	<1	195	1.3	2	7.07	<0.5	11	43.7	77.8	76.5	10.8	38	
A74398 (9945808)	<0.5	6.89	<1	195	1.1	9	7.04	<0.5	11	43.2	79.2	78.3	10.8	34	
A74399 (9945809)	<0.5	6.92	<1	179	1.0	10	7.01	<0.5	10	44.5	84.7	88.3	10.6	35	
A74400 (9945810)	<0.5	6.13	<1	201	1.7	7	6.42	<0.5	21	40.8	122	83.1	9.89	37	
A74401 (9945811)	<0.5	2.91	<1	894	5.1	7	8.98	<0.5	106	52.5	371	172	8.61	35	
A74402 (9945812)	<0.5	7.24	<1	115	1.1	6	7.03	<0.5	12	43.8	87.1	97.5	10.8	36	

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## Certificate of Analysis

AGAT WORK ORDER: 19T443817

PROJECT: AGAT00551

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 05, 2019	DATE RECEIVED: Mar 05, 2019							DATE REPORTED: Apr 02, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
A74403 (9945813)	<0.5	7.49	<1	66	1.1	<1	6.90	<0.5	11	44.0	78.2	65.5	11.5	38	
A74404 (9945814)	<0.5	6.79	<1	69	1.4	<1	6.41	<0.5	10	44.4	101	123	10.2	39	
A74405 (9945815)	<0.5	6.89	<1	102	2.5	3	6.73	<0.5	10	44.4	91.3	103	10.3	37	
A74406 (9945816)	<0.5	7.41	1	199	1.5	2	6.84	<0.5	20	40.8	160	106	7.84	33	
A74407 (9945817)	<0.5	6.66	<1	173	1.2	1	6.33	<0.5	10	44.6	103	130	11.1	36	
A74408 (9945818)	<0.5	7.35	<1	150	1.7	<1	5.81	<0.5	10	45.0	96.0	86.4	9.32	37	
A74409 (9945819)	<0.5	7.06	<1	105	0.9	9	6.60	<0.5	11	44.5	93.2	80.6	10.5	35	
A74410 (9945820)	<0.5	6.91	<1	117	1.6	<1	6.93	<0.5	13	45.8	98.8	70.2	10.3	35	
A74411 (9945821)	<0.5	7.28	<1	245	1.5	6	9.12	<0.5	28	47.1	112	121	10.9	38	
A74412 (9945822)	<0.5	0.06	1	13	<0.5	<1	33.4	<0.5	<1	0.7	2.9	<0.5	0.11	12	
A74413 (9945823)	<0.5	7.10	<1	230	1.4	6	7.41	<0.5	9	49.0	76.0	123	10.3	35	
A74414 (9945824)	<0.5	7.44	<1	382	0.9	<1	3.88	<0.5	47	27.4	154	55.5	5.44	30	
A74415 (9945825)	<0.5	7.99	<1	442	0.7	<1	3.82	<0.5	46	25.1	120	44.9	5.90	28	
A74416 (9945826)	<0.5	7.79	<1	453	1.6	1	3.79	<0.5	47	26.7	147	75.4	5.91	28	
A74417 (9945827)	<0.5	7.43	<1	491	1.3	<1	5.14	<0.5	55	27.6	156	49.0	6.16	30	
A74418 (9945828)	<0.5	7.63	<1	490	1.2	<1	5.26	<0.5	54	27.1	171	54.9	6.25	31	
A74419 (9945829)	<0.5	7.60	<1	615	0.8	<1	4.30	<0.5	51	24.1	136	44.8	5.25	30	
A74420 (9945830)	<0.5	7.50	<1	486	0.7	<1	3.89	<0.5	46	23.9	134	29.8	5.38	30	
A74421 (9945831)	<0.5	7.28	<1	461	0.6	<1	3.28	<0.5	43	22.3	118	36.9	4.71	28	
A74422 (9945832)	<0.5	7.71	1	315	<0.5	<1	5.93	<0.5	19	40.2	128	110	6.64	35	
A74423 (9945833)	<0.5	7.23	<1	451	0.7	<1	3.48	<0.5	41	22.6	114	43.8	4.59	28	
A74424 (9945834)	<0.5	7.75	<1	477	0.8	<1	3.14	<0.5	47	27.0	114	66.0	5.60	31	
A74425 (9945835)	<0.5	7.95	<1	464	1.1	<1	3.87	<0.5	43	27.2	127	64.2	5.64	30	
A74426 (9945836)	<0.5	7.35	<1	192	1.3	7	6.86	<0.5	20	40.0	162	103	7.67	38	
A74427 (9945837)	<0.5	7.52	<1	379	0.8	<1	4.15	<0.5	39	27.3	132	50.3	6.05	27	
A74428 (9945838)	<0.5	7.23	<1	385	<0.5	2	3.99	<0.5	42	23.0	131	57.2	5.37	27	
A74429 (9945839)	<0.5	7.91	<1	548	0.6	3	3.72	<0.5	49	21.5	139	53.9	5.37	28	
A74430 (9945840)	<0.5	8.04	<1	346	0.6	<1	5.08	<0.5	16	42.2	102	112	7.69	31	
A74431 (9945841)	<0.5	7.57	<1	595	0.7	4	3.68	<0.5	42	22.6	141	41.0	5.16	29	
A74432 (9945842)	<0.5	0.07	3	14	<0.5	<1	35.2	<0.5	<1	0.8	4.6	<0.5	0.12	13	
A74433 (9945843)	<0.5	7.26	<1	451	1.1	<1	3.47	<0.5	42	21.4	104	44.7	4.57	28	
A74434 (9945844)	<0.5	7.54	1	416	0.7	<1	3.84	<0.5	42	23.5	136	47.4	5.21	29	

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## Certificate of Analysis

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PROJECT: AGAT00551

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 05, 2019	DATE RECEIVED: Mar 05, 2019				DATE REPORTED: Apr 02, 2019				SAMPLE TYPE: Drill Core						
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
A74435 (9945845)		<0.5	7.50	<1	494	0.7	<1	4.22	<0.5	45	23.2	136	46.8	5.06	27
A74436 (9945846)		<0.5	7.78	<1	462	0.5	<1	3.38	<0.5	52	21.3	148	38.8	4.72	28
A74437 (9945847)		<0.5	7.56	1	473	0.9	<1	3.27	<0.5	47	22.0	138	51.2	4.82	27
A74438 (9945848)		<0.5	7.73	<1	489	0.8	1	3.33	<0.5	47	22.7	126	52.9	5.05	26
A74439 (9945849)		<0.5	7.21	<1	317	1.2	1	3.35	<0.5	37	19.3	112	45.1	4.91	25
A74440 (9945850)		<0.5	7.43	<1	386	1.0	<1	3.63	<0.5	41	25.2	155	52.8	5.38	28
A74441 (9945851)		<0.5	7.86	<1	523	0.7	<1	3.64	<0.5	46	24.8	138	57.6	5.28	31
A74442 (9945852)		<0.5	7.53	<1	480	0.6	<1	3.25	<0.5	39	20.7	128	48.6	4.24	25

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 05, 2019	DATE RECEIVED: Mar 05, 2019					DATE REPORTED: Apr 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
A74371 (9945781)	<1	0.46	4	19	2.69	1670	1.6	2.36	72.9	459	<20	<50	0.05	<1	
A74372 (9945782)	<1	0.01	3	<1	3.03	89	1.2	0.03	0.7	68	<20	<50	<0.01	<1	
A74373 (9945783)	<1	0.41	4	12	3.16	1440	1.6	2.10	90.9	429	<20	<50	0.07	<1	
A74374 (9945784)	<1	0.72	3	13	2.97	1480	3.2	2.41	102	386	<20	<50	0.06	3	
A74375 (9945785)	<1	0.49	3	17	3.14	2080	1.7	1.96	88.2	337	<20	<50	0.04	<1	
A74376 (9945786)	<1	0.53	4	11	3.30	2960	1.4	1.65	73.3	495	<20	<50	0.08	<1	
A74377 (9945787)	<1	0.40	4	11	2.86	2560	2.6	1.95	70.8	412	<20	<50	0.09	<1	
A74378 (9945788)	<1	0.40	4	10	2.83	2520	2.6	1.92	71.8	413	<20	<50	0.08	2	
A74379 (9945789)	<1	0.29	4	11	3.04	2720	1.2	1.67	61.2	363	<20	<50	0.09	<1	
A74380 (9945790)	<1	0.29	4	10	3.03	2520	2.2	2.03	69.2	473	<20	<50	0.06	<1	
A74381 (9945791)	<1	0.29	4	13	2.97	2840	1.6	1.75	69.4	398	<20	<50	0.12	<1	
A74382 (9945792)	<1	0.33	4	11	3.10	3500	2.0	1.22	76.0	369	<20	<50	0.17	3	
A74383 (9945793)	<1	0.36	4	13	2.51	2280	2.6	1.57	68.2	508	<20	<50	0.15	3	
A74384 (9945794)	<1	0.38	5	10	2.37	2010	1.8	1.80	57.0	512	<20	<50	0.11	4	
A74385 (9945795)	<1	0.34	5	8	2.13	2250	2.0	1.83	54.1	590	<20	<50	0.14	<1	
A74386 (9945796)	<1	0.44	9	9	4.31	1350	<0.5	2.26	113	898	<20	<50	0.08	5	
A74387 (9945797)	<1	0.30	4	11	2.46	1580	2.9	2.36	71.6	530	<20	<50	0.10	<1	
A74388 (9945798)	<1	0.31	5	11	2.64	1980	2.1	2.10	58.3	522	<20	<50	0.08	<1	
A74389 (9945799)	<1	0.31	5	11	2.91	2200	2.6	1.85	52.5	541	<20	<50	0.11	1	
A74390 (9945800)	<1	2.00	74	29	8.61	1510	1.8	0.96	365	2560	<20	<50	0.13	<1	
A74391 (9945801)	<1	0.50	16	16	3.88	1700	3.9	1.82	105	1180	<20	<50	0.10	<1	
A74392 (9945802)	<1	0.01	3	<1	2.51	72	1.0	0.04	<0.5	84	<20	<50	<0.01	<1	
A74393 (9945803)	<1	0.19	5	10	2.94	1960	1.1	1.98	54.5	524	<20	<50	0.08	<1	
A74394 (9945804)	<1	0.27	6	13	2.94	1890	2.3	2.07	57.2	551	<20	<50	0.10	3	
A74395 (9945805)	<1	0.27	5	11	2.53	2000	2.4	1.82	75.7	671	<20	<50	0.11	1	
A74396 (9945806)	<1	0.29	5	10	2.98	1630	2.0	1.73	74.0	526	<20	<50	0.09	2	
A74397 (9945807)	<1	0.54	4	11	2.58	1970	2.9	1.66	58.1	522	<20	<50	0.10	<1	
A74398 (9945808)	<1	0.53	4	11	2.62	2000	1.1	1.65	57.4	503	<20	<50	0.10	<1	
A74399 (9945809)	<1	0.49	4	11	2.75	1860	2.2	1.74	68.7	508	<20	<50	0.11	3	
A74400 (9945810)	<1	0.55	8	20	3.84	1570	2.2	2.23	86.2	604	<20	<50	0.11	2	
A74401 (9945811)	<1	2.10	46	70	8.36	1500	1.9	1.44	308	1320	<20	<50	0.30	2	
A74402 (9945812)	<1	0.35	5	15	2.93	1730	3.1	2.02	65.5	516	<20	<50	0.12	2	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 05, 2019	DATE RECEIVED: Mar 05, 2019					DATE REPORTED: Apr 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
A74403 (9945813)	<1	0.26	5	15	3.15	1660	2.7	2.27	64.2	443	<20	<50	0.06	2	
A74404 (9945814)	<1	0.28	4	9	2.65	1550	2.8	1.76	62.6	482	<20	<50	0.15	<1	
A74405 (9945815)	<1	0.41	4	29	2.87	1560	3.0	1.97	63.7	624	<20	<50	0.11	<1	
A74406 (9945816)	<1	0.45	10	10	4.34	1360	<0.5	2.28	117	909	<20	<50	0.08	<1	
A74407 (9945817)	<1	0.77	4	10	2.71	1920	2.0	1.60	64.7	455	<20	<50	0.17	3	
A74408 (9945818)	<1	0.62	4	13	2.55	1440	2.9	2.06	66.5	520	<20	<50	0.09	3	
A74409 (9945819)	<1	0.36	4	7	2.85	1490	1.4	1.90	68.0	513	<20	<50	0.08	<1	
A74410 (9945820)	<1	0.45	6	19	3.09	1540	1.6	1.93	82.6	520	<20	<50	0.08	<1	
A74411 (9945821)	<1	0.96	12	10	3.04	1960	2.1	1.33	86.0	790	<20	<50	0.21	1	
A74412 (9945822)	<1	0.01	3	<1	2.59	95	1.4	0.03	<0.5	92	<20	<50	<0.01	2	
A74413 (9945823)	<1	0.86	4	8	2.38	2130	2.2	1.45	60.0	387	<20	<50	0.20	<1	
A74414 (9945824)	<1	0.79	21	11	2.27	1020	3.8	2.83	90.3	832	<20	<50	0.10	<1	
A74415 (9945825)	<1	1.11	19	19	2.08	1070	4.2	2.96	62.7	700	<20	<50	0.09	<1	
A74416 (9945826)	<1	1.73	21	21	2.17	1020	4.8	2.42	71.6	736	<20	<50	0.12	1	
A74417 (9945827)	<1	1.28	24	18	2.47	1240	4.6	2.31	83.8	1060	<20	<50	0.09	<1	
A74418 (9945828)	<1	1.30	24	18	2.49	1270	3.0	2.39	84.2	950	<20	<50	0.09	3	
A74419 (9945829)	<1	1.50	22	17	2.07	960	4.0	2.34	68.8	810	<20	<50	0.06	<1	
A74420 (9945830)	<1	1.64	20	16	2.06	994	4.0	2.29	61.0	757	<20	<50	0.05	<1	
A74421 (9945831)	<1	1.66	19	16	1.72	802	4.2	2.24	58.4	638	<20	<50	0.05	<1	
A74422 (9945832)	<1	0.87	9	11	3.85	994	1.7	1.70	89.0	326	<20	<50	0.09	<1	
A74423 (9945833)	<1	1.33	18	15	1.74	806	4.4	2.60	52.5	697	<20	<50	0.08	<1	
A74424 (9945834)	<1	1.35	21	20	2.30	811	4.5	2.59	64.6	736	<20	<50	0.12	1	
A74425 (9945835)	<1	1.16	19	21	2.14	984	3.0	2.95	67.8	603	<20	<50	0.11	<1	
A74426 (9945836)	<1	0.43	9	9	4.22	1320	<0.5	2.24	114	900	<20	<50	0.08	<1	
A74427 (9945837)	<1	0.88	17	20	2.36	1010	4.4	2.67	72.4	740	<20	<50	0.09	<1	
A74428 (9945838)	<1	0.75	18	17	2.21	971	5.2	2.59	63.6	699	<20	<50	0.10	<1	
A74429 (9945839)	<1	1.31	21	20	2.11	947	4.9	2.70	66.8	723	<20	<50	0.09	<1	
A74430 (9945840)	<1	1.16	8	24	4.40	1070	0.9	1.70	92.3	277	<20	<50	0.08	1	
A74431 (9945841)	<1	1.57	19	19	1.97	894	5.3	2.34	57.4	762	<20	<50	0.06	<1	
A74432 (9945842)	<1	0.01	3	<1	2.38	68	1.0	0.04	<0.5	86	<20	<50	<0.01	<1	
A74433 (9945843)	<1	1.21	18	24	1.72	782	5.5	2.67	54.9	660	<20	<50	0.09	<1	
A74434 (9945844)	<1	0.90	18	19	2.10	957	4.3	2.91	61.7	711	<20	<50	0.08	3	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T443817

PROJECT: AGAT00551

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 05, 2019	DATE RECEIVED: Mar 05, 2019					DATE REPORTED: Apr 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
A74435 (9945845)	<1	0.97	19	19	1.90	953	6.7	2.59	64.6	767	<20	<50	0.09	<1	
A74436 (9945846)	<1	1.10	23	20	1.81	910	5.0	3.02	58.6	826	<20	<50	0.09	<1	
A74437 (9945847)	<1	0.89	20	17	1.86	806	3.5	3.22	56.7	721	<20	<50	0.10	<1	
A74438 (9945848)	<1	0.92	21	17	1.90	844	4.5	3.23	60.8	746	<20	<50	0.10	<1	
A74439 (9945849)	<1	0.83	16	23	1.76	779	6.5	2.99	57.4	644	<20	<50	0.09	<1	
A74440 (9945850)	<1	1.22	18	26	2.03	978	4.8	2.75	70.5	693	<20	<50	0.12	<1	
A74441 (9945851)	<1	1.19	20	24	2.04	969	5.0	2.82	63.5	746	<20	<50	0.11	<1	
A74442 (9945852)	<1	0.89	18	17	1.52	750	6.9	3.03	50.9	645	<20	<50	0.10	2	

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AGAT WORK ORDER: 19T443817

PROJECT: AGAT00551

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 05, 2019	DATE RECEIVED: Mar 05, 2019					DATE REPORTED: Apr 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
A74371 (9945781)	48	<10	<5	130	<10	<10	<5	0.65	<5	<50	318	<1	25	101	
A74372 (9945782)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	2.8	
A74373 (9945783)	51	<10	<5	121	<10	20	<5	0.73	<5	<50	337	<1	26	102	
A74374 (9945784)	53	<10	<5	110	<10	12	<5	0.70	<5	<50	341	<1	27	100	
A74375 (9945785)	49	<10	<5	96	<10	15	<5	0.64	<5	<50	322	<1	28	96.3	
A74376 (9945786)	49	<10	6	102	<10	10	<5	0.74	<5	<50	336	1	32	109	
A74377 (9945787)	50	<10	<5	96	<10	21	<5	0.78	<5	<50	351	<1	31	102	
A74378 (9945788)	51	<10	<5	95	<10	17	<5	0.78	<5	<50	358	<1	30	98.7	
A74379 (9945789)	48	<10	<5	100	<10	<10	<5	0.67	<5	<50	326	<1	30	107	
A74380 (9945790)	51	<10	<5	128	<10	20	<5	0.80	<5	<50	358	<1	30	113	
A74381 (9945791)	49	<10	<5	113	<10	18	<5	0.77	<5	<50	345	1	30	115	
A74382 (9945792)	47	<10	<5	109	<10	19	<5	0.77	<5	<50	334	1	31	134	
A74383 (9945793)	50	<10	<5	88	<10	15	<5	0.85	<5	<50	359	2	33	118	
A74384 (9945794)	50	<10	<5	99	<10	22	<5	0.94	<5	<50	363	<1	33	115	
A74385 (9945795)	49	<10	5	101	<10	23	<5	0.95	<5	<50	355	<1	34	118	
A74386 (9945796)	37	<10	<5	246	<10	20	<5	0.89	<5	<50	259	1	22	91.2	
A74387 (9945797)	51	<10	<5	106	<10	24	<5	0.95	<5	<50	361	<1	32	128	
A74388 (9945798)	51	<10	<5	108	<10	27	<5	0.92	<5	<50	374	<1	33	132	
A74389 (9945799)	49	<10	<5	96	<10	21	<5	0.91	<5	<50	356	<1	33	125	
A74390 (9945800)	30	<10	7	920	<10	44	<5	1.56	<5	<50	235	<1	23	81.7	
A74391 (9945801)	44	<10	<5	292	<10	28	<5	1.07	<5	<50	349	<1	29	116	
A74392 (9945802)	<1	<10	<5	72	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	3.0	
A74393 (9945803)	51	<10	<5	131	<10	23	<5	0.94	<5	<50	378	<1	34	131	
A74394 (9945804)	49	<10	<5	148	<10	21	<5	0.91	<5	<50	345	1	31	124	
A74395 (9945805)	51	<10	<5	100	<10	24	<5	0.95	<5	<50	371	1	33	119	
A74396 (9945806)	49	<10	<5	134	<10	21	<5	0.91	<5	<50	355	<1	30	120	
A74397 (9945807)	50	<10	<5	58	<10	23	<5	0.92	<5	<50	365	3	32	119	
A74398 (9945808)	48	<10	<5	58	<10	24	<5	0.92	<5	<50	350	1	31	118	
A74399 (9945809)	50	<10	<5	102	<10	14	<5	0.91	<5	<50	363	<1	31	122	
A74400 (9945810)	47	<10	<5	175	<10	21	<5	0.92	<5	<50	321	<1	27	105	
A74401 (9945811)	28	<10	<5	652	<10	57	<5	1.90	<5	<50	259	1	20	78.7	
A74402 (9945812)	52	<10	<5	167	<10	20	<5	0.93	<5	<50	388	<1	32	116	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T443817

PROJECT: AGAT00551

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 05, 2019	DATE RECEIVED: Mar 05, 2019					DATE REPORTED: Apr 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
A74403 (9945813)	51	<10	<5	138	<10	20	<5	0.93	<5	<50	360	1	31	129	
A74404 (9945814)	50	<10	<5	95	<10	22	<5	0.87	<5	<50	365	<1	30	112	
A74405 (9945815)	51	<10	<5	112	<10	14	<5	0.82	<5	<50	351	<1	31	110	
A74406 (9945816)	35	<10	<5	247	<10	20	<5	0.90	<5	<50	247	2	21	92.6	
A74407 (9945817)	49	<10	<5	81	<10	17	<5	0.81	<5	<50	339	2	30	111	
A74408 (9945818)	49	<10	<5	95	<10	17	<5	0.89	<5	<50	345	<1	28	109	
A74409 (9945819)	49	<10	<5	113	<10	20	<5	0.94	<5	<50	355	<1	30	124	
A74410 (9945820)	49	<10	<5	195	<10	15	<5	0.89	<5	<50	348	<1	29	120	
A74411 (9945821)	52	<10	<5	214	<10	16	<5	1.03	<5	<50	397	3	32	134	
A74412 (9945822)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	3.0	
A74413 (9945823)	53	<10	<5	125	<10	18	<5	0.86	<5	<50	399	<1	29	136	
A74414 (9945824)	23	<10	<5	460	<10	<10	<5	0.48	<5	<50	170	<1	16	81.2	
A74415 (9945825)	24	<10	<5	512	<10	<10	<5	0.45	<5	<50	172	<1	15	79.9	
A74416 (9945826)	24	<10	<5	344	<10	<10	<5	0.48	<5	<50	178	<1	15	81.6	
A74417 (9945827)	22	<10	<5	400	<10	10	<5	0.53	<5	<50	164	<1	17	80.8	
A74418 (9945828)	23	<10	<5	430	<10	13	<5	0.53	<5	<50	167	<1	18	85.8	
A74419 (9945829)	22	<10	<5	477	<10	<10	<5	0.46	<5	<50	165	1	14	75.8	
A74420 (9945830)	23	<10	<5	454	<10	<10	<5	0.46	<5	<50	153	1	15	71.6	
A74421 (9945831)	20	<10	<5	337	<10	<10	<5	0.38	<5	<50	144	<1	13	69.3	
A74422 (9945832)	39	<10	<5	191	<10	<10	<5	0.42	<5	<50	237	<1	16	72.6	
A74423 (9945833)	20	<10	<5	389	<10	<10	<5	0.39	<5	<50	152	1	13	52.8	
A74424 (9945834)	24	<10	<5	399	<10	<10	<5	0.44	<5	<50	174	<1	13	61.0	
A74425 (9945835)	26	<10	<5	490	<10	<10	<5	0.46	<5	<50	179	<1	15	64.8	
A74426 (9945836)	36	<10	<5	244	<10	19	<5	0.89	<5	<50	255	<1	21	92.3	
A74427 (9945837)	27	<10	<5	461	<10	<10	<5	0.46	<5	<50	184	<1	15	64.6	
A74428 (9945838)	20	<10	<5	475	<10	<10	<5	0.45	<5	<50	153	<1	14	63.6	
A74429 (9945839)	20	<10	<5	510	<10	<10	<5	0.43	<5	<50	147	2	14	71.4	
A74430 (9945840)	42	<10	<5	156	<10	<10	<5	0.43	<5	<50	249	1	16	54.4	
A74431 (9945841)	22	<10	<5	423	<10	<10	<5	0.45	<5	<50	157	<1	15	70.8	
A74432 (9945842)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.6	<1	2	3.4	
A74433 (9945843)	20	<10	<5	348	<10	<10	<5	0.37	<5	<50	138	<1	14	63.8	
A74434 (9945844)	22	<10	<5	432	<10	<10	<5	0.43	<5	<50	158	<1	15	83.0	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T443817

PROJECT: AGAT00551

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 05, 2019	DATE RECEIVED: Mar 05, 2019					DATE REPORTED: Apr 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
A74435 (9945845)	21	<10	<5	361	<10	<10	<5	0.42	<5	<50	152	<1	15	74.6	
A74436 (9945846)	18	<10	<5	357	<10	<10	<5	0.40	<5	<50	140	<1	14	81.5	
A74437 (9945847)	20	<10	<5	509	<10	<10	<5	0.39	<5	<50	149	<1	15	69.8	
A74438 (9945848)	20	<10	5	528	<10	<10	<5	0.41	<5	<50	145	<1	14	71.7	
A74439 (9945849)	19	<10	<5	501	<10	<10	<5	0.37	<5	<50	135	<1	13	61.9	
A74440 (9945850)	23	<10	<5	418	<10	<10	<5	0.44	<5	<50	163	<1	15	78.6	
A74441 (9945851)	22	<10	<5	446	<10	<10	<5	0.43	<5	<50	158	<1	15	76.5	
A74442 (9945852)	17	<10	<5	546	<10	<10	<5	0.37	<5	<50	127	<1	12	64.0	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 05, 2019

DATE RECEIVED: Mar 05, 2019

DATE REPORTED: Apr 02, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
A74371 (9945781)				23
A74372 (9945782)				<5
A74373 (9945783)				16
A74374 (9945784)				17
A74375 (9945785)				23
A74376 (9945786)				16
A74377 (9945787)				14
A74378 (9945788)				16
A74379 (9945789)				15
A74380 (9945790)				13
A74381 (9945791)				13
A74382 (9945792)				15
A74383 (9945793)				15
A74384 (9945794)				14
A74385 (9945795)				16
A74386 (9945796)				99
A74387 (9945797)				14
A74388 (9945798)				14
A74389 (9945799)				16
A74390 (9945800)				214
A74391 (9945801)				75
A74392 (9945802)				<5
A74393 (9945803)				18
A74394 (9945804)				17
A74395 (9945805)				14
A74396 (9945806)				15
A74397 (9945807)				16
A74398 (9945808)				16
A74399 (9945809)				18
A74400 (9945810)				79
A74401 (9945811)				263
A74402 (9945812)				22

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# Certificate of Analysis

AGAT WORK ORDER: 19T443817

PROJECT: AGAT00551

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 05, 2019


DATE RECEIVED: Mar 05, 2019

DATE REPORTED: Apr 02, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
A74403 (9945813)				21
A74404 (9945814)				14
A74405 (9945815)				21
A74406 (9945816)				95
A74407 (9945817)				15
A74408 (9945818)				18
A74409 (9945819)				15
A74410 (9945820)				19
A74411 (9945821)				41
A74412 (9945822)				<5
A74413 (9945823)				15
A74414 (9945824)				102
A74415 (9945825)				108
A74416 (9945826)				99
A74417 (9945827)				109
A74418 (9945828)				98
A74419 (9945829)				108
A74420 (9945830)				110
A74421 (9945831)				104
A74422 (9945832)				74
A74423 (9945833)				106
A74424 (9945834)				106
A74425 (9945835)				96
A74426 (9945836)				98
A74427 (9945837)				86
A74428 (9945838)				95
A74429 (9945839)				114
A74430 (9945840)				58
A74431 (9945841)				113
A74432 (9945842)				<5
A74433 (9945843)				111
A74434 (9945844)				108

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T443817

PROJECT: AGAT00551

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking


(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 05, 2019	DATE RECEIVED: Mar 05, 2019	DATE REPORTED: Apr 02, 2019	SAMPLE TYPE: Drill Core
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	Analyte:	Zr	
	Unit:	ppm	
Sample ID (AGAT ID)	RDL:	5	
A74435 (9945845)		90	
A74436 (9945846)		117	
A74437 (9945847)		112	
A74438 (9945848)		108	
A74439 (9945849)		97	
A74440 (9945850)		103	
A74441 (9945851)		104	
A74442 (9945852)		98	

Comments: RDL - Reported Detection Limit  
 9945781-9945852 As, Sb values may be low due to digestion losses.

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## Certificate of Analysis

AGAT WORK ORDER: 19T443817

PROJECT: AGAT00551

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 05, 2019      DATE RECEIVED: Mar 05, 2019      DATE REPORTED: Apr 02, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
A74371 (9945781)			0.009
A74372 (9945782)			<0.001
A74373 (9945783)			0.007
A74374 (9945784)			0.005
A74375 (9945785)			0.004
A74376 (9945786)			0.007
A74377 (9945787)			0.002
A74378 (9945788)			0.002
A74379 (9945789)			0.004
A74380 (9945790)			0.008
A74381 (9945791)			0.005
A74382 (9945792)			0.007
A74383 (9945793)			0.006
A74384 (9945794)			0.002
A74385 (9945795)			0.003
A74386 (9945796)			0.346
A74387 (9945797)			0.001
A74388 (9945798)			0.004
A74389 (9945799)			0.004
A74390 (9945800)			0.003
A74391 (9945801)			0.004
A74392 (9945802)			0.001
A74393 (9945803)			0.003
A74394 (9945804)			0.003
A74395 (9945805)			0.003
A74396 (9945806)			0.005
A74397 (9945807)			0.003
A74398 (9945808)			0.003
A74399 (9945809)			0.004
A74400 (9945810)			0.003
A74401 (9945811)			0.003
A74402 (9945812)			0.004

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T443817

PROJECT: AGAT00551

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 05, 2019      DATE RECEIVED: Mar 05, 2019      DATE REPORTED: Apr 02, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
A74403 (9945813)			0.005
A74404 (9945814)			0.005
A74405 (9945815)			0.006
A74406 (9945816)			0.333
A74407 (9945817)			0.018
A74408 (9945818)			0.003
A74409 (9945819)			0.002
A74410 (9945820)			0.004
A74411 (9945821)			0.007
A74412 (9945822)			0.001
A74413 (9945823)			0.011
A74414 (9945824)			0.003
A74415 (9945825)			0.007
A74416 (9945826)			0.021
A74417 (9945827)			0.007
A74418 (9945828)			0.006
A74419 (9945829)			0.005
A74420 (9945830)			0.008
A74421 (9945831)			0.003
A74422 (9945832)			0.005
A74423 (9945833)			0.016
A74424 (9945834)			0.010
A74425 (9945835)			0.008
A74426 (9945836)			0.319
A74427 (9945837)			0.006
A74428 (9945838)			0.013
A74429 (9945839)			0.005
A74430 (9945840)			0.005
A74431 (9945841)			0.005
A74432 (9945842)			<0.001
A74433 (9945843)			0.009
A74434 (9945844)			0.008

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T443817

PROJECT: AGAT00551

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 05, 2019      DATE RECEIVED: Mar 05, 2019      DATE REPORTED: Apr 02, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
A74435 (9945845)			0.008
A74436 (9945846)			0.008
A74437 (9945847)			0.007
A74438 (9945848)			0.008
A74439 (9945849)			0.013
A74440 (9945850)			0.006
A74441 (9945851)			0.007
A74442 (9945852)			0.006

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T443817

PROJECT: AGAT00551

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 05, 2019      DATE RECEIVED: Mar 05, 2019      DATE REPORTED: Apr 02, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
A74371 (9945781)		75
A74373 (9945783)		86
A74383 (9945793)		83
A74390 (9945800)		87
A74407 (9945817)		85
A74410 (9945820)		84
A74430 (9945840)		87
A74435 (9945845)		87

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	9945781	< 0.5	< 0.5	0.0%	9945795	< 0.5	< 0.5	0.0%	9945806	< 0.5	< 0.5	0.0%	9945820	< 0.5	< 0.5	0.0%
Al	9945781	7.28	7.15	1.8%	9945795	6.85	7.12	3.9%	9945806	6.75	6.81	0.9%	9945820	6.91	6.85	0.9%
As	9945781	< 1	< 1	0.0%	9945795	< 1	< 1	0.0%	9945806	< 1	< 1	0.0%	9945820	< 1	< 1	0.0%
Ba	9945781	145	141	2.8%	9945795	89	92	3.3%	9945806	98	99	1.0%	9945820	117	114	2.6%
Be	9945781	0.8	0.75	10.1%	9945795	1.5	1.13	26.8%	9945806	1.3	1.13	10.9%	9945820	1.6	1.6	0.0%
Bi	9945781	< 1	< 1	0.0%	9945795	< 1	2		9945806	3	4.0	28.6%	9945820	< 1	2	
Ca	9945781	7.51	7.44	0.9%	9945795	7.76	8.09	4.2%	9945806	6.41	6.71	4.6%	9945820	6.93	6.76	2.5%
Cd	9945781	< 0.5	< 0.5	0.0%	9945795	< 0.5	< 0.5	0.0%	9945806	< 0.5	< 0.5	0.0%	9945820	< 0.5	< 0.5	0.0%
Ce	9945781	8	8	0.0%	9945795	11	12	8.7%	9945806	11	11	0.0%	9945820	13	13	0.0%
Co	9945781	39.6	38.5	2.8%	9945795	40.6	41.0	1.0%	9945806	50.1	48.9	2.4%	9945820	45.8	45.4	0.9%
Cr	9945781	142	145	2.1%	9945795	99.9	103	3.1%	9945806	103	107	3.8%	9945820	98.8	102	3.2%
Cu	9945781	91.5	87.8	4.1%	9945795	108	113	4.5%	9945806	90.9	89.0	2.1%	9945820	70.2	66.6	5.3%
Fe	9945781	7.99	7.90	1.1%	9945795	10.5	10.9	3.7%	9945806	10.0	10.4	3.9%	9945820	10.3	10.1	2.0%
Ga	9945781	33	32	3.1%	9945795	37	37	0.0%	9945806	36	37	2.7%	9945820	35	39	10.8%
In	9945781	< 1	< 1	0.0%	9945795	< 1	< 1	0.0%	9945806	< 1	< 1	0.0%	9945820	< 1	< 1	0.0%
K	9945781	0.46	0.45	2.2%	9945795	0.34	0.35	2.9%	9945806	0.29	0.295	1.7%	9945820	0.45	0.442	1.8%
La	9945781	4	4	0.0%	9945795	5	5	0.0%	9945806	5	5	0.0%	9945820	6	6	0.0%
Li	9945781	19	19	0.0%	9945795	8	9	11.8%	9945806	10	10	0.0%	9945820	19	19	0.0%
Mg	9945781	2.69	2.70	0.4%	9945795	2.13	2.21	3.7%	9945806	2.98	3.02	1.3%	9945820	3.09	3.08	0.3%
Mn	9945781	1670	1670	0.0%	9945795	2250	2350	4.3%	9945806	1630	1650	1.2%	9945820	1540	1530	0.7%
Mo	9945781	1.6	2.0	22.2%	9945795	2.0	1.71	15.6%	9945806	2.0	3.0	40.0%	9945820	1.6	2.1	27.0%
Na	9945781	2.36	2.32	1.7%	9945795	1.83	1.92	4.8%	9945806	1.73	1.79	3.4%	9945820	1.93	1.88	2.6%
Ni	9945781	72.9	72.4	0.7%	9945795	54.1	54.7	1.1%	9945806	74.0	73.0	1.4%	9945820	82.6	81.0	2.0%
P	9945781	459	462	0.7%	9945795	590	600	1.7%	9945806	526	531	0.9%	9945820	520	509	2.1%
Pb	9945781	< 20	< 20	0.0%	9945795	< 20	< 20	0.0%	9945806	< 20	< 20	0.0%	9945820	< 20	< 20	0.0%
Rb	9945781	< 50	< 50	0.0%	9945795	< 50	< 50	0.0%	9945806	< 50	< 50	0.0%	9945820	< 50	< 50	0.0%
S	9945781	0.05	0.05	0.0%	9945795	0.14	0.146	5.6%	9945806	0.09	0.09	0.0%	9945820	0.08	0.074	4.0%
Sb	9945781	< 1	< 1	0.0%	9945795	< 1	2		9945806	2	2	0.0%	9945820	< 1	< 1	0.0%
Sc	9945781	48	48	0.0%	9945795	49	50	2.0%	9945806	49	49	0.0%	9945820	49	50	2.0%
Se	9945781	< 10	< 10	0.0%	9945795	< 10	< 10	0.0%	9945806	< 10	< 10	0.0%	9945820	< 10	< 10	0.0%
Sn	9945781	< 5	< 5	0.0%	9945795	5	< 5		9945806	< 5	6		9945820	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	9945781	130	128	1.6%	9945795	101	106	4.8%	9945806	134	140	4.4%	9945820	195	191	2.1%
Ta	9945781	< 10	< 10	0.0%	9945795	< 10	< 10	0.0%	9945806	< 10	< 10	0.0%	9945820	< 10	< 10	0.0%
Te	9945781	< 10	12		9945795	23	26	12.2%	9945806	21	18	15.4%	9945820	15	18	18.2%
Th	9945781	< 5	< 5	0.0%	9945795	< 5	< 5	0.0%	9945806	< 5	< 5	0.0%	9945820	< 5	< 5	0.0%
Ti	9945781	0.65	0.65	0.0%	9945795	0.95	0.998	4.9%	9945806	0.91	0.93	2.2%	9945820	0.89	0.87	2.3%
Tl	9945781	< 5	< 5	0.0%	9945795	< 5	< 5	0.0%	9945806	< 5	< 5	0.0%	9945820	< 5	< 5	0.0%
U	9945781	< 50	< 50	0.0%	9945795	< 50	< 50	0.0%	9945806	< 50	< 50	0.0%	9945820	< 50	< 50	0.0%
V	9945781	318	319	0.3%	9945795	355	357	0.6%	9945806	355	356	0.3%	9945820	348	351	0.9%
W	9945781	< 1	2		9945795	< 1	< 1	0.0%	9945806	< 1	< 1	0.0%	9945820	< 1	1	
Y	9945781	25	26	3.9%	9945795	34	34	0.0%	9945806	30	32	6.5%	9945820	29	29	0.0%
Zn	9945781	101	98.5	2.5%	9945795	118	123	4.1%	9945806	120	123	2.5%	9945820	120	113	6.0%
Zr	9945781	23	23	0.0%	9945795	16	14	13.3%	9945806	15	17	12.5%	9945820	19	19	0.0%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	9945831	< 0.5	< 0.5	0.0%	9945845	< 0.5	< 0.5	0.0%								
Al	9945831	7.28	7.49	2.8%	9945845	7.50	7.70	2.6%								
As	9945831	< 1	3		9945845	< 1	< 1	0.0%								
Ba	9945831	461	484	4.9%	9945845	494	495	0.2%								
Be	9945831	0.6	0.5	18.2%	9945845	0.7	< 0.5									
Bi	9945831	< 1	< 1	0.0%	9945845	< 1	< 1	0.0%								
Ca	9945831	3.28	3.36	2.4%	9945845	4.22	4.18	1.0%								
Cd	9945831	< 0.5	< 0.5	0.0%	9945845	< 0.5	< 0.5	0.0%								
Ce	9945831	43	41	4.8%	9945845	45	43	4.5%								
Co	9945831	22.3	20.7	7.4%	9945845	23.2	21.5	7.6%								
Cr	9945831	118	113	4.3%	9945845	136	162	17.4%								
Cu	9945831	36.9	38.9	5.3%	9945845	46.8	48.0	2.5%								
Fe	9945831	4.71	4.73	0.4%	9945845	5.06	5.07	0.2%								
Ga	9945831	28	27	3.6%	9945845	27	26	3.8%								
In	9945831	< 1	< 1	0.0%	9945845	< 1	< 1	0.0%								
K	9945831	1.66	1.68	1.2%	9945845	0.975	1.01	3.5%								
La	9945831	19	18	5.4%	9945845	19	19	0.0%								
Li	9945831	16	16	0.0%	9945845	19	19	0.0%								
Mg	9945831	1.72	1.71	0.6%	9945845	1.90	1.93	1.6%								
Mn	9945831	802	784	2.3%	9945845	953	957	0.4%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	9945831	4.2	5.0	17.4%	9945845	6.65	6.00	10.3%								
Na	9945831	2.24	2.36	5.2%	9945845	2.59	2.61	0.8%								
Ni	9945831	58.4	56.3	3.7%	9945845	64.6	61.0	5.7%								
P	9945831	638	574	10.6%	9945845	767	750	2.2%								
Pb	9945831	< 20	< 20	0.0%	9945845	< 20	< 20	0.0%								
Rb	9945831	< 50	< 50	0.0%	9945845	< 50	< 50	0.0%								
S	9945831	0.05	0.05	0.0%	9945845	0.09	0.09	0.0%								
Sb	9945831	< 1	< 1	0.0%	9945845	< 1	< 1	0.0%								
Sc	9945831	20	20	0.0%	9945845	21	21	0.0%								
Se	9945831	< 10	< 10	0.0%	9945845	< 10	< 10	0.0%								
Sn	9945831	< 5	< 5	0.0%	9945845	< 5	< 5	0.0%								
Sr	9945831	337	352	4.4%	9945845	361	370	2.5%								
Ta	9945831	< 10	< 10	0.0%	9945845	< 10	< 10	0.0%								
Te	9945831	< 10	< 10	0.0%	9945845	< 10	< 10	0.0%								
Th	9945831	< 5	< 5	0.0%	9945845	< 5	< 5	0.0%								
Ti	9945831	0.38	0.38	0.0%	9945845	0.42	0.42	0.0%								
Tl	9945831	< 5	< 5	0.0%	9945845	< 5	< 5	0.0%								
U	9945831	< 50	< 50	0.0%	9945845	< 50	< 50	0.0%								
V	9945831	144	140	2.8%	9945845	152	150	1.3%								
W	9945831	< 1	1		9945845	< 1	2									
Y	9945831	13	13	0.0%	9945845	15	15	0.0%								
Zn	9945831	69.3	69.4	0.1%	9945845	74.6	71.6	4.1%								
Zr	9945831	104	100	3.9%	9945845	90	94	4.3%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	9945781	0.009	0.004		9945795	0.003	0.002		9945806	0.005	0.003		9945820	0.004	0.004	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	9945831	0.0034	0.0038	11.1%	9945845	0.0083	0.0098	16.6%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.78	98%	90% - 110%	8.17	7.81	96%	90% - 110%	6.96	6.95	100%	90% - 110%	10.95	10.89	99%	90% - 110%
As					26	24	92%	90% - 110%	124	130	105%	90% - 110%				
Ba	340	343	101%	90% - 110%	540	516	96%	90% - 110%	186	191	103%	90% - 110%	340	336	99%	90% - 110%
Be	2.6	3	114%	90% - 110%	4.0	4.2	105%	90% - 110%					2.6	2.7	103%	90% - 110%
Ca	5.72	5.79	101%	90% - 110%	0.907	0.895	99%	90% - 110%	4.01	4.21	105%	90% - 110%	5.72	5.95	104%	90% - 110%
Ce	122	127	104%	90% - 110%	98	106	108%	90% - 110%	24	22	93%	90% - 110%	122	124	102%	90% - 110%
Co									22.1	21.5	97%	90% - 110%				
Cr					60.3	62.9	104%	90% - 110%								
Cu					150	141	94%	90% - 110%	88.6	83.6	94%	90% - 110%	7	6.8	97%	90% - 110%
Fe	4.34	4.07	94%	90% - 110%	3.77	3.58	95%	90% - 110%	7.56	7.51	99%	90% - 110%	4.34	4.22	97%	90% - 110%
Ga	35	35	101%	90% - 110%									35	35	100%	90% - 110%
K	1.37	1.44	105%	90% - 110%					2.021	2.096	104%	90% - 110%	1.37	1.44	105%	90% - 110%
La	58	54	93%	90% - 110%	44	43.0	98%	90% - 110%					58	52.7	91%	90% - 110%
Li	37	37	101%	90% - 110%	47	43	91%	90% - 110%					37	36	98%	90% - 110%
Mg	0.325	0.305	94%	90% - 110%	1.10	1.03	94%	90% - 110%	2.412	2.453	102%	90% - 110%	0.325	0.312	96%	90% - 110%
Mn					780	730	94%	90% - 110%	1510	1493	99%	90% - 110%				
Mo					14	13	90%	90% - 110%								
Na	5.267	5.388	102%	90% - 110%	1.624	1.618	100%	90% - 110%	0.617	0.622	101%	90% - 110%	5.267	5.183	98%	90% - 110%
Ni	9	8	88%	90% - 110%	32	32	100%	90% - 110%	77.1	76	99%	90% - 110%	9	8.3	92%	90% - 110%
P					750	730	97%	90% - 110%	892	963	108%	90% - 110%				
Pb	10	9	90%	90% - 110%	31	29	94%	90% - 110%					10	9	90%	90% - 110%
S									0.348	0.334	96%	90% - 110%				
Sc					12	13	107%	90% - 110%					1.1	0.9	81%	90% - 110%
Sr	1191	1199	101%	90% - 110%	144	147	102%	90% - 110%	92.8	89.9	97%	90% - 110%	1191	1164	98%	90% - 110%
Ti	0.172	0.172	100%	90% - 110%	0.53	0.52	98%	90% - 110%					0.172	0.177	103%	90% - 110%
V	8	7	87%	90% - 110%	77	82	106%	90% - 110%					8	7.5	93%	90% - 110%
W					5	6	113%	90% - 110%								
Y	119	120	101%	90% - 110%									119	118	99%	90% - 110%
Zn	93	94	102%	90% - 110%	130	123	94%	90% - 110%	208	220	106%	90% - 110%	93	97	104%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS5W)				CRM #4 (ref.1P5Q)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.27	5	95%	90% - 110%	0.725	0.702	97%	90% - 110%	5.27	4.91	93%	90% - 110%	1.329	1.203	91%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00551  
 SAMPLING SITE:

AGAT WORK ORDER: 19T443817  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00553

AGAT WORK ORDER: 19T444195

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Mar 26, 2019

PAGES (INCLUDING COVER): 25

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T444195

PROJECT: AGAT00553

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 06, 2019      DATE RECEIVED: Mar 07, 2019      DATE REPORTED: Mar 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
A73551 (9948119)		1.85
A73552 (9948120)		2.26
A73553 (9948121)		2.51
A73554 (9948122)		1.71
A73555 (9948123)		0.780
A73556 (9948124)		1.80
A73557 (9948125)		2.28
A73558 (9948126)		2.28
A73559 (9948127)		1.98
A73560 (9948128)		2.12
A73561 (9948129)		2.08
A73562 (9948130)		0.950
A73563 (9948131)		1.24
A73564 (9948132)		2.25
A74443 (9948133)		1.45
A74444 (9948134)		1.25
A74445 (9948135)		1.74
A74446 (9948136)		0.0700
A74447 (9948137)		1.17
A74448 (9948138)		2.23
A74449 (9948139)		1.26
A74450 (9948140)		1.96
A74451 (9948141)		1.60
A74452 (9948142)		2.52
A74453 (9948143)		2.26
A74454 (9948144)		1.96
A74455 (9948145)		2.38
A74456 (9948146)		2.39
A74457 (9948147)		2.40
A74458 (9948148)		2.40
A74459 (9948149)		2.28

Certified By:

# Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (200-) Sample Login Weight

DATE SAMPLED: Mar 06, 2019

DATE RECEIVED: Mar 07, 2019

DATE REPORTED: Mar 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
A74460 (9948150)		2.30
A74461 (9948151)		2.35
A74462 (9948152)		2.04
A74463 (9948153)		0.840
A74464 (9948154)		1.55
A74465 (9948155)		2.31
A74466 (9948156)		0.0700
A74467 (9948157)		2.05
A74468 (9948158)		2.36
A74469 (9948159)		0.980
A74470 (9948160)		1.47
A74471 (9948161)		2.02
A74472 (9948162)		1.60
A74473 (9948163)		2.36
A74474 (9948164)		2.33
A74475 (9948165)		2.20
A74476 (9948166)		0.840
A74477 (9948167)		2.50
A74478 (9948168)		2.50
A74479 (9948169)		1.13
A74480 (9948170)		2.16
A74481 (9948171)		2.31
A74482 (9948172)		2.09
A74483 (9948173)		2.19
A74484 (9948174)		1.80
A74485 (9948175)		2.60
A74486 (9948176)		0.0600
A74487 (9948177)		2.81
A74488 (9948178)		1.72
A74489 (9948179)		2.54
A74490 (9948180)		1.63

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T444195

PROJECT: AGAT00553

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking


## (200-) Sample Login Weight

DATE SAMPLED: Mar 06, 2019      DATE RECEIVED: Mar 07, 2019      DATE REPORTED: Mar 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
A74491 (9948181)		2.25
A74492 (9948182)		2.04
A74493 (9948183)		2.17
A74494 (9948184)		0.940
A74495 (9948185)		0.740
A74496 (9948186)		1.52
A74497 (9948187)		0.960
A74498 (9948188)		0.960
A74499 (9948189)		2.04
A74500 (9948190)		2.00

Comments: RDL - Reported Detection Limit

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T444195

PROJECT: AGAT00553

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019							DATE REPORTED: Mar 26, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
A73551 (9948119)	<0.5	7.09	2	577	1.2	<1	1.86	<0.5	69	13.5	87.4	22.3	4.00	29	
A73552 (9948120)	<0.5	0.07	2	12	<0.5	<1	30.6	<0.5	<1	0.7	3.2	<0.5	0.12	13	
A73553 (9948121)	<0.5	2.84	<1	51	1.9	2	9.40	<0.5	54	51.1	364	81.8	7.12	34	
A73554 (9948122)	<0.5	7.05	<1	666	1.1	1	2.19	<0.5	39	16.6	91.9	46.3	3.87	27	
A73555 (9948123)	<0.5	2.79	<1	99	2.0	<1	10.4	<0.5	136	46.2	279	99.6	6.64	32	
A73556 (9948124)	<0.5	7.75	3	716	1.1	<1	2.58	<0.5	99	16.0	95.1	33.5	3.97	30	
A73557 (9948125)	<0.5	7.26	<1	721	1.0	2	2.52	<0.5	45	17.2	116	48.4	4.15	27	
A73558 (9948126)	<0.5	7.22	<1	729	1.1	<1	2.35	<0.5	46	17.9	101	47.5	4.05	28	
A73559 (9948127)	<0.5	7.61	<1	765	1.0	<1	2.47	<0.5	58	14.1	127	27.5	3.53	29	
A73560 (9948128)	<0.5	7.42	<1	767	1.0	2	2.61	<0.5	52	16.9	121	45.3	4.02	30	
A73561 (9948129)	<0.5	7.19	2	699	1.4	2	2.61	<0.5	47	17.0	124	47.8	4.13	27	
A73562 (9948130)	<0.5	6.72	4	698	3.4	<1	3.15	<0.5	60	15.9	94.7	46.5	4.03	29	
A73563 (9948131)	<0.5	2.74	6	257	1.8	<1	9.79	<0.5	156	50.1	242	73.7	7.22	32	
A73564 (9948132)	<0.5	2.71	<1	206	1.9	<1	9.45	<0.5	147	48.2	254	62.0	6.62	31	
A74443 (9948133)	<0.5	7.75	<1	462	1.0	<1	3.14	<0.5	46	19.3	107	44.1	4.76	33	
A74444 (9948134)	<0.5	7.49	<1	639	1.0	<1	2.32	<0.5	54	12.1	89.7	24.4	3.46	30	
A74445 (9948135)	<0.5	7.69	<1	412	1.0	1	2.99	<0.5	48	19.8	116	44.6	4.87	32	
A74446 (9948136)	<0.5	7.37	6	87	0.8	7	7.68	<0.5	8	35.8	151	164	7.29	35	
A74447 (9948137)	<0.5	7.77	<1	528	1.0	2	2.77	<0.5	41	17.9	107	48.8	4.65	35	
A74448 (9948138)	<0.5	7.17	<1	502	0.9	<1	2.67	<0.5	42	18.4	122	45.6	4.49	32	
A74449 (9948139)	<0.5	6.72	<1	658	2.8	6	3.60	<0.5	55	19.5	143	56.8	4.74	29	
A74450 (9948140)	<0.5	2.76	<1	684	3.4	25	7.26	<0.5	93	46.1	566	110	8.13	38	
A74451 (9948141)	<0.5	7.45	<1	490	1.1	<1	3.01	<0.5	44	16.5	98.3	40.3	4.47	30	
A74452 (9948142)	<0.5	0.12	3	15	<0.5	<1	31.7	<0.5	<1	0.8	2.9	<0.5	0.10	12	
A74453 (9948143)	<0.5	7.81	2	596	1.1	<1	2.95	<0.5	49	16.2	104	33.6	4.29	32	
A74454 (9948144)	<0.5	7.53	<1	460	0.9	2	2.98	<0.5	49	18.0	108	31.0	4.53	32	
A74455 (9948145)	<0.5	7.52	<1	722	1.6	11	5.00	<0.5	81	22.3	174	68.2	5.68	36	
A74456 (9948146)	<0.5	7.94	<1	557	0.9	5	3.07	<0.5	49	16.2	103	50.2	4.68	32	
A74457 (9948147)	<0.5	7.88	<1	493	1.0	4	3.45	<0.5	46	21.3	111	75.8	5.16	28	
A74458 (9948148)	<0.5	7.92	<1	496	1.0	2	3.41	<0.5	45	19.9	118	77.4	5.24	33	
A74459 (9948149)	<0.5	7.56	<1	466	0.9	2	3.27	<0.5	48	18.5	95.5	43.9	4.89	32	
A74460 (9948150)	<0.5	7.56	<1	407	1.7	<1	2.87	<0.5	42	16.6	111	29.7	4.15	33	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T444195

PROJECT: AGAT00553

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019							DATE REPORTED: Mar 26, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
A74461 (9948151)	<0.5	7.72	<1	554	1.0	2	3.15	<0.5	49	18.3	104	33.9	4.61	33	
A74462 (9948152)	<0.5	7.51	<1	691	1.4	<1	3.91	<0.5	54	19.7	114	91.8	4.76	32	
A74463 (9948153)	<0.5	7.80	<1	824	0.9	3	2.93	<0.5	35	13.3	102	43.2	4.11	31	
A74464 (9948154)	<0.5	7.06	<1	596	0.9	<1	2.32	<0.5	47	16.7	119	29.1	3.91	30	
A74465 (9948155)	<0.5	7.47	<1	543	0.9	2	2.78	<0.5	50	17.7	110	44.5	4.44	31	
A74466 (9948156)	<0.5	7.46	<1	196	1.2	11	6.43	<0.5	20	35.3	138	112	7.64	41	
A74467 (9948157)	<0.5	7.37	<1	550	0.9	3	2.43	<0.5	43	17.5	111	43.0	4.39	28	
A74468 (9948158)	<0.5	7.01	<1	484	1.4	1	3.72	<0.5	82	17.4	98.9	51.4	4.67	33	
A74469 (9948159)	<0.5	7.51	<1	670	1.0	<1	2.48	<0.5	52	16.8	103	35.6	3.87	30	
A74470 (9948160)	<0.5	7.81	<1	638	0.9	1	2.58	<0.5	49	15.7	93.2	48.0	4.13	31	
A74471 (9948161)	<0.5	7.60	<1	524	0.9	1	2.99	<0.5	48	16.0	95.9	36.4	4.35	29	
A74472 (9948162)	<0.5	0.07	<1	15	<0.5	<1	31.9	<0.5	<1	<0.5	2.2	<0.5	0.12	12	
A74473 (9948163)	<0.5	7.57	<1	596	0.8	4	3.09	<0.5	50	15.4	129	35.0	4.26	31	
A74474 (9948164)	<0.5	7.80	<1	670	0.9	2	2.93	<0.5	57	15.9	104	43.2	4.26	30	
A74475 (9948165)	<0.5	6.73	<1	532	0.9	<1	2.53	<0.5	47	17.5	154	31.1	3.96	30	
A74476 (9948166)	<0.5	7.80	<1	744	1.0	2	2.94	<0.5	49	19.5	95.4	76.9	4.87	32	
A74477 (9948167)	<0.5	7.84	<1	647	0.9	3	2.58	<0.5	53	16.1	109	31.4	3.93	28	
A74478 (9948168)	<0.5	7.57	<1	620	0.9	2	2.51	<0.5	52	15.8	89.3	27.4	3.77	27	
A74479 (9948169)	<0.5	7.89	<1	707	1.0	2	3.09	<0.5	53	14.9	106	32.3	3.89	28	
A74480 (9948170)	<0.5	7.45	3	666	0.9	<1	3.11	<0.5	52	16.4	111	29.5	3.89	29	
A74481 (9948171)	<0.5	7.46	<1	652	1.0	2	2.98	<0.5	56	19.0	114	54.0	4.26	31	
A74482 (9948172)	<0.5	7.33	<1	668	1.0	2	2.02	<0.5	45	17.8	102	48.1	4.34	30	
A74483 (9948173)	<0.5	7.58	<1	622	0.9	<1	2.52	<0.5	52	15.9	97.5	28.0	3.73	28	
A74484 (9948174)	<0.5	7.53	<1	662	0.8	<1	2.40	<0.5	47	15.8	104	39.9	3.85	27	
A74485 (9948175)	<0.5	8.09	<1	657	0.9	3	3.00	<0.5	51	15.9	102	48.1	4.62	32	
A74486 (9948176)	<0.5	7.32	<1	191	1.2	10	6.27	<0.5	20	33.3	150	108	7.35	37	
A74487 (9948177)	<0.5	7.60	<1	581	0.9	<1	2.79	<0.5	47	16.2	85.6	42.8	4.13	31	
A74488 (9948178)	<0.5	7.42	<1	594	1.0	<1	2.51	<0.5	53	18.1	103	40.7	4.02	29	
A74489 (9948179)	<0.5	7.25	<1	581	1.0	<1	2.71	<0.5	46	19.6	103	51.4	4.22	31	
A74490 (9948180)	<0.5	7.57	<1	680	1.0	<1	3.02	<0.5	48	17.7	120	59.5	4.58	30	
A74491 (9948181)	<0.5	7.68	<1	665	1.0	2	3.34	<0.5	51	16.9	103	46.3	4.74	29	
A74492 (9948182)	<0.5	0.07	2	13	<0.5	<1	31.2	<0.5	<1	<0.5	3.9	<0.5	0.13	13	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T444195

PROJECT: AGAT00553

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019		DATE REPORTED: Mar 26, 2019		SAMPLE TYPE: Drill Core									
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5
A74493 (9948183)	<0.5	7.97	<1	811	1.0	1	3.05	<0.5	60	18.3	119	41.4	4.64	32
A74494 (9948184)	<0.5	7.69	<1	830	1.1	2	3.14	<0.5	42	18.3	103	58.1	4.89	30
A74495 (9948185)	<0.5	4.45	<1	626	0.7	1	1.97	<0.5	47	13.0	151	34.4	4.03	23
A74496 (9948186)	<0.5	6.93	<1	583	1.1	<1	1.72	<0.5	51	19.4	101	40.6	3.94	31
A74497 (9948187)	<0.5	6.89	4	450	0.9	<1	1.64	<0.5	44	16.9	98.0	60.1	3.84	31
A74498 (9948188)	<0.5	6.97	3	455	0.9	<1	1.66	<0.5	44	16.5	83.3	60.2	3.84	29
A74499 (9948189)	<0.5	5.82	6	193	0.8	<1	3.58	<0.5	90	17.0	86.3	21.9	4.95	32
A74500 (9948190)	<0.5	6.71	3	411	1.0	<1	1.75	<0.5	42	15.9	71.0	36.1	4.08	30

Certified By:

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PROJECT: AGAT00553

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019					DATE REPORTED: Mar 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
A73551 (9948119)	<1	1.94	31	32	1.65	384	3.6	3.47	54.9	956	<20	<50	0.08	<1	
A73552 (9948120)	<1	0.01	3	1	2.88	76	1.4	0.04	0.8	68	<20	<50	<0.01	<1	
A73553 (9948121)	<1	1.65	26	59	5.88	2020	1.5	1.52	398	1170	<20	<50	0.11	<1	
A73554 (9948122)	<1	1.80	17	32	1.56	602	5.5	3.75	51.6	613	<20	<50	0.14	1	
A73555 (9948123)	<1	2.84	63	132	6.34	1790	1.0	1.12	299	1610	<20	<50	0.06	<1	
A73556 (9948124)	<1	2.10	45	23	1.62	573	6.1	3.41	53.4	1010	<20	<50	0.10	<1	
A73557 (9948125)	<1	1.88	20	19	1.65	679	5.9	3.17	52.4	584	<20	<50	0.15	<1	
A73558 (9948126)	<1	1.83	21	16	1.58	652	6.0	3.05	48.4	606	<20	<50	0.15	<1	
A73559 (9948127)	<1	1.61	27	14	1.44	523	5.0	3.24	44.8	682	<20	<50	0.08	<1	
A73560 (9948128)	<1	1.64	24	18	1.64	624	6.6	3.04	52.0	705	<20	<50	0.12	<1	
A73561 (9948129)	<1	1.43	22	33	1.63	646	5.9	3.53	49.1	691	<20	<50	0.14	<1	
A73562 (9948130)	<1	0.84	29	106	1.94	678	5.3	5.22	60.6	880	<20	<50	0.14	<1	
A73563 (9948131)	<1	3.25	71	255	7.03	1980	1.7	0.88	298	6200	<20	<50	0.20	<1	
A73564 (9948132)	<1	3.04	68	291	6.68	1750	2.4	0.94	332	4000	<20	<50	0.08	<1	
A74443 (9948133)	<1	1.35	19	28	1.93	889	4.9	2.89	54.4	720	<20	<50	0.09	<1	
A74444 (9948134)	<1	1.49	26	27	1.19	561	7.5	2.92	38.4	630	<20	<50	0.05	<1	
A74445 (9948135)	<1	1.32	21	26	1.88	953	4.5	3.02	49.9	729	<20	<50	0.12	<1	
A74446 (9948136)	<1	0.25	4	14	4.38	1330	<0.5	1.74	95.2	356	<20	<50	0.20	<1	
A74447 (9948137)	<1	1.03	18	23	1.66	849	6.9	3.32	45.1	703	<20	<50	0.10	<1	
A74448 (9948138)	<1	1.11	19	19	1.74	849	4.7	3.11	52.8	647	<20	<50	0.11	<1	
A74449 (9948139)	<1	0.91	24	28	2.21	983	4.7	3.81	81.7	955	<20	<50	0.11	<1	
A74450 (9948140)	<1	1.99	44	36	9.00	1860	1.4	1.28	463	1720	24	<50	0.16	<1	
A74451 (9948141)	<1	1.01	19	26	1.82	849	5.9	3.81	47.5	728	<20	<50	0.11	<1	
A74452 (9948142)	<1	0.04	3	<1	2.12	64	1.3	0.06	0.7	85	<20	<50	<0.01	<1	
A74453 (9948143)	<1	1.33	22	20	1.69	779	5.2	3.25	49.3	747	<20	<50	0.07	<1	
A74454 (9948144)	<1	1.37	22	15	1.67	919	7.2	2.91	49.7	798	<20	<50	0.07	<1	
A74455 (9948145)	<1	1.42	35	31	3.16	1280	3.2	3.20	114	1620	<20	<50	0.17	<1	
A74456 (9948146)	<1	1.35	21	23	1.78	847	4.4	3.23	49.7	759	<20	<50	0.12	<1	
A74457 (9948147)	<1	1.33	20	24	1.95	1020	5.9	3.03	59.5	743	<20	<50	0.16	<1	
A74458 (9948148)	<1	1.36	19	24	1.97	1030	4.2	3.00	57.0	726	<20	<50	0.16	<1	
A74459 (9948149)	<1	1.30	21	20	1.83	963	5.2	2.86	53.2	731	<20	<50	0.10	<1	
A74460 (9948150)	<1	1.70	18	18	1.53	843	4.6	2.87	44.0	664	<20	<50	0.07	<1	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T444195

PROJECT: AGAT00553

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019					DATE REPORTED: Mar 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
A74461 (9948151)	<1	1.48	21	20	1.74	867	4.9	2.89	49.5	759	<20	<50	0.10	<1	
A74462 (9948152)	<1	1.26	24	32	1.91	985	5.3	2.81	46.1	1160	<20	<50	0.41	<1	
A74463 (9948153)	<1	1.49	15	19	1.56	825	6.1	2.98	42.6	837	<20	<50	0.23	<1	
A74464 (9948154)	<1	1.61	20	22	1.56	646	4.7	2.68	49.5	689	<20	<50	0.12	<1	
A74465 (9948155)	<1	1.47	22	22	1.83	767	5.3	2.83	55.1	677	<20	<50	0.14	<1	
A74466 (9948156)	<1	0.45	9	10	4.23	1340	<0.5	2.38	103	887	<20	<50	0.08	<1	
A74467 (9948157)	<1	1.60	19	22	1.55	724	5.4	2.85	48.5	619	<20	<50	0.11	2	
A74468 (9948158)	<1	1.76	39	25	2.29	734	4.7	3.10	61.4	1390	<20	<50	0.13	<1	
A74469 (9948159)	<1	1.66	24	24	1.46	602	5.3	3.08	51.8	1290	<20	<50	0.10	<1	
A74470 (9948160)	<1	1.53	22	22	1.48	707	6.0	3.11	44.0	680	<20	<50	0.12	<1	
A74471 (9948161)	<1	1.53	21	24	1.65	830	5.9	2.98	46.8	705	<20	<50	0.10	<1	
A74472 (9948162)	<1	0.01	2	1	2.69	81	0.8	0.04	<0.5	63	<20	<50	<0.01	<1	
A74473 (9948163)	<1	1.61	23	19	1.55	839	6.6	3.05	44.0	650	<20	<50	0.12	<1	
A74474 (9948164)	<1	1.53	25	21	1.58	791	7.4	2.92	43.8	790	<20	<50	0.13	<1	
A74475 (9948165)	<1	1.63	22	22	1.50	737	7.9	2.49	51.0	652	<20	<50	0.10	<1	
A74476 (9948166)	<1	1.76	21	16	1.67	864	5.4	3.07	49.1	728	<20	<50	0.23	<1	
A74477 (9948167)	<1	2.00	24	26	1.60	698	5.2	3.05	49.6	656	<20	<50	0.08	<1	
A74478 (9948168)	<1	1.93	24	24	1.56	666	5.3	2.91	52.2	648	<20	<50	0.08	<1	
A74479 (9948169)	<1	1.59	25	25	1.62	694	5.9	3.14	48.2	669	<20	<50	0.07	<1	
A74480 (9948170)	<1	1.40	24	20	1.67	690	6.3	2.69	47.9	638	<20	<50	0.08	<1	
A74481 (9948171)	<1	1.56	25	21	1.70	707	6.3	2.64	50.3	727	<20	<50	0.15	2	
A74482 (9948172)	<1	1.96	20	23	1.79	674	5.8	2.52	47.3	620	<20	<50	0.13	<1	
A74483 (9948173)	<1	1.74	24	21	1.63	628	6.0	3.16	47.2	635	<20	<50	0.06	<1	
A74484 (9948174)	<1	1.83	22	26	1.46	599	6.3	2.85	47.6	645	<20	<50	0.11	<1	
A74485 (9948175)	<1	1.62	23	21	1.70	841	5.4	3.08	47.3	725	<20	<50	0.11	<1	
A74486 (9948176)	<1	0.44	9	10	4.11	1310	<0.5	2.32	98.8	884	<20	<50	0.08	<1	
A74487 (9948177)	<1	1.71	21	19	1.46	772	6.8	3.05	42.7	686	<20	<50	0.13	<1	
A74488 (9948178)	<1	1.63	24	20	1.83	702	4.8	3.00	52.6	722	<20	<50	0.12	<1	
A74489 (9948179)	<1	1.56	20	20	1.64	726	6.3	2.77	48.9	632	<20	<50	0.14	<1	
A74490 (9948180)	<1	1.48	22	20	1.51	819	6.5	2.87	44.1	662	<20	<50	0.18	<1	
A74491 (9948181)	<1	1.34	23	20	1.52	887	7.8	2.98	44.2	744	<20	<50	0.14	<1	
A74492 (9948182)	<1	0.02	3	1	3.66	97	0.6	0.05	0.8	78	<20	<50	<0.01	<1	

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## Certificate of Analysis

AGAT WORK ORDER: 19T444195

PROJECT: AGAT00553

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019					DATE REPORTED: Mar 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
A74493 (9948183)	<1	1.67	27	15	1.69	822	5.1	3.05	50.0	821	<20	<50	0.12	<1	
A74494 (9948184)	<1	1.51	19	20	1.84	811	5.1	3.12	50.8	668	<20	<50	0.19	1	
A74495 (9948185)	<1	1.29	23	20	1.63	585	10.8	1.59	38.1	1110	<20	<50	0.12	<1	
A74496 (9948186)	<1	1.43	23	18	1.64	444	6.2	3.14	47.7	591	<20	<50	0.20	<1	
A74497 (9948187)	<1	1.66	20	20	1.66	429	5.5	3.56	44.6	368	<20	<50	0.13	<1	
A74498 (9948188)	<1	1.66	19	20	1.68	433	5.8	3.62	43.8	333	<20	<50	0.13	<1	
A74499 (9948189)	<1	0.99	43	26	2.44	724	4.9	3.07	58.7	252	<20	<50	0.16	<1	
A74500 (9948190)	<1	1.20	20	24	1.73	402	4.9	3.98	43.8	277	<20	<50	0.16	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019					DATE REPORTED: Mar 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
A73551 (9948119)	11	<10	<5	410	<10	<10	<5	0.20	<5	<50	82.0	<1	9	35.4	
A73552 (9948120)	<1	<10	<5	64	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	3.1	
A73553 (9948121)	29	<10	<5	656	<10	<10	<5	0.52	<5	<50	213	<1	24	36.0	
A73554 (9948122)	14	<10	<5	390	<10	<10	<5	0.23	<5	<50	107	<1	9	41.7	
A73555 (9948123)	40	<10	<5	931	<10	<10	<5	0.45	<5	<50	214	<1	23	42.8	
A73556 (9948124)	14	<10	<5	464	<10	<10	<5	0.31	<5	<50	111	<1	14	63.8	
A73557 (9948125)	15	<10	<5	489	<10	<10	<5	0.33	<5	<50	113	<1	13	85.5	
A73558 (9948126)	15	<10	<5	456	<10	<10	<5	0.33	<5	<50	115	<1	14	75.6	
A73559 (9948127)	13	<10	<5	497	<10	<10	<5	0.32	<5	<50	98.8	<1	11	63.0	
A73560 (9948128)	15	<10	6	477	<10	<10	<5	0.36	<5	<50	118	<1	13	96.9	
A73561 (9948129)	16	<10	<5	498	<10	<10	<5	0.34	<5	<50	123	<1	14	65.4	
A73562 (9948130)	18	<10	<5	605	<10	<10	<5	0.32	<5	<50	146	<1	15	38.6	
A73563 (9948131)	28	<10	5	1410	<10	<10	<5	0.46	<5	<50	200	<1	27	61.3	
A73564 (9948132)	35	<10	6	1170	<10	<10	<5	0.47	<5	<50	207	<1	22	75.7	
A74443 (9948133)	18	<10	<5	432	<10	<10	<5	0.42	<5	<50	137	<1	15	76.3	
A74444 (9948134)	10	<10	<5	333	<10	<10	<5	0.29	<5	<50	85.8	<1	7	73.0	
A74445 (9948135)	18	<10	7	481	<10	<10	<5	0.41	5	<50	140	<1	17	73.4	
A74446 (9948136)	39	<10	5	181	<10	<10	<5	0.61	<5	<50	267	<1	18	76.2	
A74447 (9948137)	17	<10	<5	543	<10	<10	<5	0.40	<5	<50	133	<1	14	64.2	
A74448 (9948138)	17	<10	<5	471	<10	<10	<5	0.38	<5	<50	129	<1	14	74.3	
A74449 (9948139)	16	<10	<5	506	<10	<10	<5	0.64	<5	<50	147	<1	20	241	
A74450 (9948140)	18	<10	<5	769	<10	46	<5	2.13	<5	<50	241	<1	19	81.2	
A74451 (9948141)	16	<10	<5	427	<10	<10	<5	0.39	<5	<50	121	<1	15	70.6	
A74452 (9948142)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	2.4	
A74453 (9948143)	15	<10	<5	379	<10	<10	<5	0.38	<5	<50	119	<1	13	69.0	
A74454 (9948144)	16	<10	<5	543	<10	<10	<5	0.40	<5	<50	122	<1	13	70.8	
A74455 (9948145)	18	<10	6	622	<10	16	<5	0.88	<5	<50	159	<1	20	80.3	
A74456 (9948146)	15	<10	<5	516	<10	<10	<5	0.42	<5	<50	115	<1	12	70.9	
A74457 (9948147)	18	<10	<5	503	<10	<10	<5	0.43	<5	<50	132	<1	15	110	
A74458 (9948148)	18	<10	<5	506	<10	<10	<5	0.44	<5	<50	131	<1	15	110	
A74459 (9948149)	17	<10	5	489	<10	<10	<5	0.41	<5	<50	132	<1	14	73.7	
A74460 (9948150)	16	<10	<5	423	<10	<10	<5	0.36	<5	<50	111	<1	16	60.6	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019					DATE REPORTED: Mar 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
A74461 (9948151)	16	<10	5	497	<10	<10	<5	0.41	<5	<50	127	<1	14	69.4	
A74462 (9948152)	24	<10	<5	477	<10	<10	<5	0.39	<5	<50	143	<1	19	74.6	
A74463 (9948153)	37	<10	<5	494	<10	<10	<5	0.31	<5	<50	109	<1	18	72.7	
A74464 (9948154)	16	<10	<5	486	<10	<10	<5	0.38	<5	<50	123	<1	13	70.3	
A74465 (9948155)	16	<10	<5	437	<10	<10	<5	0.42	<5	<50	128	<1	13	78.8	
A74466 (9948156)	32	<10	6	252	<10	17	<5	0.87	<5	<50	230	<1	20	87.6	
A74467 (9948157)	16	<10	<5	513	<10	<10	<5	0.42	<5	<50	130	<1	13	71.0	
A74468 (9948158)	23	<10	<5	608	<10	<10	<5	0.39	<5	<50	154	<1	15	44.6	
A74469 (9948159)	14	<10	<5	525	<10	<10	<5	0.33	<5	<50	105	<1	12	55.4	
A74470 (9948160)	14	<10	<5	620	<10	<10	<5	0.38	<5	<50	110	<1	12	74.2	
A74471 (9948161)	15	<10	<5	444	<10	<10	<5	0.36	<5	<50	116	<1	13	70.5	
A74472 (9948162)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	2.4	
A74473 (9948163)	14	<10	<5	521	<10	<10	<5	0.36	<5	<50	110	<1	13	68.6	
A74474 (9948164)	14	<10	<5	577	<10	<10	<5	0.39	<5	<50	114	<1	14	70.1	
A74475 (9948165)	15	<10	<5	451	<10	<10	<5	0.34	<5	<50	114	<1	13	77.8	
A74476 (9948166)	16	<10	<5	544	<10	<10	<5	0.42	<5	<50	132	<1	15	82.2	
A74477 (9948167)	13	<10	<5	581	<10	<10	<5	0.35	<5	<50	104	<1	12	70.3	
A74478 (9948168)	13	<10	<5	566	<10	<10	<5	0.33	<5	<50	104	<1	12	64.9	
A74479 (9948169)	14	<10	<5	473	<10	<10	<5	0.36	<5	<50	113	<1	12	68.6	
A74480 (9948170)	14	<10	<5	318	<10	<10	<5	0.37	<5	<50	116	<1	12	70.5	
A74481 (9948171)	17	<10	<5	415	<10	<10	<5	0.41	<5	<50	136	<1	14	74.9	
A74482 (9948172)	17	<10	<5	458	<10	<10	<5	0.41	<5	<50	135	<1	12	73.0	
A74483 (9948173)	13	<10	<5	511	<10	<10	<5	0.32	<5	<50	97.9	<1	11	58.8	
A74484 (9948174)	14	<10	<5	489	<10	<10	<5	0.36	<5	<50	111	<1	12	60.0	
A74485 (9948175)	15	<10	<5	638	<10	<10	<5	0.40	<5	<50	117	<1	13	88.6	
A74486 (9948176)	31	<10	<5	245	<10	14	<5	0.86	<5	<50	227	<1	20	85.0	
A74487 (9948177)	14	<10	<5	499	<10	<10	<5	0.34	<5	<50	108	<1	12	66.4	
A74488 (9948178)	16	<10	<5	541	<10	<10	<5	0.36	<5	<50	122	<1	13	70.7	
A74489 (9948179)	18	<10	<5	461	<10	<10	<5	0.39	<5	<50	136	<1	14	73.7	
A74490 (9948180)	17	<10	5	535	<10	<10	<5	0.39	6	<50	127	<1	14	81.1	
A74491 (9948181)	16	<10	<5	599	<10	<10	<5	0.40	<5	<50	124	<1	14	83.3	
A74492 (9948182)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	3.0	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444195

PROJECT: AGAT00553

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019					DATE REPORTED: Mar 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
A74493 (9948183)	16	<10	<5	572	<10	<10	<5	0.41	<5	<50	130	<1	15	80.4	
A74494 (9948184)	18	<10	<5	545	<10	<10	<5	0.40	<5	<50	135	<1	14	71.1	
A74495 (9948185)	13	<10	<5	259	<10	<10	<5	0.28	<5	<50	98.9	<1	11	43.3	
A74496 (9948186)	14	<10	<5	393	<10	<10	<5	0.29	<5	<50	110	<1	10	43.2	
A74497 (9948187)	11	<10	<5	287	<10	<10	<5	0.20	<5	<50	82.6	<1	8	39.5	
A74498 (9948188)	11	<10	<5	289	<10	<10	<5	0.20	<5	<50	82.2	<1	7	39.3	
A74499 (9948189)	12	<10	<5	256	<10	<10	<5	0.14	<5	<50	95.5	<1	8	35.3	
A74500 (9948190)	12	<10	<5	289	<10	<10	<5	0.18	<5	<50	84.3	<1	7	28.7	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444195

PROJECT: AGAT00553

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019      DATE RECEIVED: Mar 07, 2019      DATE REPORTED: Mar 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
A73551 (9948119)				71
A73552 (9948120)				<5
A73553 (9948121)				83
A73554 (9948122)				93
A73555 (9948123)				43
A73556 (9948124)				92
A73557 (9948125)				93
A73558 (9948126)				97
A73559 (9948127)				109
A73560 (9948128)				98
A73561 (9948129)				104
A73562 (9948130)				127
A73563 (9948131)				18
A73564 (9948132)				22
A74443 (9948133)				100
A74444 (9948134)				88
A74445 (9948135)				105
A74446 (9948136)				45
A74447 (9948137)				113
A74448 (9948138)				105
A74449 (9948139)				155
A74450 (9948140)				194
A74451 (9948141)				114
A74452 (9948142)				<5
A74453 (9948143)				113
A74454 (9948144)				100
A74455 (9948145)				156
A74456 (9948146)				109
A74457 (9948147)				110
A74458 (9948148)				101
A74459 (9948149)				94
A74460 (9948150)				92

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T444195

PROJECT: AGAT00553

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019      DATE RECEIVED: Mar 07, 2019      DATE REPORTED: Mar 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
A74461 (9948151)			112
A74462 (9948152)			81
A74463 (9948153)			78
A74464 (9948154)			104
A74465 (9948155)			99
A74466 (9948156)			85
A74467 (9948157)			107
A74468 (9948158)			106
A74469 (9948159)			108
A74470 (9948160)			104
A74471 (9948161)			102
A74472 (9948162)			<5
A74473 (9948163)			98
A74474 (9948164)			114
A74475 (9948165)			100
A74476 (9948166)			106
A74477 (9948167)			96
A74478 (9948168)			107
A74479 (9948169)			96
A74480 (9948170)			90
A74481 (9948171)			97
A74482 (9948172)			106
A74483 (9948173)			106
A74484 (9948174)			91
A74485 (9948175)			103
A74486 (9948176)			87
A74487 (9948177)			93
A74488 (9948178)			103
A74489 (9948179)			103
A74490 (9948180)			97
A74491 (9948181)			100
A74492 (9948182)			<5

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T444195

PROJECT: AGAT00553

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019

DATE RECEIVED: Mar 07, 2019

DATE REPORTED: Mar 26, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
A74493 (9948183)	101
A74494 (9948184)	99
A74495 (9948185)	50
A74496 (9948186)	95
A74497 (9948187)	71
A74498 (9948188)	72
A74499 (9948189)	49
A74500 (9948190)	52

Comments: RDL - Reported Detection Limit

9948119-9948190 As, Sb values may be low due to digestion losses.

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# Certificate of Analysis

AGAT WORK ORDER: 19T444195

PROJECT: AGAT00553

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 06, 2019

DATE RECEIVED: Mar 07, 2019

DATE REPORTED: Mar 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
A73551 (9948119)			0.015
A73552 (9948120)			0.001
A73553 (9948121)			0.003
A73554 (9948122)			0.006
A73555 (9948123)			0.002
A73556 (9948124)			0.007
A73557 (9948125)			0.007
A73558 (9948126)			0.010
A73559 (9948127)			0.003
A73560 (9948128)			0.004
A73561 (9948129)			0.004
A73562 (9948130)			0.004
A73563 (9948131)			0.004
A73564 (9948132)			0.002
A74443 (9948133)			0.007
A74444 (9948134)			0.006
A74445 (9948135)			0.026
A74446 (9948136)			1.20
A74447 (9948137)			0.012
A74448 (9948138)			0.010
A74449 (9948139)			0.026
A74450 (9948140)			0.003
A74451 (9948141)			0.011
A74452 (9948142)			0.001
A74453 (9948143)			0.005
A74454 (9948144)			0.005
A74455 (9948145)			0.013
A74456 (9948146)			0.020
A74457 (9948147)			0.011
A74458 (9948148)			0.009
A74459 (9948149)			0.010
A74460 (9948150)			0.007

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T444195

PROJECT: AGAT00553

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 06, 2019      DATE RECEIVED: Mar 07, 2019      DATE REPORTED: Mar 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
A74461 (9948151)			0.006
A74462 (9948152)			0.015
A74463 (9948153)			0.008
A74464 (9948154)			0.004
A74465 (9948155)			0.006
A74466 (9948156)			0.345
A74467 (9948157)			0.004
A74468 (9948158)			0.005
A74469 (9948159)			0.080
A74470 (9948160)			0.019
A74471 (9948161)			0.006
A74472 (9948162)			<0.001
A74473 (9948163)			0.011
A74474 (9948164)			0.023
A74475 (9948165)			0.012
A74476 (9948166)			0.047
A74477 (9948167)			0.010
A74478 (9948168)			0.005
A74479 (9948169)			0.004
A74480 (9948170)			0.003
A74481 (9948171)			0.005
A74482 (9948172)			0.005
A74483 (9948173)			0.002
A74484 (9948174)			0.004
A74485 (9948175)			0.018
A74486 (9948176)			0.351
A74487 (9948177)			0.007
A74488 (9948178)			0.006
A74489 (9948179)			0.005
A74490 (9948180)			0.019
A74491 (9948181)			0.015
A74492 (9948182)			<0.001

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## Certificate of Analysis

AGAT WORK ORDER: 19T444195

PROJECT: AGAT00553

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 06, 2019

DATE RECEIVED: Mar 07, 2019

DATE REPORTED: Mar 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
A74493 (9948183)			0.024
A74494 (9948184)			0.028
A74495 (9948185)			0.006
A74496 (9948186)			0.004
A74497 (9948187)			0.004
A74498 (9948188)			0.006
A74499 (9948189)			0.005
A74500 (9948190)			0.003

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444195

PROJECT: AGAT00553

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019	DATE REPORTED: Mar 26, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
A73553 (9948121)		92
A73554 (9948122)		75
A74448 (9948138)		86
A74468 (9948158)		86
A74488 (9948178)		85

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	9948119	< 0.5	< 0.5	0.0%	9948133	< 0.5	< 0.5	0.0%	9948144	< 0.5	< 0.5	0.0%	9948158	< 0.5	< 0.5	0.0%
Al	9948119	7.09	7.32	3.2%	9948133	7.75	7.68	0.9%	9948144	7.53	7.43	1.3%	9948158	7.01	6.90	1.6%
As	9948119	2	3		9948133	< 1	< 1	0.0%	9948144	< 1	< 1	0.0%	9948158	< 1	< 1	0.0%
Ba	9948119	577	605	4.7%	9948133	462	455	1.5%	9948144	460	459	0.2%	9948158	484	490	1.2%
Be	9948119	1.16	1.14	1.7%	9948133	0.99	1.05	5.9%	9948144	0.90	0.83	8.1%	9948158	1.4	1.5	6.9%
Bi	9948119	< 1	< 1	0.0%	9948133	< 1	< 1	0.0%	9948144	2	1		9948158	1	2	
Ca	9948119	1.86	1.98	6.3%	9948133	3.14	3.10	1.3%	9948144	2.98	2.95	1.0%	9948158	3.72	3.75	0.8%
Cd	9948119	< 0.5	< 0.5	0.0%	9948133	< 0.5	< 0.5	0.0%	9948144	< 0.5	< 0.5	0.0%	9948158	< 0.5	< 0.5	0.0%
Ce	9948119	69	67	2.9%	9948133	46	47	2.2%	9948144	49	47	4.2%	9948158	82	85	3.6%
Co	9948119	13.5	14.2	5.1%	9948133	19.3	20.0	3.6%	9948144	18.0	17.6	2.2%	9948158	17.4	18.8	7.7%
Cr	9948119	87.4	73.4	17.4%	9948133	107	116	8.1%	9948144	108	124	13.8%	9948158	98.9	106	6.9%
Cu	9948119	22.3	23.9	6.9%	9948133	44.1	46.0	4.2%	9948144	31.0	30.7	1.0%	9948158	51.4	50.2	2.4%
Fe	9948119	4.00	4.09	2.2%	9948133	4.76	4.70	1.3%	9948144	4.53	4.51	0.4%	9948158	4.67	4.58	1.9%
Ga	9948119	29	30	3.4%	9948133	33	34	3.0%	9948144	32	30	6.5%	9948158	33	35	5.9%
In	9948119	< 1	< 1	0.0%	9948133	< 1	< 1	0.0%	9948144	< 1	< 1	0.0%	9948158	< 1	< 1	0.0%
K	9948119	1.94	1.98	2.0%	9948133	1.35	1.33	1.5%	9948144	1.37	1.36	0.7%	9948158	1.76	1.73	1.7%
La	9948119	31	31	0.0%	9948133	19	21	10.0%	9948144	22	21	4.7%	9948158	39	40	2.5%
Li	9948119	32	32	0.0%	9948133	28	27	3.6%	9948144	15	15	0.0%	9948158	25	24	4.1%
Mg	9948119	1.65	1.69	2.4%	9948133	1.93	1.92	0.5%	9948144	1.67	1.66	0.6%	9948158	2.29	2.23	2.7%
Mn	9948119	384	394	2.6%	9948133	889	875	1.6%	9948144	919	902	1.9%	9948158	734	720	1.9%
Mo	9948119	3.6	4.3	17.7%	9948133	4.88	4.10	17.4%	9948144	7.17	5.64	23.9%	9948158	4.70	5.28	11.6%
Na	9948119	3.47	3.66	5.3%	9948133	2.89	2.85	1.4%	9948144	2.91	2.88	1.0%	9948158	3.10	3.12	0.6%
Ni	9948119	54.9	53.6	2.4%	9948133	54.4	56.6	4.0%	9948144	49.7	49.0	1.4%	9948158	61.4	63.9	4.0%
P	9948119	956	939	1.8%	9948133	720	736	2.2%	9948144	798	756	5.4%	9948158	1390	1460	4.9%
Pb	9948119	< 20	< 20	0.0%	9948133	< 20	< 20	0.0%	9948144	< 20	< 20	0.0%	9948158	< 20	< 20	0.0%
Rb	9948119	< 50	< 50	0.0%	9948133	< 50	< 50	0.0%	9948144	< 50	< 50	0.0%	9948158	< 50	< 50	0.0%
S	9948119	0.08	0.08	0.0%	9948133	0.09	0.09	0.0%	9948144	0.074	0.078	5.3%	9948158	0.13	0.13	0.0%
Sb	9948119	< 1	< 1	0.0%	9948133	< 1	< 1	0.0%	9948144	< 1	< 1	0.0%	9948158	< 1	< 1	0.0%
Sc	9948119	11	11	0.0%	9948133	18	18	0.0%	9948144	16	15	6.5%	9948158	23	24	4.3%
Se	9948119	< 10	< 10	0.0%	9948133	< 10	< 10	0.0%	9948144	< 10	< 10	0.0%	9948158	< 10	< 10	0.0%
Sn	9948119	< 5	< 5	0.0%	9948133	< 5	< 5	0.0%	9948144	< 5	< 5	0.0%	9948158	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	9948119	410	422	2.9%	9948133	432	426	1.4%	9948144	543	535	1.5%	9948158	608	597	1.8%
Ta	9948119	< 10	< 10	0.0%	9948133	< 10	< 10	0.0%	9948144	< 10	< 10	0.0%	9948158	< 10	< 10	0.0%
Te	9948119	< 10	< 10	0.0%	9948133	< 10	< 10	0.0%	9948144	< 10	< 10	0.0%	9948158	< 10	< 10	0.0%
Th	9948119	< 5	< 5	0.0%	9948133	< 5	< 5	0.0%	9948144	< 5	< 5	0.0%	9948158	< 5	< 5	0.0%
Ti	9948119	0.20	0.20	0.0%	9948133	0.42	0.42	0.0%	9948144	0.395	0.391	1.0%	9948158	0.392	0.400	2.0%
Tl	9948119	< 5	< 5	0.0%	9948133	< 5	5		9948144	< 5	< 5	0.0%	9948158	< 5	6	
U	9948119	< 50	< 50	0.0%	9948133	< 50	< 50	0.0%	9948144	< 50	< 50	0.0%	9948158	< 50	< 50	0.0%
V	9948119	82.0	81.0	1.2%	9948133	137	141	2.9%	9948144	122	117	4.2%	9948158	154	163	5.7%
W	9948119	< 1	< 1	0.0%	9948133	< 1	< 1	0.0%	9948144	< 1	< 1	0.0%	9948158	< 1	< 1	0.0%
Y	9948119	9	9	0.0%	9948133	15	15	0.0%	9948144	13	13	0.0%	9948158	15	16	6.5%
Zn	9948119	35.4	36.5	3.1%	9948133	76.3	75.4	1.2%	9948144	70.8	68.9	2.7%	9948158	44.6	44.8	0.4%
Zr	9948119	71	76	6.8%	9948133	100	99	1.0%	9948144	100	98	2.0%	9948158	106	114	7.3%

Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	9948169	< 0.5	< 0.5	0.0%	9948183	< 0.5	< 0.5	0.0%								
Al	9948169	7.89	7.90	0.1%	9948183	7.97	8.23	3.2%								
As	9948169	< 1	< 1	0.0%	9948183	< 1	< 1	0.0%								
Ba	9948169	707	709	0.3%	9948183	811	853	5.0%								
Be	9948169	0.98	1.05	6.9%	9948183	1.0	0.9	10.5%								
Bi	9948169	2	3		9948183	1	3									
Ca	9948169	3.09	3.10	0.3%	9948183	3.05	3.22	5.4%								
Cd	9948169	< 0.5	< 0.5	0.0%	9948183	< 0.5	< 0.5	0.0%								
Ce	9948169	53	57	7.3%	9948183	60	56	6.9%								
Co	9948169	14.9	15.4	3.3%	9948183	18.3	15.7	15.3%								
Cr	9948169	106	105	0.9%	9948183	119	115	3.4%								
Cu	9948169	32.3	32.1	0.6%	9948183	41.4	43.1	4.0%								
Fe	9948169	3.89	3.90	0.3%	9948183	4.64	4.73	1.9%								
Ga	9948169	28	29	3.5%	9948183	32	28	13.3%								
In	9948169	< 1	< 1	0.0%	9948183	< 1	< 1	0.0%								
K	9948169	1.59	1.59	0.0%	9948183	1.67	1.74	4.1%								
La	9948169	25	26	3.9%	9948183	27	25	7.7%								
Li	9948169	25	26	3.9%	9948183	15	16	6.5%								
Mg	9948169	1.62	1.63	0.6%	9948183	1.69	1.73	2.3%								
Mn	9948169	694	698	0.6%	9948183	822	847	3.0%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	9948169	5.9	7.6	25.2%	9948183	5.1	5.1	0.0%								
Na	9948169	3.14	3.14	0.0%	9948183	3.05	3.19	4.5%								
Ni	9948169	48.2	47.6	1.3%	9948183	50.0	46.8	6.6%								
P	9948169	669	683	2.1%	9948183	821	751	8.9%								
Pb	9948169	< 20	< 20	0.0%	9948183	< 20	< 20	0.0%								
Rb	9948169	< 50	< 50	0.0%	9948183	< 50	< 50	0.0%								
S	9948169	0.07	0.07	0.0%	9948183	0.12	0.125	4.1%								
Sb	9948169	< 1	< 1	0.0%	9948183	< 1	< 1	0.0%								
Sc	9948169	14	15	6.9%	9948183	16	16	0.0%								
Se	9948169	< 10	< 10	0.0%	9948183	< 10	< 10	0.0%								
Sn	9948169	< 5	< 5	0.0%	9948183	< 5	6									
Sr	9948169	473	476	0.6%	9948183	572	602	5.1%								
Ta	9948169	< 10	< 10	0.0%	9948183	< 10	< 10	0.0%								
Te	9948169	< 10	< 10	0.0%	9948183	< 10	< 10	0.0%								
Th	9948169	< 5	< 5	0.0%	9948183	< 5	< 5	0.0%								
Ti	9948169	0.36	0.36	0.0%	9948183	0.41	0.41	0.0%								
Tl	9948169	< 5	< 5	0.0%	9948183	< 5	< 5	0.0%								
U	9948169	< 50	< 50	0.0%	9948183	< 50	< 50	0.0%								
V	9948169	113	119	5.2%	9948183	130	126	3.1%								
W	9948169	< 1	< 1	0.0%	9948183	< 1	< 1	0.0%								
Y	9948169	12	12	0.0%	9948183	15	15	0.0%								
Zn	9948169	68.6	67.6	1.5%	9948183	80.4	84.4	4.9%								
Zr	9948169	96	101	5.1%	9948183	101	111	9.4%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	9948119	0.015	0.005		9948133	0.007	0.009	25.0%	9948144	0.0053	0.0057	7.3%	9948158	0.0051	0.0059	14.5%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	9948169	0.0044	0.0049	10.8%	9948183	0.024	0.013									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

**(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish**

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.Till-2)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.82	99%	90% - 110%	8.17	8.26	101%	90% - 110%	8.17	8.61	105%	90% - 110%	10.95	10.82	99%	90% - 110%
As					26	23	90%	90% - 110%	26	24	93%	90% - 110%				
Ba	340	329	97%	90% - 110%	540	505	93%	90% - 110%	540	527	98%	90% - 110%	340	332	98%	90% - 110%
Be	2.6	2.6	100%	90% - 110%	4.0	4.1	102%	90% - 110%					2.6	2.5	98%	90% - 110%
Ca	5.72	5.51	96%	90% - 110%	0.907	0.893	99%	90% - 110%	0.907	0.927	102%	90% - 110%	5.72	5.48	96%	90% - 110%
Ce	122	119	97%	90% - 110%	98	96	98%	90% - 110%	98	102	104%	90% - 110%	122	118	97%	90% - 110%
Cr					60.3	61.0	101%	90% - 110%	60.3	62.1	103%	90% - 110%				
Cu					150	155	103%	90% - 110%	150	158	105%	90% - 110%	7	7.6	108%	90% - 110%
Fe	4.34	3.99	92%	90% - 110%	3.77	3.66	97%	90% - 110%	3.77	3.78	100%	90% - 110%	4.34	3.95	91%	90% - 110%
Ga	35	38	107%	90% - 110%									35	38	107%	90% - 110%
K	1.37	1.43	105%	90% - 110%									1.37	1.46	106%	90% - 110%
La	58	54	93%	90% - 110%	44	40	91%	90% - 110%	44	43	97%	90% - 110%	58	53	91%	90% - 110%
Li	37	38	104%	90% - 110%	47	47	100%	90% - 110%	47	50	106%	90% - 110%	37	39	105%	90% - 110%
Mg	0.325	0.303	93%	90% - 110%	1.10	1.08	98%	90% - 110%	1.10	1.12	102%	90% - 110%	0.325	0.3	92%	90% - 110%
Mn					780	770	99%	90% - 110%	780	796	102%	90% - 110%				
Mo					14	13	91%	90% - 110%	14	13	94%	90% - 110%				
Na	5.267	5.389	102%	90% - 110%	1.624	1.672	103%	90% - 110%	1.624	1.743	107%	90% - 110%	5.267	5.45	103%	90% - 110%
Ni					32	32	99%	90% - 110%	32	31	96%	90% - 110%				
P					750	752	100%	90% - 110%	750	779	104%	90% - 110%				
Pb					31	30	98%	90% - 110%	31	31	101%	90% - 110%				
Sc					12	12	96%	90% - 110%	12	12	100%	90% - 110%				
Sr	1191	1178	99%	90% - 110%	144	147	102%	90% - 110%	144	153	106%	90% - 110%	1191	1182	99%	90% - 110%
Ta					1.9	2.1	110%	90% - 110%								
Ti	0.172	0.168	98%	90% - 110%	0.53	0.48	90%	90% - 110%	0.53	0.5	95%	90% - 110%	0.172	0.165	96%	90% - 110%
V	8	7	87%	90% - 110%	77	77	100%	90% - 110%	77	79	102%	90% - 110%	8	7.2	90%	90% - 110%
Y	119	115	97%	90% - 110%									119	113	95%	90% - 110%
Zn	93	91	98%	90% - 110%	130	124	96%	90% - 110%	130	123	95%	90% - 110%	93	88	94%	90% - 110%

**(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)**

Parameter	CRM #1 (ref.GS6E)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS5W)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.06	5.93	98%	90% - 110%	0.725	0.773	107%	90% - 110%	5.27	5.28	100%	90% - 110%	0.562	0.616	109%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00553  
 SAMPLING SITE:

AGAT WORK ORDER: 19T444195  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00554

AGAT WORK ORDER: 19T444228

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Mar 27, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T444228

PROJECT: AGAT00554

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 06, 2019      DATE RECEIVED: Mar 07, 2019      DATE REPORTED: Mar 27, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
A73565 (9948269)		1.77
A73566 (9948270)		0.0700
A73567 (9948271)		1.38
A73568 (9948272)		1.07
A73569 (9948273)		2.16
A73570 (9948274)		1.41
A73571 (9948275)		0.790
A73572 (9948276)		1.85
A73573 (9948277)		1.87
A73574 (9948278)		2.19
A73575 (9948279)		2.34
A73576 (9948280)		1.54
A73577 (9948281)		1.66
A73578 (9948282)		1.66
A73579 (9948283)		1.07
A73580 (9948284)		2.40
A73581 (9948285)		2.18
A73582 (9948286)		2.12
A73583 (9948287)		2.16
A73584 (9948288)		2.16
A73585 (9948289)		2.08
A73586 (9948290)		0.0700
A73587 (9948291)		2.40
A73588 (9948292)		1.09
A73589 (9948293)		3.14
A73590 (9948294)		1.19
A73591 (9948295)		1.76
A73592 (9948296)		2.28
A73593 (9948297)		2.26
A73594 (9948298)		2.34
A73595 (9948299)		2.18

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444228

PROJECT: AGAT00554

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 06, 2019      DATE RECEIVED: Mar 07, 2019      DATE REPORTED: Mar 27, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
A73596 (9948300)		0.730
A73597 (9948301)		1.58
A73598 (9948302)		1.59
A73599 (9948303)		2.38
A73600 (9948304)		2.37
A74501 (9948305)		1.56
A74502 (9948306)		1.56
A74503 (9948307)		0.960
A74504 (9948308)		0.710
A74505 (9948309)		1.63
A74506 (9948310)		0.0700
A74507 (9948311)		1.98
A74508 (9948312)		2.37
A74509 (9948313)		1.89
A74510 (9948314)		1.53
A74511 (9948315)		2.28
A74512 (9948316)		1.86
A74513 (9948317)		2.02
A74514 (9948318)		1.02
A74515 (9948319)		2.08
A74516 (9948320)		2.24
A74517 (9948321)		1.83
A74518 (9948322)		1.83
A74519 (9948323)		2.03
A74520 (9948324)		2.87
A74521 (9948325)		1.60
A74522 (9948326)		0.640
A74523 (9948327)		2.08
A74524 (9948328)		2.23
A74525 (9948329)		2.27
A74526 (9948330)		0.0600

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444228

PROJECT: AGAT00554

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 06, 2019      DATE RECEIVED: Mar 07, 2019      DATE REPORTED: Mar 27, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
A74527 (9948331)		2.19
A74528 (9948332)		1.46
A74529 (9948333)		0.890
A74530 (9948334)		2.55
A74531 (9948335)		1.71
A74532 (9948336)		2.08
A74533 (9948337)		2.31
A74534 (9948338)		2.12
A74535 (9948339)		2.28
A74536 (9948340)		2.29

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444228

PROJECT: AGAT00554

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019							DATE REPORTED: Mar 27, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
A73565 (9948269)	<0.5	8.15	2	784	1.6	<1	2.81	<0.5	50	7.0	49.1	44.9	4.17	15	
A73566 (9948270)	<0.5	7.44	1	148	<0.5	2	7.14	0.6	5	43.1	131	159	8.00	19	
A73567 (9948271)	<0.5	8.39	1	897	1.9	<1	1.76	<0.5	27	19.0	103	135	2.23	18	
A73568 (9948272)	<0.5	7.63	4	1060	1.2	<1	2.91	<0.5	56	5.2	48.4	56.7	3.78	14	
A73569 (9948273)	<0.5	7.54	3	819	1.2	<1	10.9	<0.5	210	1.4	48.5	15.7	9.81	13	
A73570 (9948274)	<0.5	7.91	5	143	0.8	<1	10.9	<0.5	168	1.8	38.1	18.2	7.69	13	
A73571 (9948275)	<0.5	7.49	6	1180	1.7	<1	2.56	<0.5	61	8.3	41.8	32.9	4.01	15	
A73572 (9948276)	<0.5	0.07	2	16	<0.5	<1	33.6	<0.5	<1	0.6	<0.5	<0.5	0.12	<5	
A73573 (9948277)	<0.5	8.04	25	575	0.5	<1	2.56	1.1	45	27.9	102	80.2	3.97	17	
A73574 (9948278)	<0.5	9.13	52	641	0.6	2	2.75	2.4	49	45.4	181	192	4.44	21	
A73575 (9948279)	<0.5	7.28	2	663	1.9	<1	2.68	<0.5	45	5.6	52.5	18.6	4.32	12	
A73576 (9948280)	<0.5	3.09	<1	684	1.9	<1	2.58	<0.5	52	60.1	404	127	3.84	23	
A73577 (9948281)	<0.5	7.08	<1	1460	4.4	1	2.22	<0.5	56	21.8	99.7	56.2	3.52	18	
A73578 (9948282)	<0.5	7.26	<1	1460	4.5	<1	2.19	<0.5	56	21.9	98.0	56.5	3.51	19	
A73579 (9948283)	<0.5	3.12	<1	730	1.5	<1	2.58	<0.5	54	60.2	403	142	3.85	25	
A73580 (9948284)	<0.5	7.32	2	691	1.2	<1	2.82	<0.5	51	3.7	42.1	7.2	4.01	11	
A73581 (9948285)	<0.5	8.48	2	638	0.9	<1	2.55	<0.5	48	<0.5	24.9	1.5	4.34	11	
A73582 (9948286)	<0.5	7.91	<1	628	0.8	<1	2.82	<0.5	45	6.2	107	26.9	4.30	15	
A73583 (9948287)	<0.5	8.53	<1	640	<0.5	5	2.80	<0.5	49	22.9	217	111	4.27	23	
A73584 (9948288)	<0.5	8.49	<1	604	1.3	<1	2.57	<0.5	47	20.0	145	50.6	4.32	18	
A73585 (9948289)	<0.5	8.42	<1	560	<0.5	2	2.99	<0.5	42	28.4	129	<0.5	4.24	19	
A73586 (9948290)	<0.5	7.41	<1	197	<0.5	<1	6.76	0.6	15	42.9	150	154	7.82	18	
A73587 (9948291)	<0.5	8.24	<1	512	<0.5	<1	3.61	<0.5	47	21.6	136	4.6	4.06	20	
A73588 (9948292)	<0.5	8.49	<1	474	<0.5	2	2.98	0.5	61	41.4	143	113	4.42	20	
A73589 (9948293)	<0.5	8.43	<1	758	<0.5	<1	8.08	<0.5	50	35.5	110	41.1	6.28	22	
A73590 (9948294)	<0.5	7.78	<1	1440	<0.5	<1	6.57	<0.5	77	23.6	86.4	18.3	6.44	18	
A73591 (9948295)	<0.5	7.97	<1	808	<0.5	<1	2.77	<0.5	51	44.2	112	109	4.24	19	
A73592 (9948296)	<0.5	0.07	1	14	<0.5	<1	33.2	<0.5	<1	0.8	<0.5	<0.5	0.13	<5	
A73593 (9948297)	<0.5	7.78	<1	686	<0.5	<1	2.89	<0.5	46	44.7	130	107	4.44	19	
A73594 (9948298)	<0.5	8.01	<1	597	<0.5	2	3.24	<0.5	54	42.7	121	108	4.77	18	
A73595 (9948299)	<0.5	7.39	<1	513	<0.5	<1	3.24	<0.5	49	46.2	157	104	4.49	18	
A73596 (9948300)	<0.5	7.96	<1	791	2.0	<1	1.80	<0.5	59	42.1	106	106	2.45	18	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T444228

PROJECT: AGAT00554

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019							DATE REPORTED: Mar 27, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
A73597 (9948301)	<0.5	8.19	<1	549	<0.5	<1	2.89	<0.5	46	43.6	118	110	4.17	18	
A73598 (9948302)	<0.5	8.28	<1	556	<0.5	<1	2.91	<0.5	48	44.3	124	110	4.18	19	
A73599 (9948303)	<0.5	8.15	<1	671	<0.5	<1	2.96	<0.5	52	42.4	126	105	4.51	17	
A73600 (9948304)	<0.5	7.71	<1	576	<0.5	3	2.57	<0.5	46	44.0	137	105	4.36	18	
A74501 (9948305)	<0.5	3.51	<1	549	0.7	<1	2.46	<0.5	72	73.2	639	104	5.08	22	
A74502 (9948306)	<0.5	8.02	<1	1410	<0.5	2	1.09	<0.5	18	44.1	132	116	0.97	18	
A74503 (9948307)	<0.5	7.98	<1	439	<0.5	<1	1.74	<0.5	17	44.1	126	109	1.30	19	
A74504 (9948308)	<0.5	8.16	<1	906	<0.5	1	1.04	<0.5	8	42.9	128	112	1.17	19	
A74505 (9948309)	<0.5	8.23	<1	319	<0.5	<1	3.85	<0.5	126	44.0	124	111	3.99	19	
A74506 (9948310)	<0.5	7.94	<1	196	<0.5	3	6.75	<0.5	15	43.0	144	108	7.80	22	
A74507 (9948311)	<0.5	3.00	<1	583	<0.5	<1	2.03	<0.5	47	73.8	580	111	4.19	19	
A74508 (9948312)	<0.5	3.36	<1	569	<0.5	<1	2.43	<0.5	52	75.6	488	110	5.28	19	
A74509 (9948313)	<0.5	7.68	<1	679	1.2	<1	2.82	<0.5	48	42.7	112	103	4.80	18	
A74510 (9948314)	<0.5	7.77	<1	614	1.1	<1	2.92	<0.5	54	31.0	109	36.3	4.42	18	
A74511 (9948315)	<0.5	8.12	<1	594	<0.5	1	5.81	<0.5	82	31.0	107	33.5	8.22	21	
A74512 (9948316)	<0.5	0.07	1	21	<0.5	<1	32.8	<0.5	<1	0.7	1.2	<0.5	0.11	<5	
A74513 (9948317)	<0.5	7.84	<1	572	<0.5	<1	2.85	<0.5	49	36.5	217	34.4	4.23	19	
A74514 (9948318)	<0.5	8.16	<1	1160	0.5	<1	1.59	<0.5	41	17.6	96.5	68.1	1.97	18	
A74515 (9948319)	<0.5	7.53	<1	610	1.7	<1	3.02	<0.5	60	24.9	131	46.3	4.40	16	
A74516 (9948320)	<0.5	7.86	<1	581	0.7	<1	3.15	<0.5	61	21.1	100	39.1	4.31	16	
A74517 (9948321)	<0.5	7.87	<1	587	0.9	1	3.15	<0.5	48	23.2	117	43.8	4.48	18	
A74518 (9948322)	<0.5	7.81	<1	576	0.9	<1	3.07	<0.5	49	22.7	95.2	41.9	4.38	17	
A74519 (9948323)	<0.5	2.84	<1	621	<0.5	<1	6.54	<0.5	83	82.6	679	93.3	8.69	18	
A74520 (9948324)	<0.5	8.11	<1	700	1.1	2	2.90	<0.5	45	20.2	85.7	34.3	4.51	18	
A74521 (9948325)	<0.5	7.91	<1	624	1.0	1	2.64	<0.5	57	20.6	99.9	35.0	4.05	16	
A74522 (9948326)	<0.5	7.95	<1	472	1.2	<1	2.06	<0.5	43	12.8	51.6	49.5	2.88	19	
A74523 (9948327)	<0.5	8.25	<1	506	1.0	3	2.28	<0.5	62	17.9	100	45.5	4.15	19	
A74524 (9948328)	<0.5	8.06	<1	595	0.7	<1	2.91	<0.5	46	22.0	109	48.5	4.58	17	
A74525 (9948329)	<0.5	8.07	<1	555	0.6	2	2.82	<0.5	44	21.2	97.4	39.9	4.41	16	
A74526 (9948330)	<0.5	7.48	<1	147	<0.5	2	7.02	<0.5	5	44.2	129	154	7.89	20	
A74527 (9948331)	<0.5	8.18	<1	477	1.0	<1	3.05	<0.5	43	20.5	93.1	38.8	4.34	16	
A74528 (9948332)	<0.5	6.72	<1	638	1.1	4	4.36	<0.5	98	21.3	108	57.8	5.02	16	

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## Certificate of Analysis

AGAT WORK ORDER: 19T444228

PROJECT: AGAT00554

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019				DATE REPORTED: Mar 27, 2019				SAMPLE TYPE: Drill Core					
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5
A74529 (9948333)	<0.5	3.32	<1	2310	2.9	<1	12.6	<0.5	485	31.2	5.7	164	9.54	27
A74530 (9948334)	<0.5	8.09	<1	580	0.8	<1	3.43	<0.5	51	22.5	123	40.9	4.84	18
A74531 (9948335)	<0.5	8.15	<1	379	1.1	3	2.14	<0.5	45	14.5	61.1	4.5	3.71	20
A74532 (9948336)	<0.5	0.07	<1	14	<0.5	<1	33.1	<0.5	<1	<0.5	1.5	<0.5	0.12	<5
A74533 (9948337)	<0.5	7.63	<1	486	2.6	<1	3.18	<0.5	54	21.7	82.5	52.1	4.58	18
A74534 (9948338)	<0.5	8.33	<1	535	0.7	3	3.31	<0.5	47	22.8	83.9	37.4	4.75	19
A74535 (9948339)	<0.5	7.93	<1	478	0.7	3	3.45	<0.5	43	23.3	114	44.0	4.99	19
A74536 (9948340)	<0.5	8.10	<1	415	0.6	<1	3.65	<0.5	44	23.1	89.3	33.5	4.87	17

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DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019					DATE REPORTED: Mar 27, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
A73565 (9948269)	<1	1.54	25	73	0.51	680	<0.5	4.31	15.0	885	<20	<50	0.18	<1	
A73566 (9948270)	<1	0.21	4	13	4.51	1430	<0.5	2.44	97.0	384	<20	<50	0.19	<1	
A73567 (9948271)	<1	2.51	14	15	1.14	270	7.2	3.20	43.6	319	<20	<50	0.03	5	
A73568 (9948272)	<1	2.05	26	49	0.24	567	4.5	4.02	10.7	1020	<20	<50	0.11	<1	
A73569 (9948273)	<1	1.92	95	14	0.17	1650	<0.5	0.91	5.5	3870	<20	<50	0.33	<1	
A73570 (9948274)	<1	2.18	74	151	0.25	1780	<0.5	2.09	6.6	1510	<20	<50	0.20	<1	
A73571 (9948275)	<1	1.49	28	53	0.68	547	4.9	4.34	17.2	870	<20	<50	0.09	<1	
A73572 (9948276)	<1	0.01	2	1	2.65	136	1.2	0.05	0.5	<10	<20	<50	0.36	<1	
A73573 (9948277)	<1	1.76	22	20	1.63	652	4.5	3.24	65.3	858	<20	<50	0.14	1	
A73574 (9948278)	<1	1.83	24	26	2.33	667	4.2	2.86	124	785	<20	<50	0.12	<1	
A73575 (9948279)	<1	1.79	23	22	0.70	703	5.2	2.82	27.6	705	<20	<50	0.13	<1	
A73576 (9948280)	<1	1.79	26	21	7.68	617	6.7	2.89	288	649	<20	<50	0.12	<1	
A73577 (9948281)	<1	2.39	27	21	2.09	509	6.6	2.61	59.4	789	<20	<50	0.10	<1	
A73578 (9948282)	<1	2.40	27	20	2.09	508	7.5	2.56	59.9	777	<20	<50	0.10	<1	
A73579 (9948283)	<1	1.88	26	21	8.22	577	5.6	2.89	304	739	<20	<50	0.10	<1	
A73580 (9948284)	<1	1.59	25	18	0.61	676	6.1	3.13	28.2	777	<20	<50	0.10	1	
A73581 (9948285)	<1	1.72	24	15	0.18	633	5.8	2.98	6.3	717	26	54	0.13	2	
A73582 (9948286)	<1	1.52	22	25	0.59	695	3.5	3.09	27.5	627	<20	<50	0.15	<1	
A73583 (9948287)	<1	1.49	24	19	2.36	668	3.4	3.16	52.2	777	<20	<50	0.17	<1	
A73584 (9948288)	<1	1.46	23	15	1.35	673	5.5	3.39	50.4	706	<20	<50	0.14	<1	
A73585 (9948289)	<1	1.58	21	18	3.01	715	3.6	3.41	72.6	580	<20	<50	0.11	4	
A73586 (9948290)	<1	0.47	10	11	4.45	1380	<0.5	2.49	97.1	873	<20	<50	0.13	<1	
A73587 (9948291)	<1	1.39	22	13	2.27	841	4.7	3.35	57.3	689	<20	<50	0.13	<1	
A73588 (9948292)	<1	2.15	30	15	3.44	831	3.9	3.21	90.6	876	<20	<50	0.15	<1	
A73589 (9948293)	<1	2.26	22	40	3.97	1270	<0.5	1.29	82.6	1760	<20	<50	0.07	<1	
A73590 (9948294)	<1	2.65	34	20	2.43	1250	<0.5	2.33	55.9	2210	22	<50	0.06	<1	
A73591 (9948295)	<1	1.83	25	20	4.38	762	3.9	3.15	87.7	780	<20	<50	0.16	2	
A73592 (9948296)	<1	0.01	2	1	2.17	149	1.5	0.04	0.6	<10	<20	<50	0.35	<1	
A73593 (9948297)	<1	1.74	22	34	4.46	845	4.5	3.22	97.3	763	<20	<50	0.14	2	
A73594 (9948298)	<1	1.67	26	21	4.42	949	2.6	3.38	89.6	895	<20	<50	0.15	<1	
A73595 (9948299)	<1	1.60	24	21	5.14	887	4.9	3.29	137	774	<20	<50	0.10	4	
A73596 (9948300)	<1	2.63	31	16	4.30	345	6.6	3.15	85.8	451	<20	<50	0.03	3	

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# Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019					DATE REPORTED: Mar 27, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
A73597 (9948301)	<1	1.89	22	19	4.40	822	4.8	3.14	89.1	724	<20	<50	0.11	<1	
A73598 (9948302)	<1	1.86	23	19	4.44	820	4.3	3.17	89.7	722	<20	<50	0.11	<1	
A73599 (9948303)	<1	1.75	25	24	4.61	855	3.0	3.19	92.8	756	<20	<50	0.10	<1	
A73600 (9948304)	<1	1.76	23	25	4.79	765	6.4	2.98	110	647	<20	<50	0.11	<1	
A74501 (9948305)	<1	2.19	36	32	11.2	865	4.1	3.00	491	860	<20	<50	0.13	<1	
A74502 (9948306)	<1	2.51	9	5	4.55	155	6.1	2.74	95.0	272	<20	<50	0.01	4	
A74503 (9948307)	<1	2.43	8	5	4.54	326	4.6	3.88	92.7	170	<20	<50	0.12	5	
A74504 (9948308)	<1	2.56	4	4	4.40	206	6.7	3.51	87.9	127	<20	<50	0.19	<1	
A74505 (9948309)	<1	1.77	56	13	4.53	818	3.4	3.33	93.1	607	<20	<50	0.36	<1	
A74506 (9948310)	<1	0.47	10	11	4.48	1380	1.1	2.47	106	880	<20	<50	0.13	<1	
A74507 (9948311)	<1	1.91	22	20	11.7	501	4.5	3.43	564	744	<20	<50	0.13	<1	
A74508 (9948312)	<1	1.31	24	25	11.9	640	3.0	3.24	563	780	<20	<50	0.11	<1	
A74509 (9948313)	<1	1.49	23	21	4.30	920	4.1	3.54	90.1	877	<20	<50	0.13	5	
A74510 (9948314)	<1	1.15	26	16	3.23	812	5.7	3.66	84.1	865	<20	<50	0.10	<1	
A74511 (9948315)	<1	1.42	42	15	3.53	1390	2.2	1.33	78.2	1630	<20	<50	0.20	<1	
A74512 (9948316)	<1	0.02	3	1	2.64	133	0.9	0.04	0.7	<10	<20	<50	0.34	<1	
A74513 (9948317)	<1	1.60	23	19	4.23	783	7.6	3.12	104	739	<20	<50	0.08	<1	
A74514 (9948318)	<1	2.40	21	16	2.19	311	6.8	2.72	51.6	369	<20	<50	0.04	7	
A74515 (9948319)	<1	1.65	28	26	2.08	810	5.2	2.88	84.1	800	<20	<50	0.14	<1	
A74516 (9948320)	<1	1.64	29	17	1.69	821	4.8	3.23	50.7	856	<20	<50	0.12	<1	
A74517 (9948321)	<1	1.52	24	20	1.86	835	1.7	3.43	65.8	677	<20	<50	0.13	<1	
A74518 (9948322)	<1	1.51	24	19	1.82	822	2.6	3.41	62.3	646	<20	<50	0.12	<1	
A74519 (9948323)	<1	1.51	43	32	12.4	1480	<0.5	0.75	678	1900	<20	<50	0.16	<1	
A74520 (9948324)	<1	1.58	22	20	1.87	865	5.1	3.39	49.5	666	<20	<50	0.10	<1	
A74521 (9948325)	<1	1.67	27	18	1.91	694	1.5	2.98	54.6	707	<20	<50	0.09	<1	
A74522 (9948326)	<1	1.43	22	13	0.82	463	5.6	3.76	29.4	438	<20	<50	0.08	2	
A74523 (9948327)	<1	1.93	32	25	1.41	573	4.3	3.04	44.5	714	<20	<50	0.16	6	
A74524 (9948328)	<1	1.61	22	23	1.69	879	5.4	2.89	52.8	727	<20	<50	0.16	<1	
A74525 (9948329)	<1	1.56	21	24	1.57	802	4.5	3.02	48.4	651	<20	<50	0.14	<1	
A74526 (9948330)	<1	0.21	4	12	4.44	1400	0.9	2.39	85.0	425	<20	<50	0.18	3	
A74527 (9948331)	<1	1.90	21	26	1.63	814	4.4	3.37	50.8	637	<20	<50	0.12	<1	
A74528 (9948332)	<1	1.84	41	33	1.87	1000	2.4	2.81	43.7	1740	<20	<50	0.16	<1	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T444228

PROJECT: AGAT00554

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ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019					DATE REPORTED: Mar 27, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
A74529 (9948333)	<1	2.75	191	54	3.48	1880	<0.5	1.42	28.0	5080	<20	<50	0.42	<1	
A74530 (9948334)	<1	1.72	25	24	1.82	964	1.1	3.18	53.9	689	<20	<50	0.13	2	
A74531 (9948335)	<1	1.96	22	31	1.21	570	4.8	3.31	37.4	636	<20	<50	0.03	<1	
A74532 (9948336)	<1	0.02	2	1	2.79	135	1.8	0.04	0.7	<10	<20	<50	0.34	<1	
A74533 (9948337)	<1	1.66	25	20	1.72	862	2.4	3.24	50.1	813	<20	<50	0.12	<1	
A74534 (9948338)	<1	1.44	23	24	1.82	939	6.1	3.11	53.0	648	<20	<50	0.11	<1	
A74535 (9948339)	<1	1.32	21	27	1.91	980	4.1	2.91	60.5	576	<20	<50	0.12	<1	
A74536 (9948340)	<1	1.34	21	23	1.81	1010	5.7	2.97	53.1	673	<20	<50	0.10	5	

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DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019					DATE REPORTED: Mar 27, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
A73565 (9948269)	6	<10	<5	477	<10	<10	6	0.26	<5	<50	126	2	4	61.8	
A73566 (9948270)	43	<10	<5	116	<10	<10	<5	0.69	<5	<50	300	4	20	80.2	
A73567 (9948271)	12	<10	<5	336	<10	<10	16	0.17	<5	<50	50.1	3	10	50.1	
A73568 (9948272)	4	<10	<5	435	<10	<10	18	0.27	<5	<50	150	<1	12	59.9	
A73569 (9948273)	2	<10	<5	1020	<10	<10	9	1.89	<5	<50	316	1	2	99.4	
A73570 (9948274)	6	<10	<5	814	<10	<10	33	0.56	<5	<50	382	1	20	67.8	
A73571 (9948275)	5	<10	<5	431	<10	<10	12	0.22	<5	<50	119	2	6	59.3	
A73572 (9948276)	<1	<10	<5	73	<10	<10	8	<0.01	<5	<50	1.7	<1	2	5.0	
A73573 (9948277)	22	<10	<5	421	<10	<10	6	0.28	<5	<50	94.3	4	14	157	
A73574 (9948278)	35	<10	<5	446	<10	<10	<5	0.40	<5	<50	131	9	19	79.4	
A73575 (9948279)	4	<10	<5	494	<10	<10	15	0.39	<5	<50	126	2	8	81.2	
A73576 (9948280)	25	<10	<5	517	<10	<10	9	0.35	<5	<50	107	4	36	73.2	
A73577 (9948281)	16	<10	<5	450	<10	<10	19	0.29	<5	<50	88.9	3	28	67.9	
A73578 (9948282)	17	<10	<5	446	<10	<10	19	0.29	<5	<50	88.6	4	28	69.1	
A73579 (9948283)	24	<10	<5	511	<10	<10	7	0.31	<5	<50	99.8	4	34	86.3	
A73580 (9948284)	2	<10	<5	523	<10	<10	23	0.33	<5	<50	109	<1	5	71.0	
A73581 (9948285)	1	<10	<5	473	<10	<10	12	0.39	<5	<50	127	<1	2	80.9	
A73582 (9948286)	13	<10	<5	490	<10	<10	19	0.35	<5	<50	117	3	20	66.7	
A73583 (9948287)	22	<10	<5	478	<10	<10	<5	0.37	<5	<50	121	5	20	74.2	
A73584 (9948288)	16	<10	<5	502	<10	<10	<5	0.39	<5	<50	125	3	16	114	
A73585 (9948289)	21	<10	<5	467	<10	<10	<5	0.31	<5	<50	104	3	23	67.6	
A73586 (9948290)	43	<10	<5	255	<10	<10	<5	0.87	<5	<50	235	5	20	92.7	
A73587 (9948291)	19	<10	<5	392	<10	<10	<5	0.32	<5	<50	104	3	20	65.8	
A73588 (9948292)	33	<10	<5	361	<10	<10	<5	0.32	<5	<50	105	4	24	77.9	
A73589 (9948293)	26	<10	<5	535	<10	<10	<5	0.33	<5	<50	174	2	23	80.3	
A73590 (9948294)	16	<10	<5	676	<10	<10	29	0.43	<5	<50	195	2	17	102	
A73591 (9948295)	41	<10	<5	567	<10	<10	<5	0.37	<5	<50	110	2	17	75.6	
A73592 (9948296)	<1	<10	<5	71	<10	<10	7	<0.01	<5	<50	1.4	<1	2	5.0	
A73593 (9948297)	40	<10	<5	531	<10	<10	<5	0.40	<5	<50	116	3	17	77.2	
A73594 (9948298)	40	<10	<5	536	<10	<10	<5	0.41	<5	<50	122	3	17	79.6	
A73595 (9948299)	39	<10	<5	480	<10	<10	<5	0.35	<5	<50	109	3	17	74.2	
A73596 (9948300)	42	<10	<5	289	<10	<10	<5	0.17	<5	<50	43.8	3	19	74.5	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444228

PROJECT: AGAT00554

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019					DATE REPORTED: Mar 27, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
A73597 (9948301)	41	<10	<5	466	<10	<10	<5	0.34	<5	<50	105	3	16	71.0	
A73598 (9948302)	41	<10	<5	473	<10	<10	<5	0.35	<5	<50	105	3	16	71.8	
A73599 (9948303)	40	<10	<5	524	<10	<10	<5	0.41	<5	<50	112	2	15	80.9	
A73600 (9948304)	39	<10	<5	362	<10	<10	<5	0.34	<5	<50	101	4	17	106	
A74501 (9948305)	26	<10	<5	285	<10	13	7	0.39	<5	<50	102	5	25	143	
A74502 (9948306)	41	<10	<5	251	<10	<10	<5	0.06	<5	<50	10.4	3	16	22.9	
A74503 (9948307)	41	<10	<5	185	<10	<10	<5	0.05	<5	<50	21.2	2	16	11.5	
A74504 (9948308)	41	<10	<5	165	<10	<10	<5	0.06	<5	<50	17.6	3	16	8.3	
A74505 (9948309)	41	<10	<5	323	<10	<10	<5	0.16	<5	<50	61.0	2	17	43.3	
A74506 (9948310)	35	<10	<5	254	<10	<10	<5	0.87	<5	<50	233	3	22	93.3	
A74507 (9948311)	23	<10	<5	384	<10	10	5	0.29	<5	<50	89.8	4	19	49.5	
A74508 (9948312)	24	<10	<5	458	<10	<10	<5	0.43	<5	<50	126	4	19	60.8	
A74509 (9948313)	39	<10	<5	469	<10	<10	6	0.41	<5	<50	120	4	28	85.8	
A74510 (9948314)	23	<10	<5	516	<10	<10	10	0.42	<5	<50	115	5	55	88.6	
A74511 (9948315)	22	<10	<5	547	<10	<10	<5	1.58	<5	<50	215	2	25	93.0	
A74512 (9948316)	<1	<10	<5	71	<10	<10	7	<0.01	<5	<50	1.5	<1	2	3.6	
A74513 (9948317)	22	<10	<5	380	<10	<10	<5	0.35	<5	<50	113	4	24	106	
A74514 (9948318)	14	<10	<5	236	<10	<10	31	0.13	<5	<50	30.8	3	16	113	
A74515 (9948319)	17	<10	<5	413	<10	<10	8	0.39	<5	<50	125	3	14	143	
A74516 (9948320)	18	<10	<5	451	<10	<10	9	0.36	<5	<50	118	2	12	95.5	
A74517 (9948321)	18	<10	<5	459	<10	<10	7	0.41	<5	<50	120	2	13	70.9	
A74518 (9948322)	18	<10	<5	457	<10	<10	8	0.39	<5	<50	120	2	12	70.0	
A74519 (9948323)	22	<10	<5	623	<10	<10	<5	1.80	<5	<50	231	5	19	74.5	
A74520 (9948324)	17	<10	<5	501	<10	<10	8	0.38	<5	<50	120	4	14	71.4	
A74521 (9948325)	15	<10	<5	454	<10	<10	9	0.36	<5	<50	109	3	10	77.0	
A74522 (9948326)	6	<10	<5	349	<10	<10	12	0.21	<5	<50	45.2	1	5	44.4	
A74523 (9948327)	12	<10	<5	364	<10	<10	11	0.35	<5	<50	88.7	3	9	101	
A74524 (9948328)	17	<10	<5	471	<10	<10	6	0.40	<5	<50	124	2	14	74.9	
A74525 (9948329)	17	<10	<5	478	<10	<10	6	0.39	<5	<50	119	2	14	74.2	
A74526 (9948330)	46	<10	<5	115	<10	<10	<5	0.68	<5	<50	301	3	23	80.9	
A74527 (9948331)	17	<10	<5	492	<10	<10	8	0.33	<5	<50	107	2	12	66.7	
A74528 (9948332)	18	<10	<5	579	<10	<10	12	0.65	<5	<50	139	2	16	75.1	

Certified By:



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AGAT WORK ORDER: 19T444228

PROJECT: AGAT00554

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019						DATE REPORTED: Mar 27, 2019					SAMPLE TYPE: Drill Core			
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
A74529 (9948333)	26	<10	<5	1580	<10	<10	26	2.41	<5	<50	332	4	41	159	
A74530 (9948334)	18	<10	<5	485	<10	<10	7	0.41	<5	<50	128	2	13	75.7	
A74531 (9948335)	10	<10	<5	287	<10	<10	9	0.30	<5	<50	77.6	3	7	126	
A74532 (9948336)	<1	<10	<5	72	<10	<10	9	<0.01	<5	<50	1.4	<1	2	4.0	
A74533 (9948337)	21	<10	<5	465	<10	<10	13	0.39	<5	<50	140	3	15	76.0	
A74534 (9948338)	19	<10	<5	471	<10	<10	6	0.40	<5	<50	127	2	16	75.2	
A74535 (9948339)	19	<10	<5	444	<10	<10	6	0.42	<5	<50	134	3	15	75.4	
A74536 (9948340)	20	<10	<5	457	<10	<10	7	0.39	<5	<50	132	2	16	71.2	

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## Certificate of Analysis

AGAT WORK ORDER: 19T444228

PROJECT: AGAT00554

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019      DATE RECEIVED: Mar 07, 2019      DATE REPORTED: Mar 27, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
A73565 (9948269)				122
A73566 (9948270)				53
A73567 (9948271)				99
A73568 (9948272)				117
A73569 (9948273)				267
A73570 (9948274)				109
A73571 (9948275)				109
A73572 (9948276)				<5
A73573 (9948277)				81
A73574 (9948278)				112
A73575 (9948279)				109
A73576 (9948280)				117
A73577 (9948281)				116
A73578 (9948282)				120
A73579 (9948283)				101
A73580 (9948284)				117
A73581 (9948285)				108
A73582 (9948286)				101
A73583 (9948287)				111
A73584 (9948288)				110
A73585 (9948289)				90
A73586 (9948290)				94
A73587 (9948291)				85
A73588 (9948292)				96
A73589 (9948293)				96
A73590 (9948294)				144
A73591 (9948295)				114
A73592 (9948296)				<5
A73593 (9948297)				123
A73594 (9948298)				129
A73595 (9948299)				103
A73596 (9948300)				65

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444228

PROJECT: AGAT00554

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019      DATE RECEIVED: Mar 07, 2019      DATE REPORTED: Mar 27, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
A73597 (9948301)				103
A73598 (9948302)				103
A73599 (9948303)				114
A73600 (9948304)				103
A74501 (9948305)				137
A74502 (9948306)				42
A74503 (9948307)				42
A74504 (9948308)				31
A74505 (9948309)				56
A74506 (9948310)				94
A74507 (9948311)				100
A74508 (9948312)				122
A74509 (9948313)				122
A74510 (9948314)				123
A74511 (9948315)				192
A74512 (9948316)				<5
A74513 (9948317)				105
A74514 (9948318)				86
A74515 (9948319)				124
A74516 (9948320)				111
A74517 (9948321)				111
A74518 (9948322)				114
A74519 (9948323)				147
A74520 (9948324)				108
A74521 (9948325)				122
A74522 (9948326)				73
A74523 (9948327)				102
A74524 (9948328)				105
A74525 (9948329)				108
A74526 (9948330)				53
A74527 (9948331)				102
A74528 (9948332)				182

Certified By:





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AGAT WORK ORDER: 19T444228

PROJECT: AGAT00554

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019

DATE RECEIVED: Mar 07, 2019

DATE REPORTED: Mar 27, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
A74529 (9948333)				214
A74530 (9948334)				119
A74531 (9948335)				100
A74532 (9948336)				<5
A74533 (9948337)				129
A74534 (9948338)				117
A74535 (9948339)				99
A74536 (9948340)				105

Comments: RDL - Reported Detection Limit

9948269-9948340 As, Sb values may be low due to digestion losses.

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## Certificate of Analysis

AGAT WORK ORDER: 19T444228

PROJECT: AGAT00554

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 06, 2019      DATE RECEIVED: Mar 07, 2019      DATE REPORTED: Mar 27, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
A73565 (9948269)			0.007
A73566 (9948270)			0.524
A73567 (9948271)			0.004
A73568 (9948272)			0.003
A73569 (9948273)			0.002
A73570 (9948274)			0.002
A73571 (9948275)			0.004
A73572 (9948276)			<0.001
A73573 (9948277)			0.012
A73574 (9948278)			0.005
A73575 (9948279)			0.004
A73576 (9948280)			0.005
A73577 (9948281)			0.003
A73578 (9948282)			0.004
A73579 (9948283)			0.004
A73580 (9948284)			0.004
A73581 (9948285)			0.003
A73582 (9948286)			0.010
A73583 (9948287)			0.004
A73584 (9948288)			0.003
A73585 (9948289)			0.003
A73586 (9948290)			0.335
A73587 (9948291)			0.010
A73588 (9948292)			0.016
A73589 (9948293)			0.011
A73590 (9948294)			0.013
A73591 (9948295)			0.008
A73592 (9948296)			0.001
A73593 (9948297)			0.013
A73594 (9948298)			0.008
A73595 (9948299)			0.005
A73596 (9948300)			0.003

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444228

PROJECT: AGAT00554

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 06, 2019      DATE RECEIVED: Mar 07, 2019      DATE REPORTED: Mar 27, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
A73597 (9948301)			0.008
A73598 (9948302)			0.012
A73599 (9948303)			0.005
A73600 (9948304)			0.008
A74501 (9948305)			0.008
A74502 (9948306)			0.002
A74503 (9948307)			0.004
A74504 (9948308)			0.003
A74505 (9948309)			0.008
A74506 (9948310)			0.339
A74507 (9948311)			0.004
A74508 (9948312)			0.010
A74509 (9948313)			0.010
A74510 (9948314)			0.025
A74511 (9948315)			0.004
A74512 (9948316)			0.001
A74513 (9948317)			0.006
A74514 (9948318)			0.003
A74515 (9948319)			0.005
A74516 (9948320)			0.011
A74517 (9948321)			0.007
A74518 (9948322)			0.009
A74519 (9948323)			0.002
A74520 (9948324)			0.007
A74521 (9948325)			0.008
A74522 (9948326)			0.007
A74523 (9948327)			0.006
A74524 (9948328)			0.035
A74525 (9948329)			0.014
A74526 (9948330)			0.534
A74527 (9948331)			0.339
A74528 (9948332)			0.008

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T444228

PROJECT: AGAT00554

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019	DATE REPORTED: Mar 27, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
A74529 (9948333)			0.013
A74530 (9948334)			0.007
A74531 (9948335)			0.002
A74532 (9948336)			0.001
A74533 (9948337)			0.007
A74534 (9948338)			0.006
A74535 (9948339)			0.020
A74536 (9948340)			0.011

Comments: RDL - Reported Detection Limit

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T444228

PROJECT: AGAT00554

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 06, 2019

DATE RECEIVED: Mar 07, 2019

DATE REPORTED: Mar 27, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
A73565 (9948269)		77
A73567 (9948271)		86
A73584 (9948288)		80
A74504 (9948308)		89
A74524 (9948328)		83

Comments: RDL - Reported Detection Limit

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	9948269	< 0.5	< 0.5	0.0%	9948283	< 0.5	< 0.5	0.0%	9948294	< 0.5	< 0.5	0.0%	9948308	< 0.5	< 0.5	0.0%
Al	9948269	8.15	8.05	1.2%	9948283	3.12	3.18	1.9%	9948294	7.78	8.04	3.3%	9948308	8.16	7.89	3.4%
As	9948269	2	3		9948283	< 1	< 1	0.0%	9948294	< 1	< 1	0.0%	9948308	< 1	< 1	0.0%
Ba	9948269	784	769	1.9%	9948283	730	728	0.3%	9948294	1440	1420	1.4%	9948308	906	906	0.0%
Be	9948269	1.60	1.68	4.9%	9948283	1.5	1.6	6.5%	9948294	< 0.5	< 0.5	0.0%	9948308	< 0.5	< 0.5	0.0%
Bi	9948269	< 1	< 1	0.0%	9948283	< 1	< 1	0.0%	9948294	< 1	< 1	0.0%	9948308	1	< 1	
Ca	9948269	2.81	2.80	0.4%	9948283	2.58	2.59	0.4%	9948294	6.57	6.49	1.2%	9948308	1.04	1.04	0.0%
Cd	9948269	< 0.5	< 0.5	0.0%	9948283	< 0.5	< 0.5	0.0%	9948294	< 0.5	< 0.5	0.0%	9948308	< 0.5	< 0.5	0.0%
Ce	9948269	50	48	4.1%	9948283	54	53	1.9%	9948294	77	75	2.6%	9948308	8	8	0.0%
Co	9948269	7.0	7.2	2.8%	9948283	60.2	62.5	3.7%	9948294	23.6	22.7	3.9%	9948308	42.9	42.5	0.9%
Cr	9948269	49.1	53.9	9.3%	9948283	403	407	1.0%	9948294	86.4	97.3	11.9%	9948308	128	127	0.8%
Cu	9948269	44.9	45.7	1.8%	9948283	142	148	4.1%	9948294	18.3	17.3	5.6%	9948308	112	105	6.5%
Fe	9948269	4.17	4.19	0.5%	9948283	3.85	3.87	0.5%	9948294	6.44	6.28	2.5%	9948308	1.17	1.18	0.9%
Ga	9948269	15	16	6.5%	9948283	25	25	0.0%	9948294	18	18	0.0%	9948308	19	18	5.4%
In	9948269	< 1	< 1	0.0%	9948283	< 1	< 1	0.0%	9948294	< 1	< 1	0.0%	9948308	< 1	< 1	0.0%
K	9948269	1.54	1.54	0.0%	9948283	1.88	1.91	1.6%	9948294	2.65	2.57	3.1%	9948308	2.56	2.40	6.5%
La	9948269	25	24	4.1%	9948283	26	26	0.0%	9948294	34	34	0.0%	9948308	4	4	0.0%
Li	9948269	73	73	0.0%	9948283	21	22	4.7%	9948294	20	19	5.1%	9948308	4	4	0.0%
Mg	9948269	0.51	0.50	2.0%	9948283	8.22	8.37	1.8%	9948294	2.43	2.43	0.0%	9948308	4.40	4.33	1.6%
Mn	9948269	680	681	0.1%	9948283	577	578	0.2%	9948294	1250	1220	2.4%	9948308	206	206	0.0%
Mo	9948269	< 0.5	1.0		9948283	5.65	5.98	5.7%	9948294	< 0.5	< 0.5	0.0%	9948308	6.67	6.86	2.8%
Na	9948269	4.31	4.26	1.2%	9948283	2.89	2.90	0.3%	9948294	2.33	2.30	1.3%	9948308	3.51	3.51	0.0%
Ni	9948269	15.0	16.7	10.7%	9948283	304	314	3.2%	9948294	55.9	55.4	0.9%	9948308	87.9	86.8	1.3%
P	9948269	885	866	2.2%	9948283	739	815	9.8%	9948294	2210	2170	1.8%	9948308	127	141	10.4%
Pb	9948269	< 20	< 20	0.0%	9948283	< 20	< 20	0.0%	9948294	22	22	0.0%	9948308	< 20	< 20	0.0%
Rb	9948269	< 50	< 50	0.0%	9948283	< 50	< 50	0.0%	9948294	< 50	< 50	0.0%	9948308	< 50	< 50	0.0%
S	9948269	0.176	0.174	1.1%	9948283	0.10	0.10	0.0%	9948294	0.06	0.06	0.0%	9948308	0.19	0.20	5.1%
Sb	9948269	< 1	2		9948283	< 1	< 1	0.0%	9948294	< 1	3		9948308	< 1	< 1	0.0%
Sc	9948269	6	6	0.0%	9948283	24	26	8.0%	9948294	16	16	0.0%	9948308	41	40	2.5%
Se	9948269	< 10	< 10	0.0%	9948283	< 10	< 10	0.0%	9948294	< 10	< 10	0.0%	9948308	< 10	< 10	0.0%
Sn	9948269	< 5	< 5	0.0%	9948283	< 5	< 5	0.0%	9948294	< 5	< 5	0.0%	9948308	< 5	< 5	0.0%





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	9948269	477	474	0.6%	9948283	511	520	1.7%	9948294	676	674	0.3%	9948308	165	165	0.0%
Ta	9948269	< 10	< 10	0.0%	9948283	< 10	< 10	0.0%	9948294	< 10	< 10	0.0%	9948308	< 10	< 10	0.0%
Te	9948269	< 10	< 10	0.0%	9948283	< 10	10		9948294	< 10	< 10	0.0%	9948308	< 10	< 10	0.0%
Th	9948269	6	6	0.0%	9948283	7	9	25.0%	9948294	29	29	0.0%	9948308	< 5	< 5	0.0%
Ti	9948269	0.256	0.265	3.5%	9948283	0.31	0.31	0.0%	9948294	0.429	0.423	1.4%	9948308	0.06	0.06	0.0%
Tl	9948269	< 5	< 5	0.0%	9948283	< 5	< 5	0.0%	9948294	< 5	< 5	0.0%	9948308	< 5	< 5	0.0%
U	9948269	< 50	< 50	0.0%	9948283	< 50	< 50	0.0%	9948294	< 50	< 50	0.0%	9948308	< 50	< 50	0.0%
V	9948269	126	127	0.8%	9948283	99.8	96.5	3.4%	9948294	195	189	3.1%	9948308	17.6	18.4	4.4%
W	9948269	2	< 1		9948283	4	4	0.0%	9948294	2	3		9948308	3	2	
Y	9948269	4	4	0.0%	9948283	34	35	2.9%	9948294	17	16	6.1%	9948308	16	16	0.0%
Zn	9948269	61.8	61.3	0.8%	9948283	86.3	83.2	3.7%	9948294	102	103	1.0%	9948308	8.3	9.3	11.4%
Zr	9948269	122	113	7.7%	9948283	101	105	3.9%	9948294	144	130	10.2%	9948308	31	33	6.3%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	9948319	< 0.5	< 0.5	0.0%	9948333	< 0.5	< 0.5	0.0%								
Al	9948319	7.53	7.54	0.1%	9948333	3.32	3.32	0.0%								
As	9948319	< 1	< 1	0.0%	9948333	< 1	< 1	0.0%								
Ba	9948319	610	608	0.3%	9948333	2310	2320	0.4%								
Be	9948319	1.7	1.4	19.4%	9948333	2.9	3.0	3.4%								
Bi	9948319	< 1	2		9948333	< 1	1									
Ca	9948319	3.02	2.98	1.3%	9948333	12.6	12.7	0.8%								
Cd	9948319	< 0.5	< 0.5	0.0%	9948333	< 0.5	< 0.5	0.0%								
Ce	9948319	60	59	1.7%	9948333	485	495	2.0%								
Co	9948319	24.9	25.0	0.4%	9948333	31.2	30.9	1.0%								
Cr	9948319	131	146	10.8%	9948333	5.7	6.0	5.1%								
Cu	9948319	46.3	47.3	2.1%	9948333	164	163	0.6%								
Fe	9948319	4.40	4.39	0.2%	9948333	9.54	9.61	0.7%								
Ga	9948319	16	16	0.0%	9948333	27	27	0.0%								
In	9948319	< 1	< 1	0.0%	9948333	< 1	< 1	0.0%								
K	9948319	1.65	1.66	0.6%	9948333	2.75	2.90	5.3%								
La	9948319	28	28	0.0%	9948333	191	192	0.5%								
Li	9948319	26	26	0.0%	9948333	54	52	3.8%								
Mg	9948319	2.08	2.09	0.5%	9948333	3.48	3.52	1.1%								
Mn	9948319	810	810	0.0%	9948333	1880	1850	1.6%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

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Mo	9948319	5.2	4.2	21.3%	9948333	< 0.5	< 0.5	0.0%								
Na	9948319	2.88	2.86	0.7%	9948333	1.42	1.43	0.7%								
Ni	9948319	84.1	85.9	2.1%	9948333	28.0	28.1	0.4%								
P	9948319	800	891	10.8%	9948333	5080	6200	19.9%								
Pb	9948319	< 20	< 20	0.0%	9948333	< 20	< 20	0.0%								
Rb	9948319	< 50	< 50	0.0%	9948333	< 50	< 50	0.0%								
S	9948319	0.14	0.14	0.0%	9948333	0.42	0.32	27.0%								
Sb	9948319	< 1	< 1	0.0%	9948333	< 1	< 1	0.0%								
Sc	9948319	17	17	0.0%	9948333	26	25	3.9%								
Se	9948319	< 10	< 10	0.0%	9948333	< 10	< 10	0.0%								
Sn	9948319	< 5	< 5	0.0%	9948333	< 5	< 5	0.0%								
Sr	9948319	413	414	0.2%	9948333	1580	1590	0.6%								
Ta	9948319	< 10	< 10	0.0%	9948333	< 10	< 10	0.0%								
Te	9948319	< 10	< 10	0.0%	9948333	< 10	< 10	0.0%								
Th	9948319	8	8	0.0%	9948333	26	24	8.0%								
Ti	9948319	0.39	0.39	0.0%	9948333	2.41	2.02	17.6%								
Tl	9948319	< 5	< 5	0.0%	9948333	< 5	< 5	0.0%								
U	9948319	< 50	< 50	0.0%	9948333	< 50	< 50	0.0%								
V	9948319	125	123	1.6%	9948333	332	315	5.3%								
W	9948319	3	2		9948333	4	4	0.0%								
Y	9948319	14	14	0.0%	9948333	41	40	2.5%								
Zn	9948319	143	141	1.4%	9948333	159	162	1.9%								
Zr	9948319	124	120	3.3%	9948333	214	201	6.3%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	9948269	0.0066	0.0054	20.0%	9948283	0.004	0.004	0.0%	9948294	0.013	0.010	26.1%	9948308	0.003	0.012	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	9948319	0.005	0.005	0.0%	9948333	0.013	0.090									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	11.49	105%	90% - 110%	8.17	8.73	107%	90% - 110%	6.96	7.26	104%	90% - 110%	10.95	11.38	104%	90% - 110%
As					26	25	97%	90% - 110%	124	125	101%	90% - 110%				
Ba	340	336	99%	90% - 110%	540	526	97%	90% - 110%	186	186	100%	90% - 110%	340	334	98%	90% - 110%
Be	2.6	2.5	98%	90% - 110%	4.0	3.1	76%	90% - 110%					2.6	2.8	106%	90% - 110%
Ca	5.72	5.85	102%	90% - 110%	0.907	0.931	103%	90% - 110%	4.01	4.07	101%	90% - 110%	5.72	5.82	102%	90% - 110%
Ce	122	122	100%	90% - 110%	98	102	104%	90% - 110%	24	22	90%	90% - 110%	122	121	99%	90% - 110%
Co	2.8	2.1	75%	90% - 110%					22.1	22.8	103%	90% - 110%	2.8	2.6	92%	90% - 110%
Cr					60.3	55.3	91%	90% - 110%								
Cu	7	5	73%	90% - 110%	150	153	102%	90% - 110%	88.6	84.7	96%	90% - 110%				
Fe	4.34	4.12	95%	90% - 110%	3.77	3.78	100%	90% - 110%	7.56	7.24	96%	90% - 110%	4.34	4.14	95%	90% - 110%
Ga	35	32	91%	90% - 110%									35	32	92%	90% - 110%
K	1.37	1.5	110%	90% - 110%					2.021	2.068	102%	90% - 110%	1.37	1.49	109%	90% - 110%
La	58	56	96%	90% - 110%	44	45	102%	90% - 110%					58	55	96%	90% - 110%
Li	37	41	110%	90% - 110%	47	50	105%	90% - 110%					37	40	108%	90% - 110%
Mg	0.325	0.309	95%	90% - 110%	1.10	1.13	103%	90% - 110%	2.412	2.467	102%	90% - 110%	0.325	0.307	94%	90% - 110%
Mn					780	776	99%	90% - 110%	1510	1450	96%	90% - 110%				
Mo					14	15	105%	90% - 110%								
Na	5.267	5.644	107%	90% - 110%	1.624	1.77	109%	90% - 110%	0.617	0.652	106%	90% - 110%	5.267	5.572	106%	90% - 110%
Ni					32	33	102%	90% - 110%	77.1	72.2	94%	90% - 110%				
P					750	814	108%	90% - 110%	892	845	95%	90% - 110%				
Pb	10	9	90%	90% - 110%	31	28	90%	90% - 110%								
Rb	55	55	100%	90% - 110%												
S									0.348	0.327	94%	90% - 110%				
Sc	1.1	1	90%	90% - 110%	12	13	108%	90% - 110%					1.1	1	91%	90% - 110%
Sr	1191	1197	101%	90% - 110%	144	154	107%	90% - 110%	92.8	91.9	99%	90% - 110%	1191	1185	99%	90% - 110%
Th					18.4	20.0	108%	90% - 110%								
Ti	0.172	0.169	98%	90% - 110%	0.53	0.48	91%	90% - 110%					0.172	0.168	98%	90% - 110%
V	8	7.74	97%	90% - 110%	77	77.5	101%	90% - 110%					8	8.13	102%	90% - 110%
Y	119	124	104%	90% - 110%									119	126	106%	90% - 110%
Zn	93	101	109%	90% - 110%	130	126	97%	90% - 110%	208	214	103%	90% - 110%	93	96	103%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Parameter	CRM #1 (ref.GS6E)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS5W)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.06	5.96	98%	90% - 110%	0.725	0.777	107%	90% - 110%	5.27	5.18	98%	90% - 110%	0.562	0.563	100%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00554  
 SAMPLING SITE:

AGAT WORK ORDER: 19T444228  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00555

AGAT WORK ORDER: 19T444248

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Mar 28, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T444248

PROJECT: AGAT00555

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 06, 2019      DATE RECEIVED: Mar 07, 2019      DATE REPORTED: Mar 28, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C69145 (9948422)		3.14
C69146 (9948423)		0.0600
C69147 (9948424)		1.96
C69148 (9948425)		2.72
C69149 (9948426)		2.73
C69150 (9948427)		1.65
C69151 (9948428)		0.700
C69152 (9948429)		1.90
C69153 (9948430)		1.36
C69154 (9948431)		2.57
C69155 (9948432)		3.30
C69156 (9948433)		1.08
C69157 (9948434)		1.09
C69158 (9948435)		1.09
C69159 (9948436)		3.52
C69160 (9948437)		2.24
C69161 (9948438)		2.59
C69162 (9948439)		2.07
C69163 (9948440)		1.15
C69164 (9948441)		1.34
C69165 (9948442)		3.10
C69166 (9948443)		0.700
C69167 (9948444)		1.75
C69168 (9948445)		3.54
C69169 (9948446)		2.49
C69170 (9948447)		1.38
C69171 (9948448)		3.42
C69172 (9948449)		1.49
C69173 (9948450)		3.31
C69174 (9948451)		3.15
C69175 (9948452)		3.87

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444248

PROJECT: AGAT00555

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 06, 2019      DATE RECEIVED: Mar 07, 2019      DATE REPORTED: Mar 28, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
C69176 (9948453)		3.09
C69177 (9948454)		4.67
C69178 (9948455)		4.67
C69179 (9948456)		1.97
C69180 (9948457)		3.67
C69181 (9948458)		3.63
C69182 (9948459)		2.91
C69183 (9948460)		3.40
C69184 (9948461)		4.01
C69185 (9948462)		2.93
C69186 (9948463)		0.0700
C69187 (9948464)		1.40
C69188 (9948465)		2.03
C69189 (9948466)		2.38
C69190 (9948467)		1.07
C69191 (9948468)		1.46
C69192 (9948469)		1.89
C69193 (9948470)		1.92
C69194 (9948471)		2.63
C69195 (9948472)		0.990
C69196 (9948473)		2.50
C69197 (9948474)		1.07
C69198 (9948475)		1.07
C69199 (9948476)		3.21
C69200 (9948477)		1.62
C69201 (9948478)		0.910
C69202 (9948479)		2.92
C69203 (9948480)		1.94
C69204 (9948481)		0.880
C69205 (9948482)		3.47
C69206 (9948483)		0.0700

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T444248

PROJECT: AGAT00555

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019	DATE REPORTED: Mar 28, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
C69207 (9948484)		1.87
C69208 (9948485)		2.09
C69209 (9948486)		2.62
C69210 (9948487)		3.76
C69211 (9948488)		2.42
C69212 (9948489)		2.02
C69213 (9948490)		2.62
C69214 (9948491)		2.24
C69215 (9948492)		1.39
C69216 (9948493)		1.21

Comments: RDL - Reported Detection Limit

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T444248

PROJECT: AGAT00555

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019							DATE REPORTED: Mar 28, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C69145 (9948422)	<0.5	8.43	2	757	1.6	<1	2.74	<0.5	9	6.8	49.2	47.9	1.66	16	
C69146 (9948423)	<0.5	7.42	<1	86	<0.5	<1	7.18	0.6	4	42.6	129	167	7.04	19	
C69147 (9948424)	<0.5	8.60	2	675	1.8	<1	3.02	<0.5	60	18.5	101	140	3.77	18	
C69148 (9948425)	<0.5	6.92	<1	2340	4.2	2	2.76	<0.5	56	17.5	105	60.0	3.61	14	
C69149 (9948426)	<0.5	2.61	<1	1760	3.2	2	10.6	<0.5	27	59.7	413	17.2	9.56	21	
C69150 (9948427)	<0.5	2.20	<1	2080	10.3	<1	10.9	<0.5	91	56.0	257	19.5	7.63	17	
C69151 (9948428)	<0.5	7.03	6	273	2.6	1	2.51	<0.5	51	18.2	98.9	35.4	3.95	15	
C69152 (9948429)	<0.5	0.07	2	15	<0.5	<1	31.2	<0.5	<1	<0.5	<0.5	1.4	0.12	<5	
C69153 (9948430)	<0.5	7.03	9	570	1.3	<1	2.55	<0.5	29	21.8	90.7	87.0	3.97	14	
C69154 (9948431)	<0.5	7.87	<1	768	0.9	5	2.79	<0.5	15	22.9	110	197	4.44	16	
C69155 (9948432)	<0.5	7.61	<1	2470	0.7	2	2.65	<0.5	39	21.2	107	20.9	4.24	16	
C69156 (9948433)	<0.5	7.72	<1	1020	1.2	3	2.53	<0.5	163	19.2	102	142	3.78	16	
C69157 (9948434)	<0.5	7.62	<1	895	1.3	<1	2.23	<0.5	89	16.5	93.3	61.8	3.56	17	
C69158 (9948435)	<0.5	7.50	<1	918	1.3	1	2.19	<0.5	89	16.5	85.7	61.3	3.50	14	
C69159 (9948436)	<0.5	7.69	<1	1020	0.9	<1	2.60	<0.5	158	20.3	97.7	162	3.87	15	
C69160 (9948437)	<0.5	7.59	<1	2270	1.4	<1	2.78	<0.5	61	20.2	96.9	8.5	3.96	17	
C69161 (9948438)	<0.5	8.06	<1	4320	0.9	1	2.72	<0.5	28	22.8	123	2.2	4.55	17	
C69162 (9948439)	<0.5	7.56	<1	2250	1.2	<1	2.88	<0.5	57	22.8	108	30.3	4.37	16	
C69163 (9948440)	<0.5	7.88	<1	483	0.9	<1	2.88	<0.5	30	24.8	127	121	4.40	18	
C69164 (9948441)	<0.5	7.85	<1	452	0.9	<1	2.56	<0.5	32	23.0	109	54.5	4.33	17	
C69165 (9948442)	<0.5	7.66	<1	232	1.1	<1	3.10	<0.5	38	20.9	103	5.7	4.33	16	
C69166 (9948443)	<0.5	7.37	<1	87	<0.5	4	6.91	<0.5	4	45.2	155	168	7.81	22	
C69167 (9948444)	<0.5	7.57	<1	348	1.1	<1	3.64	<0.5	36	20.5	103	9.7	4.12	16	
C69168 (9948445)	<0.5	7.67	<1	124	1.4	2	2.98	<0.5	26	22.2	116	123	4.45	19	
C69169 (9948446)	<0.5	4.90	<1	238	2.7	<1	8.50	<0.5	31	43.9	464	48.9	6.55	15	
C69170 (9948447)	<0.5	7.16	<1	373	2.9	<1	6.55	<0.5	88	32.8	250	23.7	6.55	19	
C69171 (9948448)	<0.5	7.92	<1	148	1.0	<1	2.76	<0.5	11	20.4	118	122	4.30	18	
C69172 (9948449)	<0.5	0.06	1	20	<0.5	<1	31.5	<0.5	<1	0.7	1.8	<0.5	0.13	<5	
C69173 (9948450)	<0.5	8.02	<1	180	1.2	<1	2.91	<0.5	13	21.1	90.6	120	4.51	17	
C69174 (9948451)	<0.5	8.70	<1	145	0.7	<1	3.30	<0.5	11	22.7	110	120	4.91	18	
C69175 (9948452)	<0.5	8.56	<1	291	0.9	<1	3.39	<0.5	17	20.5	94.1	115	4.64	18	
C69176 (9948453)	<0.5	7.96	<1	139	1.1	<1	1.79	<0.5	10	8.2	66.9	116	2.41	18	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T444248

PROJECT: AGAT00555

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019							DATE REPORTED: Mar 28, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C69177 (9948454)	<0.5	8.10	<1	123	0.9	<1	2.93	<0.5	10	19.3	108	122	4.23	16	
C69178 (9948455)	<0.5	8.17	<1	123	0.9	2	2.96	<0.5	10	20.1	116	120	4.29	17	
C69179 (9948456)	<0.5	8.15	<1	143	0.7	<1	2.91	<0.5	9	21.6	109	115	4.45	19	
C69180 (9948457)	<0.5	7.73	<1	215	0.9	3	2.58	<0.5	19	18.2	112	118	4.41	17	
C69181 (9948458)	<0.5	8.12	<1	854	1.2	<1	2.51	<0.5	136	18.9	103	116	5.10	22	
C69182 (9948459)	<0.5	7.62	1	142	1.0	<1	1.10	<0.5	11	1.5	37.8	130	0.98	13	
C69183 (9948460)	<0.5	7.71	2	125	1.0	<1	1.79	<0.5	11	6.4	38.2	122	1.31	17	
C69184 (9948461)	<0.5	7.40	6	133	0.8	<1	1.04	<0.5	10	4.8	29.7	120	1.18	15	
C69185 (9948462)	<0.5	6.70	4	140	1.2	<1	3.86	<0.5	11	17.7	73.0	122	4.06	17	
C69186 (9948463)	<0.5	7.52	<1	200	<0.5	4	6.35	<0.5	15	44.2	141	115	7.52	20	
C69187 (9948464)	<0.5	7.56	<1	712	1.3	<1	1.98	<0.5	102	18.5	101	125	4.10	17	
C69188 (9948465)	<0.5	8.02	<1	702	0.9	3	2.42	<0.5	82	23.5	106	123	5.27	18	
C69189 (9948466)	<0.5	8.27	<1	155	0.8	1	2.87	<0.5	14	23.1	110	113	4.85	17	
C69190 (9948467)	<0.5	7.82	<1	292	0.7	<1	2.98	<0.5	46	21.4	112	42.5	4.50	17	
C69191 (9948468)	<0.5	3.77	<1	355	<0.5	3	5.76	<0.5	41	72.6	543	40.0	8.29	19	
C69192 (9948469)	<0.5	0.07	2	15	<0.5	<1	31.8	<0.5	<1	0.6	<0.5	<0.5	0.11	<5	
C69193 (9948470)	<0.5	7.79	<1	214	0.9	3	2.90	<0.5	53	20.2	102	41.2	4.28	15	
C69194 (9948471)	<0.5	7.54	2	409	0.9	<1	1.64	<0.5	98	6.2	56.2	72.7	1.98	15	
C69195 (9948472)	<0.5	2.63	<1	844	0.5	1	7.40	<0.5	121	69.7	596	105	8.51	19	
C69196 (9948473)	<0.5	8.14	<1	522	0.6	<1	4.27	<0.5	27	30.6	139	6.8	5.73	18	
C69197 (9948474)	<0.5	6.71	<1	902	0.5	<1	5.33	<0.5	48	31.5	144	17.7	5.29	17	
C69198 (9948475)	<0.5	6.84	<1	885	0.7	<1	5.37	<0.5	47	32.2	145	18.7	5.28	16	
C69199 (9948476)	<0.5	2.45	<1	977	0.8	<1	9.43	<0.5	114	73.1	588	105	7.78	18	
C69200 (9948477)	<0.5	3.13	<1	735	1.4	<1	9.02	<0.5	98	53.1	325	98.6	6.39	16	
C69201 (9948478)	<0.5	8.06	<1	711	1.1	2	3.57	<0.5	62	12.5	78.8	8.9	2.95	19	
C69202 (9948479)	<0.5	7.63	<1	649	2.6	<1	4.12	<0.5	62	17.2	124	35.9	2.72	15	
C69203 (9948480)	<0.5	8.30	<1	594	2.2	<1	3.00	<0.5	45	10.5	89.2	36.7	2.43	19	
C69204 (9948481)	<0.5	8.49	<1	371	3.7	<1	2.44	<0.5	35	6.8	50.1	134	1.51	16	
C69205 (9948482)	<0.5	3.06	<1	779	2.7	<1	9.24	<0.5	145	63.3	487	124	8.41	20	
C69206 (9948483)	<0.5	7.45	<1	153	<0.5	<1	6.89	0.5	4	44.2	148	165	7.93	21	
C69207 (9948484)	<0.5	1.92	<1	819	2.9	<1	9.59	<0.5	160	72.3	629	99.0	8.19	16	
C69208 (9948485)	<0.5	2.35	<1	907	1.7	<1	9.00	<0.5	164	65.6	582	119	8.81	18	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444248

PROJECT: AGAT00555

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019							DATE REPORTED: Mar 28, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C69209 (9948486)	<0.5	7.86	<1	185	1.7	1	7.30	<0.5	7	58.5	186	94.4	8.27	20	
C69210 (9948487)	<0.5	8.42	<1	82	0.8	<1	7.46	<0.5	2	61.2	185	81.6	8.71	22	
C69211 (9948488)	<0.5	8.22	<1	69	1.5	2	7.28	<0.5	7	61.4	157	124	8.47	19	
C69212 (9948489)	<0.5	0.06	<1	16	<0.5	<1	30.9	<0.5	<1	0.5	1.7	<0.5	0.11	<5	
C69213 (9948490)	<0.5	7.97	<1	88	<0.5	<1	6.68	<0.5	6	58.0	159	105	8.27	20	
C69214 (9948491)	<0.5	8.62	3	439	1.7	<1	2.69	<0.5	24	10.3	57.8	70.6	2.34	18	
C69215 (9948492)	<0.5	8.83	<1	556	<0.5	<1	4.12	<0.5	27	16.9	74.5	21.3	3.90	16	
C69216 (9948493)	<0.5	7.44	<1	663	0.8	<1	5.55	<0.5	53	29.0	232	43.5	4.97	18	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444248

PROJECT: AGAT00555

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CLIENT NAME: GOLDCORP BORDEN LIMITED

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019					DATE REPORTED: Mar 28, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
C69145 (9948422)	<1	1.20	6	9	0.51	248	17.6	3.56	15.1	98	<20	<50	0.14	1	
C69146 (9948423)	<1	0.24	4	13	4.29	1250	<0.5	1.65	95.1	386	<20	<50	0.23	<1	
C69147 (9948424)	<1	1.44	33	36	1.10	529	17.9	3.11	42.4	499	<20	<50	0.47	<1	
C69148 (9948425)	<1	3.36	32	11	1.54	542	17.2	2.70	46.3	34	<20	<50	0.11	<1	
C69149 (9948426)	<1	2.84	16	7	8.10	1630	18.7	2.86	332	64	<20	<50	0.29	7	
C69150 (9948427)	<1	3.37	52	5	6.38	1790	21.4	2.41	295	133	<20	<50	0.16	7	
C69151 (9948428)	<1	0.99	27	19	1.75	547	10.8	3.01	54.6	413	<20	<50	0.10	5	
C69152 (9948429)	<1	0.01	3	1	2.19	134	1.5	0.04	0.7	63	<20	<50	0.18	19	
C69153 (9948430)	<1	1.65	16	33	1.63	657	6.0	2.47	52.3	382	35	<50	0.16	<1	
C69154 (9948431)	<1	0.97	8	25	1.90	671	5.4	2.85	53.1	452	<20	<50	0.14	6	
C69155 (9948432)	<1	4.14	22	17	1.63	698	40.2	2.48	49.1	562	<20	<50	0.14	10	
C69156 (9948433)	<1	2.41	86	24	1.67	620	<0.5	1.07	48.6	2090	<20	<50	0.13	<1	
C69157 (9948434)	<1	1.27	47	68	1.43	515	5.9	4.33	44.0	1820	<20	<50	0.11	3	
C69158 (9948435)	<1	1.27	48	67	1.43	512	2.6	4.36	43.5	1820	<20	<50	0.11	<1	
C69159 (9948436)	<1	2.31	82	20	1.58	592	<0.5	0.92	53.6	2100	<20	<50	0.12	<1	
C69160 (9948437)	<1	3.41	35	15	1.63	677	18.9	2.72	50.4	355	<20	<50	0.11	<1	
C69161 (9948438)	<1	7.81	18	11	1.83	652	18.6	1.83	56.7	133	<20	<50	0.16	5	
C69162 (9948439)	<1	3.22	35	17	1.83	704	63.2	2.42	59.0	445	<20	<50	0.18	3	
C69163 (9948440)	<1	1.53	16	22	1.84	688	9.8	1.57	61.3	981	<20	<50	0.19	1	
C69164 (9948441)	<1	0.69	17	8	1.81	677	14.1	1.49	58.6	737	<20	<50	0.16	<1	
C69165 (9948442)	<1	0.87	18	17	1.77	717	5.4	2.40	53.8	1400	<20	<50	0.13	<1	
C69166 (9948443)	<1	0.24	4	13	4.52	1380	<0.5	1.67	109	376	<20	<50	0.12	3	
C69167 (9948444)	<1	1.15	17	19	1.62	849	6.9	2.63	50.5	1340	<20	<50	0.14	<1	
C69168 (9948445)	<1	0.64	13	17	1.78	839	2.5	2.46	50.8	856	<20	<50	0.16	<1	
C69169 (9948446)	<1	0.73	15	12	7.42	1330	2.7	2.89	133	1310	<20	<50	0.05	3	
C69170 (9948447)	<1	1.37	46	15	4.85	1280	5.2	3.14	66.6	1260	<20	<50	0.04	<1	
C69171 (9948448)	<1	0.50	7	7	1.63	762	3.5	1.65	47.9	285	<20	<50	0.19	6	
C69172 (9948449)	<1	0.01	2	<1	3.10	150	2.8	0.04	0.8	64	<20	<50	0.17	<1	
C69173 (9948450)	<1	0.58	8	11	1.70	851	4.9	1.58	47.9	379	<20	<50	0.16	3	
C69174 (9948451)	<1	0.53	7	15	1.78	960	2.9	1.72	54.1	226	<20	<50	0.17	6	
C69175 (9948452)	<1	0.60	11	11	1.72	909	1.3	1.62	50.1	392	<20	<50	0.12	1	
C69176 (9948453)	<1	0.62	6	19	0.65	349	1.9	2.19	21.8	292	<20	<50	0.04	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444248

PROJECT: AGAT00555

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019					DATE REPORTED: Mar 28, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
C69177 (9948454)	<1	0.47	7	8	1.59	821	3.3	1.71	62.4	347	<20	<50	0.13	<1	
C69178 (9948455)	<1	0.47	7	8	1.60	830	2.8	1.70	63.3	228	<20	<50	0.13	<1	
C69179 (9948456)	<1	0.53	6	11	1.73	847	0.9	1.81	52.6	257	<20	<50	0.11	<1	
C69180 (9948457)	<1	0.65	12	16	1.42	770	4.0	2.18	45.4	388	<20	<50	0.13	<1	
C69181 (9948458)	<1	1.52	71	6	1.53	863	<0.5	0.70	47.8	2910	<20	<50	0.15	<1	
C69182 (9948459)	<1	0.53	7	8	0.21	159	3.2	1.77	6.5	209	<20	<50	0.03	6	
C69183 (9948460)	<1	0.49	7	8	0.62	333	1.9	1.73	13.5	217	<20	<50	0.15	4	
C69184 (9948461)	<1	0.50	7	9	0.45	211	1.9	1.86	14.2	204	<20	<50	0.23	<1	
C69185 (9948462)	<1	0.48	8	18	2.09	825	3.3	2.10	39.0	308	<20	<50	0.41	3	
C69186 (9948463)	<1	0.45	10	10	4.35	1340	<0.5	2.30	107	900	<20	<50	0.12	<1	
C69187 (9948464)	<1	1.53	57	11	1.79	502	<0.5	0.71	45.0	2150	<20	<50	0.14	<1	
C69188 (9948465)	<1	1.50	48	13	2.34	635	<0.5	0.90	54.6	2170	<20	<50	0.13	<1	
C69189 (9948466)	<1	0.79	8	27	1.73	922	1.6	2.47	49.4	731	<20	<50	0.15	<1	
C69190 (9948467)	<1	0.94	20	18	1.81	817	4.7	4.21	57.4	1950	<20	<50	0.11	<1	
C69191 (9948468)	<1	0.92	19	7	10.8	1410	2.0	3.04	582	1590	<20	<50	0.21	<1	
C69192 (9948469)	<1	0.01	2	1	2.45	136	1.6	0.04	0.7	43	<20	<50	0.17	2	
C69193 (9948470)	<1	1.05	24	16	1.66	784	<0.5	2.84	48.0	1510	<20	<50	0.10	<1	
C69194 (9948471)	<1	1.85	52	16	0.59	319	14.4	2.88	20.8	1070	<20	<50	0.06	<1	
C69195 (9948472)	<1	1.97	66	16	11.1	1480	<0.5	0.92	507	2630	<20	<50	0.22	<1	
C69196 (9948473)	<1	1.17	13	24	3.05	939	5.0	3.02	85.3	701	<20	<50	0.04	<1	
C69197 (9948474)	<1	0.96	25	40	4.09	869	3.1	4.20	145	1380	<20	<50	0.05	<1	
C69198 (9948475)	<1	0.95	25	40	4.08	878	4.9	4.16	147	1450	<20	<50	0.06	2	
C69199 (9948476)	<1	2.79	61	24	11.4	1340	1.2	0.61	556	2220	<20	<50	0.20	<1	
C69200 (9948477)	<1	1.77	51	67	8.49	1180	<0.5	2.82	343	1750	<20	<50	0.14	<1	
C69201 (9948478)	<1	0.96	30	55	1.62	499	4.1	3.84	41.1	1500	<20	<50	0.03	9	
C69202 (9948479)	<1	2.47	30	21	2.24	531	5.0	2.82	73.0	1160	<20	<50	0.08	6	
C69203 (9948480)	<1	1.12	23	35	0.97	301	10.6	3.41	26.3	846	<20	<50	0.08	<1	
C69204 (9948481)	<1	0.42	19	16	0.59	158	9.7	5.20	17.7	1380	29	<50	0.19	<1	
C69205 (9948482)	<1	1.79	76	23	8.68	1590	<0.5	1.53	399	2840	<20	<50	0.21	<1	
C69206 (9948483)	<1	0.20	4	12	4.41	1420	<0.5	2.26	85.3	402	<20	<50	0.18	3	
C69207 (9948484)	<1	1.76	83	29	10.4	1610	<0.5	1.22	561	3010	<20	<50	0.20	<1	
C69208 (9948485)	<1	2.26	87	17	10.4	1680	<0.5	1.19	478	3540	<20	<50	0.25	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444248

PROJECT: AGAT00555

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019		DATE REPORTED: Mar 28, 2019		SAMPLE TYPE: Drill Core									
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
Sample ID (AGAT ID)	RDL:													
C69209 (9948486)	<1	0.73	6	30	5.80	1450	<0.5	2.18	194	581	<20	<50	0.10	<1
C69210 (9948487)	<1	0.48	3	27	6.05	1530	<0.5	1.94	203	196	<20	<50	0.06	<1
C69211 (9948488)	<1	0.47	6	34	6.16	1460	3.9	1.87	212	292	<20	<50	0.10	6
C69212 (9948489)	<1	0.01	3	<1	2.53	136	4.9	0.03	0.7	<10	<20	<50	0.17	<1
C69213 (9948490)	<1	0.81	5	30	5.38	1420	<0.5	1.86	176	252	<20	<50	0.12	1
C69214 (9948491)	<1	1.86	13	20	0.93	372	12.8	3.38	26.8	237	<20	<50	0.14	<1
C69215 (9948492)	<1	1.38	15	27	2.13	924	5.7	3.36	60.4	663	<20	<50	0.06	5
C69216 (9948493)	<1	1.64	30	41	4.65	1040	6.2	3.10	142	1470	<20	<50	0.05	<1

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019					DATE REPORTED: Mar 28, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
C69145 (9948422)	6	<10	<5	347	<10	<10	6	0.12	<5	<50	32.2	<1	4	38.6	
C69146 (9948423)	43	<10	<5	171	<10	<10	<5	0.61	<5	<50	269	3	20	77.1	
C69147 (9948424)	12	<10	<5	295	<10	<10	15	0.31	<5	<50	87.2	3	10	141	
C69148 (9948425)	22	<10	<5	316	<10	<10	14	0.11	<5	<50	16.1	3	10	38.0	
C69149 (9948426)	35	<10	<5	289	<10	<10	20	0.08	<5	<50	10.8	4	33	27.1	
C69150 (9948427)	55	<10	<5	299	<10	<10	22	0.08	<5	<50	10.9	6	43	34.3	
C69151 (9948428)	16	<10	<5	243	<10	<10	15	0.16	<5	<50	31.8	2	10	102	
C69152 (9948429)	<1	<10	<5	69	<10	<10	8	<0.01	<5	<50	1.0	<1	2	3.0	
C69153 (9948430)	13	<10	<5	281	<10	<10	11	0.41	<5	<50	142	5	10	172	
C69154 (9948431)	18	<10	<5	357	<10	<10	7	0.52	<5	<50	219	2	15	418	
C69155 (9948432)	16	<10	<5	371	<10	<10	7	0.25	<5	<50	43.4	3	13	56.5	
C69156 (9948433)	15	<10	<5	1170	<10	<10	10	1.75	<5	<50	295	2	13	116	
C69157 (9948434)	13	<10	<5	859	<10	<10	13	0.53	<5	<50	151	2	10	125	
C69158 (9948435)	13	<10	<5	874	<10	<10	14	0.54	<5	<50	153	2	10	128	
C69159 (9948436)	14	<10	<5	1140	<10	<10	10	1.85	<5	<50	301	2	12	105	
C69160 (9948437)	16	<10	<5	350	<10	<10	10	0.16	<5	<50	24.6	2	14	30.0	
C69161 (9948438)	18	<10	<5	343	<10	<10	8	0.09	<5	<50	14.3	2	14	35.5	
C69162 (9948439)	17	<10	<5	270	<10	<10	8	0.21	<5	<50	50.6	2	11	108	
C69163 (9948440)	18	<10	<5	180	<10	<10	10	0.57	<5	<50	144	2	14	123	
C69164 (9948441)	18	<10	<5	246	<10	<10	8	0.41	<5	<50	97.6	3	13	104	
C69165 (9948442)	16	<10	<5	278	<10	<10	10	0.72	<5	<50	141	2	11	106	
C69166 (9948443)	36	<10	<5	173	<10	<10	<5	0.62	<5	<50	270	4	23	82.0	
C69167 (9948444)	15	<10	<5	255	<10	<10	9	0.71	<5	<50	140	3	12	120	
C69168 (9948445)	16	<10	<5	365	<10	<10	16	0.70	<5	<50	211	3	14	157	
C69169 (9948446)	42	<10	<5	274	<10	<10	5	0.82	<5	<50	183	3	24	105	
C69170 (9948447)	31	<10	<5	288	<10	<10	11	0.59	<5	<50	110	3	33	106	
C69171 (9948448)	15	<10	<5	134	<10	<10	8	0.43	<5	<50	233	3	13	77.3	
C69172 (9948449)	<1	<10	<5	71	<10	<10	7	<0.01	<5	<50	1.2	<1	2	4.9	
C69173 (9948450)	16	<10	<5	153	<10	<10	8	0.47	<5	<50	231	2	15	79.0	
C69174 (9948451)	18	<10	<5	138	<10	<10	8	0.44	<5	<50	231	2	16	75.9	
C69175 (9948452)	16	<10	<5	174	<10	<10	7	0.60	<5	<50	229	2	14	74.7	
C69176 (9948453)	6	<10	<5	138	<10	<10	16	0.41	<5	<50	229	2	5	74.3	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T444248

PROJECT: AGAT00555

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019

DATE RECEIVED: Mar 07, 2019

DATE REPORTED: Mar 28, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
C69177 (9948454)	15	<10	<5	146	<10	<10	8	0.42	<5	<50	225	2	13	76.1
C69178 (9948455)	15	<10	<5	145	<10	<10	8	0.41	<5	<50	227	2	13	71.7
C69179 (9948456)	16	<10	<5	155	<10	<10	8	0.38	<5	<50	219	3	14	69.2
C69180 (9948457)	15	<10	<5	253	<10	<10	8	0.48	<5	<50	229	3	12	78.8
C69181 (9948458)	14	<10	<5	840	<10	<10	12	1.98	<5	<50	278	3	13	103
C69182 (9948459)	2	<10	<5	172	<10	<10	11	0.44	<5	<50	230	<1	3	77.9
C69183 (9948460)	4	<10	<5	148	<10	<10	16	0.43	<5	<50	230	<1	6	74.3
C69184 (9948461)	3	<10	<5	142	<10	<10	8	0.42	<5	<50	232	<1	4	72.2
C69185 (9948462)	11	<10	<5	146	<10	<10	47	0.45	<5	<50	229	3	12	80.7
C69186 (9948463)	35	<10	<5	247	<10	<10	<5	0.89	<5	<50	233	4	22	94.2
C69187 (9948464)	13	<10	<5	630	<10	<10	14	2.48	<5	<50	266	2	10	91.7
C69188 (9948465)	17	<10	<5	619	<10	<10	9	2.14	<5	<50	264	2	13	88.4
C69189 (9948466)	17	<10	<5	171	<10	<10	9	0.46	<5	<50	226	3	17	72.3
C69190 (9948467)	15	<10	<5	256	<10	<10	8	0.63	<5	<50	154	2	13	97.9
C69191 (9948468)	22	<10	<5	324	<10	<10	<5	0.85	<5	<50	160	3	18	98.9
C69192 (9948469)	<1	<10	<5	69	<10	<10	8	<0.01	<5	<50	1.2	<1	2	3.8
C69193 (9948470)	16	<10	<5	268	<10	<10	7	0.72	<5	<50	153	2	12	97.9
C69194 (9948471)	5	<10	<5	235	<10	<10	11	0.50	<5	<50	99.2	2	5	107
C69195 (9948472)	19	<10	<5	807	<10	<10	8	2.23	<5	<50	257	5	21	77.5
C69196 (9948473)	25	<10	<5	221	<10	<10	5	0.52	<5	<50	160	4	18	66.1
C69197 (9948474)	19	<10	<5	455	<10	<10	7	0.66	<5	<50	156	5	18	59.7
C69198 (9948475)	19	<10	<5	449	<10	<10	8	0.67	<5	<50	154	6	19	65.4
C69199 (9948476)	19	<10	<5	797	<10	10	8	1.82	<5	<50	221	5	17	76.5
C69200 (9948477)	19	<10	<5	786	<10	<10	17	1.16	<5	<50	214	5	32	74.2
C69201 (9948478)	9	<10	<5	356	<10	<10	24	0.35	<5	<50	68.7	3	39	112
C69202 (9948479)	10	<10	<5	221	<10	<10	17	0.26	<5	<50	62.1	2	16	105
C69203 (9948480)	8	<10	<5	312	<10	<10	11	0.28	<5	<50	55.4	2	8	99.0
C69204 (9948481)	4	<10	<5	282	<10	<10	14	0.12	<5	<50	31.0	2	9	119
C69205 (9948482)	26	<10	<5	923	<10	<10	17	1.55	<5	<50	244	4	31	108
C69206 (9948483)	46	<10	<5	112	<10	<10	<5	0.71	<5	<50	301	3	22	86.6
C69207 (9948484)	19	<10	<5	999	<10	<10	7	1.51	<5	<50	202	5	28	98.7
C69208 (9948485)	19	<10	<5	1000	<10	<10	8	1.75	<5	<50	238	6	30	99.8

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444248

PROJECT: AGAT00555

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019					DATE REPORTED: Mar 28, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
C69209 (9948486)	37	<10	<5	306	<10	<10	<5	0.47	<5	<50	214	3	19	94.4	
C69210 (9948487)	38	<10	<5	209	<10	<10	<5	0.44	<5	<50	213	3	17	101	
C69211 (9948488)	35	<10	<5	207	<10	<10	<5	0.41	<5	<50	198	3	17	82.9	
C69212 (9948489)	<1	<10	<5	67	<10	<10	7	<0.01	<5	<50	1.0	<1	2	4.8	
C69213 (9948490)	36	<10	<5	183	<10	<10	<5	0.44	<5	<50	210	3	18	113	
C69214 (9948491)	10	<10	<5	191	<10	<10	11	0.19	<5	<50	57.4	2	8	135	
C69215 (9948492)	15	<10	<5	337	<10	<10	7	0.35	<5	<50	112	2	13	80.3	
C69216 (9948493)	18	<10	<5	488	<10	<10	8	1.01	<5	<50	178	3	17	76.5	

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ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019      DATE RECEIVED: Mar 07, 2019      DATE REPORTED: Mar 28, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C69145 (9948422)				114
C69146 (9948423)				48
C69147 (9948424)				146
C69148 (9948425)				170
C69149 (9948426)				82
C69150 (9948427)				97
C69151 (9948428)				128
C69152 (9948429)				<5
C69153 (9948430)				97
C69154 (9948431)				36
C69155 (9948432)				62
C69156 (9948433)				141
C69157 (9948434)				217
C69158 (9948435)				216
C69159 (9948436)				146
C69160 (9948437)				43
C69161 (9948438)				13
C69162 (9948439)				35
C69163 (9948440)				89
C69164 (9948441)				53
C69165 (9948442)				57
C69166 (9948443)				48
C69167 (9948444)				72
C69168 (9948445)				40
C69169 (9948446)				53
C69170 (9948447)				71
C69171 (9948448)				58
C69172 (9948449)				<5
C69173 (9948450)				59
C69174 (9948451)				62
C69175 (9948452)				67
C69176 (9948453)				80

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444248

PROJECT: AGAT00555

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019      DATE RECEIVED: Mar 07, 2019      DATE REPORTED: Mar 28, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C69177 (9948454)				53
C69178 (9948455)				54
C69179 (9948456)				52
C69180 (9948457)				63
C69181 (9948458)				245
C69182 (9948459)				55
C69183 (9948460)				55
C69184 (9948461)				57
C69185 (9948462)				57
C69186 (9948463)				95
C69187 (9948464)				196
C69188 (9948465)				205
C69189 (9948466)				78
C69190 (9948467)				78
C69191 (9948468)				70
C69192 (9948469)				<5
C69193 (9948470)				104
C69194 (9948471)				162
C69195 (9948472)				221
C69196 (9948473)				109
C69197 (9948474)				143
C69198 (9948475)				151
C69199 (9948476)				271
C69200 (9948477)				240
C69201 (9948478)				134
C69202 (9948479)				82
C69203 (9948480)				100
C69204 (9948481)				113
C69205 (9948482)				206
C69206 (9948483)				53
C69207 (9948484)				92
C69208 (9948485)				145

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444248

PROJECT: AGAT00555

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019      DATE RECEIVED: Mar 07, 2019      DATE REPORTED: Mar 28, 2019      SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
C69209 (9948486)	46
C69210 (9948487)	29
C69211 (9948488)	44
C69212 (9948489)	<5
C69213 (9948490)	27
C69214 (9948491)	74
C69215 (9948492)	98
C69216 (9948493)	163

Comments: RDL - Reported Detection Limit  
9948422-9948493 As, Sb values may be low due to digestion losses.

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444248

PROJECT: AGAT00555

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 06, 2019      DATE RECEIVED: Mar 07, 2019      DATE REPORTED: Mar 28, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C69145 (9948422)			0.005
C69146 (9948423)			1.23
C69147 (9948424)			0.012
C69148 (9948425)			0.006
C69149 (9948426)			0.002
C69150 (9948427)			0.012
C69151 (9948428)			0.110
C69152 (9948429)			0.002
C69153 (9948430)			0.018
C69154 (9948431)			0.027
C69155 (9948432)			0.002
C69156 (9948433)			0.001
C69157 (9948434)			0.004
C69158 (9948435)			0.004
C69159 (9948436)			0.001
C69160 (9948437)			0.002
C69161 (9948438)			0.001
C69162 (9948439)			0.003
C69163 (9948440)			0.005
C69164 (9948441)			0.005
C69165 (9948442)			0.004
C69166 (9948443)			1.20
C69167 (9948444)			0.004
C69168 (9948445)			0.003
C69169 (9948446)			0.003
C69170 (9948447)			0.003
C69171 (9948448)			0.005
C69172 (9948449)			<0.001
C69173 (9948450)			0.004
C69174 (9948451)			0.004
C69175 (9948452)			0.004
C69176 (9948453)			0.004

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444248

PROJECT: AGAT00555

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 06, 2019      DATE RECEIVED: Mar 07, 2019      DATE REPORTED: Mar 28, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au	ppm	0.001	
C69177 (9948454)				0.006
C69178 (9948455)				0.004
C69179 (9948456)				0.004
C69180 (9948457)				0.004
C69181 (9948458)				0.003
C69182 (9948459)				0.004
C69183 (9948460)				0.004
C69184 (9948461)				0.004
C69185 (9948462)				0.004
C69186 (9948463)				0.319
C69187 (9948464)				0.001
C69188 (9948465)				0.002
C69189 (9948466)				0.004
C69190 (9948467)				0.002
C69191 (9948468)				0.002
C69192 (9948469)				0.001
C69193 (9948470)				0.002
C69194 (9948471)				0.002
C69195 (9948472)				0.001
C69196 (9948473)				0.004
C69197 (9948474)				0.002
C69198 (9948475)				0.001
C69199 (9948476)				0.002
C69200 (9948477)				0.002
C69201 (9948478)				0.001
C69202 (9948479)				0.003
C69203 (9948480)				0.001
C69204 (9948481)				0.002
C69205 (9948482)				0.001
C69206 (9948483)				0.523
C69207 (9948484)				0.001
C69208 (9948485)				0.002

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T444248

PROJECT: AGAT00555

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 06, 2019

DATE RECEIVED: Mar 07, 2019

DATE REPORTED: Mar 28, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C69209 (9948486)			0.001
C69210 (9948487)			0.009
C69211 (9948488)			0.003
C69212 (9948489)			0.001
C69213 (9948490)			0.003
C69214 (9948491)			0.002
C69215 (9948492)			0.002
C69216 (9948493)			0.002

Comments: RDL - Reported Detection Limit

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T444248

PROJECT: AGAT00555

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CANADA L4Z 1N9  
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FAX (905)501-0589  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 06, 2019

DATE RECEIVED: Mar 07, 2019

DATE REPORTED: Mar 28, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
C69147 (9948424)		83
C69164 (9948441)		83
C69184 (9948461)		78
C69204 (9948481)		83

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	9948422	< 0.5	< 0.5	0.0%	9948436	< 0.5	< 0.5	0.0%	9948447	< 0.5	< 0.5	0.0%	9948461	< 0.5	< 0.5	0.0%
Al	9948422	8.43	8.38	0.6%	9948436	7.69	7.81	1.5%	9948447	7.16	7.07	1.3%	9948461	7.40	7.77	4.9%
As	9948422	2	3		9948436	< 1	< 1	0.0%	9948447	< 1	< 1	0.0%	9948461	6	5	18.2%
Ba	9948422	757	761	0.5%	9948436	1020	1040	1.9%	9948447	373	368	1.3%	9948461	133	131	1.5%
Be	9948422	1.6	1.6	0.0%	9948436	0.95	0.97	2.1%	9948447	2.9	2.9	0.0%	9948461	0.8	0.8	0.0%
Bi	9948422	< 1	< 1	0.0%	9948436	< 1	< 1	0.0%	9948447	< 1	2		9948461	< 1	< 1	0.0%
Ca	9948422	2.74	2.70	1.5%	9948436	2.60	2.70	3.8%	9948447	6.55	6.47	1.2%	9948461	1.04	1.10	5.6%
Cd	9948422	< 0.5	< 0.5	0.0%	9948436	< 0.5	< 0.5	0.0%	9948447	< 0.5	< 0.5	0.0%	9948461	< 0.5	< 0.5	0.0%
Ce	9948422	9	9	0.0%	9948436	158	159	0.6%	9948447	88	88	0.0%	9948461	10	10	0.0%
Co	9948422	6.8	6.8	0.0%	9948436	20.3	20.3	0.0%	9948447	32.8	32.9	0.3%	9948461	4.83	5.31	9.5%
Cr	9948422	49.2	53.2	7.8%	9948436	97.7	107	9.1%	9948447	250	253	1.2%	9948461	29.7	35	16.4%
Cu	9948422	47.9	49.7	3.7%	9948436	162	158	2.5%	9948447	23.7	21.8	8.4%	9948461	120	119	0.8%
Fe	9948422	1.66	1.66	0.0%	9948436	3.87	3.98	2.8%	9948447	6.55	6.44	1.7%	9948461	1.18	1.22	3.3%
Ga	9948422	16	16	0.0%	9948436	15	16	6.5%	9948447	19	17	11.1%	9948461	15	16	6.5%
In	9948422	< 1	< 1	0.0%	9948436	< 1	< 1	0.0%	9948447	< 1	< 1	0.0%	9948461	< 1	< 1	0.0%
K	9948422	1.20	1.23	2.5%	9948436	2.31	2.30	0.4%	9948447	1.37	1.39	1.4%	9948461	0.50	0.50	0.0%
La	9948422	6	6	0.0%	9948436	82	82	0.0%	9948447	46	46	0.0%	9948461	7	7	0.0%
Li	9948422	9	9	0.0%	9948436	20	19	5.1%	9948447	15	15	0.0%	9948461	9	9	0.0%
Mg	9948422	0.506	0.495	2.2%	9948436	1.58	1.61	1.9%	9948447	4.85	4.79	1.2%	9948461	0.45	0.46	2.2%
Mn	9948422	248	247	0.4%	9948436	592	598	1.0%	9948447	1280	1260	1.6%	9948461	211	215	1.9%
Mo	9948422	17.6	15.8	10.8%	9948436	< 0.5	< 0.5	0.0%	9948447	5.2	6.0	14.3%	9948461	1.9	2.0	5.1%
Na	9948422	3.56	3.60	1.1%	9948436	0.923	0.915	0.9%	9948447	3.14	3.14	0.0%	9948461	1.86	1.84	1.1%
Ni	9948422	15.1	16.6	9.5%	9948436	53.6	53.9	0.6%	9948447	66.6	66.9	0.4%	9948461	14.2	14.6	2.8%
P	9948422	98	90	8.5%	9948436	2100	2620	22.0%	9948447	1260	1120	11.8%	9948461	204	240	16.2%
Pb	9948422	< 20	< 20	0.0%	9948436	< 20	< 20	0.0%	9948447	< 20	< 20	0.0%	9948461	< 20	< 20	0.0%
Rb	9948422	< 50	< 50	0.0%	9948436	< 50	< 50	0.0%	9948447	< 50	< 50	0.0%	9948461	< 50	< 50	0.0%
S	9948422	0.14	0.14	0.0%	9948436	0.12	0.12	0.0%	9948447	0.04	0.04	0.0%	9948461	0.235	0.246	4.6%
Sb	9948422	1	< 1		9948436	< 1	< 1	0.0%	9948447	< 1	< 1	0.0%	9948461	< 1	2	
Sc	9948422	6	6	0.0%	9948436	14	14	0.0%	9948447	31	31	0.0%	9948461	3	3	0.0%
Se	9948422	< 10	< 10	0.0%	9948436	< 10	< 10	0.0%	9948447	< 10	< 10	0.0%	9948461	< 10	< 10	0.0%
Sn	9948422	< 5	< 5	0.0%	9948436	< 5	< 5	0.0%	9948447	< 5	< 5	0.0%	9948461	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	9948422	347	355	2.3%	9948436	1140	1130	0.9%	9948447	288	286	0.7%	9948461	142	141	0.7%
Ta	9948422	< 10	< 10	0.0%	9948436	< 10	< 10	0.0%	9948447	< 10	< 10	0.0%	9948461	< 10	< 10	0.0%
Te	9948422	< 10	< 10	0.0%	9948436	< 10	< 10	0.0%	9948447	< 10	< 10	0.0%	9948461	< 10	< 10	0.0%
Th	9948422	6	6	0.0%	9948436	10	10	0.0%	9948447	11	9	20.0%	9948461	8	9	11.8%
Ti	9948422	0.12	0.12	0.0%	9948436	1.85	1.98	6.8%	9948447	0.59	0.59	0.0%	9948461	0.42	0.42	0.0%
Tl	9948422	< 5	< 5	0.0%	9948436	< 5	< 5	0.0%	9948447	< 5	< 5	0.0%	9948461	< 5	< 5	0.0%
U	9948422	< 50	< 50	0.0%	9948436	< 50	< 50	0.0%	9948447	< 50	< 50	0.0%	9948461	< 50	< 50	0.0%
V	9948422	32.2	32.1	0.3%	9948436	301	301	0.0%	9948447	110	108	1.8%	9948461	232	228	1.7%
W	9948422	< 1	2		9948436	2	1		9948447	3	3	0.0%	9948461	< 1	< 1	0.0%
Y	9948422	4	4	0.0%	9948436	12	12	0.0%	9948447	33	33	0.0%	9948461	4	4	0.0%
Zn	9948422	38.6	41.5	7.2%	9948436	105	106	0.9%	9948447	106	106	0.0%	9948461	72.2	73.1	1.2%
Zr	9948422	114	112	1.8%	9948436	146	175	18.1%	9948447	71	69	2.9%	9948461	57	57	0.0%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	9948472	< 0.5	< 0.5	0.0%	9948486	< 0.5	< 0.5	0.0%								
Al	9948472	2.63	2.70	2.6%	9948486	7.86	8.01	1.9%								
As	9948472	< 1	< 1	0.0%	9948486	< 1	< 1	0.0%								
Ba	9948472	844	845	0.1%	9948486	185	185	0.0%								
Be	9948472	0.5	0.6	18.2%	9948486	1.7	1.7	0.0%								
Bi	9948472	1	< 1		9948486	1	2									
Ca	9948472	7.40	7.24	2.2%	9948486	7.30	7.64	4.6%								
Cd	9948472	< 0.5	< 0.5	0.0%	9948486	< 0.5	< 0.5	0.0%								
Ce	9948472	121	120	0.8%	9948486	7	7	0.0%								
Co	9948472	69.7	68.4	1.9%	9948486	58.5	58.9	0.7%								
Cr	9948472	596	576	3.4%	9948486	186	198	6.3%								
Cu	9948472	105	107	1.9%	9948486	94.4	94.1	0.3%								
Fe	9948472	8.51	8.42	1.1%	9948486	8.27	8.44	2.0%								
Ga	9948472	19	18	5.4%	9948486	20	20	0.0%								
In	9948472	< 1	< 1	0.0%	9948486	< 1	< 1	0.0%								
K	9948472	1.97	1.99	1.0%	9948486	0.73	0.73	0.0%								
La	9948472	66	65	1.5%	9948486	6	6	0.0%								
Li	9948472	16	16	0.0%	9948486	30	30	0.0%								
Mg	9948472	11.1	10.9	1.8%	9948486	5.80	5.91	1.9%								
Mn	9948472	1480	1460	1.4%	9948486	1450	1480	2.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	9948472	< 0.5	0.6		9948486	< 0.5	1.0									
Na	9948472	0.92	0.95	3.2%	9948486	2.18	2.17	0.5%								
Ni	9948472	507	500	1.4%	9948486	194	199	2.5%								
P	9948472	2630	2710	3.0%	9948486	581	513	12.4%								
Pb	9948472	< 20	< 20	0.0%	9948486	< 20	< 20	0.0%								
Rb	9948472	< 50	< 50	0.0%	9948486	< 50	< 50	0.0%								
S	9948472	0.22	0.22	0.0%	9948486	0.10	0.094	2.1%								
Sb	9948472	< 1	< 1	0.0%	9948486	< 1	2									
Sc	9948472	19	19	0.0%	9948486	37	38	2.7%								
Se	9948472	< 10	< 10	0.0%	9948486	< 10	< 10	0.0%								
Sn	9948472	< 5	< 5	0.0%	9948486	< 5	< 5	0.0%								
Sr	9948472	807	807	0.0%	9948486	306	302	1.3%								
Ta	9948472	< 10	< 10	0.0%	9948486	< 10	< 10	0.0%								
Te	9948472	< 10	11		9948486	< 10	< 10	0.0%								
Th	9948472	8	9	11.8%	9948486	< 5	< 5	0.0%								
Ti	9948472	2.23	2.27	1.8%	9948486	0.47	0.47	0.0%								
Tl	9948472	< 5	< 5	0.0%	9948486	< 5	< 5	0.0%								
U	9948472	< 50	< 50	0.0%	9948486	< 50	< 50	0.0%								
V	9948472	257	259	0.8%	9948486	214	211	1.4%								
W	9948472	5	5	0.0%	9948486	3	3	0.0%								
Y	9948472	21	21	0.0%	9948486	19	19	0.0%								
Zn	9948472	77.5	78.6	1.4%	9948486	94.4	96.7	2.4%								
Zr	9948472	221	211	4.6%	9948486	46	51	10.3%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	9948422	0.0051	0.0043	17.0%	9948436	0.001	0.001	0.0%	9948447	0.003	0.003	0.0%	9948461	0.004	0.004	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	9948472	0.001	0.002		9948486	0.001	0.002									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	11.75	107%	90% - 110%	8.17	8.5	104%	90% - 110%	6.96	7.03	101%	90% - 110%	10.95	11.35	104%	90% - 110%
As					26	24	92%	90% - 110%	124	128	103%	90% - 110%				
Ba	340	335	98%	90% - 110%	540	540	100%	90% - 110%	186	193	104%	90% - 110%	340	364	107%	90% - 110%
Be	2.6	2.7	105%	90% - 110%	4.0	3.7	92%	90% - 110%					2.6	2.6	101%	90% - 110%
Ca	5.72	5.9	103%	90% - 110%	0.907	0.936	103%	90% - 110%	4.01	3.93	98%	90% - 110%	5.72	5.8	101%	90% - 110%
Ce	122	120	99%	90% - 110%	98	97	99%	90% - 110%	24	22	91%	90% - 110%	122	121	99%	90% - 110%
Co	2.8	2.5	89%	90% - 110%					22.1	22.4	101%	90% - 110%	2.8	2	72%	90% - 110%
Cr					60.3	61.3	102%	90% - 110%								
Cu	7	7	96%	90% - 110%	150	157	105%	90% - 110%	88.6	93.2	105%	90% - 110%	7	5	72%	90% - 110%
Fe	4.34	4.23	97%	90% - 110%	3.77	3.72	99%	90% - 110%	7.56	7.15	95%	90% - 110%	4.34	4.16	96%	90% - 110%
Ga	35	33	94%	90% - 110%									35	32	90%	90% - 110%
K	1.37	1.43	105%	90% - 110%					2.021	2.079	103%	90% - 110%	1.37	1.44	105%	90% - 110%
La	58	56.2	97%	90% - 110%	44	44.5	101%	90% - 110%					58	57.5	99%	90% - 110%
Li	37	38	103%	90% - 110%	47	46	98%	90% - 110%					37	38	103%	90% - 110%
Mg	0.325	0.316	97%	90% - 110%	1.10	1.12	102%	90% - 110%	2.412	2.434	101%	90% - 110%	0.325	0.31	95%	90% - 110%
Mn					780	773	99%	90% - 110%	1510	1456	96%	90% - 110%				
Mo					14	14	98%	90% - 110%								
Na	5.267	5.273	100%	90% - 110%	1.624	1.672	103%	90% - 110%	0.617	0.634	103%	90% - 110%	5.267	5.262	100%	90% - 110%
Ni					32	32	101%	90% - 110%	77.1	71.4	93%	90% - 110%	9	8	88%	90% - 110%
P					750	747	100%	90% - 110%	892	947	106%	90% - 110%				
Pb					31	28	90%	90% - 110%								
S									0.348	0.355	102%	90% - 110%				
Sc	1.1	1	93%	90% - 110%	12	13	107%	90% - 110%					1.1	1	93%	90% - 110%
Sr	1191	1154	97%	90% - 110%	144	151	105%	90% - 110%	92.8	91.7	99%	90% - 110%	1191	1165	98%	90% - 110%
Th					18.4	20.4	110%	90% - 110%								
Ti	0.172	0.169	98%	90% - 110%	0.53	0.49	92%	90% - 110%					0.172	0.175	102%	90% - 110%
V					77	78	101%	90% - 110%								
Y	119	128	107%	90% - 110%									119	126	106%	90% - 110%
Zn	93	96	103%	90% - 110%	130	130	100%	90% - 110%	208	221	106%	90% - 110%	93	101	109%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Parameter	CRM #1 (ref.GS6E)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS5W)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.06	6.21	103%	90% - 110%	0.725	0.739	102%	90% - 110%	5.27	5.11	97%	90% - 110%	0.562	0.547	97%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00555  
 SAMPLING SITE:

AGAT WORK ORDER: 19T444248  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00556

AGAT WORK ORDER: 19T444371

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Mar 26, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.





## Certificate of Analysis

AGAT WORK ORDER: 19T444371

PROJECT: AGAT00556

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 06, 2019

DATE RECEIVED: Mar 07, 2019

DATE REPORTED: Mar 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
A74537 (9949135)		2.38
A74538 (9949136)		2.38
A74539 (9949137)		2.27
A74540 (9949138)		0.910
A74541 (9949139)		0.750
A74542 (9949140)		2.94
A74543 (9949141)		2.25
A74544 (9949142)		2.34
A74545 (9949143)		2.40
A74546 (9949144)		0.0700
A74547 (9949145)		1.76
A74548 (9949146)		0.660
A74549 (9949147)		2.05
A74550 (9949148)		2.06
A74551 (9949149)		2.27
A74552 (9949150)		2.05
A74553 (9949151)		2.31
A74554 (9949152)		1.91
A74555 (9949153)		1.77
A74556 (9949154)		1.17
A74557 (9949155)		2.41
A74558 (9949156)		2.41
A74559 (9949157)		0.800
A74560 (9949158)		0.960
A74561 (9949159)		2.93
A74562 (9949160)		2.35
A74563 (9949161)		2.44
A74564 (9949162)		2.28
A74565 (9949163)		2.33
A74566 (9949164)		0.0700
A74567 (9949165)		2.33

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444371

PROJECT: AGAT00556

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 06, 2019      DATE RECEIVED: Mar 07, 2019      DATE REPORTED: Mar 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
A74568 (9949166)		2.29
A74569 (9949167)		2.38
A74570 (9949168)		2.39
A74571 (9949169)		2.25
A74572 (9949170)		2.45
A74573 (9949171)		2.28
A74574 (9949172)		2.46
A74575 (9949173)		2.28
A74576 (9949174)		1.19
A74577 (9949175)		1.26
A74578 (9949176)		1.26
A74579 (9949177)		3.05
A74580 (9949178)		1.88
A74581 (9949179)		2.50
A74582 (9949180)		2.42
A74583 (9949181)		2.40
A74584 (9949182)		2.48
A74585 (9949183)		2.70
A74586 (9949184)		0.0700
A74587 (9949185)		2.64
A74588 (9949186)		2.37
A74589 (9949187)		1.13
A74590 (9949188)		1.30
A74591 (9949189)		2.30
A74592 (9949190)		1.58
A74593 (9949191)		2.34
A74594 (9949192)		2.31
A74595 (9949193)		2.36
A74596 (9949194)		2.35
A74597 (9949195)		2.29
A74598 (9949196)		2.29

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T444371

PROJECT: AGAT00556

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (200-) Sample Login Weight

DATE SAMPLED: Mar 06, 2019

DATE RECEIVED: Mar 07, 2019

DATE REPORTED: Mar 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
A74599 (9949197)		2.47
A74600 (9949198)		2.33
A74601 (9949199)		2.38
A74602 (9949200)		2.34
A74603 (9949201)		2.37
A74604 (9949202)		1.86
A74605 (9949203)		1.17
A74606 (9949204)		0.0700
A74607 (9949205)		1.29
A74608 (9949206)		1.92

Comments: RDL - Reported Detection Limit

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T444371

PROJECT: AGAT00556

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019							DATE REPORTED: Mar 26, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
A74537 (9949135)	<0.5	7.48	<1	481	1.9	2	3.06	<0.5	49	18.9	98.6	42.7	4.52	31	
A74538 (9949136)	<0.5	7.57	<1	476	1.7	<1	3.08	<0.5	49	18.5	121	43.4	4.70	27	
A74539 (9949137)	<0.5	7.59	3	545	1.7	<1	2.98	<0.5	45	18.5	95.2	33.2	4.52	29	
A74540 (9949138)	<0.5	7.74	3	524	1.7	<1	3.66	<0.5	45	21.7	111	44.9	5.23	30	
A74541 (9949139)	<0.5	3.82	<1	889	3.8	<1	8.00	<0.5	129	36.3	210	64.3	5.98	35	
A74542 (9949140)	2.9	7.66	<1	451	1.6	<1	3.58	<0.5	42	20.9	102	37.7	4.94	32	
A74543 (9949141)	<0.5	7.30	<1	465	1.5	<1	3.27	<0.5	43	20.8	95.3	46.7	4.66	30	
A74544 (9949142)	<0.5	7.35	<1	446	1.7	<1	3.42	<0.5	36	21.6	105	47.9	5.14	32	
A74545 (9949143)	<0.5	7.50	<1	412	1.8	<1	3.23	<0.5	41	22.1	117	40.4	5.03	32	
A74546 (9949144)	<0.5	7.23	6	87	1.4	3	7.27	<0.5	7	37.6	140	157	7.40	33	
A74547 (9949145)	<0.5	7.86	1	445	1.7	2	3.26	<0.5	44	21.1	93.8	57.6	4.71	29	
A74548 (9949146)	<0.5	7.52	1	323	1.5	<1	2.45	<0.5	34	9.0	62.3	28.3	2.50	24	
A74549 (9949147)	<0.5	7.44	<1	481	1.9	<1	3.21	<0.5	45	20.6	110	47.9	4.64	32	
A74550 (9949148)	<0.5	7.49	<1	450	1.5	<1	3.47	<0.5	42	21.5	105	41.1	4.98	32	
A74551 (9949149)	<0.5	7.81	2	451	1.7	<1	3.60	<0.5	49	23.1	121	40.5	4.98	32	
A74552 (9949150)	<0.5	0.07	2	14	<0.5	2	32.9	<0.5	<1	0.7	3.2	<0.5	0.09	12	
A74553 (9949151)	<0.5	8.02	2	485	1.5	1	3.83	<0.5	42	23.0	97.1	55.6	5.56	31	
A74554 (9949152)	<0.5	7.58	<1	572	2.0	3	3.61	<0.5	46	20.5	96.9	41.9	5.01	30	
A74555 (9949153)	<0.5	2.37	<1	1150	5.0	4	6.88	<0.5	168	55.1	771	88.3	7.33	37	
A74556 (9949154)	<0.5	7.34	7	500	10.2	<1	4.15	<0.5	46	20.4	85.2	36.8	4.48	30	
A74557 (9949155)	<0.5	7.65	3	488	1.5	1	3.39	<0.5	45	21.9	96.1	44.1	5.12	32	
A74558 (9949156)	<0.5	7.56	<1	514	1.5	<1	3.51	<0.5	45	22.5	104	46.6	5.18	33	
A74559 (9949157)	<0.5	7.55	<1	535	1.8	<1	3.47	<0.5	51	21.0	82.9	28.1	4.81	30	
A74560 (9949158)	<0.5	2.85	<1	825	9.4	4	8.86	<0.5	189	56.4	268	123	11.7	46	
A74561 (9949159)	<0.5	7.54	3	451	1.8	2	3.87	<0.5	39	24.2	99.7	50.9	5.36	33	
A74562 (9949160)	<0.5	7.52	3	474	1.6	<1	3.73	<0.5	49	21.7	86.6	40.6	5.06	29	
A74563 (9949161)	<0.5	7.66	<1	479	1.6	<1	3.60	<0.5	42	22.4	111	50.5	4.99	31	
A74564 (9949162)	<0.5	7.74	<1	561	1.5	<1	3.46	<0.5	50	21.1	99.6	44.1	5.30	35	
A74565 (9949163)	<0.5	6.83	3	837	3.0	1	4.43	<0.5	98	20.9	88.0	53.2	5.16	34	
A74566 (9949164)	<0.5	7.04	<1	149	1.6	<1	6.74	<0.5	8	41.2	131	152	7.95	37	
A74567 (9949165)	<0.5	7.45	<1	516	1.7	<1	3.99	<0.5	48	21.8	90.1	49.3	4.92	34	
A74568 (9949166)	<0.5	7.49	<1	508	1.4	<1	3.46	<0.5	43	20.9	92.8	42.2	4.72	31	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444371

PROJECT: AGAT00556

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019							DATE REPORTED: Mar 26, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
A74569 (9949167)	<0.5	6.72	<1	424	1.5	<1	3.21	<0.5	38	21.0	106	34.8	4.83	28	
A74570 (9949168)	<0.5	7.75	<1	439	1.6	<1	3.71	<0.5	41	22.3	100	53.0	5.50	31	
A74571 (9949169)	<0.5	7.91	<1	404	1.8	<1	3.88	<0.5	53	21.4	91.7	53.9	5.14	29	
A74572 (9949170)	<0.5	0.06	3	15	<0.5	<1	32.0	<0.5	<1	0.8	3.5	<0.5	0.10	12	
A74573 (9949171)	<0.5	7.58	4	523	2.0	<1	3.16	<0.5	43	18.8	91.2	49.4	4.46	32	
A74574 (9949172)	<0.5	7.58	<1	430	1.9	<1	3.76	<0.5	43	23.6	108	69.2	5.16	32	
A74575 (9949173)	<0.5	7.70	<1	467	1.5	1	3.64	<0.5	40	23.7	112	52.5	5.55	31	
A74576 (9949174)	<0.5	7.60	3	477	1.5	<1	4.23	<0.5	41	26.4	122	34.1	5.92	33	
A74577 (9949175)	<0.5	7.35	<1	196	3.0	5	6.92	<0.5	27	46.3	146	167	9.69	43	
A74578 (9949176)	<0.5	7.46	<1	200	2.6	3	7.14	<0.5	27	46.6	147	170	10.0	42	
A74579 (9949177)	<0.5	7.33	<1	182	2.8	2	6.89	<0.5	26	45.7	140	165	9.53	41	
A74580 (9949178)	<0.5	7.71	<1	168	2.2	2	7.24	<0.5	25	45.7	135	165	9.74	41	
A74581 (9949179)	<0.5	7.76	<1	155	2.4	7	7.25	<0.5	23	47.8	143	156	9.33	38	
A74582 (9949180)	<0.5	8.13	<1	190	2.4	9	7.38	<0.5	27	42.9	145	177	9.84	42	
A74583 (9949181)	<0.5	7.02	<1	235	4.0	<1	6.65	<0.5	37	50.6	171	197	10.7	47	
A74584 (9949182)	<0.5	7.65	<1	230	2.4	<1	6.98	<0.5	23	49.1	159	195	9.43	40	
A74585 (9949183)	<0.5	7.68	<1	161	2.5	3	7.19	<0.5	23	42.3	165	156	9.31	56	
A74586 (9949184)	<0.5	7.22	<1	198	2.0	<1	6.49	<0.5	19	39.9	161	107	7.75	39	
A74587 (9949185)	<0.5	7.80	<1	182	2.1	3	7.30	<0.5	23	45.4	142	158	9.57	38	
A74588 (9949186)	<0.5	7.26	<1	193	3.0	<1	6.95	<0.5	27	47.6	152	170	9.69	40	
A74589 (9949187)	<0.5	7.20	<1	212	2.6	2	6.56	<0.5	27	44.5	141	161	9.23	41	
A74590 (9949188)	<0.5	7.63	3	692	2.0	<1	3.01	<0.5	67	11.7	84.4	27.5	3.31	29	
A74591 (9949189)	<0.5	7.91	<1	562	1.6	3	3.88	<0.5	40	21.8	109	35.9	5.32	34	
A74592 (9949190)	<0.5	0.07	<1	19	<0.5	<1	33.1	<0.5	<1	0.7	4.6	<0.5	0.10	11	
A74593 (9949191)	<0.5	7.52	<1	450	1.9	<1	3.37	<0.5	50	21.0	133	43.3	4.71	34	
A74594 (9949192)	<0.5	7.57	<1	425	1.5	1	3.97	<0.5	45	22.5	107	38.6	5.16	34	
A74595 (9949193)	<0.5	7.47	<1	499	1.4	<1	3.84	<0.5	42	23.2	127	43.2	5.00	31	
A74596 (9949194)	<0.5	7.59	<1	836	2.0	<1	3.24	<0.5	51	17.7	112	56.0	4.11	31	
A74597 (9949195)	<0.5	7.74	<1	635	1.7	<1	3.74	<0.5	48	22.4	118	61.0	5.07	31	
A74598 (9949196)	<0.5	7.81	<1	634	1.7	<1	3.80	<0.5	48	21.8	107	61.0	5.10	33	
A74599 (9949197)	<0.5	7.66	<1	511	1.5	<1	3.61	<0.5	40	25.3	151	57.6	5.81	33	
A74600 (9949198)	<0.5	7.76	<1	533	1.7	1	3.37	<0.5	41	21.3	102	41.9	4.94	29	

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## Certificate of Analysis

AGAT WORK ORDER: 19T444371

PROJECT: AGAT00556

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019							DATE REPORTED: Mar 26, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:														
A74601 (9949199)	<0.5	7.61	2	474	1.7	<1	3.16	<0.5	39	21.4	136	43.5	4.94	31	
A74602 (9949200)	<0.5	7.74	<1	534	1.7	<1	3.63	<0.5	53	23.3	110	26.0	5.23	34	
A74603 (9949201)	<0.5	7.76	<1	697	1.6	<1	3.13	<0.5	48	19.9	108	22.6	4.83	30	
A74604 (9949202)	<0.5	7.57	2	576	1.6	1	3.09	<0.5	47	20.3	128	40.1	4.93	29	
A74605 (9949203)	<0.5	5.25	2	498	1.2	<1	1.90	<0.5	38	15.1	142	37.4	3.48	23	
A74606 (9949204)	<0.5	7.01	<1	149	1.5	9	6.73	<0.5	8	40.3	135	150	7.98	32	
A74607 (9949205)	<0.5	7.85	<1	439	1.8	<1	4.50	<0.5	35	26.8	93.5	73.0	5.53	35	
A74608 (9949206)	<0.5	7.25	<1	212	2.4	<1	6.68	<0.5	27	43.3	151	158	9.24	40	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019					DATE REPORTED: Mar 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
A74537 (9949135)	<1	1.46	21	23	1.66	861	9.6	2.83	49.6	711	<20	<50	0.12	<1	
A74538 (9949136)	<1	1.47	21	23	1.70	897	9.8	2.79	49.7	781	<20	<50	0.13	<1	
A74539 (9949137)	<1	1.46	20	21	1.67	847	7.0	2.77	48.6	641	<20	<50	0.09	<1	
A74540 (9949138)	<1	1.33	19	28	2.09	982	4.1	3.15	55.8	818	<20	<50	0.09	<1	
A74541 (9949139)	<1	1.90	57	69	6.42	1140	2.6	2.38	196	2500	<20	<50	0.12	<1	
A74542 (9949140)	<1	1.16	19	20	1.91	947	3.8	2.90	56.1	708	<20	<50	0.09	<1	
A74543 (9949141)	<1	1.18	19	23	1.70	894	6.1	2.75	53.1	676	<20	<50	0.10	<1	
A74544 (9949142)	<1	1.34	16	24	1.95	962	4.9	2.73	54.4	981	<20	<50	0.10	<1	
A74545 (9949143)	<1	1.50	17	25	1.89	896	5.6	2.77	60.7	480	<20	<50	0.09	<1	
A74546 (9949144)	<1	0.24	4	13	4.53	1290	0.5	1.62	101	352	<20	<50	0.21	<1	
A74547 (9949145)	<1	1.72	19	27	1.67	869	3.2	3.09	52.7	680	<20	<50	0.12	<1	
A74548 (9949146)	<1	1.07	16	14	0.77	441	8.4	3.19	27.1	331	<20	<50	0.06	<1	
A74549 (9949147)	<1	1.42	20	28	1.79	872	4.4	2.73	55.4	755	<20	<50	0.10	<1	
A74550 (9949148)	<1	1.20	18	22	1.90	960	6.7	2.62	55.6	654	<20	<50	0.08	<1	
A74551 (9949149)	<1	1.23	21	21	2.02	940	3.7	2.87	67.1	774	<20	<50	0.08	<1	
A74552 (9949150)	<1	0.01	3	<1	2.04	46	1.5	0.05	<0.5	76	<20	<50	<0.01	2	
A74553 (9949151)	<1	1.41	18	27	2.18	965	4.0	2.85	61.6	693	<20	<50	0.13	<1	
A74554 (9949152)	<1	1.16	20	25	2.17	871	3.3	3.37	66.5	788	<20	<50	0.09	<1	
A74555 (9949153)	<1	2.46	72	31	11.6	1140	<0.5	1.22	607	2330	<20	<50	0.11	<1	
A74556 (9949154)	<1	0.81	21	23	1.70	935	5.2	3.43	53.5	833	<20	<50	0.08	<1	
A74557 (9949155)	<1	1.35	20	20	1.91	978	4.6	2.77	57.8	765	<20	<50	0.09	<1	
A74558 (9949156)	<1	1.37	20	21	1.93	968	6.7	2.86	62.6	724	<20	<50	0.10	<1	
A74559 (9949157)	<1	1.37	24	22	1.97	921	3.7	3.19	57.4	830	<20	<50	0.06	<1	
A74560 (9949158)	<1	1.99	77	14	8.13	1800	<0.5	0.81	276	4030	26	<50	0.22	<1	
A74561 (9949159)	<1	1.25	17	24	2.10	1030	4.4	2.85	68.2	613	<20	<50	0.10	<1	
A74562 (9949160)	<1	1.20	22	23	2.00	945	4.1	2.75	54.4	656	<20	<50	0.07	2	
A74563 (9949161)	<1	1.27	19	27	1.92	952	4.9	2.72	61.8	657	<20	<50	0.10	<1	
A74564 (9949162)	<1	1.55	22	27	2.15	954	3.4	2.68	61.3	753	<20	<50	0.08	1	
A74565 (9949163)	<1	1.66	39	25	2.00	985	3.9	2.62	49.1	1860	<20	<50	0.12	<1	
A74566 (9949164)	<1	0.21	4	12	4.41	1350	<0.5	2.25	89.6	417	<20	<50	0.14	<1	
A74567 (9949165)	<1	1.14	21	21	1.92	901	3.7	2.59	52.8	751	<20	<50	0.09	<1	
A74568 (9949166)	<1	1.27	19	25	1.92	874	5.5	2.67	56.3	676	<20	<50	0.08	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019					DATE REPORTED: Mar 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
A74569 (9949167)	<1	1.11	16	21	1.85	878	3.7	2.25	56.6	642	<20	<50	0.07	1	
A74570 (9949168)	<1	1.53	18	23	2.11	1010	4.6	2.81	60.0	523	<20	<50	0.09	1	
A74571 (9949169)	<1	1.33	23	23	1.85	997	2.4	3.02	54.8	918	<20	<50	0.09	5	
A74572 (9949170)	<1	0.01	2	<1	2.04	51	2.0	0.03	0.6	72	<20	<50	<0.01	<1	
A74573 (9949171)	<1	1.65	20	24	1.65	801	5.2	2.80	49.7	501	<20	<50	0.09	1	
A74574 (9949172)	<1	1.26	19	25	2.05	946	3.4	2.69	67.5	741	<20	<50	0.12	<1	
A74575 (9949173)	<1	1.42	18	28	2.20	1010	5.3	2.60	62.1	628	<20	<50	0.09	<1	
A74576 (9949174)	<1	1.36	18	24	2.58	1050	2.1	2.56	70.4	613	<20	<50	0.06	3	
A74577 (9949175)	<1	0.48	11	5	3.59	1590	2.1	1.82	64.0	635	<20	<50	0.08	<1	
A74578 (9949176)	<1	0.50	11	5	3.69	1620	0.7	1.86	65.2	638	<20	<50	0.09	5	
A74579 (9949177)	<1	0.48	11	7	3.47	1550	2.0	1.95	62.9	617	<20	<50	0.08	2	
A74580 (9949178)	<1	0.40	11	6	3.63	1530	0.9	1.75	67.5	596	<20	<50	0.08	2	
A74581 (9949179)	<1	0.37	11	5	3.62	1470	2.6	1.75	76.2	578	<20	<50	0.08	<1	
A74582 (9949180)	<1	0.45	11	6	3.56	1560	1.2	1.81	68.5	616	<20	<50	0.09	2	
A74583 (9949181)	<1	0.62	15	11	3.21	1640	2.1	1.77	62.6	878	<20	<50	0.11	<1	
A74584 (9949182)	<1	0.60	10	11	3.83	1530	<0.5	1.81	78.6	534	<20	<50	0.07	2	
A74585 (9949183)	<1	0.39	9	7	3.64	1530	0.5	1.73	69.9	510	<20	<50	0.07	3	
A74586 (9949184)	<1	0.44	9	10	4.38	1300	<0.5	2.25	111	899	<20	<50	0.09	<1	
A74587 (9949185)	<1	0.46	10	7	3.97	1600	0.7	1.77	69.8	565	<20	<50	0.07	<1	
A74588 (9949186)	<1	0.52	12	7	3.69	1600	<0.5	1.78	67.5	644	<20	<50	0.08	5	
A74589 (9949187)	<1	0.53	11	5	3.53	1530	2.1	1.78	62.1	639	<20	<50	0.09	4	
A74590 (9949188)	<1	1.41	33	20	1.34	510	4.2	3.27	33.8	700	<20	<50	0.04	1	
A74591 (9949189)	<1	1.43	18	27	2.20	1020	3.4	2.78	59.5	606	<20	<50	0.07	1	
A74592 (9949190)	<1	0.02	3	<1	2.08	51	1.3	0.04	0.6	74	<20	<50	<0.01	<1	
A74593 (9949191)	<1	1.45	23	27	1.81	876	4.7	2.74	57.1	687	<20	<50	0.08	2	
A74594 (9949192)	<1	1.22	20	24	2.12	970	3.7	2.67	60.8	785	<20	<50	0.07	<1	
A74595 (9949193)	<1	1.22	19	22	2.04	901	4.4	2.67	58.4	691	<20	<50	0.07	2	
A74596 (9949194)	<1	1.42	24	22	1.78	737	6.1	2.71	51.7	653	<20	<50	0.09	1	
A74597 (9949195)	<1	1.39	21	22	2.09	944	3.1	2.73	59.9	724	<20	<50	0.10	3	
A74598 (9949196)	<1	1.39	22	22	2.09	953	5.5	2.75	58.3	696	<20	<50	0.10	2	
A74599 (9949197)	<1	1.46	18	26	2.22	1050	4.1	2.67	77.0	630	<20	<50	0.11	<1	
A74600 (9949198)	<1	1.29	18	20	1.77	927	7.0	2.87	56.0	636	<20	<50	0.08	1	

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PROJECT: AGAT00556

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019					DATE REPORTED: Mar 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
A74601 (9949199)	<1	1.60	18	28	1.79	919	3.1	2.73	78.2	596	<20	<50	0.09	3	
A74602 (9949200)	<1	1.44	24	23	2.03	940	5.2	2.85	60.8	746	<20	<50	0.06	2	
A74603 (9949201)	<1	1.86	22	26	1.79	862	5.0	2.65	54.8	556	<20	<50	0.06	<1	
A74604 (9949202)	<1	1.48	20	26	1.85	878	6.6	2.64	58.1	739	<20	<50	0.09	<1	
A74605 (9949203)	<1	0.95	17	19	1.35	496	9.3	1.95	43.2	629	<20	<50	0.07	<1	
A74606 (9949204)	<1	0.20	3	11	4.42	1350	<0.5	2.21	90.6	415	<20	<50	0.15	<1	
A74607 (9949205)	<1	1.18	15	18	2.27	1090	3.0	3.64	61.2	528	<20	<50	0.11	1	
A74608 (9949206)	<1	0.51	11	6	3.41	1450	2.5	1.91	64.3	600	<20	<50	0.08	3	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019					DATE REPORTED: Mar 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
A74537 (9949135)	17	<10	<5	448	<10	<10	<5	0.37	<5	<50	124	245	14	72.4	
A74538 (9949136)	17	<10	<5	452	<10	<10	<5	0.38	<5	<50	120	296	14	75.3	
A74539 (9949137)	17	<10	<5	470	<10	<10	<5	0.39	<5	<50	123	<1	14	70.2	
A74540 (9949138)	19	<10	<5	484	<10	<10	<5	0.42	<5	<50	139	<1	18	76.8	
A74541 (9949139)	18	<10	<5	820	<10	21	<5	0.94	<5	<50	185	2	23	64.1	
A74542 (9949140)	19	<10	<5	435	<10	<10	<5	0.42	<5	<50	135	<1	14	69.1	
A74543 (9949141)	17	<10	<5	434	<10	<10	<5	0.39	<5	<50	129	<1	14	66.1	
A74544 (9949142)	21	<10	<5	409	<10	<10	<5	0.42	<5	<50	141	<1	15	74.4	
A74545 (9949143)	20	<10	<5	378	<10	<10	<5	0.39	<5	<50	139	<1	14	78.6	
A74546 (9949144)	40	<10	<5	172	<10	<10	<5	0.62	<5	<50	259	<1	19	75.1	
A74547 (9949145)	18	<10	<5	433	<10	<10	<5	0.36	<5	<50	125	<1	14	67.4	
A74548 (9949146)	7	<10	<5	359	<10	<10	<5	0.19	<5	<50	56.5	<1	7	53.7	
A74549 (9949147)	18	<10	<5	407	<10	<10	<5	0.40	<5	<50	132	<1	14	70.4	
A74550 (9949148)	18	<10	<5	435	<10	<10	<5	0.41	<5	<50	131	<1	14	66.4	
A74551 (9949149)	20	<10	<5	472	<10	<10	<5	0.40	<5	<50	141	<1	15	68.2	
A74552 (9949150)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	2.1	
A74553 (9949151)	22	<10	<5	466	<10	<10	<5	0.45	<5	<50	154	<1	16	74.6	
A74554 (9949152)	19	<10	<5	487	<10	<10	<5	0.46	<5	<50	144	<1	19	92.4	
A74555 (9949153)	21	<10	<5	759	<10	47	<5	1.69	<5	<50	203	<1	17	61.6	
A74556 (9949154)	18	<10	<5	496	<10	<10	<5	0.38	<5	<50	140	<1	22	68.2	
A74557 (9949155)	19	<10	<5	433	<10	<10	<5	0.44	<5	<50	140	<1	15	70.7	
A74558 (9949156)	20	<10	<5	450	<10	<10	<5	0.44	<5	<50	143	<1	15	72.4	
A74559 (9949157)	18	<10	<5	532	<10	<10	<5	0.44	<5	<50	139	<1	15	70.2	
A74560 (9949158)	24	<10	<5	1160	<10	101	<5	2.85	<5	<50	319	<1	32	132	
A74561 (9949159)	21	<10	<5	472	<10	<10	<5	0.42	<5	<50	148	<1	15	94.6	
A74562 (9949160)	20	<10	<5	459	<10	<10	<5	0.43	<5	<50	142	<1	15	68.8	
A74563 (9949161)	20	<10	<5	454	<10	<10	<5	0.41	<5	<50	140	<1	15	72.1	
A74564 (9949162)	20	<10	<5	416	<10	<10	<5	0.44	<5	<50	143	<1	14	86.8	
A74565 (9949163)	19	<10	<5	658	<10	14	<5	0.69	<5	<50	157	<1	18	80.7	
A74566 (9949164)	44	<10	<5	114	<10	11	<5	0.70	<5	<50	296	<1	22	76.8	
A74567 (9949165)	20	<10	<5	495	<10	<10	<5	0.43	<5	<50	148	<1	16	69.8	
A74568 (9949166)	18	<10	<5	457	<10	<10	<5	0.40	<5	<50	132	<1	14	68.8	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444371

PROJECT: AGAT00556

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019					DATE REPORTED: Mar 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
A74569 (9949167)	19	<10	<5	389	<10	<10	<5	0.41	<5	<50	142	<1	14	64.8	
A74570 (9949168)	21	<10	<5	435	<10	<10	<5	0.41	<5	<50	142	<1	14	70.3	
A74571 (9949169)	19	<10	<5	483	<10	<10	<5	0.38	<5	<50	130	<1	14	67.6	
A74572 (9949170)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	2.4	
A74573 (9949171)	18	<10	<5	401	<10	<10	<5	0.35	<5	<50	128	<1	14	68.5	
A74574 (9949172)	20	<10	<5	449	<10	<10	<5	0.43	<5	<50	143	<1	16	67.5	
A74575 (9949173)	22	<10	<5	434	<10	<10	<5	0.48	<5	<50	158	<1	15	76.0	
A74576 (9949174)	24	<10	<5	480	<10	<10	<5	0.47	<5	<50	170	<1	17	77.6	
A74577 (9949175)	45	<10	<5	208	<10	21	<5	1.01	<5	<50	308	<1	26	97.8	
A74578 (9949176)	46	<10	<5	214	<10	24	<5	1.05	<5	<50	313	<1	27	100	
A74579 (9949177)	46	<10	<5	202	<10	24	<5	0.97	<5	<50	306	<1	26	98.5	
A74580 (9949178)	42	<10	<5	205	<10	23	<5	1.02	<5	<50	298	<1	25	95.1	
A74581 (9949179)	41	<10	<5	205	<10	26	<5	0.95	<5	<50	293	<1	24	91.2	
A74582 (9949180)	42	<10	5	216	<10	24	<5	1.06	<5	<50	297	<1	26	100	
A74583 (9949181)	48	<10	<5	214	<10	40	<5	1.21	<5	<50	314	<1	34	116	
A74584 (9949182)	42	<10	<5	249	<10	19	<5	0.89	<5	<50	282	<1	23	99.0	
A74585 (9949183)	42	<10	<5	204	<10	32	<5	0.87	<5	<50	280	<1	23	90.0	
A74586 (9949184)	35	<10	<5	251	<10	24	<5	0.90	<5	<50	242	3	22	90.5	
A74587 (9949185)	43	<10	<5	224	<10	20	<5	0.98	<5	<50	291	<1	23	94.2	
A74588 (9949186)	46	<10	<5	207	<10	33	<5	1.01	<5	<50	314	2	27	98.1	
A74589 (9949187)	43	<10	<5	213	<10	20	<5	0.95	<5	<50	297	<1	25	97.9	
A74590 (9949188)	12	<10	<5	597	<10	<10	<5	0.26	<5	<50	76.5	<1	10	74.6	
A74591 (9949189)	21	<10	<5	528	<10	<10	<5	0.43	<5	<50	147	<1	15	75.4	
A74592 (9949190)	<1	<10	<5	75	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	2.3	
A74593 (9949191)	19	<10	<5	390	<10	<10	<5	0.38	<5	<50	137	<1	15	79.9	
A74594 (9949192)	20	<10	<5	430	<10	<10	<5	0.42	<5	<50	143	<1	16	70.0	
A74595 (9949193)	21	<10	<5	509	<10	<10	<5	0.40	<5	<50	145	<1	14	66.8	
A74596 (9949194)	15	<10	5	646	<10	<10	<5	0.34	<5	<50	113	<1	14	69.9	
A74597 (9949195)	20	<10	<5	527	<10	<10	<5	0.42	<5	<50	143	<1	15	74.3	
A74598 (9949196)	20	<10	<5	541	<10	<10	<5	0.42	<5	<50	144	<1	15	75.0	
A74599 (9949197)	23	<10	<5	429	<10	<10	<5	0.45	<5	<50	164	<1	15	79.3	
A74600 (9949198)	18	<10	<5	469	<10	<10	<5	0.41	<5	<50	133	<1	14	69.1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444371

PROJECT: AGAT00556

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019	DATE RECEIVED: Mar 07, 2019					DATE REPORTED: Mar 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
A74601 (9949199)	19	<10	<5	415	<10	<10	<5	0.38	<5	<50	126	<1	15	79.9	
A74602 (9949200)	20	<10	<5	492	<10	<10	<5	0.42	<5	<50	143	<1	15	75.9	
A74603 (9949201)	18	<10	<5	381	<10	<10	<5	0.38	<5	<50	131	<1	12	86.1	
A74604 (9949202)	19	<10	<5	425	<10	<10	<5	0.42	<5	<50	137	<1	15	70.4	
A74605 (9949203)	12	<10	<5	311	<10	<10	<5	0.29	<5	<50	84.4	<1	8	39.2	
A74606 (9949204)	45	<10	<5	112	<10	14	<5	0.70	<5	<50	299	<1	22	76.4	
A74607 (9949205)	22	<10	<5	384	<10	<10	<5	0.44	<5	<50	164	<1	13	66.4	
A74608 (9949206)	43	<10	<5	221	<10	22	<5	0.95	<5	<50	293	<1	24	98.7	

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T444371

PROJECT: AGAT00556

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019

DATE RECEIVED: Mar 07, 2019

DATE REPORTED: Mar 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Zr
	Unit:	ppm
	RDL:	5
A74537 (9949135)		101
A74538 (9949136)		101
A74539 (9949137)		101
A74540 (9949138)		117
A74541 (9949139)		227
A74542 (9949140)		94
A74543 (9949141)		102
A74544 (9949142)		100
A74545 (9949143)		93
A74546 (9949144)		41
A74547 (9949145)		103
A74548 (9949146)		87
A74549 (9949147)		99
A74550 (9949148)		91
A74551 (9949149)		115
A74552 (9949150)		<5
A74553 (9949151)		101
A74554 (9949152)		121
A74555 (9949153)		157
A74556 (9949154)		146
A74557 (9949155)		107
A74558 (9949156)		108
A74559 (9949157)		109
A74560 (9949158)		374
A74561 (9949159)		103
A74562 (9949160)		103
A74563 (9949161)		97
A74564 (9949162)		100
A74565 (9949163)		200
A74566 (9949164)		47
A74567 (9949165)		101
A74568 (9949166)		103

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T444371

PROJECT: AGAT00556

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019

DATE RECEIVED: Mar 07, 2019

DATE REPORTED: Mar 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Zr
	Unit:	ppm
	RDL:	5
A74569 (9949167)		88
A74570 (9949168)		95
A74571 (9949169)		96
A74572 (9949170)		<5
A74573 (9949171)		92
A74574 (9949172)		104
A74575 (9949173)		92
A74576 (9949174)		95
A74577 (9949175)		102
A74578 (9949176)		107
A74579 (9949177)		100
A74580 (9949178)		99
A74581 (9949179)		92
A74582 (9949180)		103
A74583 (9949181)		135
A74584 (9949182)		87
A74585 (9949183)		86
A74586 (9949184)		90
A74587 (9949185)		90
A74588 (9949186)		101
A74589 (9949187)		103
A74590 (9949188)		98
A74591 (9949189)		97
A74592 (9949190)		<5
A74593 (9949191)		89
A74594 (9949192)		100
A74595 (9949193)		89
A74596 (9949194)		106
A74597 (9949195)		105
A74598 (9949196)		105
A74599 (9949197)		95
A74600 (9949198)		101

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T444371

PROJECT: AGAT00556

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 06, 2019

DATE RECEIVED: Mar 07, 2019

DATE REPORTED: Mar 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
A74601 (9949199)			96
A74602 (9949200)			104
A74603 (9949201)			87
A74604 (9949202)			109
A74605 (9949203)			77
A74606 (9949204)			49
A74607 (9949205)			76
A74608 (9949206)			101

Comments: RDL - Reported Detection Limit

9949135-9949206 As, Sb values may be low due to digestion losses.

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444371

PROJECT: AGAT00556

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 06, 2019

DATE RECEIVED: Mar 07, 2019

DATE REPORTED: Mar 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
A74537 (9949135)			0.011
A74538 (9949136)			0.013
A74539 (9949137)			0.005
A74540 (9949138)			0.008
A74541 (9949139)			0.005
A74542 (9949140)			0.008
A74543 (9949141)			0.009
A74544 (9949142)			0.007
A74545 (9949143)			0.006
A74546 (9949144)			1.20
A74547 (9949145)			0.005
A74548 (9949146)			0.003
A74549 (9949147)			0.004
A74550 (9949148)			0.006
A74551 (9949149)			0.007
A74552 (9949150)			<0.001
A74553 (9949151)			0.008
A74554 (9949152)			0.004
A74555 (9949153)			0.002
A74556 (9949154)			0.005
A74557 (9949155)			0.006
A74558 (9949156)			0.006
A74559 (9949157)			0.003
A74560 (9949158)			<0.001
A74561 (9949159)			0.046
A74562 (9949160)			0.019
A74563 (9949161)			0.005
A74564 (9949162)			0.005
A74565 (9949163)			0.003
A74566 (9949164)			0.506
A74567 (9949165)			0.004
A74568 (9949166)			0.005

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T444371

PROJECT: AGAT00556

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 06, 2019      DATE RECEIVED: Mar 07, 2019      DATE REPORTED: Mar 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
A74569 (9949167)		0.003	
A74570 (9949168)		0.004	
A74571 (9949169)		0.004	
A74572 (9949170)		<0.001	
A74573 (9949171)		0.006	
A74574 (9949172)		0.007	
A74575 (9949173)		0.006	
A74576 (9949174)		0.004	
A74577 (9949175)		0.004	
A74578 (9949176)		0.003	
A74579 (9949177)		0.006	
A74580 (9949178)		0.004	
A74581 (9949179)		0.003	
A74582 (9949180)		0.004	
A74583 (9949181)		0.004	
A74584 (9949182)		0.005	
A74585 (9949183)		0.003	
A74586 (9949184)		0.314	
A74587 (9949185)		0.004	
A74588 (9949186)		0.004	
A74589 (9949187)		0.004	
A74590 (9949188)		0.004	
A74591 (9949189)		0.005	
A74592 (9949190)		<0.001	
A74593 (9949191)		0.004	
A74594 (9949192)		0.003	
A74595 (9949193)		0.008	
A74596 (9949194)		0.008	
A74597 (9949195)		0.004	
A74598 (9949196)		0.004	
A74599 (9949197)		0.003	
A74600 (9949198)		0.003	

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T444371

PROJECT: AGAT00556

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 06, 2019

DATE RECEIVED: Mar 07, 2019

DATE REPORTED: Mar 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
A74601 (9949199)			0.004
A74602 (9949200)			0.006
A74603 (9949201)			0.010
A74604 (9949202)			0.003
A74605 (9949203)			0.004
A74606 (9949204)			0.547
A74607 (9949205)			0.009
A74608 (9949206)			0.115

Comments: RDL - Reported Detection Limit

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T444371

PROJECT: AGAT00556

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 06, 2019

DATE RECEIVED: Mar 07, 2019

DATE REPORTED: Mar 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
A74541 (9949139)		87
A74556 (9949154)		86
A74576 (9949174)		86
A74596 (9949194)		89

Comments: RDL - Reported Detection Limit

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	9949135	< 0.5	< 0.5	0.0%	9949149	< 0.5	< 0.5	0.0%	9949160	< 0.5	< 0.5	0.0%	9949174	< 0.5	< 0.5	0.0%
Al	9949135	7.48	7.40	1.1%	9949149	7.81	7.89	1.0%	9949160	7.52	7.85	4.3%	9949174	7.60	7.78	2.3%
As	9949135	< 1	< 1	0.0%	9949149	2	< 1		9949160	3	< 1		9949174	3	1	100.0%
Ba	9949135	481	464	3.6%	9949149	451	461	2.2%	9949160	474	491	3.5%	9949174	477	489	2.5%
Be	9949135	1.9	1.8	5.4%	9949149	1.69	1.76	4.1%	9949160	1.6	1.5	6.5%	9949174	1.5	1.5	0.0%
Bi	9949135	2	< 1		9949149	< 1	< 1	0.0%	9949160	< 1	1		9949174	< 1	< 1	0.0%
Ca	9949135	3.06	3.01	1.6%	9949149	3.60	3.71	3.0%	9949160	3.73	3.78	1.3%	9949174	4.23	4.36	3.0%
Cd	9949135	< 0.5	< 0.5	0.0%	9949149	< 0.5	< 0.5	0.0%	9949160	< 0.5	< 0.5	0.0%	9949174	< 0.5	< 0.5	0.0%
Ce	9949135	49	47	4.2%	9949149	49	47	4.2%	9949160	49	48	2.1%	9949174	41	41	0.0%
Co	9949135	18.9	18.7	1.1%	9949149	23.1	21.3	8.1%	9949160	21.7	21.9	0.9%	9949174	26.4	26.7	1.1%
Cr	9949135	98.6	124	22.8%	9949149	121	116	4.2%	9949160	86.6	105	19.2%	9949174	122	118	3.3%
Cu	9949135	42.7	43.3	1.4%	9949149	40.5	41.6	2.7%	9949160	40.6	41.8	2.9%	9949174	34.1	35.0	2.6%
Fe	9949135	4.52	4.60	1.8%	9949149	4.98	5.01	0.6%	9949160	5.06	5.30	4.6%	9949174	5.92	6.02	1.7%
Ga	9949135	31	28	10.2%	9949149	32	32	0.0%	9949160	29	30	3.4%	9949174	33	34	3.0%
In	9949135	< 1	< 1	0.0%	9949149	< 1	< 1	0.0%	9949160	< 1	< 1	0.0%	9949174	< 1	< 1	0.0%
K	9949135	1.46	1.43	2.1%	9949149	1.23	1.24	0.8%	9949160	1.20	1.26	4.9%	9949174	1.36	1.38	1.5%
La	9949135	21	20	4.9%	9949149	21	20	4.9%	9949160	22	21	4.7%	9949174	18	18	0.0%
Li	9949135	23	22	4.4%	9949149	21	21	0.0%	9949160	23	24	4.3%	9949174	24	25	4.1%
Mg	9949135	1.66	1.65	0.6%	9949149	2.02	2.04	1.0%	9949160	2.00	2.06	3.0%	9949174	2.58	2.63	1.9%
Mn	9949135	861	876	1.7%	9949149	940	950	1.1%	9949160	945	985	4.1%	9949174	1050	1070	1.9%
Mo	9949135	9.6	11.2	15.4%	9949149	3.65	3.23	12.2%	9949160	4.07	3.94	3.2%	9949174	2.1	2.2	4.7%
Na	9949135	2.83	2.74	3.2%	9949149	2.87	2.95	2.7%	9949160	2.75	2.82	2.5%	9949174	2.56	2.63	2.7%
Ni	9949135	49.6	49.9	0.6%	9949149	67.1	64.8	3.5%	9949160	54.4	53.5	1.7%	9949174	70.4	69.8	0.9%
P	9949135	711	762	6.9%	9949149	774	744	4.0%	9949160	656	642	2.2%	9949174	613	618	0.8%
Pb	9949135	< 20	< 20	0.0%	9949149	< 20	< 20	0.0%	9949160	< 20	< 20	0.0%	9949174	< 20	< 20	0.0%
Rb	9949135	< 50	< 50	0.0%	9949149	< 50	< 50	0.0%	9949160	< 50	< 50	0.0%	9949174	< 50	< 50	0.0%
S	9949135	0.12	0.12	0.0%	9949149	0.08	0.08	0.0%	9949160	0.072	0.079	9.3%	9949174	0.06	0.06	0.0%
Sb	9949135	< 1	3		9949149	< 1	< 1	0.0%	9949160	2	3	40.0%	9949174	3	< 1	
Sc	9949135	17	16	6.1%	9949149	20	19	5.1%	9949160	20	19	5.1%	9949174	24	24	0.0%
Se	9949135	< 10	< 10	0.0%	9949149	< 10	< 10	0.0%	9949160	< 10	< 10	0.0%	9949174	< 10	< 10	0.0%
Sn	9949135	< 5	< 5	0.0%	9949149	< 5	< 5	0.0%	9949160	< 5	< 5	0.0%	9949174	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

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Sr	9949135	448	444	0.9%	9949149	472	489	3.5%	9949160	459	472	2.8%	9949174	480	490	2.1%
Ta	9949135	< 10	< 10	0.0%	9949149	< 10	< 10	0.0%	9949160	< 10	< 10	0.0%	9949174	< 10	< 10	0.0%
Te	9949135	< 10	< 10	0.0%	9949149	< 10	< 10	0.0%	9949160	< 10	< 10	0.0%	9949174	< 10	< 10	0.0%
Th	9949135	< 5	< 5	0.0%	9949149	< 5	< 5	0.0%	9949160	< 5	< 5	0.0%	9949174	< 5	< 5	0.0%
Ti	9949135	0.37	0.37	0.0%	9949149	0.402	0.406	1.0%	9949160	0.43	0.44	2.3%	9949174	0.47	0.48	2.1%
Tl	9949135	< 5	< 5	0.0%	9949149	< 5	< 5	0.0%	9949160	< 5	< 5	0.0%	9949174	< 5	< 5	0.0%
U	9949135	< 50	< 50	0.0%	9949149	< 50	< 50	0.0%	9949160	< 50	< 50	0.0%	9949174	< 50	< 50	0.0%
V	9949135	124	117	5.8%	9949149	141	136	3.6%	9949160	142	140	1.4%	9949174	170	175	2.9%
W	9949135	245	288	16.1%	9949149	< 1	< 1	0.0%	9949160	< 1	< 1	0.0%	9949174	< 1	< 1	0.0%
Y	9949135	14	14	0.0%	9949149	15	15	0.0%	9949160	15	15	0.0%	9949174	17	17	0.0%
Zn	9949135	72.4	71.0	2.0%	9949149	68.2	69.1	1.3%	9949160	68.8	70.6	2.6%	9949174	77.6	79.6	2.5%
Zr	9949135	101	103	2.0%	9949149	115	108	6.3%	9949160	103	105	1.9%	9949174	95	98	3.1%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	9949185	< 0.5	< 0.5	0.0%	9949199	< 0.5	< 0.5	0.0%								
Al	9949185	7.80	7.73	0.9%	9949199	7.61	7.41	2.7%								
As	9949185	< 1	< 1	0.0%	9949199	2	< 1									
Ba	9949185	182	179	1.7%	9949199	474	464	2.1%								
Be	9949185	2.06	2.02	2.0%	9949199	1.70	1.79	5.2%								
Bi	9949185	3	4	28.6%	9949199	< 1	< 1	0.0%								
Ca	9949185	7.30	7.48	2.4%	9949199	3.16	3.13	1.0%								
Cd	9949185	< 0.5	< 0.5	0.0%	9949199	< 0.5	< 0.5	0.0%								
Ce	9949185	23	24	4.3%	9949199	39	39	0.0%								
Co	9949185	45.4	44.3	2.5%	9949199	21.4	21.4	0.0%								
Cr	9949185	142	144	1.4%	9949199	136	140	2.9%								
Cu	9949185	158	163	3.1%	9949199	43.5	44.9	3.2%								
Fe	9949185	9.57	9.89	3.3%	9949199	4.94	4.83	2.3%								
Ga	9949185	38	37	2.7%	9949199	31	31	0.0%								
In	9949185	< 1	< 1	0.0%	9949199	< 1	< 1	0.0%								
K	9949185	0.46	0.46	0.0%	9949199	1.60	1.57	1.9%								
La	9949185	10	10	0.0%	9949199	18	18	0.0%								
Li	9949185	7	7	0.0%	9949199	28	27	3.6%								
Mg	9949185	3.97	3.98	0.3%	9949199	1.79	1.73	3.4%								
Mn	9949185	1600	1600	0.0%	9949199	919	894	2.8%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

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Mo	9949185	0.7	0.8	13.3%	9949199	3.1	4.0	25.4%								
Na	9949185	1.77	1.80	1.7%	9949199	2.73	2.68	1.8%								
Ni	9949185	69.8	66.8	4.4%	9949199	78.2	78.3	0.1%								
P	9949185	565	549	2.9%	9949199	596	611	2.5%								
Pb	9949185	< 20	< 20	0.0%	9949199	< 20	< 20	0.0%								
Rb	9949185	< 50	< 50	0.0%	9949199	< 50	< 50	0.0%								
S	9949185	0.073	0.077	5.3%	9949199	0.09	0.09	0.0%								
Sb	9949185	< 1	1		9949199	3	< 1									
Sc	9949185	43	44	2.3%	9949199	19	19	0.0%								
Se	9949185	< 10	< 10	0.0%	9949199	< 10	< 10	0.0%								
Sn	9949185	< 5	< 5	0.0%	9949199	< 5	< 5	0.0%								
Sr	9949185	224	227	1.3%	9949199	415	410	1.2%								
Ta	9949185	< 10	< 10	0.0%	9949199	< 10	< 10	0.0%								
Te	9949185	20	27	29.8%	9949199	< 10	< 10	0.0%								
Th	9949185	< 5	< 5	0.0%	9949199	< 5	< 5	0.0%								
Ti	9949185	0.984	1.01	2.6%	9949199	0.381	0.371	2.7%								
Tl	9949185	< 5	< 5	0.0%	9949199	< 5	< 5	0.0%								
U	9949185	< 50	< 50	0.0%	9949199	< 50	< 50	0.0%								
V	9949185	291	297	2.0%	9949199	126	128	1.6%								
W	9949185	< 1	< 1	0.0%	9949199	< 1	< 1	0.0%								
Y	9949185	23	24	4.3%	9949199	15	15	0.0%								
Zn	9949185	94.2	96.5	2.4%	9949199	79.9	80.2	0.4%								
Zr	9949185	90	92	2.2%	9949199	96	96	0.0%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	9949135	0.011	0.010	9.5%	9949149	0.0066	0.0057	14.6%	9949160	0.019	0.037		9949174	0.004	0.004	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	9949185	0.004	0.004	0.0%	9949199	0.004	0.003	28.6%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

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**(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish**

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.47	96%	90% - 110%	8.17	7.9	97%	90% - 110%	6.96	6.87	99%	90% - 110%	10.95	10.21	93%	90% - 110%
As					26	27	105%	90% - 110%	124	129	104%	90% - 110%				
Ba	340	329	97%	90% - 110%	540	526	97%	90% - 110%	186	190	102%	90% - 110%	340	330	97%	90% - 110%
Be	2.6	2.7	103%	90% - 110%	4.0	4.1	103%	90% - 110%					2.6	2.6	101%	90% - 110%
Ca	5.72	5.44	95%	90% - 110%	0.907	0.859	95%	90% - 110%	4.01	3.83	95%	90% - 110%	5.72	5.37	94%	90% - 110%
Ce	122	118	96%	90% - 110%	98	97	99%	90% - 110%	24	22	93%	90% - 110%	122	118	97%	90% - 110%
Co									22.1	22.1	100%	90% - 110%				
Cr					60.3	54.3	90%	90% - 110%								
Cu	7	6	85%	90% - 110%	150	149	100%	90% - 110%	88.6	84.7	96%	90% - 110%	7	6	85%	90% - 110%
Fe	4.34	4.02	93%	90% - 110%	3.77	3.62	96%	90% - 110%	7.56	7.37	98%	90% - 110%	4.34	3.95	91%	90% - 110%
Ga	35	36	104%	90% - 110%									35	38	108%	90% - 110%
K	1.37	1.39	101%	90% - 110%					2.021	2.065	102%	90% - 110%	1.37	1.37	100%	90% - 110%
La	58	55	94%	90% - 110%	44	40	90%	90% - 110%					58	52	90%	90% - 110%
Li	37	37	100%	90% - 110%	47	45	96%	90% - 110%					37	36	98%	90% - 110%
Mg	0.325	0.307	94%	90% - 110%	1.10	1.08	98%	90% - 110%	2.412	2.499	104%	90% - 110%	0.325	0.306	94%	90% - 110%
Mn					780	726	93%	90% - 110%	1510	1433	95%	90% - 110%				
Mo					14	13	91%	90% - 110%								
Na	5.267	5.177	98%	90% - 110%	1.624	1.659	102%	90% - 110%	0.617	0.618	100%	90% - 110%	5.267	5.04	96%	90% - 110%
Ni	9	7	74%	90% - 110%	32	31	98%	90% - 110%	77.1	76.9	100%	90% - 110%	9	6	70%	90% - 110%
P					750	725	97%	90% - 110%	892	956	107%	90% - 110%				
Pb	10	9	90%	90% - 110%	31	31	99%	90% - 110%								
S									0.348	0.332	95%	90% - 110%				
Sc					12	12	102%	90% - 110%								
Sr	1191	1161	97%	90% - 110%	144	152	106%	90% - 110%	92.8	90.4	97%	90% - 110%	1191	1151	97%	90% - 110%
Ti	0.172	0.169	98%	90% - 110%	0.53	0.478	90%	90% - 110%					0.172	0.165	96%	90% - 110%
V					77	75	98%	90% - 110%					8	6	72%	90% - 110%
Y	119	121	102%	90% - 110%									119	122	103%	90% - 110%
Zn	93	88	95%	90% - 110%	130	122	94%	90% - 110%	208	204	98%	90% - 110%	93	88	95%	90% - 110%

**(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)**

Parameter	CRM #1 (ref.GS6E)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS5W)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits



**AGAT** Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 19T444371

PROJECT: AGAT00556

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Au	6.06	6.1	101%	90% - 110%	0.725	0.655	90%	90% - 110%	5.27	5.44	103%	90% - 110%	0.562	0.57	101%	90% - 110%
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## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00556  
 SAMPLING SITE:

AGAT WORK ORDER: 19T444371  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00557

AGAT WORK ORDER: 19T444657

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Mar 26, 2019

PAGES (INCLUDING COVER): 25

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T444657

PROJECT: AGAT00557

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 07, 2019      DATE RECEIVED: Mar 07, 2019      DATE REPORTED: Mar 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
C69217 (9950858)		3.15
C69218 (9950859)		3.15
C69219 (9950860)		1.63
C69220 (9950861)		1.77
C69221 (9950862)		3.39
C69222 (9950863)		2.87
C69223 (9950864)		2.18
C69224 (9950865)		1.35
C69225 (9950866)		0.770
C69226 (9950867)		0.0700
C69227 (9950868)		1.50
C69228 (9950869)		1.36
C69229 (9950870)		3.34
C69230 (9950871)		1.18
C69231 (9950872)		1.79
C69232 (9950873)		2.33
C69233 (9950874)		1.22
C69234 (9950875)		1.77
C69235 (9950876)		1.36
C69236 (9950877)		0.910
C69237 (9950878)		1.10
C69238 (9950879)		1.10
C69239 (9950880)		2.08
C69240 (9950881)		0.920
C69241 (9950882)		2.16
C69242 (9950883)		1.95
C69243 (9950884)		1.85
C69244 (9950885)		1.35
C69245 (9950886)		1.64
C69246 (9950887)		0.0700
C69247 (9950888)		3.06

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444657

PROJECT: AGAT00557

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 07, 2019      DATE RECEIVED: Mar 07, 2019      DATE REPORTED: Mar 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C69248 (9950889)		2.99
C69249 (9950890)		1.32
C69250 (9950891)		1.80
C69251 (9950892)		2.41
C69252 (9950893)		1.36
C69253 (9950894)		3.52
C69254 (9950895)		2.10
C69255 (9950896)		2.51
C69256 (9950897)		2.01
C69257 (9950898)		0.930
C69258 (9950899)		0.930
C69259 (9950900)		0.910
C69260 (9950901)		1.24
C69261 (9950902)		2.71
C69262 (9950903)		1.82
C69263 (9950904)		3.26
C69264 (9950905)		2.41
C69265 (9950906)		1.40
C69266 (9950907)		0.0700
C69267 (9950908)		1.89
C69268 (9950909)		3.54
C69269 (9950910)		2.51
C69270 (9950911)		2.08
C69271 (9950912)		3.38
C69272 (9950913)		2.57
C69273 (9950914)		1.78
C69274 (9950915)		3.96
C69275 (9950917)		3.58
C69276 (9950918)		3.56
C69277 (9950919)		3.83
C69278 (9950920)		3.83

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444657

PROJECT: AGAT00557

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 07, 2019      DATE RECEIVED: Mar 07, 2019      DATE REPORTED: Mar 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
C69279 (9950921)		3.69
C69280 (9950922)		3.81
C69281 (9950923)		3.29
C69282 (9950924)		3.33
C69283 (9950925)		3.66
C69284 (9950926)		1.61
C69285 (9950927)		3.58
C69286 (9950928)		0.0700
C69287 (9950929)		3.07
C69288 (9950930)		3.62

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444657

PROJECT: AGAT00557

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MISSISSAUGA, ONTARIO  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 07, 2019	DATE RECEIVED: Mar 07, 2019					DATE REPORTED: Mar 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C69217 (9950858)	<0.5	3.21	<1	856	<0.5	10	8.85	<0.5	116	54.6	980	98.1	8.37	22	
C69218 (9950859)	<0.5	3.20	<1	850	<0.5	13	8.81	<0.5	117	53.2	958	99.6	8.31	22	
C69219 (9950860)	<0.5	3.51	<1	935	<0.5	7	8.42	<0.5	109	52.3	912	109	8.60	23	
C69220 (9950861)	<0.5	8.59	<1	234	<0.5	3	5.25	<0.5	30	16.8	246	7.1	4.05	16	
C69221 (9950862)	<0.5	8.16	<1	237	<0.5	2	4.91	<0.5	33	25.7	255	63.1	6.94	20	
C69222 (9950863)	<0.5	7.73	<1	118	<0.5	8	6.47	<0.5	11	42.8	227	71.7	8.13	22	
C69223 (9950864)	<0.5	8.23	<1	253	<0.5	<1	5.52	<0.5	27	30.7	202	23.7	6.12	20	
C69224 (9950865)	<0.5	7.23	1	674	0.9	<1	2.04	<0.5	71	6.3	131	49.2	1.64	14	
C69225 (9950866)	<0.5	2.31	<1	676	<0.5	14	7.66	<0.5	95	56.4	580	90.4	8.33	21	
C69226 (9950867)	<0.5	7.86	<1	185	<0.5	4	6.43	<0.5	14	38.1	204	104	7.57	23	
C69227 (9950868)	<0.5	8.14	<1	367	1.2	<1	2.09	<0.5	36	2.5	143	33.8	1.05	16	
C69228 (9950869)	<0.5	7.45	<1	455	<0.5	5	4.84	<0.5	39	21.9	251	57.6	5.22	18	
C69229 (9950870)	<0.5	2.45	<1	776	<0.5	10	7.29	<0.5	107	63.5	710	120	9.22	23	
C69230 (9950871)	<0.5	2.56	<1	777	<0.5	10	7.87	<0.5	89	58.6	669	119	9.38	23	
C69231 (9950872)	<0.5	8.92	<1	270	1.4	3	4.48	<0.5	23	20.6	211	13.2	4.78	18	
C69232 (9950873)	<0.5	0.10	<1	17	<0.5	<1	31.6	<0.5	<1	0.6	10.4	<0.5	0.10	<5	
C69233 (9950874)	<0.5	8.91	<1	222	<0.5	4	4.36	<0.5	24	22.8	183	2.3	4.51	17	
C69234 (9950875)	<0.5	8.90	<1	207	0.8	2	5.09	<0.5	24	20.8	241	96.8	4.72	18	
C69235 (9950876)	<0.5	8.80	<1	239	0.6	4	4.44	<0.5	23	18.8	204	4.9	4.28	17	
C69236 (9950877)	<0.5	8.60	3	1430	0.9	<1	1.79	<0.5	90	4.3	141	50.1	1.46	15	
C69237 (9950878)	<0.5	9.09	<1	234	0.6	2	5.60	<0.5	26	15.8	203	7.5	3.99	17	
C69238 (9950879)	<0.5	8.92	<1	227	0.6	2	5.48	<0.5	25	15.4	217	6.8	3.90	17	
C69239 (9950880)	<0.5	8.68	<1	174	0.5	4	5.82	<0.5	23	19.5	246	43.1	4.77	18	
C69240 (9950881)	<0.5	8.00	<1	202	<0.5	3	4.91	<0.5	22	10.5	283	51.2	2.76	14	
C69241 (9950882)	<0.5	9.31	<1	214	0.9	3	6.22	<0.5	24	18.2	206	15.1	4.58	19	
C69242 (9950883)	<0.5	8.74	<1	205	<0.5	6	5.41	<0.5	23	19.3	259	63.5	4.69	17	
C69243 (9950884)	<0.5	7.72	<1	293	1.2	6	5.52	<0.5	37	28.4	355	74.7	5.29	18	
C69244 (9950885)	<0.5	8.57	<1	134	1.5	2	4.86	<0.5	19	20.4	207	105	4.46	19	
C69245 (9950886)	<0.5	8.76	<1	189	1.7	2	4.01	<0.5	25	11.5	222	36.6	2.70	16	
C69246 (9950887)	<0.5	7.55	<1	140	<0.5	6	6.75	<0.5	3	39.2	193	153	7.76	21	
C69247 (9950888)	<0.5	9.40	<1	265	1.2	4	4.84	<0.5	25	19.9	242	1.1	4.36	18	
C69248 (9950889)	<0.5	8.94	<1	454	<0.5	3	3.92	<0.5	24	18.5	181	28.8	4.30	18	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444657

PROJECT: AGAT00557

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 07, 2019	DATE RECEIVED: Mar 07, 2019					DATE REPORTED: Mar 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C69249 (9950890)	<0.5	8.70	<1	501	<0.5	4	3.96	<0.5	27	19.5	223	12.6	4.32	17	
C69250 (9950891)	<0.5	4.75	<1	491	0.6	6	6.56	<0.5	75	46.7	561	68.3	8.32	20	
C69251 (9950892)	<0.5	7.63	<1	247	<0.5	4	4.89	<0.5	39	24.8	268	52.8	6.68	22	
C69252 (9950893)	<0.5	0.07	<1	14	<0.5	<1	32.5	<0.5	<1	0.5	11.6	8.3	0.08	<5	
C69253 (9950894)	<0.5	5.64	<1	102	<0.5	2	4.10	<0.5	22	48.3	1020	15.4	6.26	15	
C69254 (9950895)	<0.5	6.27	<1	104	<0.5	1	4.47	<0.5	20	46.4	898	52.1	6.53	17	
C69255 (9950896)	0.6	5.86	<1	242	0.9	3	3.88	<0.5	25	42.8	807	217	6.18	16	
C69256 (9950897)	<0.5	8.65	<1	352	1.0	<1	2.57	<0.5	36	7.4	146	65.3	2.00	18	
C69257 (9950898)	1.4	7.04	<1	353	1.2	2	3.03	2.8	25	33.3	297	1950	7.67	20	
C69258 (9950899)	1.4	6.90	<1	354	1.1	2	3.01	2.7	26	32.4	291	1880	7.72	20	
C69259 (9950900)	<0.5	8.10	<1	198	<0.5	5	5.88	<0.5	16	35.1	338	98.5	5.66	17	
C69260 (9950901)	<0.5	8.71	<1	253	<0.5	6	5.34	<0.5	16	33.6	363	43.3	5.39	19	
C69261 (9950902)	<0.5	8.46	<1	114	<0.5	4	6.29	<0.5	19	36.1	373	25.2	5.60	18	
C69262 (9950903)	0.6	8.41	<1	341	<0.5	2	4.01	<0.5	27	35.7	248	448	6.03	20	
C69263 (9950904)	<0.5	8.99	<1	99	<0.5	3	5.28	<0.5	24	29.0	148	19.3	6.00	20	
C69264 (9950905)	<0.5	8.90	<1	848	0.7	2	2.63	<0.5	47	11.4	196	12.9	3.03	18	
C69265 (9950906)	<0.5	8.39	<1	140	<0.5	6	4.89	<0.5	23	30.1	266	6.6	6.05	22	
C69266 (9950907)	<0.5	7.56	<1	141	<0.5	8	6.80	<0.5	3	39.2	187	156	7.85	21	
C69267 (9950908)	<0.5	8.29	<1	158	<0.5	2	8.02	<0.5	9	43.9	294	100	7.79	19	
C69268 (9950909)	<0.5	2.84	<1	826	2.1	7	9.63	<0.5	158	57.4	666	113	8.72	22	
C69269 (9950910)	<0.5	1.94	<1	742	0.8	5	7.71	<0.5	174	72.2	869	86.7	9.01	19	
C69270 (9950911)	<0.5	3.36	<1	881	2.0	4	10.5	<0.5	169	50.3	592	122	8.64	21	
C69271 (9950912)	<0.5	7.31	<1	296	1.5	4	8.43	<0.5	25	42.4	260	80.1	7.33	19	
C69272 (9950913)	<0.5	0.07	<1	15	<0.5	<1	31.6	<0.5	<1	0.8	8.9	<0.5	0.11	<5	
C69273 (9950914)	<0.5	7.49	<1	182	<0.5	4	8.34	<0.5	11	44.6	380	106	7.91	21	
C69274 (9950915)	<0.5	8.10	<1	123	<0.5	8	8.77	<0.5	9	44.4	404	78.9	8.24	21	
C69275 (9950917)	<0.5	8.41	<1	180	0.7	5	8.43	<0.5	8	41.5	293	70.1	7.12	19	
C69276 (9950918)	<0.5	8.14	<1	131	0.6	2	7.69	<0.5	12	36.7	303	48.4	6.11	17	
C69277 (9950919)	<0.5	7.63	<1	88	<0.5	<1	8.20	<0.5	6	44.0	257	77.5	6.42	18	
C69278 (9950920)	<0.5	8.34	<1	90	<0.5	<1	8.43	<0.5	6	44.4	281	78.9	7.00	19	
C69279 (9950921)	<0.5	8.03	<1	121	<0.5	4	7.88	<0.5	8	43.2	214	104	7.52	20	
C69280 (9950922)	<0.5	8.13	<1	113	0.6	4	7.95	<0.5	8	43.9	186	85.7	7.95	20	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444657

PROJECT: AGAT00557

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 07, 2019	DATE RECEIVED: Mar 07, 2019				DATE REPORTED: Mar 26, 2019				SAMPLE TYPE: Drill Core					
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5
C69281 (9950923)	<0.5	8.39	<1	110	<0.5	4	7.74	<0.5	9	42.9	211	106	7.47	21
C69282 (9950924)	<0.5	8.12	<1	34	1.7	1	4.57	<0.5	25	29.3	240	43.6	5.90	20
C69283 (9950925)	<0.5	7.34	<1	189	0.6	2	5.51	<0.5	53	31.0	224	64.6	6.08	20
C69284 (9950926)	<0.5	9.52	<1	192	<0.5	2	3.95	<0.5	26	33.0	204	301	6.01	20
C69285 (9950927)	<0.5	7.98	<1	152	2.7	2	5.03	<0.5	26	29.4	220	70.1	5.96	19
C69286 (9950928)	4.3	3.82	16	212	0.6	<1	10.6	0.6	16	6.8	13.6	74.7	1.86	7
C69287 (9950929)	<0.5	6.61	<1	231	0.8	1	5.06	<0.5	35	30.3	322	56.2	5.44	17
C69288 (9950930)	<0.5	8.00	<1	148	<0.5	4	5.02	<0.5	22	29.6	244	51.2	5.98	18

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## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 07, 2019

DATE RECEIVED: Mar 07, 2019

DATE REPORTED: Mar 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
C69217 (9950858)		<1	1.95	59	13	10.3	1440	6.2	0.83	464	2110	<20	<50	0.20	1
C69218 (9950859)		<1	1.94	59	13	10.2	1420	5.5	0.83	460	2080	<20	<50	0.20	4
C69219 (9950860)		<1	2.01	57	12	10.5	1420	4.3	0.70	461	1970	<20	<50	0.21	2
C69220 (9950861)		<1	0.94	16	21	2.10	1160	10.8	3.07	85.6	655	<20	<50	0.05	3
C69221 (9950862)		<1	0.86	15	20	2.48	1670	10.6	2.42	76.8	966	<20	<50	0.21	3
C69222 (9950863)		<1	0.50	7	22	4.18	1470	8.1	2.03	108	534	<20	<50	0.14	4
C69223 (9950864)		<1	1.07	14	23	3.21	1190	11.0	2.35	82.8	829	<20	<50	0.07	2
C69224 (9950865)		<1	3.17	32	16	0.99	217	11.4	3.07	42.3	437	30	<50	0.10	<1
C69225 (9950866)		<1	2.34	51	40	9.72	1290	3.8	1.79	462	2070	<20	<50	0.23	2
C69226 (9950867)		<1	0.46	10	10	4.43	1350	1.9	2.36	106	846	<20	<50	0.11	3
C69227 (9950868)		<1	2.71	17	14	0.41	136	14.9	3.40	11.7	467	26	<50	0.08	<1
C69228 (9950869)		<1	1.55	19	30	3.09	1250	12.3	2.61	102	1050	<20	<50	0.15	3
C69229 (9950870)		<1	1.72	57	8	11.8	1430	4.0	0.58	583	2200	<20	<50	0.22	2
C69230 (9950871)		<1	1.81	50	8	11.8	1430	4.5	0.80	562	2260	<20	<50	0.19	3
C69231 (9950872)		<1	1.36	11	43	2.33	1100	9.2	3.38	92.9	685	<20	<50	0.04	2
C69232 (9950873)		<1	0.02	2	1	2.17	126	0.8	0.06	0.7	74	<20	<50	0.16	<1
C69233 (9950874)		<1	1.44	11	28	2.38	1000	7.9	2.60	104	570	<20	<50	0.03	2
C69234 (9950875)		<1	1.02	12	26	1.83	1020	13.1	2.47	86.9	708	<20	<50	0.14	1
C69235 (9950876)		<1	1.45	11	36	1.97	980	9.6	2.19	90.1	556	<20	<50	0.03	2
C69236 (9950877)		<1	5.78	43	15	0.50	326	16.2	1.76	22.3	377	32	<50	0.08	<1
C69237 (9950878)		<1	0.93	13	18	1.53	1160	11.8	1.67	78.9	532	<20	<50	0.04	2
C69238 (9950879)		<1	0.91	12	17	1.49	1150	13.0	1.66	75.7	506	<20	<50	0.04	1
C69239 (9950880)		<1	1.19	11	18	2.16	1390	15.9	1.29	88.1	574	<20	<50	0.07	2
C69240 (9950881)		<1	1.19	11	13	0.98	700	14.9	0.99	52.6	510	<20	<50	0.08	2
C69241 (9950882)		<1	1.65	12	17	1.85	1140	9.3	1.57	76.8	548	<20	<50	0.07	2
C69242 (9950883)		<1	1.10	12	15	1.71	1190	13.2	1.59	83.7	552	<20	<50	0.11	2
C69243 (9950884)		<1	1.55	19	29	3.52	1180	10.8	1.98	169	843	<20	<50	0.14	2
C69244 (9950885)		<1	1.21	9	20	1.81	1180	11.8	2.08	85.9	430	<20	<50	0.18	<1
C69245 (9950886)		<1	1.15	12	19	1.13	855	15.7	2.25	50.4	435	<20	<50	0.07	<1
C69246 (9950887)		<1	0.21	4	12	4.33	1400	1.5	2.33	84.9	405	<20	<50	0.18	2
C69247 (9950888)		<1	1.31	12	26	2.27	1020	11.0	2.85	96.0	590	<20	<50	0.04	3
C69248 (9950889)		<1	1.46	11	25	2.22	916	8.7	2.77	74.7	570	<20	<50	0.05	2

Certified By:





## Certificate of Analysis

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ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 07, 2019	DATE RECEIVED: Mar 07, 2019					DATE REPORTED: Mar 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
C69249 (9950890)	<1	1.56	13	25	2.69	960	8.4	2.91	99.6	684	<20	<50	0.04	1	
C69250 (9950891)	<1	1.31	39	26	7.77	1580	12.6	1.49	344	1730	<20	<50	0.14	2	
C69251 (9950892)	<1	0.78	17	24	2.87	1750	10.8	1.88	78.0	1330	<20	<50	0.09	1	
C69252 (9950893)	<1	0.01	2	1	2.01	110	0.9	0.04	0.8	63	<20	<50	0.16	<1	
C69253 (9950894)	<1	0.29	11	44	8.66	1100	6.4	1.48	446	598	<20	<50	0.02	1	
C69254 (9950895)	<1	0.16	10	38	7.50	1060	8.0	1.62	376	644	<20	<50	0.04	<1	
C69255 (9950896)	<1	0.61	12	51	7.23	930	6.5	1.75	358	742	<20	<50	0.06	<1	
C69256 (9950897)	<1	1.04	16	24	0.87	185	12.7	3.60	21.4	436	<20	<50	0.04	1	
C69257 (9950898)	<1	1.58	12	40	2.88	1130	21.8	1.91	98.9	740	<20	<50	0.65	3	
C69258 (9950899)	<1	1.57	13	39	2.84	1150	21.0	1.89	96.7	732	<20	<50	0.65	2	
C69259 (9950900)	<1	0.65	9	17	3.62	1080	9.4	2.04	124	525	<20	<50	0.08	2	
C69260 (9950901)	<1	1.17	9	24	3.40	1260	9.6	2.12	111	563	<20	<50	0.06	2	
C69261 (9950902)	<1	0.55	10	16	3.51	1260	9.5	2.11	117	581	<20	<50	0.06	1	
C69262 (9950903)	<1	1.29	13	28	2.51	809	12.3	2.46	89.5	600	<20	<50	1.23	<1	
C69263 (9950904)	<1	0.74	12	27	3.29	1030	8.0	2.48	101	793	<20	<50	0.05	1	
C69264 (9950905)	<1	2.19	25	25	1.74	374	55.0	2.89	56.9	325	<20	<50	0.03	<1	
C69265 (9950906)	<1	0.71	12	18	4.34	872	9.5	2.52	132	645	<20	<50	0.03	3	
C69266 (9950907)	<1	0.21	4	13	4.44	1420	1.4	2.37	85.3	402	<20	<50	0.18	2	
C69267 (9950908)	<1	0.33	7	19	4.92	1440	10.0	1.93	84.9	301	<20	<50	0.15	2	
C69268 (9950909)	<1	1.68	80	16	9.81	1660	6.1	0.99	446	2550	<20	<50	0.23	1	
C69269 (9950910)	<1	1.32	83	7	13.3	1570	3.9	0.56	688	2660	<20	<50	0.16	<1	
C69270 (9950911)	<1	1.82	86	13	8.39	1660	3.8	1.05	341	3680	<20	<50	0.25	1	
C69271 (9950912)	<1	0.65	15	34	5.28	1420	4.9	2.11	103	692	<20	<50	0.14	3	
C69272 (9950913)	<1	0.01	2	1	2.13	124	0.6	0.04	1.0	73	<20	<50	0.18	<1	
C69273 (9950914)	<1	0.51	8	15	4.91	1470	5.9	2.00	84.9	340	<20	<50	0.15	3	
C69274 (9950915)	<1	0.26	7	7	5.09	1510	7.2	1.70	78.3	325	<20	<50	0.15	2	
C69275 (9950917)	<1	0.39	6	16	4.93	1340	5.7	1.98	77.7	257	<20	<50	0.13	2	
C69276 (9950918)	<1	0.49	7	12	4.79	1130	6.3	2.04	80.6	277	<20	<50	0.08	<1	
C69277 (9950919)	<1	0.23	5	7	4.73	1240	6.0	1.53	82.4	224	<20	<50	0.12	1	
C69278 (9950920)	<1	0.24	6	7	5.17	1360	7.3	1.68	84.2	228	<20	<50	0.12	3	
C69279 (9950921)	<1	0.41	7	15	4.55	1380	6.0	1.87	70.9	285	<20	<50	0.14	3	
C69280 (9950922)	<1	0.46	7	13	4.51	1440	7.0	1.77	70.5	313	<20	<50	0.15	3	

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## Certificate of Analysis

AGAT WORK ORDER: 19T444657

PROJECT: AGAT00557

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 07, 2019	DATE RECEIVED: Mar 07, 2019		DATE REPORTED: Mar 26, 2019		SAMPLE TYPE: Drill Core										
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
C69281 (9950923)	<1	0.40	7	14	4.76	1360	6.3	1.77	93.7	287	<20	<50	0.13	2	
C69282 (9950924)	<1	0.31	12	9	4.27	861	8.8	2.67	126	627	<20	<50	0.03	2	
C69283 (9950925)	<1	0.53	26	29	4.60	961	6.5	2.82	144	1280	<20	<50	0.07	2	
C69284 (9950926)	<1	0.96	14	30	4.35	816	6.1	3.25	128	879	<20	<50	0.05	3	
C69285 (9950927)	<1	0.43	13	37	4.01	1100	6.8	2.90	105	784	<20	<50	0.04	3	
C69286 (9950928)	<1	1.66	9	42	0.62	600	2.8	0.60	8.9	427	<20	<50	0.62	<1	
C69287 (9950929)	<1	0.65	17	30	4.33	1140	9.1	2.37	144	1020	<20	<50	0.05	<1	
C69288 (9950930)	<1	1.07	11	22	4.06	1140	7.7	2.28	102	712	<20	<50	0.03	2	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 07, 2019	DATE RECEIVED: Mar 07, 2019					DATE REPORTED: Mar 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
C69217 (9950858)	29	<10	<5	838	<10	<10	8	2.28	<5	<50	285	4	21	79.5	
C69218 (9950859)	29	<10	<5	831	<10	<10	6	2.26	<5	<50	279	4	20	78.9	
C69219 (9950860)	26	<10	<5	769	<10	<10	5	2.31	<5	<50	297	4	20	79.4	
C69220 (9950861)	16	<10	<5	414	<10	<10	5	0.43	<5	<50	110	3	13	60.4	
C69221 (9950862)	19	<10	<5	265	<10	<10	<5	0.55	<5	<50	126	3	19	102	
C69222 (9950863)	36	<10	<5	239	<10	<10	<5	0.55	<5	<50	222	4	21	101	
C69223 (9950864)	26	<10	<5	228	<10	<10	<5	0.56	<5	<50	165	4	21	104	
C69224 (9950865)	4	<10	<5	229	<10	<10	29	0.24	<5	<50	35.1	2	8	73.7	
C69225 (9950866)	19	<10	<5	743	<10	<10	<5	2.07	<5	<50	258	6	21	82.1	
C69226 (9950867)	35	<10	<5	261	<10	<10	<5	0.85	<5	<50	234	3	22	91.0	
C69227 (9950868)	3	<10	<5	220	<10	<10	16	0.11	<5	<50	15.9	1	7	68.7	
C69228 (9950869)	18	<10	<5	380	<10	<10	<5	0.76	<5	<50	135	3	16	84.0	
C69229 (9950870)	21	<10	<5	703	<10	<10	<5	2.45	<5	<50	263	5	21	84.0	
C69230 (9950871)	23	<10	<5	729	<10	<10	<5	2.57	<5	<50	284	4	21	82.2	
C69231 (9950872)	17	<10	<5	300	<10	<10	<5	0.40	<5	<50	107	3	14	69.8	
C69232 (9950873)	<1	<10	<5	74	<10	<10	5	<0.01	<5	<50	1.1	<1	2	3.1	
C69233 (9950874)	17	<10	<5	232	<10	<10	5	0.39	<5	<50	107	3	13	68.1	
C69234 (9950875)	16	<10	<5	220	<10	<10	7	0.36	<5	<50	99.8	3	15	70.7	
C69235 (9950876)	17	<10	<5	201	<10	<10	7	0.37	<5	<50	104	4	13	71.9	
C69236 (9950877)	6	<10	<5	185	<10	<10	45	0.15	<5	<50	30.7	2	11	72.2	
C69237 (9950878)	16	<10	<5	181	<10	<10	<5	0.37	<5	<50	101	3	14	72.5	
C69238 (9950879)	16	<10	<5	178	<10	<10	<5	0.36	<5	<50	99.5	1	14	70.9	
C69239 (9950880)	17	<10	<5	183	<10	<10	<5	0.37	<5	<50	102	3	15	73.7	
C69240 (9950881)	14	<10	<5	199	<10	<10	<5	0.36	<5	<50	94.3	3	9	53.4	
C69241 (9950882)	17	<10	<5	225	<10	<10	<5	0.39	<5	<50	107	3	16	75.0	
C69242 (9950883)	18	<10	<5	274	<10	<10	<5	0.40	<5	<50	116	4	13	75.7	
C69243 (9950884)	20	<10	<5	352	<10	<10	<5	0.61	<5	<50	138	4	17	85.1	
C69244 (9950885)	19	<10	<5	189	<10	<10	6	0.35	<5	<50	106	3	16	117	
C69245 (9950886)	13	<10	<5	257	<10	<10	8	0.28	<5	<50	76.4	3	15	77.9	
C69246 (9950887)	45	<10	<5	117	<10	<10	<5	0.68	<5	<50	292	3	22	80.1	
C69247 (9950888)	18	<10	<5	335	<10	<10	6	0.39	<5	<50	106	3	16	64.8	
C69248 (9950889)	16	<10	<5	306	<10	<10	6	0.39	<5	<50	105	2	12	66.1	

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ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 07, 2019	DATE RECEIVED: Mar 07, 2019					DATE REPORTED: Mar 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
C69249 (9950890)	17	<10	<5	373	<10	<10	6	0.48	<5	<50	115	3	13	105	
C69250 (9950891)	21	<10	<5	578	<10	<10	6	1.71	<5	<50	210	5	24	90.3	
C69251 (9950892)	20	<10	<5	261	<10	<10	<5	0.65	<5	<50	130	3	22	95.9	
C69252 (9950893)	<1	<10	<5	73	<10	<10	5	<0.01	<5	<50	0.9	1	2	3.6	
C69253 (9950894)	20	<10	<5	309	<10	<10	<5	0.19	<5	<50	101	3	10	86.7	
C69254 (9950895)	24	<10	<5	350	<10	<10	<5	0.26	<5	<50	130	3	12	77.7	
C69255 (9950896)	19	<10	<5	276	<10	<10	<5	0.23	<5	<50	99.5	4	13	117	
C69256 (9950897)	5	<10	<5	237	<10	<10	7	0.20	<5	<50	37.5	3	4	126	
C69257 (9950898)	15	<10	<5	162	<10	<10	<5	0.35	<5	<50	88.2	10	15	713	
C69258 (9950899)	15	<10	<5	161	<10	<10	<5	0.35	<5	<50	86.7	10	16	713	
C69259 (9950900)	28	<10	<5	228	<10	<10	<5	0.49	<5	<50	169	3	16	88.8	
C69260 (9950901)	27	<10	<5	151	<10	<10	<5	0.47	<5	<50	162	3	16	99.5	
C69261 (9950902)	29	<10	<5	109	<10	<10	<5	0.49	<5	<50	171	4	18	87.9	
C69262 (9950903)	21	<10	<5	162	<10	<10	7	0.43	<5	<50	132	6	17	273	
C69263 (9950904)	24	<10	<5	275	<10	<10	<5	0.59	<5	<50	156	3	18	96.8	
C69264 (9950905)	11	<10	<5	221	<10	<10	14	0.30	<5	<50	74.8	3	5	155	
C69265 (9950906)	24	<10	<5	242	<10	<10	<5	0.45	<5	<50	152	3	18	92.9	
C69266 (9950907)	45	<10	<5	119	<10	<10	<5	0.69	<5	<50	296	4	22	81.1	
C69267 (9950908)	43	<10	<5	208	<10	<10	<5	0.58	<5	<50	249	2	16	75.7	
C69268 (9950909)	21	<10	<5	1150	<10	<10	5	1.34	<5	<50	240	4	30	94.0	
C69269 (9950910)	21	<10	<5	1040	<10	<10	10	1.73	<5	<50	191	5	25	87.3	
C69270 (9950911)	24	<10	<5	1220	<10	<10	6	1.55	<5	<50	270	3	33	95.9	
C69271 (9950912)	42	<10	<5	359	<10	<10	<5	0.63	<5	<50	239	3	19	74.7	
C69272 (9950913)	<1	<10	<5	75	<10	<10	6	<0.01	<5	<50	1.1	<1	2	3.5	
C69273 (9950914)	50	<10	<5	205	<10	<10	<5	0.62	<5	<50	271	1	18	80.7	
C69274 (9950915)	48	<10	<5	180	<10	<10	<5	0.65	<5	<50	275	2	18	81.4	
C69275 (9950917)	45	<10	<5	191	<10	<10	<5	0.51	<5	<50	242	3	17	81.6	
C69276 (9950918)	39	<10	<5	179	<10	<10	<5	0.41	<5	<50	195	3	16	51.0	
C69277 (9950919)	44	<10	<5	163	<10	<10	<5	0.44	<5	<50	233	2	14	64.0	
C69278 (9950920)	45	<10	<5	178	<10	<10	<5	0.48	<5	<50	241	3	14	66.0	
C69279 (9950921)	44	<10	<5	189	<10	<10	<5	0.55	<5	<50	255	3	18	72.2	
C69280 (9950922)	45	<10	<5	187	<10	<10	<5	0.60	<5	<50	265	2	18	78.6	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 07, 2019	DATE RECEIVED: Mar 07, 2019					DATE REPORTED: Mar 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
C69281 (9950923)	42	<10	<5	159	<10	<10	<5	0.51	<5	<50	243	2	17	77.9	
C69282 (9950924)	24	<10	<5	211	<10	<10	<5	0.46	<5	<50	154	3	18	91.9	
C69283 (9950925)	22	<10	<5	466	<10	<10	7	0.65	<5	<50	163	2	21	84.2	
C69284 (9950926)	24	<10	<5	232	<10	<10	<5	0.49	<5	<50	110	3	17	93.8	
C69285 (9950927)	26	<10	<5	210	<10	<10	<5	0.51	<5	<50	162	3	20	85.6	
C69286 (9950928)	6	<10	<5	255	<10	<10	<5	0.18	<5	<50	62.3	4	8	36.3	
C69287 (9950929)	24	<10	<5	303	<10	<10	<5	0.57	<5	<50	155	4	19	82.6	
C69288 (9950930)	27	<10	<5	147	<10	<10	<5	0.51	<5	<50	167	3	19	84.9	

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 07, 2019      DATE RECEIVED: Mar 07, 2019      DATE REPORTED: Mar 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C69217 (9950858)				224
C69218 (9950859)				219
C69219 (9950860)				227
C69220 (9950861)				76
C69221 (9950862)				61
C69222 (9950863)				22
C69223 (9950864)				43
C69224 (9950865)				72
C69225 (9950866)				216
C69226 (9950867)				86
C69227 (9950868)				76
C69228 (9950869)				122
C69229 (9950870)				224
C69230 (9950871)				238
C69231 (9950872)				121
C69232 (9950873)				<5
C69233 (9950874)				112
C69234 (9950875)				96
C69235 (9950876)				105
C69236 (9950877)				35
C69237 (9950878)				77
C69238 (9950879)				81
C69239 (9950880)				98
C69240 (9950881)				29
C69241 (9950882)				53
C69242 (9950883)				72
C69243 (9950884)				103
C69244 (9950885)				65
C69245 (9950886)				72
C69246 (9950887)				47
C69247 (9950888)				120
C69248 (9950889)				118

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DATE SAMPLED: Mar 07, 2019      DATE RECEIVED: Mar 07, 2019      DATE REPORTED: Mar 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C69249 (9950890)				117
C69250 (9950891)				145
C69251 (9950892)				40
C69252 (9950893)				<5
C69253 (9950894)				37
C69254 (9950895)				20
C69255 (9950896)				43
C69256 (9950897)				107
C69257 (9950898)				77
C69258 (9950899)				78
C69259 (9950900)				24
C69260 (9950901)				32
C69261 (9950902)				43
C69262 (9950903)				90
C69263 (9950904)				68
C69264 (9950905)				48
C69265 (9950906)				91
C69266 (9950907)				48
C69267 (9950908)				42
C69268 (9950909)				97
C69269 (9950910)				199
C69270 (9950911)				163
C69271 (9950912)				65
C69272 (9950913)				<5
C69273 (9950914)				41
C69274 (9950915)				40
C69275 (9950917)				38
C69276 (9950918)				52
C69277 (9950919)				34
C69278 (9950920)				33
C69279 (9950921)				40
C69280 (9950922)				46

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DATE SAMPLED: Mar 07, 2019      DATE RECEIVED: Mar 07, 2019      DATE REPORTED: Mar 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C69281 (9950923)				50
C69282 (9950924)				99
C69283 (9950925)				124
C69284 (9950926)				112
C69285 (9950927)				86
C69286 (9950928)				47
C69287 (9950929)				78
C69288 (9950930)				51

Comments: RDL - Reported Detection Limit  
9950858-9950930 As, Sb values may be low due to digestion losses.

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 07, 2019      DATE RECEIVED: Mar 07, 2019      DATE REPORTED: Mar 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
C69217 (9950858)		0.002	
C69218 (9950859)		0.002	
C69219 (9950860)		<0.001	
C69220 (9950861)		0.004	
C69221 (9950862)		0.003	
C69222 (9950863)		0.007	
C69223 (9950864)		0.002	
C69224 (9950865)		0.001	
C69225 (9950866)		<0.001	
C69226 (9950867)		0.320	
C69227 (9950868)		0.001	
C69228 (9950869)		0.006	
C69229 (9950870)		<0.001	
C69230 (9950871)		<0.001	
C69231 (9950872)		0.007	
C69232 (9950873)		<0.001	
C69233 (9950874)		0.003	
C69234 (9950875)		0.003	
C69235 (9950876)		0.003	
C69236 (9950877)		0.001	
C69237 (9950878)		0.002	
C69238 (9950879)		0.002	
C69239 (9950880)		0.002	
C69240 (9950881)		0.001	
C69241 (9950882)		0.002	
C69242 (9950883)		0.019	
C69243 (9950884)		0.003	
C69244 (9950885)		0.004	
C69245 (9950886)		0.002	
C69246 (9950887)		0.504	
C69247 (9950888)		0.004	
C69248 (9950889)		0.003	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444657

PROJECT: AGAT00557

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 07, 2019      DATE RECEIVED: Mar 07, 2019      DATE REPORTED: Mar 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
C69249 (9950890)		0.003	
C69250 (9950891)		0.001	
C69251 (9950892)		0.002	
C69252 (9950893)		<0.001	
C69253 (9950894)		0.008	
C69254 (9950895)		0.002	
C69255 (9950896)		0.008	
C69256 (9950897)		0.002	
C69257 (9950898)		0.069	
C69258 (9950899)		0.074	
C69259 (9950900)		0.004	
C69260 (9950901)		0.002	
C69261 (9950902)		0.001	
C69262 (9950903)		0.006	
C69263 (9950904)		0.001	
C69264 (9950905)		<0.001	
C69265 (9950906)		0.003	
C69266 (9950907)		0.518	
C69267 (9950908)		0.002	
C69268 (9950909)		0.001	
C69269 (9950910)		0.009	
C69270 (9950911)		0.003	
C69271 (9950912)		<0.001	
C69272 (9950913)		<0.001	
C69273 (9950914)		0.002	
C69274 (9950915)		<0.001	
C69275 (9950917)		<0.001	
C69276 (9950918)		<0.001	
C69277 (9950919)		0.001	
C69278 (9950920)		<0.001	
C69279 (9950921)		0.001	
C69280 (9950922)		<0.001	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444657

PROJECT: AGAT00557

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 07, 2019	DATE RECEIVED: Mar 07, 2019	DATE REPORTED: Mar 26, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C69281 (9950923)			0.002
C69282 (9950924)			0.002
C69283 (9950925)			0.001
C69284 (9950926)			0.009
C69285 (9950927)			0.004
C69286 (9950928)			2.49
C69287 (9950929)			0.006
C69288 (9950930)			0.009

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444657

PROJECT: AGAT00557

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 07, 2019	DATE RECEIVED: Mar 07, 2019	DATE REPORTED: Mar 26, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
C69217 (9950858)		84
C69236 (9950877)		89
C69256 (9950897)		86
C69276 (9950918)		83

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	9950858	< 0.5	< 0.5	0.0%	9950872	< 0.5	< 0.5	0.0%	9950883	< 0.5	< 0.5	0.0%	9950897	< 0.5	< 0.5	0.0%
Al	9950858	3.21	3.25	1.2%	9950872	8.92	8.67	2.8%	9950883	8.74	8.81	0.8%	9950897	8.65	8.67	0.2%
As	9950858	< 1	< 1	0.0%	9950872	< 1	< 1	0.0%	9950883	< 1	< 1	0.0%	9950897	< 1	< 1	0.0%
Ba	9950858	856	864	0.9%	9950872	270	267	1.1%	9950883	205	205	0.0%	9950897	352	346	1.7%
Be	9950858	< 0.5	< 0.5	0.0%	9950872	1.4	1.3	7.4%	9950883	< 0.5	< 0.5	0.0%	9950897	1.0	1.0	0.0%
Bi	9950858	10	12.5	22.2%	9950872	3	2		9950883	6	5	18.2%	9950897	< 1	< 1	0.0%
Ca	9950858	8.85	8.98	1.5%	9950872	4.48	4.38	2.3%	9950883	5.41	5.44	0.6%	9950897	2.57	2.57	0.0%
Cd	9950858	< 0.5	< 0.5	0.0%	9950872	< 0.5	< 0.5	0.0%	9950883	< 0.5	< 0.5	0.0%	9950897	< 0.5	< 0.5	0.0%
Ce	9950858	116	120	3.4%	9950872	23	25	8.3%	9950883	23	23	0.0%	9950897	36	35	2.8%
Co	9950858	54.6	53.4	2.2%	9950872	20.6	20.6	0.0%	9950883	19.3	19.3	0.0%	9950897	7.4	7.1	4.1%
Cr	9950858	980	933	4.9%	9950872	211	204	3.4%	9950883	259	256	1.2%	9950897	146	152	4.0%
Cu	9950858	98.1	99.0	0.9%	9950872	13.2	12.8	3.1%	9950883	63.5	62.7	1.3%	9950897	65.3	64.4	1.4%
Fe	9950858	8.37	8.34	0.4%	9950872	4.78	4.64	3.0%	9950883	4.69	4.71	0.4%	9950897	2.00	1.97	1.5%
Ga	9950858	22	22	0.0%	9950872	18	18	0.0%	9950883	17	18	5.7%	9950897	18	18	0.0%
In	9950858	< 1	< 1	0.0%	9950872	< 1	< 1	0.0%	9950883	< 1	< 1	0.0%	9950897	< 1	< 1	0.0%
K	9950858	1.95	1.98	1.5%	9950872	1.36	1.36	0.0%	9950883	1.10	1.10	0.0%	9950897	1.04	1.03	1.0%
La	9950858	59	61	3.3%	9950872	11	12	8.7%	9950883	12	12	0.0%	9950897	16	17	6.1%
Li	9950858	13	13	0.0%	9950872	43	44	2.3%	9950883	15	15	0.0%	9950897	24	24	0.0%
Mg	9950858	10.3	10.3	0.0%	9950872	2.33	2.31	0.9%	9950883	1.71	1.72	0.6%	9950897	0.869	0.854	1.7%
Mn	9950858	1440	1430	0.7%	9950872	1100	1070	2.8%	9950883	1190	1200	0.8%	9950897	185	184	0.5%
Mo	9950858	6.2	5.0	21.4%	9950872	9.2	9.2	0.0%	9950883	13.2	12.7	3.9%	9950897	12.7	12.7	0.0%
Na	9950858	0.83	0.83	0.0%	9950872	3.38	3.28	3.0%	9950883	1.59	1.62	1.9%	9950897	3.60	3.62	0.6%
Ni	9950858	464	469	1.1%	9950872	92.9	92.8	0.1%	9950883	83.7	83.6	0.1%	9950897	21.4	20.7	3.3%
P	9950858	2110	2120	0.5%	9950872	685	697	1.7%	9950883	552	551	0.2%	9950897	436	439	0.7%
Pb	9950858	< 20	< 20	0.0%	9950872	< 20	< 20	0.0%	9950883	< 20	< 20	0.0%	9950897	< 20	< 20	0.0%
Rb	9950858	< 50	< 50	0.0%	9950872	< 50	< 50	0.0%	9950883	< 50	< 50	0.0%	9950897	< 50	< 50	0.0%
S	9950858	0.196	0.194	1.0%	9950872	0.045	0.046	2.2%	9950883	0.11	0.11	0.0%	9950897	0.04	0.04	0.0%
Sb	9950858	1	2		9950872	2	1		9950883	2	2	0.0%	9950897	1	< 1	
Sc	9950858	29	29	0.0%	9950872	17	17	0.0%	9950883	18	18	0.0%	9950897	5	5	0.0%
Se	9950858	< 10	< 10	0.0%	9950872	< 10	< 10	0.0%	9950883	< 10	< 10	0.0%	9950897	< 10	< 10	0.0%
Sn	9950858	< 5	< 5	0.0%	9950872	< 5	< 5	0.0%	9950883	< 5	< 5	0.0%	9950897	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	9950858	838	854	1.9%	9950872	300	291	3.0%	9950883	274	278	1.4%	9950897	237	238	0.4%
Ta	9950858	< 10	< 10	0.0%	9950872	< 10	< 10	0.0%	9950883	< 10	< 10	0.0%	9950897	< 10	< 10	0.0%
Te	9950858	< 10	< 10	0.0%	9950872	< 10	< 10	0.0%	9950883	< 10	< 10	0.0%	9950897	< 10	< 10	0.0%
Th	9950858	8	8	0.0%	9950872	< 5	5		9950883	< 5	< 5	0.0%	9950897	7	7	0.0%
Ti	9950858	2.28	2.33	2.2%	9950872	0.396	0.383	3.3%	9950883	0.40	0.40	0.0%	9950897	0.20	0.20	0.0%
Tl	9950858	< 5	< 5	0.0%	9950872	< 5	< 5	0.0%	9950883	< 5	< 5	0.0%	9950897	< 5	< 5	0.0%
U	9950858	< 50	< 50	0.0%	9950872	< 50	< 50	0.0%	9950883	< 50	< 50	0.0%	9950897	< 50	< 50	0.0%
V	9950858	285	286	0.4%	9950872	107	107	0.0%	9950883	116	115	0.9%	9950897	37.5	37.3	0.5%
W	9950858	4	5	22.2%	9950872	3	2		9950883	4	3	28.6%	9950897	3	3	0.0%
Y	9950858	21	21	0.0%	9950872	14	14	0.0%	9950883	13	13	0.0%	9950897	4	4	0.0%
Zn	9950858	79.5	78.4	1.4%	9950872	69.8	68.2	2.3%	9950883	75.7	77.4	2.2%	9950897	126	125	0.8%
Zr	9950858	224	226	0.9%	9950872	121	118	2.5%	9950883	72	72	0.0%	9950897	107	106	0.9%

Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	9950908	< 0.5	< 0.5	0.0%	9950923	< 0.5	< 0.5	0.0%								
Al	9950908	8.29	8.35	0.7%	9950923	8.39	8.34	0.6%								
As	9950908	< 1	< 1	0.0%	9950923	< 1	< 1	0.0%								
Ba	9950908	158	159	0.6%	9950923	110	110	0.0%								
Be	9950908	< 0.5	< 0.5	0.0%	9950923	< 0.5	< 0.5	0.0%								
Bi	9950908	2	4		9950923	4	4	0.0%								
Ca	9950908	8.02	8.09	0.9%	9950923	7.74	7.80	0.8%								
Cd	9950908	< 0.5	< 0.5	0.0%	9950923	< 0.5	< 0.5	0.0%								
Ce	9950908	9	9	0.0%	9950923	9	9	0.0%								
Co	9950908	43.9	44.7	1.8%	9950923	42.9	42.1	1.9%								
Cr	9950908	294	268	9.3%	9950923	211	212	0.5%								
Cu	9950908	100	101	1.0%	9950923	106	105	0.9%								
Fe	9950908	7.79	7.84	0.6%	9950923	7.47	7.46	0.1%								
Ga	9950908	19	21	10.0%	9950923	21	20	4.9%								
In	9950908	< 1	< 1	0.0%	9950923	< 1	< 1	0.0%								
K	9950908	0.33	0.33	0.0%	9950923	0.396	0.390	1.5%								
La	9950908	7	7	0.0%	9950923	7	7	0.0%								
Li	9950908	19	19	0.0%	9950923	14	14	0.0%								
Mg	9950908	4.92	4.96	0.8%	9950923	4.76	4.75	0.2%								
Mn	9950908	1440	1450	0.7%	9950923	1360	1350	0.7%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	9950908	10.0	8.45	16.8%	9950923	6.3	6.3	0.0%								
Na	9950908	1.93	1.92	0.5%	9950923	1.77	1.75	1.1%								
Ni	9950908	84.9	85.5	0.7%	9950923	93.7	91.8	2.0%								
P	9950908	301	302	0.3%	9950923	287	288	0.3%								
Pb	9950908	< 20	< 20	0.0%	9950923	< 20	< 20	0.0%								
Rb	9950908	< 50	< 50	0.0%	9950923	< 50	< 50	0.0%								
S	9950908	0.15	0.15	0.0%	9950923	0.13	0.13	0.0%								
Sb	9950908	2	4		9950923	2	3									
Sc	9950908	43	44	2.3%	9950923	42	41	2.4%								
Se	9950908	< 10	< 10	0.0%	9950923	< 10	< 10	0.0%								
Sn	9950908	< 5	< 5	0.0%	9950923	< 5	< 5	0.0%								
Sr	9950908	208	209	0.5%	9950923	159	158	0.6%								
Ta	9950908	< 10	< 10	0.0%	9950923	< 10	< 10	0.0%								
Te	9950908	< 10	< 10	0.0%	9950923	< 10	< 10	0.0%								
Th	9950908	< 5	< 5	0.0%	9950923	< 5	< 5	0.0%								
Ti	9950908	0.58	0.589	0.7%	9950923	0.51	0.51	0.0%								
Tl	9950908	< 5	< 5	0.0%	9950923	< 5	< 5	0.0%								
U	9950908	< 50	< 50	0.0%	9950923	< 50	< 50	0.0%								
V	9950908	249	253	1.6%	9950923	243	237	2.5%								
W	9950908	2	3		9950923	2	2	0.0%								
Y	9950908	16	16	0.0%	9950923	17	16	6.1%								
Zn	9950908	75.7	75.6	0.1%	9950923	77.9	78.4	0.6%								
Zr	9950908	42	44	4.7%	9950923	50	48	4.1%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	9950858	0.002	0.001		9950872	0.007	0.005		9950883	0.0191	0.0217	12.7%	9950897	0.0018	0.0015	18.2%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	9950908	0.0016	0.0014	13.3%	9950923	0.0021	0.0026	21.3%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

**(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish**

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.GTS-2a)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	11.52	105%	90% - 110%	6.96	7.27	104%	90% - 110%	6.96	7.33	105%	90% - 110%	10.95	11.6	106%	90% - 110%
As					124	122	99%	90% - 110%	124	120	97%	90% - 110%				
Ba	340	333	98%	90% - 110%	186	179	96%	90% - 110%	186	180	97%	90% - 110%	340	334	98%	90% - 110%
Be	2.6	2.5	95%	90% - 110%									2.6	2.4	94%	90% - 110%
Ca	5.72	5.68	99%	90% - 110%	4.01	3.95	98%	90% - 110%	4.01	3.98	99%	90% - 110%	5.72	5.71	100%	90% - 110%
Ce	122	125	103%	90% - 110%	24	22	91%	90% - 110%	24	22	91%	90% - 110%	122	123	101%	90% - 110%
Co					22.1	21.2	96%	90% - 110%	22.1	21	95%	90% - 110%				
Cr	12	11	91%	90% - 110%									12	11	91%	90% - 110%
Cu					88.6	85.7	97%	90% - 110%	88.6	85.7	97%	90% - 110%				
Fe	4.34	4.1	95%	90% - 110%	7.56	7.14	94%	90% - 110%	7.56	7.2	95%	90% - 110%	4.34	4.14	95%	90% - 110%
Ga	35	34	98%	90% - 110%									35	34	96%	90% - 110%
K	1.37	1.5	110%	90% - 110%	2.021	2.152	106%	90% - 110%	2.021	2.148	106%	90% - 110%	1.37	1.5	109%	90% - 110%
La	58	55	94%	90% - 110%									58	55	95%	90% - 110%
Li	37	40	107%	90% - 110%									37	39	105%	90% - 110%
Mg	0.325	0.305	94%	90% - 110%	2.412	2.436	101%	90% - 110%	2.412	2.452	102%	90% - 110%	0.325	0.313	96%	90% - 110%
Mn					1510	1465	97%	90% - 110%	1510	1479	98%	90% - 110%				
Na	5.267	5.347	102%	90% - 110%	0.617	0.634	103%	90% - 110%	0.617	0.638	103%	90% - 110%	5.267	5.327	101%	90% - 110%
Ni	9	8	88%	90% - 110%	77.1	72.6	94%	90% - 110%	77.1	71.6	93%	90% - 110%	9	10	111%	90% - 110%
P					892	886	99%	90% - 110%	892	877	98%	90% - 110%				
S					0.348	0.36	103%	90% - 110%	0.348	0.357	103%	90% - 110%				
Sc	1.1	1	90%	90% - 110%									1.1	1	92%	90% - 110%
Sr	1191	1235	104%	90% - 110%	92.8	93.3	101%	90% - 110%	92.8	93.7	101%	90% - 110%	1191	1231	103%	90% - 110%
Ti	0.172	0.169	98%	90% - 110%									0.172	0.175	101%	90% - 110%
Y	119	121	102%	90% - 110%									119	121	102%	90% - 110%
Zn	93	95	102%	90% - 110%	208	209	101%	90% - 110%	208	212	102%	90% - 110%	93	93	100%	90% - 110%

**(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)**

Parameter	CRM #1 (ref.GS6E)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS5W)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.06	6.07	100%	90% - 110%	0.725	0.740	102%	90% - 110%	5.27	5.22	99%	90% - 110%	0.562	0.57	101%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00557  
 SAMPLING SITE:

AGAT WORK ORDER: 19T444657  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00558

AGAT WORK ORDER: 19T444834

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Mar 27, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T444834

PROJECT: AGAT00558

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 07, 2019      DATE RECEIVED: Mar 08, 2019      DATE REPORTED: Mar 27, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
A74609 (9952139)		3.08
A74610 (9952140)		2.34
A74611 (9952141)		2.34
A74612 (9952142)		1.59
A74613 (9952143)		2.56
A74614 (9952144)		1.56
A74615 (9952145)		1.26
A74616 (9952146)		1.83
A74617 (9952147)		2.30
A74618 (9952148)		2.30
A74619 (9952149)		1.80
A74620 (9952150)		1.56
A74621 (9952151)		1.51
A74622 (9952152)		2.70
A74623 (9952153)		1.55
A74624 (9952154)		2.35
A74625 (9952155)		2.36
A74626 (9952156)		0.0700
A74627 (9952157)		1.56
A74628 (9952158)		1.65
A74629 (9952159)		1.18
A74630 (9952160)		3.22
A74631 (9952161)		1.86
A74632 (9952162)		1.73
A74633 (9952163)		1.27
A74634 (9952164)		1.14
A74635 (9952165)		2.55
A74636 (9952166)		2.21
A74637 (9952167)		1.01
A74638 (9952168)		1.01
A74639 (9952169)		2.91

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444834

PROJECT: AGAT00558

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 07, 2019      DATE RECEIVED: Mar 08, 2019      DATE REPORTED: Mar 27, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
A74640 (9952170)		1.52
A74641 (9952171)		1.74
A74642 (9952172)		1.38
A74643 (9952173)		1.61
A74644 (9952174)		1.49
A74645 (9952175)		0.960
A74646 (9952176)		0.0700
A74647 (9952177)		2.20
A74648 (9952178)		1.18
A74649 (9952179)		2.21
A74650 (9952180)		2.32
A74651 (9952181)		2.44
A74652 (9952182)		1.84
A74653 (9952183)		2.44
A74654 (9952184)		2.37
A74655 (9952185)		2.39
A74656 (9952186)		2.44
A74657 (9952187)		2.26
A74658 (9952188)		2.26
A74659 (9952189)		2.36
A74660 (9952190)		2.28
A74661 (9952191)		2.22
A74662 (9952192)		2.30
A74663 (9952193)		2.49
A74664 (9952194)		2.26
A74665 (9952195)		2.30
A74666 (9952196)		0.0700
A74667 (9952197)		2.22
A74668 (9952198)		2.26
A74669 (9952199)		2.30
A74670 (9952200)		2.38

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444834

PROJECT: AGAT00558

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 07, 2019      DATE RECEIVED: Mar 08, 2019      DATE REPORTED: Mar 27, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
A74671 (9952201)		2.41
A74672 (9952202)		2.05
A74673 (9952203)		2.37
A74674 (9952204)		2.40
A74675 (9952205)		2.10
A74676 (9952206)		2.25
A74677 (9952207)		2.36
A74678 (9952208)		2.36
A74679 (9952209)		2.68
A74680 (9952210)		2.28

Comments: RDL - Reported Detection Limit

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T444834

PROJECT: AGAT00558

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 07, 2019	DATE RECEIVED: Mar 08, 2019							DATE REPORTED: Mar 27, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
A74609 (9952139)	<0.5	8.19	<1	421	0.8	2	3.95	<0.5	46	21.7	170	35.9	5.21	18	
A74610 (9952140)	<0.5	8.11	<1	432	1.4	4	3.41	<0.5	78	22.9	146	64.8	5.31	20	
A74611 (9952141)	<0.5	8.42	<1	503	1.0	4	3.70	<0.5	43	19.0	134	32.0	4.45	19	
A74612 (9952142)	<0.5	0.07	3	14	<0.5	<1	31.2	<0.5	<1	0.6	6.1	<0.5	0.09	<5	
A74613 (9952143)	<0.5	8.19	<1	543	0.6	2	3.10	<0.5	45	22.4	138	63.3	4.72	18	
A74614 (9952144)	<0.5	7.88	<1	495	1.0	<1	2.06	<0.5	93	7.9	109	43.4	2.63	19	
A74615 (9952145)	<0.5	7.29	<1	534	1.2	3	4.43	<0.5	51	24.5	259	53.4	5.19	20	
A74616 (9952146)	<0.5	2.34	<1	491	1.6	12	6.49	<0.5	68	70.3	680	118	9.20	22	
A74617 (9952147)	<0.5	8.33	<1	626	1.0	<1	3.77	<0.5	45	23.6	182	45.4	5.16	19	
A74618 (9952148)	<0.5	8.21	<1	631	1.1	4	3.72	<0.5	47	24.8	181	47.8	5.08	19	
A74619 (9952149)	<0.5	3.53	<1	869	3.4	<1	11.3	<0.5	451	19.0	30.4	13.2	7.88	23	
A74620 (9952150)	<0.5	7.59	8	1860	1.1	<1	1.28	<0.5	86	1.2	75.9	3.2	0.69	13	
A74621 (9952151)	<0.5	7.21	6	2980	0.7	<1	1.31	<0.5	71	2.5	72.3	21.6	1.24	11	
A74622 (9952152)	<0.5	4.34	<1	894	2.1	2	8.47	<0.5	91	40.3	291	179	7.33	20	
A74623 (9952153)	<0.5	7.85	<1	597	1.9	2	3.71	<0.5	49	20.7	114	85.3	4.61	18	
A74624 (9952154)	<0.5	7.58	<1	543	1.0	3	3.12	<0.5	70	16.9	129	50.5	4.04	17	
A74625 (9952155)	<0.5	8.03	<1	587	1.0	3	3.71	<0.5	48	22.1	155	46.1	4.92	18	
A74626 (9952156)	<0.5	7.86	<1	183	<0.5	6	6.37	<0.5	16	36.8	155	105	7.53	23	
A74627 (9952157)	<0.5	7.29	77	590	1.0	2	4.65	2.2	60	47.4	251	35.0	5.55	20	
A74628 (9952158)	<0.5	2.96	<1	855	2.1	11	8.90	<0.5	157	58.1	364	101	9.51	24	
A74629 (9952159)	<0.5	8.06	9	293	4.1	<1	3.73	<0.5	393	14.8	115	20.9	2.50	18	
A74630 (9952160)	<0.5	8.06	<1	542	0.9	5	3.67	<0.5	49	20.7	138	49.6	4.65	19	
A74631 (9952161)	<0.5	3.60	<1	1180	2.0	7	9.14	<0.5	182	48.6	548	91.8	8.05	21	
A74632 (9952162)	<0.5	0.07	3	16	<0.5	<1	30.5	<0.5	<1	0.7	8.6	<0.5	0.11	<5	
A74633 (9952163)	<0.5	7.97	<1	646	0.8	3	3.86	<0.5	52	21.1	140	50.5	4.94	18	
A74634 (9952164)	<0.5	8.17	<1	388	0.9	<1	2.41	<0.5	103	11.7	135	26.9	2.81	18	
A74635 (9952165)	<0.5	8.29	<1	522	0.7	5	3.50	<0.5	43	20.5	141	44.4	4.66	18	
A74636 (9952166)	<0.5	7.06	<1	443	0.6	2	2.81	<0.5	44	16.4	156	20.4	4.07	17	
A74637 (9952167)	<0.5	7.99	<1	475	0.7	1	3.25	<0.5	53	20.3	151	33.9	4.52	18	
A74638 (9952168)	<0.5	7.94	<1	473	0.7	<1	3.19	<0.5	52	20.5	166	33.9	4.52	19	
A74639 (9952169)	<0.5	7.61	<1	2570	0.6	<1	0.85	<0.5	37	1.1	45.6	19.7	0.80	12	
A74640 (9952170)	<0.5	7.91	<1	434	0.8	4	2.96	<0.5	43	17.7	144	38.9	4.18	19	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T444834

PROJECT: AGAT00558

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 07, 2019	DATE RECEIVED: Mar 08, 2019							DATE REPORTED: Mar 27, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
A74641 (9952171)	<0.5	8.07	<1	409	0.7	4	3.66	<0.5	44	21.7	174	32.7	4.97	18	
A74642 (9952172)	<0.5	7.46	2	1580	0.7	<1	1.33	<0.5	93	2.7	66.1	4.3	1.20	14	
A74643 (9952173)	<0.5	8.39	<1	520	0.6	<1	3.40	<0.5	46	21.6	138	50.5	4.81	19	
A74644 (9952174)	0.8	8.25	<1	467	0.6	4	3.50	<0.5	39	22.1	154	63.5	4.89	19	
A74645 (9952175)	<0.5	8.15	<1	623	1.2	<1	1.93	<0.5	26	2.5	53.3	4.4	1.02	16	
A74646 (9952176)	<0.5	7.33	<1	136	<0.5	4	6.55	<0.5	3	38.5	139	150	7.59	21	
A74647 (9952177)	<0.5	8.47	<1	481	0.6	3	3.92	<0.5	35	23.8	157	31.6	5.56	20	
A74648 (9952178)	<0.5	8.30	<1	535	0.7	2	3.09	<0.5	44	19.7	137	36.6	4.61	18	
A74649 (9952179)	<0.5	7.30	<1	492	0.7	4	3.87	<0.5	61	22.9	165	34.0	4.75	19	
A74650 (9952180)	<0.5	7.89	<1	434	0.8	6	3.76	<0.5	40	21.2	150	42.6	4.94	18	
A74651 (9952181)	<0.5	8.19	<1	552	0.7	3	3.73	<0.5	47	22.4	166	31.1	5.24	19	
A74652 (9952182)	<0.5	0.07	3	15	<0.5	<1	29.8	<0.5	<1	0.6	5.9	<0.5	0.12	<5	
A74653 (9952183)	<0.5	8.30	<1	582	0.8	6	3.54	<0.5	46	23.4	155	69.9	5.03	20	
A74654 (9952184)	<0.5	8.49	<1	407	0.8	2	3.86	<0.5	57	23.8	167	89.2	5.63	20	
A74655 (9952185)	<0.5	8.56	<1	620	1.5	3	3.81	<0.5	62	28.4	237	40.9	6.61	23	
A74656 (9952186)	<0.5	8.25	<1	592	0.9	4	3.28	<0.5	54	24.9	222	38.7	6.18	21	
A74657 (9952187)	<0.5	8.37	<1	572	1.1	3	3.38	<0.5	61	25.7	189	37.8	5.91	22	
A74658 (9952188)	<0.5	8.30	<1	557	1.0	2	3.36	<0.5	62	25.2	179	40.4	5.79	20	
A74659 (9952189)	<0.5	8.23	<1	431	0.9	4	3.43	<0.5	49	25.1	166	14.5	5.86	22	
A74660 (9952190)	<0.5	8.25	<1	517	1.1	6	4.26	<0.5	88	31.1	291	28.9	7.52	25	
A74661 (9952191)	<0.5	8.15	<1	523	0.7	2	3.13	<0.5	48	22.0	155	62.3	4.86	18	
A74662 (9952192)	<0.5	8.04	<1	514	0.7	<1	3.31	<0.5	39	21.1	147	39.1	4.72	18	
A74663 (9952193)	<0.5	8.59	<1	416	0.6	2	3.57	<0.5	42	24.2	173	54.0	5.61	20	
A74664 (9952194)	<0.5	8.81	<1	418	0.9	5	3.86	<0.5	54	25.0	180	48.7	5.87	22	
A74665 (9952195)	<0.5	8.55	<1	619	0.8	7	3.31	<0.5	50	18.8	174	41.4	4.81	17	
A74666 (9952196)	<0.5	7.85	<1	182	<0.5	5	6.34	<0.5	16	36.8	191	106	7.55	23	
A74667 (9952197)	<0.5	8.30	<1	705	0.8	2	3.34	<0.5	48	21.2	260	42.3	5.10	20	
A74668 (9952198)	<0.5	7.99	<1	494	0.6	2	3.61	<0.5	42	22.2	205	57.1	4.78	18	
A74669 (9952199)	<0.5	8.50	<1	565	0.6	1	3.39	<0.5	39	20.1	229	53.1	4.69	18	
A74670 (9952200)	<0.5	8.26	<1	585	0.6	<1	3.45	<0.5	42	23.0	276	59.5	5.64	19	
A74671 (9952201)	<0.5	8.43	<1	367	<0.5	7	4.23	<0.5	41	26.1	245	43.4	6.49	20	
A74672 (9952202)	<0.5	0.07	2	15	<0.5	<1	31.2	<0.5	<1	0.7	9.8	<0.5	0.10	<5	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T444834

PROJECT: AGAT00558

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 07, 2019		DATE RECEIVED: Mar 08, 2019						DATE REPORTED: Mar 27, 2019				SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
A74673 (9952203)		<0.5	8.50	<1	293	<0.5	4	4.40	<0.5	35	25.8	316	35.2	6.12	20
A74674 (9952204)		<0.5	7.68	<1	480	0.6	<1	3.72	<0.5	33	19.1	236	25.1	4.75	17
A74675 (9952205)		<0.5	8.36	<1	506	0.8	4	3.85	<0.5	39	21.5	233	43.9	5.21	18
A74676 (9952206)		<0.5	8.12	<1	399	0.7	3	3.31	<0.5	43	17.8	221	43.7	4.33	16
A74677 (9952207)		<0.5	8.02	<1	385	0.6	<1	2.85	<0.5	49	18.6	242	54.0	4.24	18
A74678 (9952208)		<0.5	8.07	<1	375	0.6	5	2.88	<0.5	48	19.1	253	53.6	4.36	17
A74679 (9952209)		<0.5	8.21	<1	384	0.6	2	3.01	<0.5	45	20.4	245	40.8	4.60	18
A74680 (9952210)		<0.5	8.22	<1	485	0.5	6	3.03	<0.5	42	19.8	244	51.0	4.93	18

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444834

PROJECT: AGAT00558

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 07, 2019	DATE RECEIVED: Mar 08, 2019					DATE REPORTED: Mar 27, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
A74609 (9952139)	<1	1.39	20	25	2.06	1120	11.5	2.93	59.8	918	<20	<50	0.10	<1	
A74610 (9952140)	<1	1.78	37	35	1.92	959	10.4	2.69	60.5	784	<20	<50	0.15	3	
A74611 (9952141)	<1	1.54	20	26	1.75	862	10.4	2.94	50.2	523	<20	<50	0.09	<1	
A74612 (9952142)	<1	0.02	2	1	2.17	119	0.7	0.04	<0.5	87	<20	<50	0.17	<1	
A74613 (9952143)	<1	1.75	21	30	1.93	798	9.9	2.78	59.9	637	<20	<50	0.15	<1	
A74614 (9952144)	<1	1.34	45	20	0.73	298	14.1	3.28	21.5	509	<20	<50	0.10	<1	
A74615 (9952145)	<1	1.51	23	27	2.63	1110	9.6	2.90	117	865	<20	<50	0.14	2	
A74616 (9952146)	<1	2.01	38	25	11.2	1470	2.5	0.71	618	1410	<20	<50	0.23	2	
A74617 (9952147)	<1	1.58	21	27	2.36	893	10.2	3.43	91.5	679	<20	<50	0.12	2	
A74618 (9952148)	<1	1.60	22	28	2.38	887	10.9	3.38	92.0	706	<20	<50	0.13	3	
A74619 (9952149)	<1	2.23	196	19	2.83	1940	5.9	1.87	3.1	3140	<20	<50	0.20	<1	
A74620 (9952150)	<1	3.98	41	7	0.24	129	12.6	2.86	4.9	49	<20	<50	0.07	<1	
A74621 (9952151)	<1	6.22	34	5	0.57	226	11.2	1.74	15.6	104	65	<50	0.18	<1	
A74622 (9952152)	<1	2.19	49	55	6.49	1260	5.8	2.02	257	2370	<20	<50	0.28	2	
A74623 (9952153)	<1	1.22	23	35	1.97	784	9.5	4.12	53.0	877	<20	<50	0.19	2	
A74624 (9952154)	<1	1.63	33	21	1.50	730	11.1	2.98	45.9	687	<20	<50	0.12	1	
A74625 (9952155)	<1	1.50	22	27	2.29	891	9.6	3.27	68.1	779	<20	<50	0.12	4	
A74626 (9952156)	<1	0.46	10	11	4.34	1350	1.6	2.38	104	843	<20	<50	0.12	3	
A74627 (9952157)	<1	1.53	27	24	2.57	1250	9.7	2.83	116	1050	21	<50	0.12	1	
A74628 (9952158)	<1	2.00	75	13	9.74	1580	5.8	1.18	399	2290	<20	<50	0.25	1	
A74629 (9952159)	<1	0.98	193	43	1.69	415	8.6	4.15	111	653	<20	<50	0.05	<1	
A74630 (9952160)	<1	1.63	23	23	2.00	912	8.8	3.14	66.2	921	<20	<50	0.12	<1	
A74631 (9952161)	<1	2.43	87	19	9.25	1630	6.1	1.05	344	3190	<20	<50	0.25	3	
A74632 (9952162)	<1	0.02	2	1	3.49	147	0.8	0.04	0.9	67	<20	<50	0.16	<1	
A74633 (9952163)	<1	1.51	24	26	2.12	1010	9.3	3.11	59.5	861	<20	<50	0.13	<1	
A74634 (9952164)	<1	1.45	52	22	0.97	463	14.4	3.25	36.4	482	<20	<50	0.07	<1	
A74635 (9952165)	<1	1.57	20	24	1.88	916	9.1	2.92	61.4	714	<20	<50	0.11	<1	
A74636 (9952166)	<1	1.43	21	29	1.51	753	13.4	2.48	44.7	548	<20	<50	0.06	1	
A74637 (9952167)	<1	1.59	24	28	1.84	867	12.0	2.77	55.7	653	<20	<50	0.10	2	
A74638 (9952168)	<1	1.62	23	28	1.84	862	13.7	2.74	56.2	651	<20	<50	0.09	2	
A74639 (9952169)	<1	5.32	18	6	0.16	98	12.6	2.13	7.8	102	20	<50	0.05	<1	
A74640 (9952170)	<1	1.60	21	25	1.56	802	11.3	2.88	47.9	529	<20	<50	0.10	<1	

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T444834

PROJECT: AGAT00558

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 07, 2019	DATE RECEIVED: Mar 08, 2019					DATE REPORTED: Mar 27, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
A74641 (9952171)	<1	1.48	20	24	1.95	987	11.0	2.81	56.9	619	<20	<50	0.11	<1	
A74642 (9952172)	<1	3.77	45	11	0.32	202	13.4	2.58	10.3	156	<20	<50	0.02	<1	
A74643 (9952173)	<1	1.70	22	29	1.93	927	10.7	2.78	57.4	745	<20	<50	0.15	<1	
A74644 (9952174)	<1	1.54	18	26	1.89	870	11.6	2.73	57.9	712	<20	<50	0.17	4	
A74645 (9952175)	<1	1.69	13	8	0.25	131	13.6	3.52	7.2	30	<20	<50	0.02	<1	
A74646 (9952176)	<1	0.20	4	12	4.21	1370	1.2	2.29	83.5	389	<20	<50	0.18	4	
A74647 (9952177)	<1	1.43	16	28	2.13	1130	10.1	2.82	70.2	604	<20	<50	0.10	2	
A74648 (9952178)	<1	1.62	20	29	1.73	888	10.7	2.89	49.8	642	<20	<50	0.10	3	
A74649 (9952179)	<1	1.34	28	24	2.41	878	9.4	2.70	82.5	1070	<20	<50	0.10	<1	
A74650 (9952180)	<1	1.15	19	24	1.94	978	10.1	2.74	61.6	660	<20	<50	0.11	<1	
A74651 (9952181)	<1	1.56	21	30	2.12	1050	10.4	2.75	61.8	706	<20	<50	0.10	2	
A74652 (9952182)	<1	0.02	2	1	2.99	131	0.7	0.04	0.5	80	<20	<50	0.17	<1	
A74653 (9952183)	<1	1.59	22	31	1.95	875	11.2	2.66	57.5	716	<20	<50	0.16	2	
A74654 (9952184)	<1	1.63	27	28	1.95	1110	9.2	2.62	64.9	936	<20	<50	0.21	3	
A74655 (9952185)	<1	1.82	27	33	1.61	1200	10.1	2.57	70.6	1130	<20	<50	0.12	2	
A74656 (9952186)	<1	1.91	24	33	1.57	1230	11.2	2.35	65.4	985	<20	<50	0.11	<1	
A74657 (9952187)	<1	1.84	27	28	1.56	1130	10.1	2.65	65.2	986	<20	<50	0.12	2	
A74658 (9952188)	<1	1.82	27	27	1.55	1110	10.3	2.60	64.1	983	<20	<50	0.12	2	
A74659 (9952189)	<1	2.09	23	37	2.03	1110	9.5	2.46	66.3	794	<20	<50	0.06	2	
A74660 (9952190)	<1	1.68	39	28	1.85	1730	11.1	2.47	76.9	1640	<20	<50	0.11	3	
A74661 (9952191)	<1	1.83	23	26	1.72	927	22.6	2.62	57.9	777	<20	<50	0.15	<1	
A74662 (9952192)	<1	1.74	18	29	1.78	853	11.1	2.66	56.6	615	<20	<50	0.11	1	
A74663 (9952193)	<1	1.74	19	36	2.04	1120	13.1	2.79	63.7	653	<20	<50	0.14	2	
A74664 (9952194)	<1	1.52	24	36	2.02	1160	10.1	3.02	69.8	896	<20	<50	0.14	1	
A74665 (9952195)	<1	1.69	24	35	1.67	891	8.9	3.03	56.2	825	<20	<50	0.12	2	
A74666 (9952196)	<1	0.45	9	10	4.39	1350	1.7	2.38	105	845	<20	<50	0.12	3	
A74667 (9952197)	<1	1.57	23	37	1.64	1010	11.5	2.74	61.9	778	<20	<50	0.12	<1	
A74668 (9952198)	<1	1.14	20	27	1.73	1060	10.5	2.69	59.6	662	<20	<50	0.16	3	
A74669 (9952199)	<1	1.29	18	31	1.65	935	11.7	2.95	55.0	582	<20	<50	0.15	<1	
A74670 (9952200)	<1	1.39	19	32	1.89	1340	12.2	2.65	65.3	567	<20	<50	0.17	2	
A74671 (9952201)	<1	1.22	19	35	2.53	1360	10.2	2.55	77.8	696	<20	<50	0.14	2	
A74672 (9952202)	<1	0.02	2	1	2.67	131	0.7	0.04	0.8	66	<20	<50	0.18	<1	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T444834

PROJECT: AGAT00558

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 07, 2019	DATE RECEIVED: Mar 08, 2019		DATE REPORTED: Mar 27, 2019		SAMPLE TYPE: Drill Core										
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
A74673 (9952203)	<1	0.89	16	27	2.30	1360	11.2	2.91	75.4	609	<20	<50	0.12	2	
A74674 (9952204)	<1	0.99	15	24	1.74	959	12.1	2.70	55.2	685	<20	<50	0.10	<1	
A74675 (9952205)	<1	1.39	18	30	1.82	1170	12.3	3.00	55.4	545	<20	<50	0.17	1	
A74676 (9952206)	<1	0.92	20	23	1.51	891	13.3	3.03	45.5	632	<20	<50	0.14	2	
A74677 (9952207)	<1	1.21	22	29	1.50	778	13.6	2.92	56.4	680	<20	<50	0.16	2	
A74678 (9952208)	<1	1.18	23	28	1.47	808	14.8	2.93	57.9	691	<20	<50	0.17	<1	
A74679 (9952209)	<1	1.22	21	30	1.68	927	14.2	2.98	55.5	680	<20	<50	0.14	1	
A74680 (9952210)	<1	1.39	20	32	1.63	1090	13.3	2.80	54.0	645	<20	<50	0.16	<1	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 07, 2019	DATE RECEIVED: Mar 08, 2019					DATE REPORTED: Mar 27, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
A74609 (9952139)	21	<10	<5	476	<10	<10	5	0.41	<5	<50	142	2	16	75.9	
A74610 (9952140)	21	<10	<5	362	<10	<10	15	0.44	<5	<50	142	3	15	97.3	
A74611 (9952141)	19	<10	<5	435	<10	<10	6	0.36	<5	<50	121	3	15	76.7	
A74612 (9952142)	<1	<10	<5	74	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	3.5	
A74613 (9952143)	18	<10	<5	504	<10	<10	6	0.41	<5	<50	131	3	13	74.4	
A74614 (9952144)	6	<10	<5	308	<10	<10	18	0.22	<5	<50	38.0	2	4	78.6	
A74615 (9952145)	18	<10	<5	476	<10	<10	8	0.60	<5	<50	139	4	16	92.2	
A74616 (9952146)	23	<10	<5	611	<10	<10	<5	1.90	<5	<50	185	4	19	86.7	
A74617 (9952147)	21	<10	<5	485	<10	<10	<5	0.51	<5	<50	146	2	15	77.4	
A74618 (9952148)	21	<10	<5	482	<10	<10	<5	0.50	<5	<50	146	3	15	77.2	
A74619 (9952149)	27	<10	<5	1460	<10	<10	81	0.71	<5	<50	234	4	83	124	
A74620 (9952150)	2	<10	<5	282	<10	<10	22	0.05	<5	<50	18.2	<1	4	28.1	
A74621 (9952151)	6	<10	<5	317	<10	<10	25	0.20	<5	<50	52.1	2	5	69.7	
A74622 (9952152)	21	<10	<5	953	<10	<10	10	1.48	<5	<50	231	5	24	102	
A74623 (9952153)	19	<10	<5	544	<10	<10	9	0.39	<5	<50	138	3	22	76.0	
A74624 (9952154)	16	<10	<5	419	<10	<10	11	0.32	<5	<50	107	2	13	68.7	
A74625 (9952155)	20	<10	<5	530	<10	<10	7	0.43	<5	<50	139	3	17	73.8	
A74626 (9952156)	35	<10	<5	262	<10	<10	<5	0.86	<5	<50	229	3	22	89.5	
A74627 (9952157)	26	<10	<5	502	<10	<10	11	0.51	<5	<50	174	4	17	84.3	
A74628 (9952158)	26	<10	<5	1110	<10	<10	6	1.71	<5	<50	269	4	29	104	
A74629 (9952159)	10	<10	<5	399	<10	<10	74	0.28	<5	<50	62.4	3	16	48.3	
A74630 (9952160)	18	<10	<5	495	<10	<10	7	0.43	<5	<50	126	3	14	83.9	
A74631 (9952161)	22	<10	<5	1340	<10	<10	6	1.64	<5	<50	261	4	26	86.3	
A74632 (9952162)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	3.6	
A74633 (9952163)	20	<10	<5	535	<10	<10	7	0.45	<5	<50	145	3	15	95.7	
A74634 (9952164)	10	<10	<5	354	<10	<10	21	0.25	<5	<50	68.1	3	9	68.3	
A74635 (9952165)	19	<10	<5	484	<10	<10	6	0.41	<5	<50	130	2	15	77.6	
A74636 (9952166)	16	<10	<5	357	<10	<10	7	0.34	<5	<50	106	2	11	83.8	
A74637 (9952167)	18	<10	<5	426	<10	<10	8	0.39	<5	<50	125	2	15	88.9	
A74638 (9952168)	18	<10	<5	429	<10	<10	7	0.39	<5	<50	127	2	15	88.6	
A74639 (9952169)	2	<10	<5	271	<10	<10	9	0.05	<5	<50	9.7	<1	2	24.2	
A74640 (9952170)	16	<10	<5	387	<10	<10	7	0.34	<5	<50	109	3	12	70.7	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 07, 2019

DATE RECEIVED: Mar 08, 2019

DATE REPORTED: Mar 27, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
A74641 (9952171)	20	<10	<5	438	<10	<10	7	0.39	<5	<50	136	3	14	72.1
A74642 (9952172)	4	<10	<5	265	<10	<10	21	0.09	<5	<50	22.6	1	3	30.2
A74643 (9952173)	21	<10	<5	455	<10	<10	6	0.41	<5	<50	136	2	15	80.5
A74644 (9952174)	20	<10	<5	457	<10	<10	<5	0.42	<5	<50	138	3	14	79.8
A74645 (9952175)	2	<10	<5	288	<10	<10	7	0.08	<5	<50	12.6	<1	<1	27.8
A74646 (9952176)	45	<10	<5	115	<10	<10	<5	0.66	<5	<50	290	4	21	77.2
A74647 (9952177)	23	<10	<5	463	<10	<10	<5	0.44	<5	<50	153	2	15	80.9
A74648 (9952178)	20	<10	<5	424	<10	<10	<5	0.39	<5	<50	131	3	13	78.7
A74649 (9952179)	18	<10	<5	534	<10	<10	6	0.56	<5	<50	133	3	15	67.8
A74650 (9952180)	21	<10	<5	477	<10	<10	<5	0.43	<5	<50	146	2	15	71.7
A74651 (9952181)	22	<10	<5	503	<10	<10	5	0.43	<5	<50	142	3	16	80.1
A74652 (9952182)	<1	<10	<5	67	<10	<10	6	<0.01	<5	<50	1.2	<1	2	3.5
A74653 (9952183)	22	<10	<5	524	<10	<10	8	0.43	<5	<50	144	3	16	79.7
A74654 (9952184)	21	<10	<5	538	<10	<10	<5	0.46	<5	<50	148	1	16	77.2
A74655 (9952185)	33	<10	<5	356	<10	<10	<5	0.45	<5	<50	174	4	19	91.2
A74656 (9952186)	30	<10	<5	358	<10	<10	<5	0.43	<5	<50	160	4	18	84.5
A74657 (9952187)	23	<10	<5	345	<10	<10	<5	0.41	<5	<50	144	3	15	81.6
A74658 (9952188)	22	<10	<5	345	<10	<10	<5	0.40	<5	<50	140	3	15	80.6
A74659 (9952189)	22	<10	<5	305	<10	<10	<5	0.48	<5	<50	148	2	14	103
A74660 (9952190)	36	<10	<5	301	<10	<10	8	0.54	<5	<50	197	3	22	110
A74661 (9952191)	19	<10	<5	397	<10	<10	<5	0.41	<5	<50	130	3	14	72.4
A74662 (9952192)	20	<10	<5	324	<10	<10	<5	0.39	<5	<50	132	2	13	70.3
A74663 (9952193)	25	<10	<5	482	<10	<10	<5	0.44	<5	<50	158	2	16	79.9
A74664 (9952194)	23	<10	<5	743	<10	<10	6	0.47	<5	<50	159	3	17	82.1
A74665 (9952195)	17	<10	<5	477	<10	<10	<5	0.41	<5	<50	113	2	14	69.9
A74666 (9952196)	34	<10	<5	262	<10	<10	<5	0.86	<5	<50	228	3	22	90.1
A74667 (9952197)	20	<10	<5	358	<10	<10	7	0.44	<5	<50	134	3	15	86.7
A74668 (9952198)	19	<10	<5	449	<10	<10	6	0.40	<5	<50	130	3	14	70.4
A74669 (9952199)	18	<10	<5	462	<10	<10	<5	0.39	<5	<50	120	3	13	69.6
A74670 (9952200)	20	<10	<5	375	<10	<10	<5	0.42	<5	<50	131	3	17	83.8
A74671 (9952201)	28	<10	<5	507	<10	<10	<5	0.49	<5	<50	170	3	18	87.1
A74672 (9952202)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	4.2

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T444834

PROJECT: AGAT00558

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 07, 2019		DATE RECEIVED: Mar 08, 2019					DATE REPORTED: Mar 27, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn		
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm		
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5		
A74673 (9952203)	26	<10	<5	533	<10	<10	<5	0.49	<5	<50	165	2	18	82.2		
A74674 (9952204)	19	<10	<5	311	<10	<10	<5	0.38	<5	<50	126	3	13	75.8		
A74675 (9952205)	21	<10	<5	318	<10	<10	<5	0.40	<5	<50	129	3	15	73.0		
A74676 (9952206)	16	<10	<5	409	<10	<10	5	0.37	<5	<50	110	2	13	65.5		
A74677 (9952207)	15	<10	<5	541	<10	<10	5	0.38	<5	<50	114	2	13	67.7		
A74678 (9952208)	15	<10	<5	540	<10	<10	5	0.38	<5	<50	115	3	13	67.4		
A74679 (9952209)	17	<10	<5	536	<10	<10	6	0.39	<5	<50	117	3	13	73.7		
A74680 (9952210)	17	<10	<5	432	<10	<10	5	0.41	<5	<50	120	3	14	74.4		

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## Certificate of Analysis

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PROJECT: AGAT00558

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 07, 2019      DATE RECEIVED: Mar 08, 2019      DATE REPORTED: Mar 27, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
A74609 (9952139)				95
A74610 (9952140)				94
A74611 (9952141)				90
A74612 (9952142)				<5
A74613 (9952143)				95
A74614 (9952144)				134
A74615 (9952145)				105
A74616 (9952146)				94
A74617 (9952147)				108
A74618 (9952148)				112
A74619 (9952149)				186
A74620 (9952150)				102
A74621 (9952151)				50
A74622 (9952152)				256
A74623 (9952153)				143
A74624 (9952154)				106
A74625 (9952155)				113
A74626 (9952156)				88
A74627 (9952157)				90
A74628 (9952158)				117
A74629 (9952159)				161
A74630 (9952160)				105
A74631 (9952161)				135
A74632 (9952162)				<5
A74633 (9952163)				110
A74634 (9952164)				196
A74635 (9952165)				103
A74636 (9952166)				85
A74637 (9952167)				103
A74638 (9952168)				103
A74639 (9952169)				71
A74640 (9952170)				91

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T444834

PROJECT: AGAT00558

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 07, 2019

DATE RECEIVED: Mar 08, 2019

DATE REPORTED: Mar 27, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
A74641 (9952171)				93
A74642 (9952172)				136
A74643 (9952173)				103
A74644 (9952174)				90
A74645 (9952175)				53
A74646 (9952176)				47
A74647 (9952177)				91
A74648 (9952178)				102
A74649 (9952179)				117
A74650 (9952180)				101
A74651 (9952181)				101
A74652 (9952182)				<5
A74653 (9952183)				94
A74654 (9952184)				104
A74655 (9952185)				98
A74656 (9952186)				98
A74657 (9952187)				108
A74658 (9952188)				102
A74659 (9952189)				107
A74660 (9952190)				129
A74661 (9952191)				99
A74662 (9952192)				101
A74663 (9952193)				98
A74664 (9952194)				120
A74665 (9952195)				95
A74666 (9952196)				87
A74667 (9952197)				111
A74668 (9952198)				95
A74669 (9952199)				105
A74670 (9952200)				100
A74671 (9952201)				83
A74672 (9952202)				<5

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## Certificate of Analysis

AGAT WORK ORDER: 19T444834

PROJECT: AGAT00558

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 07, 2019

DATE RECEIVED: Mar 08, 2019

DATE REPORTED: Mar 27, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
A74673 (9952203)				98
A74674 (9952204)				77
A74675 (9952205)				94
A74676 (9952206)				95
A74677 (9952207)				106
A74678 (9952208)				111
A74679 (9952209)				120
A74680 (9952210)				103

Comments: RDL - Reported Detection Limit

9952139-9952210 As, Sb values may be low due to digestion losses.

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444834

PROJECT: AGAT00558

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 07, 2019      DATE RECEIVED: Mar 08, 2019      DATE REPORTED: Mar 27, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
A74609 (9952139)			0.005
A74610 (9952140)			0.013
A74611 (9952141)			0.008
A74612 (9952142)			<0.001
A74613 (9952143)			0.004
A74614 (9952144)			0.006
A74615 (9952145)			0.004
A74616 (9952146)			<0.001
A74617 (9952147)			0.002
A74618 (9952148)			0.003
A74619 (9952149)			0.001
A74620 (9952150)			<0.001
A74621 (9952151)			0.002
A74622 (9952152)			0.003
A74623 (9952153)			0.006
A74624 (9952154)			0.003
A74625 (9952155)			0.004
A74626 (9952156)			0.332
A74627 (9952157)			0.003
A74628 (9952158)			0.001
A74629 (9952159)			0.001
A74630 (9952160)			0.003
A74631 (9952161)			0.002
A74632 (9952162)			<0.001
A74633 (9952163)			0.006
A74634 (9952164)			0.002
A74635 (9952165)			0.003
A74636 (9952166)			0.003
A74637 (9952167)			0.004
A74638 (9952168)			0.004
A74639 (9952169)			0.003
A74640 (9952170)			0.005

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444834

PROJECT: AGAT00558

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 07, 2019      DATE RECEIVED: Mar 08, 2019      DATE REPORTED: Mar 27, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au	ppm	0.001	
A74641 (9952171)				0.009
A74642 (9952172)				0.001
A74643 (9952173)				0.007
A74644 (9952174)				0.007
A74645 (9952175)				0.005
A74646 (9952176)				0.513
A74647 (9952177)				0.004
A74648 (9952178)				0.006
A74649 (9952179)				0.004
A74650 (9952180)				0.008
A74651 (9952181)				0.005
A74652 (9952182)				0.001
A74653 (9952183)				0.005
A74654 (9952184)				0.009
A74655 (9952185)				0.008
A74656 (9952186)				0.012
A74657 (9952187)				0.011
A74658 (9952188)				0.023
A74659 (9952189)				0.005
A74660 (9952190)				0.012
A74661 (9952191)				0.241
A74662 (9952192)				0.009
A74663 (9952193)				0.016
A74664 (9952194)				0.010
A74665 (9952195)				0.010
A74666 (9952196)				0.339
A74667 (9952197)				0.013
A74668 (9952198)				0.025
A74669 (9952199)				0.016
A74670 (9952200)				0.028
A74671 (9952201)				0.038
A74672 (9952202)				<0.001

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444834

PROJECT: AGAT00558

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 07, 2019      DATE RECEIVED: Mar 08, 2019      DATE REPORTED: Mar 27, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
A74673 (9952203)			0.014
A74674 (9952204)			0.009
A74675 (9952205)			0.024
A74676 (9952206)			0.268
A74677 (9952207)			0.033
A74678 (9952208)			0.022
A74679 (9952209)			0.018
A74680 (9952210)			0.023

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444834

PROJECT: AGAT00558

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 07, 2019

DATE RECEIVED: Mar 08, 2019

DATE REPORTED: Mar 27, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
A74609 (9952139)		84
A74628 (9952158)		90
A74648 (9952178)		88
A74668 (9952198)		90
A74671 (9952201)		89

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	9952139	< 0.5	< 0.5	0.0%	9952153	< 0.5	< 0.5	0.0%	9952164	< 0.5	< 0.5	0.0%	9952178	< 0.5	< 0.5	0.0%
Al	9952139	8.19	8.21	0.2%	9952153	7.85	7.74	1.4%	9952164	8.17	8.08	1.1%	9952178	8.30	8.20	1.2%
As	9952139	< 1	< 1	0.0%	9952153	< 1	< 1	0.0%	9952164	< 1	< 1	0.0%	9952178	< 1	< 1	0.0%
Ba	9952139	421	416	1.2%	9952153	597	595	0.3%	9952164	388	385	0.8%	9952178	535	539	0.7%
Be	9952139	0.8	0.8	0.0%	9952153	1.92	2.01	4.6%	9952164	0.9	0.9	0.0%	9952178	0.7	0.7	0.0%
Bi	9952139	2	3	40.0%	9952153	2	< 1		9952164	< 1	< 1	0.0%	9952178	2	3	
Ca	9952139	3.95	3.91	1.0%	9952153	3.71	3.64	1.9%	9952164	2.41	2.37	1.7%	9952178	3.09	3.04	1.6%
Cd	9952139	< 0.5	< 0.5	0.0%	9952153	< 0.5	< 0.5	0.0%	9952164	< 0.5	< 0.5	0.0%	9952178	< 0.5	< 0.5	0.0%
Ce	9952139	46	49	6.3%	9952153	49	48	2.1%	9952164	103	100	3.0%	9952178	44	46	4.4%
Co	9952139	21.7	22.0	1.4%	9952153	20.7	21.2	2.4%	9952164	11.7	11.7	0.0%	9952178	19.7	21.0	6.4%
Cr	9952139	170	166	2.4%	9952153	114	110	3.6%	9952164	135	166	20.6%	9952178	137	130	5.2%
Cu	9952139	35.9	37.6	4.6%	9952153	85.3	85.4	0.1%	9952164	26.9	25.2	6.5%	9952178	36.6	36.8	0.5%
Fe	9952139	5.21	5.20	0.2%	9952153	4.61	4.53	1.8%	9952164	2.81	2.83	0.7%	9952178	4.61	4.60	0.2%
Ga	9952139	18	19	5.4%	9952153	18	18	0.0%	9952164	18	19	5.4%	9952178	18	18	0.0%
In	9952139	< 1	< 1	0.0%	9952153	< 1	< 1	0.0%	9952164	< 1	< 1	0.0%	9952178	< 1	< 1	0.0%
K	9952139	1.39	1.37	1.4%	9952153	1.22	1.24	1.6%	9952164	1.45	1.44	0.7%	9952178	1.62	1.63	0.6%
La	9952139	20	21	4.9%	9952153	23	22	4.4%	9952164	52	49	5.9%	9952178	20	21	4.9%
Li	9952139	25	25	0.0%	9952153	35	35	0.0%	9952164	22	22	0.0%	9952178	29	29	0.0%
Mg	9952139	2.06	2.03	1.5%	9952153	1.97	1.97	0.0%	9952164	0.97	0.95	2.1%	9952178	1.73	1.73	0.0%
Mn	9952139	1120	1110	0.9%	9952153	784	783	0.1%	9952164	463	459	0.9%	9952178	888	895	0.8%
Mo	9952139	11.5	12.6	9.1%	9952153	9.5	9.2	3.2%	9952164	14.4	14.8	2.7%	9952178	10.7	10.5	1.9%
Na	9952139	2.93	2.95	0.7%	9952153	4.12	4.07	1.2%	9952164	3.25	3.18	2.2%	9952178	2.89	2.84	1.7%
Ni	9952139	59.8	61.0	2.0%	9952153	53.0	53.4	0.8%	9952164	36.4	35.0	3.9%	9952178	49.8	51.2	2.8%
P	9952139	918	938	2.2%	9952153	877	879	0.2%	9952164	482	476	1.3%	9952178	642	661	2.9%
Pb	9952139	< 20	< 20	0.0%	9952153	< 20	< 20	0.0%	9952164	< 20	< 20	0.0%	9952178	< 20	< 20	0.0%
Rb	9952139	< 50	< 50	0.0%	9952153	< 50	< 50	0.0%	9952164	< 50	< 50	0.0%	9952178	< 50	< 50	0.0%
S	9952139	0.10	0.10	0.0%	9952153	0.193	0.197	2.1%	9952164	0.07	0.07	0.0%	9952178	0.102	0.109	6.6%
Sb	9952139	< 1	1		9952153	2	1		9952164	< 1	< 1	0.0%	9952178	3	3	0.0%
Sc	9952139	21	21	0.0%	9952153	19	19	0.0%	9952164	10	10	0.0%	9952178	20	20	0.0%
Se	9952139	< 10	< 10	0.0%	9952153	< 10	< 10	0.0%	9952164	< 10	< 10	0.0%	9952178	< 10	< 10	0.0%
Sn	9952139	< 5	< 5	0.0%	9952153	< 5	< 5	0.0%	9952164	< 5	< 5	0.0%	9952178	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	9952139	476	477	0.2%	9952153	544	544	0.0%	9952164	354	336	5.2%	9952178	424	415	2.1%
Ta	9952139	< 10	< 10	0.0%	9952153	< 10	< 10	0.0%	9952164	< 10	< 10	0.0%	9952178	< 10	< 10	0.0%
Te	9952139	< 10	< 10	0.0%	9952153	< 10	< 10	0.0%	9952164	< 10	< 10	0.0%	9952178	< 10	< 10	0.0%
Th	9952139	5	5	0.0%	9952153	9	10	10.5%	9952164	21	19	10.0%	9952178	5	6	18.2%
Ti	9952139	0.41	0.41	0.0%	9952153	0.386	0.381	1.3%	9952164	0.25	0.25	0.0%	9952178	0.39	0.39	0.0%
Tl	9952139	< 5	< 5	0.0%	9952153	< 5	< 5	0.0%	9952164	< 5	< 5	0.0%	9952178	< 5	< 5	0.0%
U	9952139	< 50	< 50	0.0%	9952153	< 50	< 50	0.0%	9952164	< 50	< 50	0.0%	9952178	< 50	< 50	0.0%
V	9952139	142	145	2.1%	9952153	138	137	0.7%	9952164	68.1	67.8	0.4%	9952178	131	134	2.3%
W	9952139	2	2	0.0%	9952153	3	3	0.0%	9952164	3	3	0.0%	9952178	3	3	0.0%
Y	9952139	16	16	0.0%	9952153	22	22	0.0%	9952164	9	8	11.8%	9952178	13	14	7.4%
Zn	9952139	75.9	74.2	2.3%	9952153	76.0	74.3	2.3%	9952164	68.3	66.9	2.1%	9952178	78.7	78.4	0.4%
Zr	9952139	95	98	3.1%	9952153	143	146	2.1%	9952164	196	165	17.2%	9952178	102	88	14.7%

Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	9952189	< 0.5	< 0.5	0.0%	9952203	< 0.5	< 0.5	0.0%								
Al	9952189	8.23	8.24	0.1%	9952203	8.50	8.17	4.0%								
As	9952189	< 1	< 1	0.0%	9952203	< 1	< 1	0.0%								
Ba	9952189	431	429	0.5%	9952203	293	290	1.0%								
Be	9952189	0.9	0.9	0.0%	9952203	< 0.5	< 0.5	0.0%								
Bi	9952189	4	3	28.6%	9952203	4	6									
Ca	9952189	3.43	3.40	0.9%	9952203	4.40	4.26	3.2%								
Cd	9952189	< 0.5	< 0.5	0.0%	9952203	< 0.5	< 0.5	0.0%								
Ce	9952189	49	49	0.0%	9952203	35	36	2.8%								
Co	9952189	25.1	25.4	1.2%	9952203	25.8	26.0	0.8%								
Cr	9952189	166	176	5.8%	9952203	316	310	1.9%								
Cu	9952189	14.5	15.5	6.7%	9952203	35.2	35.1	0.3%								
Fe	9952189	5.86	5.88	0.3%	9952203	6.12	5.94	3.0%								
Ga	9952189	22	22	0.0%	9952203	20	21	4.9%								
In	9952189	< 1	< 1	0.0%	9952203	< 1	< 1	0.0%								
K	9952189	2.09	2.09	0.0%	9952203	0.89	0.89	0.0%								
La	9952189	23	23	0.0%	9952203	16	17	6.1%								
Li	9952189	37	37	0.0%	9952203	27	27	0.0%								
Mg	9952189	2.03	2.01	1.0%	9952203	2.30	2.29	0.4%								
Mn	9952189	1110	1100	0.9%	9952203	1360	1320	3.0%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	9952189	9.5	11.1	15.5%	9952203	11.2	11.4	1.8%								
Na	9952189	2.46	2.45	0.4%	9952203	2.91	2.76	5.3%								
Ni	9952189	66.3	67.2	1.3%	9952203	75.4	75.8	0.5%								
P	9952189	794	804	1.3%	9952203	609	618	1.5%								
Pb	9952189	< 20	< 20	0.0%	9952203	< 20	< 20	0.0%								
Rb	9952189	< 50	< 50	0.0%	9952203	< 50	< 50	0.0%								
S	9952189	0.06	0.06	0.0%	9952203	0.121	0.113	6.8%								
Sb	9952189	2	2	0.0%	9952203	2	1									
Sc	9952189	22	22	0.0%	9952203	26	26	0.0%								
Se	9952189	< 10	< 10	0.0%	9952203	< 10	< 10	0.0%								
Sn	9952189	< 5	< 5	0.0%	9952203	< 5	< 5	0.0%								
Sr	9952189	305	304	0.3%	9952203	533	520	2.5%								
Ta	9952189	< 10	< 10	0.0%	9952203	< 10	< 10	0.0%								
Te	9952189	< 10	< 10	0.0%	9952203	< 10	< 10	0.0%								
Th	9952189	< 5	5		9952203	< 5	< 5	0.0%								
Ti	9952189	0.48	0.48	0.0%	9952203	0.489	0.471	3.8%								
Tl	9952189	< 5	< 5	0.0%	9952203	< 5	< 5	0.0%								
U	9952189	< 50	< 50	0.0%	9952203	< 50	< 50	0.0%								
V	9952189	148	147	0.7%	9952203	165	167	1.2%								
W	9952189	2	3		9952203	2	3									
Y	9952189	14	14	0.0%	9952203	18	18	0.0%								
Zn	9952189	103	104	1.0%	9952203	82.2	80.7	1.8%								
Zr	9952189	107	101	5.8%	9952203	98	92	6.3%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	9952139	0.005	0.004	22.2%	9952153	0.006	0.006	0.0%	9952164	0.002	0.002	0.0%	9952178	0.0056	0.0053	5.5%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	9952189	0.005	0.008		9952203	0.0140	0.0132	5.9%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.Till-2)				CRM #4 (ref.GTS-2a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	11.31	103%	90% - 110%					8.17	8.7	106%	90% - 110%	6.96	7.28	105%	90% - 110%
As													124	121	98%	90% - 110%
Ba	340	328	97%	90% - 110%					540	526	97%	90% - 110%	186	177	95%	90% - 110%
Be	2.6	2.4	94%	90% - 110%					4.0	3	75%	90% - 110%				
Ca	5.72	5.55	97%	90% - 110%					0.907	0.912	101%	90% - 110%	4.01	3.91	98%	90% - 110%
Ce	122	123	101%	90% - 110%					98	100	102%	90% - 110%	24	23	97%	90% - 110%
Co													22.1	21	95%	90% - 110%
Cr									60.3	60.5	100%	90% - 110%				
Cu									150	151	101%	90% - 110%	88.6	84.8	96%	90% - 110%
Fe	4.34	4	92%	90% - 110%					3.77	3.63	96%	90% - 110%	7.56	7.14	94%	90% - 110%
Ga	35	32	92%	90% - 110%												
K	1.37	1.48	108%	90% - 110%									2.021	2.148	106%	90% - 110%
La	58	54	93%	90% - 110%					44	42	96%	90% - 110%				
Li	37	39	104%	90% - 110%					47	48	103%	90% - 110%				
Mg	0.325	0.303	93%	90% - 110%					1.10	1.1	100%	90% - 110%	2.412	2.437	101%	90% - 110%
Mn									780	753	97%	90% - 110%	1510	1454	96%	90% - 110%
Mo									14	14	102%	90% - 110%				
Na	5.267	5.249	100%	90% - 110%					1.624	1.712	105%	90% - 110%	0.617	0.636	103%	90% - 110%
Ni									32	32	100%	90% - 110%	77.1	71.8	93%	90% - 110%
P									750	724	97%	90% - 110%	892	884	99%	90% - 110%
Pb									31	28	90%	90% - 110%				
S													0.348	0.369	106%	90% - 110%
Sb					0.8	1	120%	90% - 110%								
Sc	1.1	1	91%	90% - 110%					12	13	106%	90% - 110%				
Sr	1191	1210	102%	90% - 110%					144	158	110%	90% - 110%	92.8	93.4	101%	90% - 110%
Th									18.4	19.5	105%	90% - 110%				
Ti	0.172	0.167	97%	90% - 110%					0.53	0.48	91%	90% - 110%				
V									77	74	96%	90% - 110%				
W									5	4.5	90%	90% - 110%				
Y	119	119	100%	90% - 110%												
Zn	93	94	101%	90% - 110%					130	123	95%	90% - 110%	208	206	99%	90% - 110%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Parameter	CRM #5 (ref.SY-4)				Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
	Expect	Actual	Recovery	Limits												
Al	10.95	11.28	103%	90% - 110%												
Ba	340	332	98%	90% - 110%												
Be	2.6	2.4	94%	90% - 110%												
Ca	5.72	5.5	96%	90% - 110%												
Ce	122	120	99%	90% - 110%												
Fe	4.34	4.02	93%	90% - 110%												
Ga	35	33	93%	90% - 110%												
K	1.37	1.5	109%	90% - 110%												
La	58	54	94%	90% - 110%												
Li	37	39	106%	90% - 110%												
Mg	0.325	0.302	93%	90% - 110%												
Na	5.267	5.249	100%	90% - 110%												
Sc	1.1	1	91%	90% - 110%												
Sr	1191	1209	101%	90% - 110%												
Ti	0.172	0.165	96%	90% - 110%												
Y	119	120	101%	90% - 110%												
Zn	93	92	99%	90% - 110%												
<b>(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)</b>																
Parameter	CRM #1 (ref.GS6E)				CRM #2 (ref.GS5W)				CRM #3 (ref.GSP5G)				Expect	Actual	Recovery	Limits
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	6.06	6.30	104%	90% - 110%	5.27	5.61	106%	90% - 110%	0.562	0.552	98%	90% - 110%				

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00558  
 SAMPLING SITE:

AGAT WORK ORDER: 19T444834  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00562

AGAT WORK ORDER: 19T444950

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Mar 28, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T444950

PROJECT: AGAT00562

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 08, 2019      DATE RECEIVED: Mar 09, 2019      DATE REPORTED: Mar 28, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
A74681 (9953672)		2.32
A74682 (9953673)		2.22
A74683 (9953674)		2.36
A74684 (9953675)		2.40
A74685 (9953676)		2.33
A74686 (9953677)		0.0700
A74687 (9953678)		2.27
A74688 (9953679)		2.35
A74689 (9953680)		2.42
A74690 (9953681)		2.40
A74691 (9953682)		2.31
A74692 (9953683)		1.25
A74693 (9953684)		0.970
A74694 (9953685)		1.39
A74695 (9953686)		2.17
A74696 (9953687)		1.13
A74697 (9953688)		1.90
A74698 (9953689)		1.90
A74699 (9953690)		0.900
A74700 (9953691)		1.25
A74701 (9953692)		2.35
A74702 (9953693)		2.20
A74703 (9953694)		2.37
A74704 (9953695)		1.13
A74705 (9953696)		1.40
A74706 (9953697)		2.27
A74707 (9953698)		2.49
A74708 (9953699)		2.36
A74709 (9953700)		2.31
A74710 (9953701)		1.38
A74711 (9953702)		2.05

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444950

PROJECT: AGAT00562

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 08, 2019      DATE RECEIVED: Mar 09, 2019      DATE REPORTED: Mar 28, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
A74712 (9953703)		1.32
A74713 (9953704)		1.29
A74714 (9953705)		2.10
A74715 (9953706)		1.38
A74716 (9953707)		1.51
A74717 (9953708)		2.05
A74718 (9953709)		2.05
A74719 (9953710)		2.57
A74720 (9953711)		2.30
A74721 (9953712)		2.37
A74722 (9953713)		2.30
A74723 (9953714)		2.32
A74724 (9953715)		2.50
A74725 (9953716)		2.48
A74726 (9953717)		0.0700
A74727 (9953718)		2.34
A74728 (9953719)		1.76
A74729 (9953720)		2.09
A74730 (9953721)		3.25
A74731 (9953722)		2.67
A74732 (9953723)		2.02
A74733 (9953724)		1.08
A74734 (9953725)		1.25
A74735 (9953726)		2.44
A74736 (9953727)		2.40
A74737 (9953728)		2.35
A74738 (9953729)		2.35
A74739 (9953730)		2.40
A74740 (9953731)		2.42
A74741 (9953732)		2.56
A74742 (9953733)		2.41

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444950

PROJECT: AGAT00562

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 08, 2019      DATE RECEIVED: Mar 09, 2019      DATE REPORTED: Mar 28, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
A74743 (9953734)		2.30
A74744 (9953735)		2.40
A74745 (9953736)		2.39
A74746 (9953737)		0.0600
A74747 (9953738)		2.35
A74748 (9953739)		2.42
A74749 (9953740)		2.49
A74750 (9953741)		0.650
A74751 (9953742)		1.77
A74752 (9953743)		2.88

Comments: RDL - Reported Detection Limit

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T444950

PROJECT: AGAT00562

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 08, 2019	DATE RECEIVED: Mar 09, 2019							DATE REPORTED: Mar 28, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
A74681 (9953672)	<0.5	7.16	<1	574	1.4	<1	3.01	<0.5	43	18.4	125	41.3	4.50	18.0	
A74682 (9953673)	<0.5	7.56	<1	467	1.6	<1	3.02	<0.5	45	20.3	107	39.7	4.75	20.0	
A74683 (9953674)	<0.5	7.56	<1	286	1.5	<1	2.93	<0.5	45	19.4	102	55.4	4.80	18.0	
A74684 (9953675)	<0.5	7.72	<1	278	1.4	<1	3.26	<0.5	45	18.9	109	35.1	4.85	17.0	
A74685 (9953676)	<0.5	7.98	<1	393	1.7	<1	3.32	<0.5	41	22.4	130	55.3	5.72	24.0	
A74686 (9953677)	<0.5	7.31	11	86	1.3	<1	7.28	<0.5	7	38.3	149	158	7.56	25.0	
A74687 (9953678)	<0.5	7.57	<1	351	1.7	<1	3.14	<0.5	49	19.2	118	48.5	4.64	19.0	
A74688 (9953679)	<0.5	7.75	2	421	1.4	<1	3.04	<0.5	43	21.0	111	46.8	5.04	20.0	
A74689 (9953680)	<0.5	7.52	<1	449	1.6	<1	3.05	<0.5	39	22.2	122	55.4	5.09	20.0	
A74690 (9953681)	<0.5	8.25	<1	552	1.3	<1	2.99	<0.5	45	19.5	120	40.7	5.33	18.0	
A74691 (9953682)	<0.5	7.47	3	688	1.6	<1	2.03	<0.5	46	18.3	131	40.5	4.52	20.0	
A74692 (9953683)	<0.5	0.06	3	19	<0.5	<1	31.6	<0.5	<1	0.9	2.2	<0.5	0.10	< 5	
A74693 (9953684)	<0.5	7.33	2	960	5.4	<1	1.79	<0.5	97	13.9	108	38.3	4.30	20.0	
A74694 (9953685)	<0.5	0.84	<1	28	7.4	<1	5.52	<0.5	5	65.0	672	17.5	5.17	16.0	
A74695 (9953686)	<0.5	1.24	<1	175	5.5	<1	3.89	<0.5	10	60.3	741	19.9	5.06	15.0	
A74696 (9953687)	<0.5	7.17	2	647	1.8	<1	1.81	<0.5	66	18.4	128	67.5	4.30	18.0	
A74697 (9953688)	<0.5	7.37	<1	602	1.6	<1	1.93	<0.5	48	18.0	118	50.7	4.45	20.0	
A74698 (9953689)	<0.5	7.43	<1	605	1.5	<1	1.93	<0.5	50	18.8	162	49.9	4.47	16.0	
A74699 (9953690)	<0.5	3.34	<1	948	5.3	<1	5.85	<0.5	108	47.6	522	73.3	6.66	29.0	
A74700 (9953691)	<0.5	7.08	11	807	3.6	<1	1.91	<0.5	55	16.4	162	49.0	3.95	16.0	
A74701 (9953692)	<0.5	6.83	30	474	3.1	<1	2.49	<0.5	59	18.0	130	58.9	4.07	16.0	
A74702 (9953693)	<0.5	7.02	<1	518	1.6	<1	2.24	<0.5	41	19.5	117	28.3	4.13	18.0	
A74703 (9953694)	<0.5	6.90	2	438	1.6	<1	2.24	<0.5	40	19.1	100	51.2	3.96	16.0	
A74704 (9953695)	<0.5	7.19	<1	471	1.4	<1	1.94	<0.5	43	17.6	115	28.0	4.05	14.0	
A74705 (9953696)	<0.5	5.11	4	308	1.1	<1	1.47	<0.5	34	12.9	97.8	16.8	3.07	9.00	
A74706 (9953697)	<0.5	6.90	5	452	1.5	<1	2.13	<0.5	47	20.0	126	43.7	4.25	18.0	
A74707 (9953698)	<0.5	7.13	<1	381	1.5	<1	3.39	<0.5	48	19.9	118	62.5	4.79	19.0	
A74708 (9953699)	<0.5	7.66	<1	483	1.6	<1	2.85	<0.5	39	20.6	103	36.9	4.83	18.0	
A74709 (9953700)	<0.5	7.69	<1	466	1.5	<1	3.06	<0.5	40	21.4	119	48.3	5.10	19.0	
A74710 (9953701)	<0.5	7.33	<1	368	1.8	<1	2.93	<0.5	47	21.7	99.8	39.3	5.10	23.0	
A74711 (9953702)	<0.5	6.82	2	2410	0.8	<1	0.91	<0.5	5	<0.5	28.5	8.1	0.83	< 5	
A74712 (9953703)	<0.5	0.08	5	20	<0.5	<1	31.5	<0.5	<1	<0.5	2.7	<0.5	0.09	< 5	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444950

PROJECT: AGAT00562

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 08, 2019	DATE RECEIVED: Mar 09, 2019					DATE REPORTED: Mar 28, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
A74713 (9953704)	<0.5	7.10	7	2730	1.1	<1	1.40	<0.5	11	0.9	38.1	8.9	1.04	6.00	
A74714 (9953705)	<0.5	2.86	<1	954	9.2	<1	9.59	<0.5	176	42.1	334	112	8.14	25.0	
A74715 (9953706)	<0.5	7.50	<1	487	2.7	<1	3.54	<0.5	36	20.6	95.7	33.8	5.24	22.0	
A74716 (9953707)	<0.5	7.19	6	2390	1.0	<1	1.10	<0.5	6	1.1	25.8	30.3	0.75	< 5	
A74717 (9953708)	<0.5	7.77	<1	435	1.5	<1	3.19	<0.5	37	21.8	114	31.5	5.74	22.0	
A74718 (9953709)	<0.5	7.79	2	442	1.5	<1	3.16	<0.5	40	21.6	127	29.4	5.64	22.0	
A74719 (9953710)	<0.5	7.59	2	390	1.5	<1	2.84	<0.5	44	19.5	103	39.0	4.76	18.0	
A74720 (9953711)	<0.5	7.55	<1	713	1.7	<1	2.50	<0.5	51	19.5	108	50.0	4.83	19.0	
A74721 (9953712)	<0.5	7.75	1	573	1.7	<1	3.05	<0.5	52	22.0	125	42.6	5.16	20.0	
A74722 (9953713)	<0.5	7.63	<1	339	1.5	<1	2.92	<0.5	46	19.5	103	32.6	4.76	21.0	
A74723 (9953714)	<0.5	7.53	6	511	1.7	<1	3.19	<0.5	55	20.7	114	42.7	4.50	21.0	
A74724 (9953715)	<0.5	8.33	2	574	1.6	<1	3.50	<0.5	45	22.2	114	51.9	5.17	23.0	
A74725 (9953716)	<0.5	7.50	3	495	1.5	<1	3.29	<0.5	42	17.9	101	45.5	4.40	17.0	
A74726 (9953717)	<0.5	7.18	5	150	1.3	3	6.76	<0.5	7	40.0	141	153	8.18	27.0	
A74727 (9953718)	<0.5	7.95	3	429	1.5	<1	3.23	<0.5	44	20.4	129	43.1	5.05	19.0	
A74728 (9953719)	<0.5	6.94	5	470	4.7	<1	3.36	<0.5	53	20.2	127	53.7	4.50	20.0	
A74729 (9953720)	<0.5	2.46	2	893	6.2	4	6.74	<0.5	135	61.2	555	99.1	9.53	30.0	
A74730 (9953721)	<0.5	2.41	<1	889	11.1	<1	6.75	<0.5	153	57.9	649	90.2	9.52	27.0	
A74731 (9953722)	<0.5	7.58	3	581	3.3	<1	2.77	<0.5	55	18.6	103	64.3	4.73	20.0	
A74732 (9953723)	<0.5	0.08	4	15	<0.5	<1	30.6	<0.5	<1	<0.5	2.5	<0.5	0.11	< 5	
A74733 (9953724)	<0.5	8.04	<1	516	1.8	<1	3.16	<0.5	40	18.5	125	25.5	5.33	18.0	
A74734 (9953725)	<0.5	8.16	<1	296	1.5	<1	2.30	<0.5	5	3.9	38.7	22.8	1.58	10.0	
A74735 (9953726)	<0.5	7.03	<1	543	2.7	<1	2.65	<0.5	47	21.1	125	34.4	4.52	21.0	
A74736 (9953727)	<0.5	7.64	<1	608	1.6	<1	2.62	<0.5	55	20.9	166	93.4	5.51	20.0	
A74737 (9953728)	<0.5	7.25	7	491	2.1	<1	2.92	<0.5	49	22.3	174	96.7	5.58	18.0	
A74738 (9953729)	<0.5	7.16	6	490	1.9	<1	2.89	<0.5	48	21.3	162	96.9	5.45	20.0	
A74739 (9953730)	<0.5	7.27	<1	517	1.5	<1	2.59	<0.5	42	18.7	136	42.5	4.56	20.0	
A74740 (9953731)	<0.5	7.44	<1	331	1.5	<1	3.83	<0.5	34	23.4	131	42.1	5.74	19.0	
A74741 (9953732)	<0.5	7.58	<1	475	1.5	<1	2.93	<0.5	38	21.4	110	45.1	5.11	19.0	
A74742 (9953733)	<0.5	7.32	<1	420	1.6	<1	2.84	<0.5	36	21.9	116	48.2	5.09	20.0	
A74743 (9953734)	<0.5	7.24	1	480	1.5	<1	2.41	<0.5	36	16.8	113	53.2	4.37	20.0	
A74744 (9953735)	<0.5	7.84	2	477	1.8	<1	3.19	<0.5	56	20.3	110	39.7	4.98	20.0	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444950

PROJECT: AGAT00562

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 08, 2019	DATE RECEIVED: Mar 09, 2019					DATE REPORTED: Mar 28, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
A74745 (9953736)	<0.5	7.89	4	407	1.5	<1	3.81	<0.5	42	23.5	152	55.4	6.02	20.0	
A74746 (9953737)	<0.5	7.15	4	150	1.0	3	6.69	<0.5	8	38.0	137	155	8.23	26.0	
A74747 (9953738)	<0.5	7.11	2	442	1.2	<1	2.82	<0.5	33	17.0	105	26.6	4.62	15.0	
A74748 (9953739)	<0.5	7.70	1	609	1.3	<1	2.79	<0.5	41	17.7	160	33.6	4.87	17.0	
A74749 (9953740)	<0.5	6.58	<1	584	2.0	<1	2.67	<0.5	44	19.0	165	40.0	4.67	20.0	
A74750 (9953741)	<0.5	7.28	<1	364	1.7	<1	1.94	<0.5	17	10.3	97.6	24.4	3.29	18.0	
A74751 (9953742)	<0.5	7.80	4	808	2.1	<1	2.76	<0.5	75	11.8	78.8	27.3	3.87	18.0	
A74752 (9953743)	<0.5	0.07	3	17	<0.5	<1	30.7	<0.5	<1	0.7	3.0	<0.5	0.10	< 5	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 08, 2019

DATE RECEIVED: Mar 09, 2019

DATE REPORTED: Mar 28, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
A74681 (9953672)		<1	1.13	21	30	1.55	799	6.9	2.52	59.6	615	<20	<50	0.12	<1
A74682 (9953673)		<1	1.14	21	31	1.68	856	5.4	2.76	50.5	728	<20	<50	0.11	<1
A74683 (9953674)		<1	0.87	21	26	1.65	817	7.4	2.91	55.3	706	<20	<50	0.16	<1
A74684 (9953675)		<1	0.69	21	22	1.75	884	5.3	3.15	54.9	773	<20	<50	0.10	<1
A74685 (9953676)		<1	0.94	19	30	2.01	1080	5.6	3.01	61.1	621	<20	<50	0.16	<1
A74686 (9953677)		<1	0.24	4	14	4.53	1300	0.9	1.67	97.9	369	<20	<50	0.20	1
A74687 (9953678)		<1	0.75	24	22	1.52	926	6.4	2.96	51.2	769	<20	<50	0.15	<1
A74688 (9953679)		<1	1.13	21	29	1.77	866	5.9	2.80	54.6	728	<20	<50	0.14	3
A74689 (9953680)		<1	1.09	18	29	1.72	990	5.8	2.75	60.7	624	<20	<50	0.16	<1
A74690 (9953681)		<1	1.36	21	30	1.80	1120	6.9	3.01	59.2	556	<20	<50	0.13	<1
A74691 (9953682)		<1	1.42	22	29	1.57	836	4.9	3.22	53.7	676	<20	<50	0.15	<1
A74692 (9953683)		2	0.01	3	1	2.93	61	1.1	0.04	<0.5	83	<20	<50	0.03	<1
A74693 (9953684)		<1	1.22	47	46	2.07	468	3.1	5.92	63.0	376	<20	<50	0.07	<1
A74694 (9953685)		<1	1.00	4	45	14.2	1110	1.3	2.92	1070	43	<20	<50	0.07	<1
A74695 (9953686)		<1	1.16	7	48	12.8	815	0.9	3.45	903	51	<20	<50	0.06	1
A74696 (9953687)		<1	1.31	30	36	1.64	699	4.0	4.44	66.2	444	<20	<50	0.29	<1
A74697 (9953688)		<1	1.68	23	30	1.46	767	6.6	3.24	62.9	614	<20	<50	0.23	<1
A74698 (9953689)		<1	1.68	23	30	1.40	772	7.1	3.24	61.4	596	<20	<50	0.22	<1
A74699 (9953690)		<1	2.44	51	44	8.45	1140	3.0	2.92	392	2180	<20	<50	0.16	<1
A74700 (9953691)		<1	1.56	28	34	1.46	593	4.3	4.05	58.2	547	<20	<50	0.19	<1
A74701 (9953692)		<1	1.27	28	35	1.49	691	5.9	3.67	60.0	421	<20	<50	0.30	3
A74702 (9953693)		<1	1.67	20	35	1.77	650	6.4	2.75	71.4	636	<20	<50	0.13	<1
A74703 (9953694)		<1	1.43	18	29	1.48	583	6.2	2.46	55.9	535	<20	<50	0.20	3
A74704 (9953695)		<1	1.75	21	29	1.43	680	7.0	2.50	57.6	511	<20	<50	0.12	<1
A74705 (9953696)		<1	1.20	17	22	1.06	551	8.4	1.89	49.2	378	<20	<50	0.10	<1
A74706 (9953697)		<1	1.68	23	22	1.50	648	6.9	2.55	62.9	520	<20	<50	0.17	<1
A74707 (9953698)		<1	0.98	24	19	1.68	874	4.3	2.66	52.5	640	<20	<50	0.22	<1
A74708 (9953699)		<1	1.44	19	27	1.69	858	5.4	2.80	57.0	634	<20	<50	0.12	<1
A74709 (9953700)		<1	1.32	19	28	1.63	1020	5.1	2.85	59.8	617	<20	<50	0.13	<1
A74710 (9953701)		<1	1.60	23	27	1.80	909	4.9	2.55	59.2	768	<20	<50	0.12	<1
A74711 (9953702)		<1	4.28	3	5	0.20	79	6.6	2.19	4.6	31	<20	<50	0.03	2
A74712 (9953703)		<1	0.03	2	1	2.62	41	1.5	0.04	1.0	77	<20	<50	0.03	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444950

PROJECT: AGAT00562

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 08, 2019	DATE RECEIVED: Mar 09, 2019					DATE REPORTED: Mar 28, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
A74713 (9953704)	<1	4.93	6	7	0.41	156	6.6	2.37	6.6	208	<20	<50	0.03	<1	
A74714 (9953705)	<1	2.51	96	35	7.21	1530	2.1	1.67	194	3120	<20	<50	0.18	<1	
A74715 (9953706)	<1	1.07	17	35	1.87	1010	5.3	3.63	59.6	603	<20	<50	0.12	2	
A74716 (9953707)	<1	4.06	4	5	0.17	84	5.6	2.58	6.1	65	<20	<50	0.12	1	
A74717 (9953708)	<1	1.43	17	31	2.06	1060	5.7	2.81	63.2	730	<20	<50	0.10	2	
A74718 (9953709)	<1	1.42	19	31	2.03	1050	4.5	2.81	62.4	785	<20	<50	0.10	3	
A74719 (9953710)	<1	1.05	21	21	1.62	909	7.1	3.11	54.6	635	<20	<50	0.12	<1	
A74720 (9953711)	<1	1.44	23	26	1.66	906	4.1	2.75	58.6	720	<20	<50	0.13	<1	
A74721 (9953712)	<1	1.08	25	26	1.96	938	8.1	2.86	73.6	773	<20	<50	0.10	<1	
A74722 (9953713)	<1	0.98	22	23	1.86	889	5.0	2.94	56.6	675	<20	<50	0.08	<1	
A74723 (9953714)	<1	1.41	27	27	1.80	867	6.5	2.71	65.5	692	<20	<50	0.14	2	
A74724 (9953715)	<1	1.44	22	26	1.97	934	4.8	2.72	62.3	754	<20	<50	0.15	<1	
A74725 (9953716)	<1	1.31	21	21	1.55	886	6.1	2.61	50.6	655	<20	<50	0.12	<1	
A74726 (9953717)	<1	0.21	4	12	4.43	1370	<0.5	2.29	87.4	411	<20	<50	0.14	3	
A74727 (9953718)	<1	1.18	21	19	1.78	1010	4.4	3.07	64.6	646	<20	<50	0.13	2	
A74728 (9953719)	<1	1.03	26	26	1.95	854	5.5	3.60	71.3	1020	<20	<50	0.19	<1	
A74729 (9953720)	<1	1.70	62	16	12.1	1390	1.1	0.76	661	2670	<20	<50	0.16	1	
A74730 (9953721)	<1	1.56	70	19	11.5	1410	1.6	0.89	574	2530	<20	<50	0.13	<1	
A74731 (9953722)	<1	1.44	28	32	1.56	1100	4.0	3.21	53.1	669	<20	<50	0.20	3	
A74732 (9953723)	1	0.02	2	<1	2.42	60	2.0	0.05	1.0	86	<20	<50	0.02	<1	
A74733 (9953724)	<1	1.71	19	25	1.87	1070	3.4	2.83	60.0	595	<20	<50	0.09	<1	
A74734 (9953725)	<1	0.87	4	9	0.38	154	7.0	3.70	7.7	25	<20	<50	0.07	<1	
A74735 (9953726)	<1	1.45	23	35	1.94	828	5.0	2.92	81.0	757	<20	<50	0.13	<1	
A74736 (9953727)	<1	1.20	27	18	1.55	1250	8.1	2.72	68.4	639	<20	<50	0.28	<1	
A74737 (9953728)	<1	1.36	25	18	1.61	1250	5.1	2.66	70.5	757	<20	<50	0.32	<1	
A74738 (9953729)	<1	1.31	24	18	1.58	1200	8.1	2.68	65.0	676	<20	<50	0.30	<1	
A74739 (9953730)	<1	1.17	20	24	1.58	781	6.8	2.76	58.4	597	<20	<50	0.12	<1	
A74740 (9953731)	<1	0.88	16	16	2.20	1070	5.2	2.83	65.0	571	<20	<50	0.10	2	
A74741 (9953732)	<1	1.37	18	19	1.74	952	5.8	2.65	57.7	607	<20	<50	0.12	2	
A74742 (9953733)	<1	1.78	17	21	1.80	950	5.8	2.34	61.3	600	<20	<50	0.14	<1	
A74743 (9953734)	<1	1.47	17	24	1.44	776	6.3	2.43	47.9	517	<20	<50	0.14	<1	
A74744 (9953735)	<1	1.31	25	20	1.94	971	5.8	2.84	60.1	755	<20	<50	0.11	2	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444950

PROJECT: AGAT00562

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 08, 2019	DATE RECEIVED: Mar 09, 2019					DATE REPORTED: Mar 28, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
A74745 (9953736)	<1	1.02	20	20	2.19	1120	4.3	2.71	69.6	661	<20	<50	0.13	<1	
A74746 (9953737)	<1	0.21	4	12	4.43	1360	<0.5	2.25	84.4	400	<20	<50	0.14	<1	
A74747 (9953738)	<1	0.97	16	18	1.68	830	8.5	2.50	45.5	517	<20	<50	0.07	<1	
A74748 (9953739)	<1	1.48	19	24	1.68	1090	5.7	2.46	61.3	549	<20	<50	0.13	<1	
A74749 (9953740)	<1	1.84	21	26	2.73	743	5.0	2.21	119	671	<20	<50	0.13	<1	
A74750 (9953741)	<1	1.61	9	19	0.96	354	6.2	2.66	46.3	218	<20	<50	0.12	2	
A74751 (9953742)	<1	1.74	36	23	1.48	500	5.8	2.41	43.2	1090	<20	<50	0.14	2	
A74752 (9953743)	<1	0.01	3	<1	1.85	50	1.5	0.04	<0.5	73	<20	<50	0.03	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 08, 2019	DATE RECEIVED: Mar 09, 2019					DATE REPORTED: Mar 28, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
A74681 (9953672)	14	<10	<5	301	<10	<10	<5	0.37	<5	<50	116	<1	12	65.8	
A74682 (9953673)	17	<10	<5	337	<10	<10	<5	0.41	6	<50	130	<1	14	69.5	
A74683 (9953674)	17	<10	<5	491	<10	<10	<5	0.41	<5	<50	128	<1	15	76.0	
A74684 (9953675)	18	<10	<5	513	<10	<10	<5	0.40	<5	<50	127	<1	16	67.2	
A74685 (9953676)	21	<10	<5	491	<10	<10	<5	0.46	<5	<50	156	<1	16	84.4	
A74686 (9953677)	41	<10	<5	173	<10	19	<5	0.61	<5	<50	269	<1	19	74.7	
A74687 (9953678)	16	<10	<5	473	<10	<10	<5	0.39	<5	<50	115	<1	15	62.0	
A74688 (9953679)	18	<10	<5	431	<10	10	<5	0.41	<5	<50	131	<1	15	73.2	
A74689 (9953680)	19	<10	<5	359	<10	<10	<5	0.39	<5	<50	126	<1	16	68.8	
A74690 (9953681)	19	<10	<5	460	<10	<10	<5	0.44	<5	<50	128	<1	15	77.4	
A74691 (9953682)	16	<10	<5	388	<10	<10	<5	0.36	<5	<50	119	<1	13	65.1	
A74692 (9953683)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	2.8	
A74693 (9953684)	22	<10	<5	364	<10	13	<5	0.52	<5	<50	153	<1	22	45.4	
A74694 (9953685)	10	<10	<5	444	<10	<10	<5	0.37	6	<50	88.4	<1	20	45.5	
A74695 (9953686)	8	<10	<5	381	<10	11	<5	0.41	<5	<50	90.2	<1	19	52.6	
A74696 (9953687)	16	<10	<5	348	<10	<10	<5	0.37	<5	<50	117	<1	16	52.5	
A74697 (9953688)	15	<10	<5	396	<10	<10	<5	0.36	<5	<50	117	<1	13	72.1	
A74698 (9953689)	15	<10	<5	388	<10	<10	<5	0.36	<5	<50	120	<1	13	71.0	
A74699 (9953690)	21	<10	<5	781	<10	41	<5	1.09	<5	<50	217	3	24	64.4	
A74700 (9953691)	18	<10	<5	426	<10	<10	<5	0.28	6	<50	132	<1	12	70.0	
A74701 (9953692)	14	<10	<5	598	<10	<10	<5	0.27	<5	<50	118	<1	13	77.9	
A74702 (9953693)	15	<10	<5	414	<10	<10	<5	0.36	<5	<50	115	<1	13	79.3	
A74703 (9953694)	16	<10	<5	402	<10	11	<5	0.36	<5	<50	112	<1	16	68.0	
A74704 (9953695)	16	<10	<5	353	<10	<10	<5	0.37	<5	<50	113	<1	14	71.0	
A74705 (9953696)	11	<10	<5	249	<10	<10	<5	0.24	<5	<50	76.4	<1	9	51.5	
A74706 (9953697)	17	<10	<5	359	<10	<10	<5	0.37	<5	<50	124	<1	11	67.4	
A74707 (9953698)	16	<10	<5	406	<10	<10	<5	0.38	<5	<50	127	<1	13	69.4	
A74708 (9953699)	18	<10	<5	397	<10	<10	<5	0.41	<5	<50	128	<1	14	71.5	
A74709 (9953700)	19	<10	<5	369	<10	<10	<5	0.40	<5	<50	130	<1	14	73.4	
A74710 (9953701)	20	<10	<5	357	<10	<10	<5	0.42	<5	<50	136	<1	15	80.9	
A74711 (9953702)	1	<10	<5	326	<10	<10	<5	0.06	<5	<50	11.3	<1	1	24.4	
A74712 (9953703)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	3.4	

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## Certificate of Analysis

AGAT WORK ORDER: 19T444950

PROJECT: AGAT00562

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 08, 2019	DATE RECEIVED: Mar 09, 2019					DATE REPORTED: Mar 28, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
A74713 (9953704)	3	<10	<5	357	<10	<10	<5	0.12	<5	<50	28.4	<1	8	44.1	
A74714 (9953705)	22	<10	5	1070	<10	<10	<5	1.83	<5	<50	275	2	33	81.6	
A74715 (9953706)	19	<10	<5	405	<10	<10	<5	0.40	<5	<50	137	<1	17	80.9	
A74716 (9953707)	1	<10	<5	342	<10	<10	<5	0.05	8	<50	11.1	<1	2	14.8	
A74717 (9953708)	21	<10	<5	424	<10	<10	<5	0.45	<5	<50	144	<1	15	84.1	
A74718 (9953709)	21	<10	<5	431	<10	<10	<5	0.45	<5	<50	145	<1	16	83.2	
A74719 (9953710)	17	<10	<5	532	<10	14	<5	0.40	6	<50	128	<1	14	70.6	
A74720 (9953711)	17	<10	<5	401	<10	13	<5	0.42	<5	<50	124	<1	15	80.6	
A74721 (9953712)	19	<10	<5	534	<10	<10	<5	0.43	<5	<50	139	<1	16	75.3	
A74722 (9953713)	18	<10	<5	589	<10	<10	<5	0.40	<5	<50	129	<1	14	72.6	
A74723 (9953714)	17	<10	<5	378	<10	<10	<5	0.34	<5	<50	123	<1	14	71.3	
A74724 (9953715)	20	<10	<5	363	<10	12	<5	0.43	<5	<50	148	<1	16	76.9	
A74725 (9953716)	16	<10	<5	363	<10	10	<5	0.38	<5	<50	120	<1	14	69.0	
A74726 (9953717)	45	<10	<5	113	<10	<10	<5	0.72	<5	<50	307	<1	22	78.6	
A74727 (9953718)	18	<10	<5	497	<10	<10	<5	0.42	<5	<50	132	<1	15	77.0	
A74728 (9953719)	16	<10	<5	572	<10	11	<5	0.40	6	<50	123	<1	24	72.3	
A74729 (9953720)	22	<10	<5	646	<10	86	<5	2.01	<5	<50	214	<1	24	95.4	
A74730 (9953721)	26	<10	5	716	<10	90	<5	2.07	<5	<50	218	<1	24	91.1	
A74731 (9953722)	16	<10	<5	413	<10	<10	<5	0.36	6	<50	116	<1	16	70.4	
A74732 (9953723)	<1	<10	<5	68	<10	<10	<5	<0.01	7	<50	1.3	<1	2	2.8	
A74733 (9953724)	19	<10	<5	406	<10	<10	<5	0.41	<5	<50	131	<1	16	86.1	
A74734 (9953725)	2	<10	<5	357	<10	<10	<5	0.13	<5	<50	22.7	<1	1	44.5	
A74735 (9953726)	18	<10	<5	434	<10	<10	<5	0.37	<5	<50	128	<1	15	75.3	
A74736 (9953727)	16	<10	<5	496	<10	<10	<5	0.39	<5	<50	125	<1	14	86.2	
A74737 (9953728)	18	<10	<5	466	<10	<10	<5	0.38	<5	<50	127	<1	16	75.7	
A74738 (9953729)	18	<10	<5	473	<10	<10	<5	0.36	<5	<50	123	<1	15	77.2	
A74739 (9953730)	17	<10	<5	421	<10	<10	<5	0.37	<5	<50	123	<1	14	66.5	
A74740 (9953731)	23	<10	<5	387	<10	<10	<5	0.45	<5	<50	160	<1	17	77.9	
A74741 (9953732)	19	<10	<5	395	<10	<10	<5	0.41	<5	<50	137	<1	16	70.1	
A74742 (9953733)	21	<10	<5	379	<10	<10	<5	0.38	<5	<50	139	1	15	69.9	
A74743 (9953734)	15	<10	<5	327	<10	<10	<5	0.36	<5	<50	111	<1	13	80.8	
A74744 (9953735)	18	<10	<5	388	<10	10	<5	0.41	<5	<50	128	<1	16	76.7	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T444950

PROJECT: AGAT00562

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 08, 2019	DATE RECEIVED: Mar 09, 2019					DATE REPORTED: Mar 28, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
A74745 (9953736)	22	<10	<5	444	<10	<10	<5	0.48	<5	<50	157	<1	16	80.2	
A74746 (9953737)	44	<10	<5	111	<10	<10	<5	0.71	<5	<50	300	<1	22	79.2	
A74747 (9953738)	15	<10	<5	443	<10	<10	<5	0.37	<5	<50	112	<1	12	65.0	
A74748 (9953739)	16	<10	<5	419	<10	<10	<5	0.39	<5	<50	115	<1	14	83.9	
A74749 (9953740)	12	<10	<5	394	<10	16	<5	0.61	<5	<50	117	<1	9	114	
A74750 (9953741)	6	<10	<5	273	<10	<10	<5	0.31	<5	<50	81.0	<1	3	108	
A74751 (9953742)	9	<10	<5	385	<10	<10	<5	0.40	5	<50	91.4	<1	11	102	
A74752 (9953743)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	3.2	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 08, 2019      DATE RECEIVED: Mar 09, 2019      DATE REPORTED: Mar 28, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
A74681 (9953672)				91
A74682 (9953673)				98
A74683 (9953674)				104
A74684 (9953675)				103
A74685 (9953676)				93
A74686 (9953677)				46
A74687 (9953678)				102
A74688 (9953679)				105
A74689 (9953680)				99
A74690 (9953681)				117
A74691 (9953682)				112
A74692 (9953683)				<5
A74693 (9953684)				224
A74694 (9953685)				93
A74695 (9953686)				94
A74696 (9953687)				130
A74697 (9953688)				95
A74698 (9953689)				103
A74699 (9953690)				219
A74700 (9953691)				95
A74701 (9953692)				104
A74702 (9953693)				105
A74703 (9953694)				86
A74704 (9953695)				91
A74705 (9953696)				68
A74706 (9953697)				85
A74707 (9953698)				102
A74708 (9953699)				102
A74709 (9953700)				99
A74710 (9953701)				106
A74711 (9953702)				37
A74712 (9953703)				<5

Certified By:



## Certificate of Analysis

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PROJECT: AGAT00562

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 08, 2019      DATE RECEIVED: Mar 09, 2019      DATE REPORTED: Mar 28, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
A74713 (9953704)			56
A74714 (9953705)			201
A74715 (9953706)			177
A74716 (9953707)			55
A74717 (9953708)			91
A74718 (9953709)			99
A74719 (9953710)			106
A74720 (9953711)			120
A74721 (9953712)			103
A74722 (9953713)			102
A74723 (9953714)			94
A74724 (9953715)			99
A74725 (9953716)			79
A74726 (9953717)			52
A74727 (9953718)			106
A74728 (9953719)			128
A74729 (9953720)			246
A74730 (9953721)			260
A74731 (9953722)			125
A74732 (9953723)			<5
A74733 (9953724)			102
A74734 (9953725)			36
A74735 (9953726)			109
A74736 (9953727)			111
A74737 (9953728)			105
A74738 (9953729)			107
A74739 (9953730)			98
A74740 (9953731)			87
A74741 (9953732)			108
A74742 (9953733)			91
A74743 (9953734)			125
A74744 (9953735)			117

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# Certificate of Analysis

AGAT WORK ORDER: 19T444950

PROJECT: AGAT00562

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 08, 2019

DATE RECEIVED: Mar 09, 2019

DATE REPORTED: Mar 28, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
A74745 (9953736)	102
A74746 (9953737)	53
A74747 (9953738)	93
A74748 (9953739)	92
A74749 (9953740)	115
A74750 (9953741)	74
A74751 (9953742)	139
A74752 (9953743)	<5

Comments: RDL - Reported Detection Limit

9953672-9953743 As, Sb values may be low due to digestion losses.

Certified By:





## Certificate of Analysis

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PROJECT: AGAT00562

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 08, 2019      DATE RECEIVED: Mar 09, 2019      DATE REPORTED: Mar 28, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
A74681 (9953672)			0.026
A74682 (9953673)			0.026
A74683 (9953674)			0.039
A74684 (9953675)			0.029
A74685 (9953676)			0.044
A74686 (9953677)			1.20
A74687 (9953678)			0.077
A74688 (9953679)			0.060
A74689 (9953680)			0.045
A74690 (9953681)			0.033
A74691 (9953682)			0.034
A74692 (9953683)			<0.001
A74693 (9953684)			0.067
A74694 (9953685)			0.002
A74695 (9953686)			0.003
A74696 (9953687)			0.055
A74697 (9953688)			0.035
A74698 (9953689)			0.047
A74699 (9953690)			0.005
A74700 (9953691)			0.016
A74701 (9953692)			0.014
A74702 (9953693)			0.023
A74703 (9953694)			0.016
A74704 (9953695)			0.008
A74705 (9953696)			0.006
A74706 (9953697)			0.014
A74707 (9953698)			0.027
A74708 (9953699)			0.019
A74709 (9953700)			0.015
A74710 (9953701)			0.021
A74711 (9953702)			0.010
A74712 (9953703)			<0.001

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444950

PROJECT: AGAT00562

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 08, 2019      DATE RECEIVED: Mar 09, 2019      DATE REPORTED: Mar 28, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au	ppm	0.001	
A74713 (9953704)				0.004
A74714 (9953705)				0.004
A74715 (9953706)				0.010
A74716 (9953707)				0.008
A74717 (9953708)				0.011
A74718 (9953709)				0.047
A74719 (9953710)				0.036
A74720 (9953711)				0.011
A74721 (9953712)				0.013
A74722 (9953713)				0.011
A74723 (9953714)				0.049
A74724 (9953715)				0.015
A74725 (9953716)				0.013
A74726 (9953717)				0.528
A74727 (9953718)				0.017
A74728 (9953719)				0.023
A74729 (9953720)				0.006
A74730 (9953721)				0.005
A74731 (9953722)				0.016
A74732 (9953723)				0.002
A74733 (9953724)				0.006
A74734 (9953725)				0.124
A74735 (9953726)				0.007
A74736 (9953727)				0.033
A74737 (9953728)				0.034
A74738 (9953729)				0.043
A74739 (9953730)				0.023
A74740 (9953731)				0.013
A74741 (9953732)				0.037
A74742 (9953733)				0.018
A74743 (9953734)				0.024
A74744 (9953735)				0.017

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444950

PROJECT: AGAT00562

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 08, 2019	DATE RECEIVED: Mar 09, 2019	DATE REPORTED: Mar 28, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au	ppm	0.001	
A74745 (9953736)				0.040
A74746 (9953737)				0.517
A74747 (9953738)				0.055
A74748 (9953739)				0.021
A74749 (9953740)				0.009
A74750 (9953741)				0.007
A74751 (9953742)				0.009
A74752 (9953743)				<0.001

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444950

PROJECT: AGAT00562

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 08, 2019

DATE RECEIVED: Mar 09, 2019

DATE REPORTED: Mar 28, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
A74681 (9953672)		90
A74682 (9953673)		81
A74710 (9953701)		93
A74715 (9953706)		86
A74717 (9953708)		84
A74720 (9953711)		83
A74740 (9953731)		84

Comments: RDL - Reported Detection Limit

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	9953672	< 0.5	< 0.5	0.0%	9953686	< 0.5	< 0.5	0.0%	9953698	< 0.5	< 0.5	0.0%	9953711	< 0.5	< 0.5	0.0%
Al	9953672	7.16	7.37	2.9%	9953686	1.24	1.26	1.6%	9953698	7.13	7.41	3.9%	9953711	7.55	7.61	0.8%
As	9953672	< 1	< 1	0.0%	9953686	< 1	2		9953698	< 1	< 1	0.0%	9953711	< 1	2	
Ba	9953672	574	587	2.2%	9953686	175	171	2.3%	9953698	381	378	0.8%	9953711	713	717	0.6%
Be	9953672	1.4	1.4	0.0%	9953686	5.5	5.8	5.3%	9953698	1.5	1.5	0.0%	9953711	1.72	1.98	14.1%
Bi	9953672	< 1	< 1	0.0%	9953686	< 1	< 1	0.0%	9953698	< 1	< 1	0.0%	9953711	< 1	< 1	0.0%
Ca	9953672	3.01	3.05	1.3%	9953686	3.89	3.91	0.5%	9953698	3.39	3.50	3.2%	9953711	2.50	2.52	0.8%
Cd	9953672	< 0.5	< 0.5	0.0%	9953686	< 0.5	< 0.5	0.0%	9953698	< 0.5	< 0.5	0.0%	9953711	< 0.5	< 0.5	0.0%
Ce	9953672	43	43	0.0%	9953686	10	10	0.0%	9953698	48	47	2.1%	9953711	51	52	1.9%
Co	9953672	18.4	18.9	2.7%	9953686	60.3	64.9	7.3%	9953698	19.9	19.2	3.6%	9953711	19.5	20.3	4.0%
Cr	9953672	125	101	21.2%	9953686	741	743	0.3%	9953698	118	118	0.0%	9953711	108	116	7.1%
Cu	9953672	41.3	43.6	5.4%	9953686	19.9	21.5	7.7%	9953698	62.5	60.6	3.1%	9953711	50.0	53.2	6.2%
Fe	9953672	4.50	4.69	4.1%	9953686	5.06	5.07	0.2%	9953698	4.79	4.97	3.7%	9953711	4.83	4.87	0.8%
Ga	9953672	18.0	18.0	0.0%	9953686	15.0	16.0	6.5%	9953698	19.0	19.0	0.0%	9953711	19.0	19.0	0.0%
In	9953672	< 1	< 1	0.0%	9953686	< 1	< 1	0.0%	9953698	< 1	< 1	0.0%	9953711	< 1	< 1	0.0%
K	9953672	1.13	1.18	4.3%	9953686	1.16	1.17	0.9%	9953698	0.983	0.999	1.6%	9953711	1.44	1.45	0.7%
La	9953672	21	21	0.0%	9953686	7	7	0.0%	9953698	24	24	0.0%	9953711	23	25	8.3%
Li	9953672	30	31	3.3%	9953686	48	48	0.0%	9953698	19	19	0.0%	9953711	26	27	3.8%
Mg	9953672	1.55	1.65	6.3%	9953686	12.8	12.7	0.8%	9953698	1.68	1.76	4.7%	9953711	1.66	1.68	1.2%
Mn	9953672	799	845	5.6%	9953686	815	813	0.2%	9953698	874	931	6.3%	9953711	906	916	1.1%
Mo	9953672	6.9	6.9	0.0%	9953686	0.89	0.75	17.1%	9953698	4.29	5.68	27.9%	9953711	4.07	4.96	19.7%
Na	9953672	2.52	2.53	0.4%	9953686	3.45	3.48	0.9%	9953698	2.66	2.73	2.6%	9953711	2.75	2.83	2.9%
Ni	9953672	59.6	57.8	3.1%	9953686	903	973	7.5%	9953698	52.5	53.7	2.3%	9953711	58.6	61.9	5.5%
P	9953672	615	652	5.8%	9953686	51	52	1.9%	9953698	640	615	4.0%	9953711	720	767	6.3%
Pb	9953672	< 20	< 20	0.0%	9953686	< 20	< 20	0.0%	9953698	< 20	< 20	0.0%	9953711	< 20	< 20	0.0%
Rb	9953672	< 50	< 50	0.0%	9953686	< 50	< 50	0.0%	9953698	< 50	< 50	0.0%	9953711	< 50	< 50	0.0%
S	9953672	0.12	0.12	0.0%	9953686	0.060	0.068	12.5%	9953698	0.22	0.21	4.7%	9953711	0.125	0.123	1.6%
Sb	9953672	< 1	< 1	0.0%	9953686	1	< 1		9953698	< 1	< 1	0.0%	9953711	< 1	< 1	0.0%
Sc	9953672	14	15	6.9%	9953686	8	9	11.8%	9953698	16	16	0.0%	9953711	17	18	5.7%
Se	9953672	< 10	< 10	0.0%	9953686	< 10	< 10	0.0%	9953698	< 10	< 10	0.0%	9953711	< 10	< 10	0.0%
Sn	9953672	< 5	< 5	0.0%	9953686	< 5	< 5	0.0%	9953698	< 5	< 5	0.0%	9953711	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	9953672	301	300	0.3%	9953686	381	383	0.5%	9953698	406	402	1.0%	9953711	401	413	2.9%
Ta	9953672	< 10	< 10	0.0%	9953686	< 10	< 10	0.0%	9953698	< 10	< 10	0.0%	9953711	< 10	< 10	0.0%
Te	9953672	< 10	< 10	0.0%	9953686	11	12	8.7%	9953698	< 10	< 10	0.0%	9953711	13	10	26.1%
Th	9953672	< 5	< 5	0.0%	9953686	< 5	< 5	0.0%	9953698	< 5	< 5	0.0%	9953711	< 5	< 5	0.0%
Ti	9953672	0.37	0.39	5.3%	9953686	0.41	0.41	0.0%	9953698	0.379	0.398	4.9%	9953711	0.42	0.42	0.0%
Tl	9953672	< 5	< 5	0.0%	9953686	< 5	< 5	0.0%	9953698	< 5	< 5	0.0%	9953711	< 5	< 5	0.0%
U	9953672	< 50	< 50	0.0%	9953686	< 50	< 50	0.0%	9953698	< 50	< 50	0.0%	9953711	< 50	< 50	0.0%
V	9953672	116	114	1.7%	9953686	90.2	94.8	5.0%	9953698	127	123	3.2%	9953711	124	127	2.4%
W	9953672	< 1	< 1	0.0%	9953686	< 1	< 1	0.0%	9953698	< 1	< 1	0.0%	9953711	< 1	< 1	0.0%
Y	9953672	12	13	8.0%	9953686	19	20	5.1%	9953698	13	13	0.0%	9953711	15	16	6.5%
Zn	9953672	65.8	70.1	6.3%	9953686	52.6	51.5	2.1%	9953698	69.4	68.7	1.0%	9953711	80.6	82.0	1.7%
Zr	9953672	91	95	4.3%	9953686	94	98	4.2%	9953698	102	104	1.9%	9953711	120	112	6.9%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	9953722	< 0.5	< 0.5	0.0%	9953736	< 0.5	< 0.5	0.0%								
Al	9953722	7.58	7.58	0.0%	9953736	7.89	7.54	4.5%								
As	9953722	3	< 1		9953736	4	2	66.7%								
Ba	9953722	581	595	2.4%	9953736	407	395	3.0%								
Be	9953722	3.3	3.4	3.0%	9953736	1.52	1.72	12.3%								
Bi	9953722	< 1	< 1	0.0%	9953736	< 1	< 1	0.0%								
Ca	9953722	2.77	2.85	2.8%	9953736	3.81	3.65	4.3%								
Cd	9953722	< 0.5	< 0.5	0.0%	9953736	< 0.5	< 0.5	0.0%								
Ce	9953722	55	48	13.6%	9953736	42	42	0.0%								
Co	9953722	18.6	18.2	2.2%	9953736	23.5	23.3	0.9%								
Cr	9953722	103	108	4.7%	9953736	152	140	8.2%								
Cu	9953722	64.3	60.3	6.4%	9953736	55.4	53.4	3.7%								
Fe	9953722	4.73	4.80	1.5%	9953736	6.02	5.73	4.9%								
Ga	9953722	20.0	20.0	0.0%	9953736	20.0	19.0	5.1%								
In	9953722	< 1	< 1	0.0%	9953736	< 1	< 1	0.0%								
K	9953722	1.44	1.47	2.1%	9953736	1.02	0.98	4.0%								
La	9953722	28	24	15.4%	9953736	20	20	0.0%								
Li	9953722	32	30	6.5%	9953736	20	19	5.1%								
Mg	9953722	1.56	1.57	0.6%	9953736	2.19	2.10	4.2%								
Mn	9953722	1100	1110	0.9%	9953736	1120	1060	5.5%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	9953722	4.0	4.6	14.0%	9953736	4.26	3.79	11.7%								
Na	9953722	3.21	3.22	0.3%	9953736	2.71	2.60	4.1%								
Ni	9953722	53.1	55.4	4.2%	9953736	69.6	69.6	0.0%								
P	9953722	669	672	0.4%	9953736	661	661	0.0%								
Pb	9953722	< 20	< 20	0.0%	9953736	< 20	< 20	0.0%								
Rb	9953722	< 50	< 50	0.0%	9953736	< 50	< 50	0.0%								
S	9953722	0.198	0.190	4.1%	9953736	0.13	0.13	0.0%								
Sb	9953722	3	< 1		9953736	< 1	< 1	0.0%								
Sc	9953722	16	16	0.0%	9953736	22	22	0.0%								
Se	9953722	< 10	< 10	0.0%	9953736	< 10	< 10	0.0%								
Sn	9953722	< 5	< 5	0.0%	9953736	< 5	< 5	0.0%								
Sr	9953722	413	417	1.0%	9953736	444	429	3.4%								
Ta	9953722	< 10	< 10	0.0%	9953736	< 10	< 10	0.0%								
Te	9953722	< 10	< 10	0.0%	9953736	9	11	20.0%								
Th	9953722	< 5	< 5	0.0%	9953736	< 5	< 5	0.0%								
Ti	9953722	0.362	0.369	1.9%	9953736	0.475	0.456	4.1%								
Tl	9953722	6	< 5		9953736	< 5	< 5	0.0%								
U	9953722	< 50	< 50	0.0%	9953736	< 50	< 50	0.0%								
V	9953722	116	118	1.7%	9953736	157	159	1.3%								
W	9953722	< 1	< 1	0.0%	9953736	< 1	< 1	0.0%								
Y	9953722	16	16	0.0%	9953736	16	16	0.0%								
Zn	9953722	70.4	75.3	6.7%	9953736	80.2	77.1	3.9%								
Zr	9953722	125	109	13.7%	9953736	102	109	6.6%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	9953672	0.026	0.038		9953686	0.003	0.003	0.0%	9953698	0.0273	0.0280	2.5%	9953711	0.0114	0.0123	7.6%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	9953722	0.0156	0.0134	15.2%	9953736	0.040	0.029									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

**(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish**

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.94	100%	90% - 110%	8.17	8.04	98%	90% - 110%	6.96	6.98	100%	90% - 110%	10.95	10.27	94%	90% - 110%
As					26	24	92%	90% - 110%	124	126	101%	90% - 110%				
Ba	340	332	98%	90% - 110%	540	494	91%	90% - 110%	186	185	99%	90% - 110%	340	325	96%	90% - 110%
Be	2.6	2.8	107%	90% - 110%	4.0	4.1	102%	90% - 110%					2.6	2.8	109%	90% - 110%
Ca	5.72	5.44	95%	90% - 110%	0.907	0.844	93%	90% - 110%	4.01	3.76	94%	90% - 110%	5.72	5.24	92%	90% - 110%
Ce	122	117	96%	90% - 110%	98	94	96%	90% - 110%	24	22	92%	90% - 110%	122	117	96%	90% - 110%
Co									22.1	20.8	94%	90% - 110%				
Cr					60.3	54.7	91%	90% - 110%								
Cu	7	5	72%	90% - 110%	150	147	98%	90% - 110%	88.6	83.5	94%	90% - 110%				
Fe	4.34	4.26	98%	90% - 110%	3.77	3.69	98%	90% - 110%	7.56	7.61	101%	90% - 110%	4.34	4	92%	90% - 110%
Ga	35	38	108%	90% - 110%									35	35	100%	90% - 110%
K	1.37	1.44	105%	90% - 110%					2.021	2.054	102%	90% - 110%	1.37	1.36	99%	90% - 110%
La	58	52.8	91%	90% - 110%	44	42.0	96%	90% - 110%					58	56.1	97%	90% - 110%
Li	37	40	107%	90% - 110%	47	46	98%	90% - 110%					37	36	98%	90% - 110%
Mg	0.325	0.312	96%	90% - 110%	1.10	1.09	99%	90% - 110%	2.412	2.52	104%	90% - 110%	0.325	0.296	91%	90% - 110%
Mn					780	727	93%	90% - 110%	1510	1460	97%	90% - 110%				
Mo					14	13	96%	90% - 110%								
Na	5.267	5.327	101%	90% - 110%	1.624	1.613	99%	90% - 110%	0.617	0.62	100%	90% - 110%	5.267	5.063	96%	90% - 110%
Ni					32	33	102%	90% - 110%	77.1	72.7	94%	90% - 110%				
P					750	724	97%	90% - 110%	892	912	102%	90% - 110%				
Pb	10	9	95%	90% - 110%	31	32	103%	90% - 110%					10	8	76%	90% - 110%
S									0.348	0.321	92%	90% - 110%				
Sc					12	12	99%	90% - 110%								
Sr	1191	1165	98%	90% - 110%	144	142	99%	90% - 110%	92.8	87	94%	90% - 110%	1191	1120	94%	90% - 110%
Ti	0.172	0.175	102%	90% - 110%	0.53	0.48	90%	90% - 110%					0.172	0.164	96%	90% - 110%
V					77	75	98%	90% - 110%								
Y	119	119	100%	90% - 110%									119	121	101%	90% - 110%
Zn	93	94	101%	90% - 110%	130	119	92%	90% - 110%	208	208	100%	90% - 110%	93	85	92%	90% - 110%

**(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)**

Parameter	CRM #1 (ref.GS6E)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS5W)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits



**AGAT** Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 19T444950

PROJECT: AGAT00562

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Au	6.06	5.73	95%	90% - 110%	0.725	0.728	100%	90% - 110%	5.27	5.25	100%	90% - 110%	0.562	0.544	97%	90% - 110%
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## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19T444950

PROJECT: AGAT00562

ATTENTION TO: Stephen Brooking

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00563

AGAT WORK ORDER: 19T444951

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Mar 29, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T444951

PROJECT: AGAT00563

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 08, 2019      DATE RECEIVED: Mar 09, 2019      DATE REPORTED: Mar 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg
C69289 (9953744)		1.17
C69290 (9953745)		3.13
C69291 (9953746)		1.18
C69292 (9953747)		1.25
C69293 (9953748)		3.09
C69294 (9953749)		3.38
C69295 (9953750)		3.44
C69296 (9953751)		1.93
C69297 (9953752)		2.02
C69298 (9953753)		2.02
C69299 (9953754)		2.33
C69300 (9953755)		2.43
C69301 (9953756)		2.09
C69302 (9953757)		2.12
C69303 (9953758)		2.64
C69304 (9953759)		2.44
C69305 (9953760)		1.23
C69306 (9953761)		0.0700
C69307 (9953762)		3.36
C69308 (9953763)		3.14
C69309 (9953764)		1.85
C69310 (9953765)		1.88
C69311 (9953766)		2.42
C69312 (9953767)		1.80
C69313 (9953768)		3.32
C69314 (9953769)		1.90
C69315 (9953770)		0.980
C69316 (9953771)		3.62
C69317 (9953772)		1.52
C69318 (9953773)		1.52
C69319 (9953774)		1.73

Certified By:





## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 08, 2019      DATE RECEIVED: Mar 09, 2019      DATE REPORTED: Mar 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg
C69320 (9953775)		3.11
C69321 (9953776)		2.87
C69322 (9953777)		1.98
C69323 (9953778)		1.10
C69324 (9953779)		2.63
C69325 (9953780)		2.12
C69326 (9953781)		0.0700
C69327 (9953782)		1.09
C69328 (9953783)		0.870
C69329 (9953784)		1.69
C69330 (9953785)		1.86
C69331 (9953786)		2.15
C69332 (9953787)		1.61
C69333 (9953788)		2.66
C69334 (9953789)		2.96
C69335 (9953790)		1.73
C69336 (9953791)		3.08
C69337 (9953792)		2.99
C69338 (9953793)		2.99
C69339 (9953794)		0.870
C69340 (9953795)		1.00
C69341 (9953796)		1.22
C69342 (9953797)		1.11
C69343 (9953798)		0.870
C69344 (9953799)		0.960
C69345 (9953800)		0.730
C69346 (9953801)		0.0700
C69347 (9953802)		0.950
C69348 (9953803)		1.71
C69349 (9953804)		1.19
C69350 (9953805)		1.94

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# Certificate of Analysis

AGAT WORK ORDER: 19T444951

PROJECT: AGAT00563

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (200-) Sample Login Weight

DATE SAMPLED: Mar 08, 2019

DATE RECEIVED: Mar 09, 2019

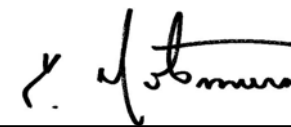
DATE REPORTED: Mar 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	
C69351 (9953806)		2.06
C69352 (9953807)		0.860
C69353 (9953808)		1.56
C69354 (9953809)		0.930
C69355 (9953810)		1.25
C69356 (9953811)		1.78
C69357 (9953812)		1.28
C69358 (9953813)		1.28
C69359 (9953814)		1.05
C69360 (9953815)		1.17

Comments: RDL - Reported Detection Limit

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T444951

PROJECT: AGAT00563

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 08, 2019	DATE RECEIVED: Mar 09, 2019							DATE REPORTED: Mar 29, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C69289 (9953744)	<0.5	8.05	<1	518	0.5	<1	4.90	<0.5	24	32.6	194	7.2	6.42	18	
C69290 (9953745)	<0.5	7.67	<1	264	1.1	3	5.19	<0.5	21	26.8	174	23.6	5.99	20	
C69291 (9953746)	<0.5	8.36	<1	282	2.0	1	3.86	<0.5	24	19.4	102	89.5	4.13	21	
C69292 (9953747)	<0.5	0.07	2	14	<0.5	<1	30.3	<0.5	<1	0.6	<0.5	<0.5	0.12	<5	
C69293 (9953748)	<0.5	8.23	<1	200	<0.5	4	5.86	<0.5	23	29.7	189	22.0	6.61	19	
C69294 (9953749)	<0.5	8.31	<1	210	3.8	3	5.38	<0.5	19	27.2	142	66.9	5.84	20	
C69295 (9953750)	<0.5	8.25	<1	177	1.3	4	5.49	<0.5	20	30.9	229	52.8	5.97	20	
C69296 (9953751)	<0.5	8.39	<1	280	<0.5	<1	4.62	<0.5	27	24.0	77.9	88.0	5.29	18	
C69297 (9953752)	<0.5	7.31	<1	357	<0.5	2	6.10	<0.5	37	28.4	300	30.7	6.15	18	
C69298 (9953753)	<0.5	7.36	<1	320	0.8	3	6.07	<0.5	35	27.7	328	27.9	6.16	18	
C69299 (9953754)	<0.5	8.81	<1	279	1.3	2	5.04	<0.5	32	23.2	143	13.9	5.73	20	
C69300 (9953755)	<0.5	8.54	<1	301	1.0	<1	3.42	<0.5	21	13.2	147	33.6	4.27	19	
C69301 (9953756)	<0.5	8.44	<1	191	0.5	2	5.33	<0.5	37	26.0	263	82.3	6.69	21	
C69302 (9953757)	<0.5	8.91	<1	171	0.6	<1	5.84	<0.5	20	23.9	159	23.4	5.91	20	
C69303 (9953758)	<0.5	8.16	<1	208	<0.5	4	4.82	<0.5	34	19.9	120	109	5.75	19	
C69304 (9953759)	<0.5	8.15	<1	189	<0.5	1	5.10	<0.5	25	26.4	228	62.1	6.47	20	
C69305 (9953760)	<0.5	8.95	<1	151	<0.5	1	6.05	<0.5	27	20.0	146	42.5	5.81	21	
C69306 (9953761)	4.2	3.65	15	197	0.6	<1	9.90	0.6	16	6.5	14.2	69.6	1.79	8	
C69307 (9953762)	<0.5	8.96	<1	159	0.6	2	5.88	<0.5	25	22.4	118	34.4	5.84	20	
C69308 (9953763)	<0.5	8.74	<1	209	<0.5	4	5.09	<0.5	25	22.2	129	54.1	6.04	20	
C69309 (9953764)	<0.5	8.93	<1	229	<0.5	<1	4.45	<0.5	24	22.1	173	44.4	5.34	19	
C69310 (9953765)	<0.5	8.14	<1	185	<0.5	<1	4.97	<0.5	22	22.7	165	25.1	5.52	18	
C69311 (9953766)	<0.5	7.85	<1	168	<0.5	<1	5.09	<0.5	19	20.7	161	16.1	4.98	16	
C69312 (9953767)	<0.5	0.08	2	15	<0.5	<1	31.3	<0.5	<1	<0.5	0.8	<0.5	0.12	<5	
C69313 (9953768)	<0.5	8.68	<1	204	<0.5	<1	5.21	<0.5	22	24.1	149	31.3	5.44	19	
C69314 (9953769)	<0.5	7.89	<1	170	<0.5	2	5.01	<0.5	12	38.8	142	117	9.14	27	
C69315 (9953770)	<0.5	8.48	<1	306	<0.5	2	4.54	<0.5	24	20.1	163	53.0	4.98	17	
C69316 (9953771)	<0.5	8.01	<1	268	0.9	<1	5.11	<0.5	28	17.6	150	19.4	4.72	17	
C69317 (9953772)	<0.5	7.41	<1	286	0.8	<1	3.99	<0.5	32	12.9	116	54.5	3.78	14	
C69318 (9953773)	<0.5	7.22	<1	282	0.8	<1	3.79	<0.5	31	12.9	137	55.7	3.68	14	
C69319 (9953774)	<0.5	7.83	<1	314	1.0	<1	6.20	<0.5	18	21.2	188	20.8	4.52	17	
C69320 (9953775)	<0.5	9.14	<1	227	<0.5	1	5.39	<0.5	26	23.8	214	24.7	5.54	20	

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T444951

PROJECT: AGAT00563

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 08, 2019	DATE RECEIVED: Mar 09, 2019						DATE REPORTED: Mar 29, 2019					SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C69321 (9953776)	<0.5	6.73	<1	190	0.7	<1	4.19	<0.5	26	13.0	146	29.6	4.05	15	
C69322 (9953777)	<0.5	8.81	<1	220	<0.5	1	5.12	<0.5	25	22.5	176	38.9	5.65	20	
C69323 (9953778)	<0.5	8.37	<1	177	<0.5	3	5.28	<0.5	20	26.7	166	40.8	6.67	21	
C69324 (9953779)	<0.5	8.59	<1	218	<0.5	<1	3.98	<0.5	33	17.0	129	6.5	4.58	19	
C69325 (9953780)	<0.5	7.98	<1	261	0.7	2	3.32	<0.5	38	12.1	135	53.0	4.33	18	
C69326 (9953781)	<0.5	7.63	<1	82	<0.5	4	7.40	<0.5	4	39.4	215	158	7.29	20	
C69327 (9953782)	<0.5	7.77	<1	290	<0.5	4	4.84	0.6	18	27.0	91.4	62.0	8.54	25	
C69328 (9953783)	<0.5	8.47	<1	5620	<0.5	<1	1.42	<0.5	7	3.9	77.9	55.4	2.41	15	
C69329 (9953784)	0.7	8.13	<1	608	0.8	<1	2.74	0.9	45	7.3	89.6	50.7	2.98	17	
C69330 (9953785)	<0.5	7.60	<1	281	0.8	<1	3.09	0.9	45	9.9	114	30.2	3.64	18	
C69331 (9953786)	<0.5	7.33	<1	321	<0.5	3	6.11	<0.5	36	41.3	124	86.9	9.72	25	
C69332 (9953787)	<0.5	0.07	1	18	<0.5	<1	32.2	<0.5	<1	<0.5	<0.5	<0.5	0.11	<5	
C69333 (9953788)	<0.5	7.60	2	289	1.0	1	2.71	<0.5	58	4.3	94.4	38.4	2.05	15	
C69334 (9953789)	<0.5	7.92	2	331	1.0	<1	3.02	<0.5	57	3.9	95.8	18.1	1.50	14	
C69335 (9953790)	<0.5	7.38	2	544	1.5	<1	2.59	<0.5	46	5.9	77.2	26.9	2.07	14	
C69336 (9953791)	<0.5	7.84	<1	538	0.8	<1	2.75	<0.5	53	5.6	122	8.4	2.29	15	
C69337 (9953792)	<0.5	7.27	<1	385	0.7	<1	2.53	<0.5	59	4.4	105	30.6	2.17	14	
C69338 (9953793)	<0.5	7.47	<1	389	0.8	<1	2.56	<0.5	55	4.8	98.5	29.4	2.20	15	
C69339 (9953794)	<0.5	7.59	<1	365	<0.5	2	3.80	<0.5	24	25.3	123	100	6.96	21	
C69340 (9953795)	<0.5	7.61	<1	312	<0.5	<1	3.57	<0.5	45	9.7	108	28.6	3.51	16	
C69341 (9953796)	<0.5	6.85	<1	444	1.9	1	4.08	0.6	29	35.0	134	126	5.93	18	
C69342 (9953797)	<0.5	3.20	<1	803	0.7	1	6.49	<0.5	107	55.8	765	89.7	7.78	20	
C69343 (9953798)	<0.5	7.35	<1	400	1.0	<1	2.43	<0.5	51	5.2	83.4	40.1	2.12	14	
C69344 (9953799)	<0.5	6.08	<1	495	0.7	<1	2.23	<0.5	30	2.8	124	14.0	1.29	12	
C69345 (9953800)	<0.5	7.55	<1	309	0.8	<1	3.60	<0.5	40	7.1	111	41.5	2.33	16	
C69346 (9953801)	4.2	3.70	14	199	0.5	<1	9.79	0.6	15	6.2	14.9	70.4	1.81	7	
C69347 (9953802)	<0.5	7.23	<1	205	<0.5	4	6.30	<0.5	10	33.2	87.6	216	8.90	24	
C69348 (9953803)	<0.5	7.08	<1	204	<0.5	8	6.48	<0.5	9	38.6	78.9	171	10.0	24	
C69349 (9953804)	<0.5	7.74	<1	143	1.2	5	7.47	0.6	6	35.8	160	97.6	9.95	26	
C69350 (9953805)	<0.5	7.41	<1	141	<0.5	7	6.26	<0.5	6	38.2	191	115	10.6	27	
C69351 (9953806)	<0.5	8.25	<1	249	<0.5	9	6.95	0.7	7	37.8	145	337	10.5	30	
C69352 (9953807)	<0.5	0.07	2	12	<0.5	<1	28.2	<0.5	<1	0.6	16.7	<0.5	0.16	<5	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T444951

PROJECT: AGAT00563

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 08, 2019	DATE RECEIVED: Mar 09, 2019					DATE REPORTED: Mar 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C69353 (9953808)	<0.5	7.22	<1	338	0.6	<1	3.90	<0.5	49	11.0	250	49.7	2.87	16	
C69354 (9953809)	<0.5	6.58	<1	174	<0.5	2	6.23	<0.5	17	34.5	167	64.5	9.43	25	
C69355 (9953810)	<0.5	7.17	<1	148	<0.5	1	5.93	<0.5	7	37.7	135	56.1	9.86	27	
C69356 (9953811)	<0.5	7.60	<1	310	0.7	<1	2.71	<0.5	51	7.7	173	88.8	2.80	17	
C69357 (9953812)	<0.5	6.63	<1	209	<0.5	5	5.92	0.5	10	34.7	127	145	9.60	26	
C69358 (9953813)	<0.5	6.20	<1	202	<0.5	4	5.88	0.5	9	35.2	114	152	9.61	27	
C69359 (9953814)	<0.5	6.16	<1	372	<0.5	7	7.19	0.6	65	34.3	147	84.0	9.73	25	
C69360 (9953815)	<0.5	3.51	<1	627	1.5	1	7.40	<0.5	67	46.5	379	82.4	8.88	24	

Certified By:



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CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 08, 2019	DATE RECEIVED: Mar 09, 2019					DATE REPORTED: Mar 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
C69289 (9953744)	<1	1.95	12	29	4.20	1490	2.6	1.99	102	770	<20	<50	0.03	9	
C69290 (9953745)	<1	1.40	11	25	3.68	1220	2.4	1.78	87.3	681	<20	<50	0.04	6	
C69291 (9953746)	<1	1.67	12	26	2.25	784	3.3	2.14	61.3	595	<20	<50	0.09	7	
C69292 (9953747)	<1	0.01	2	1	2.35	131	<0.5	0.04	0.7	82	<20	<50	0.16	1	
C69293 (9953748)	<1	1.30	11	21	3.98	1190	3.2	1.84	99.0	720	<20	<50	0.05	7	
C69294 (9953749)	<1	1.29	10	18	3.20	1060	8.4	1.92	74.6	797	<20	<50	0.16	9	
C69295 (9953750)	<1	1.29	10	21	3.67	1010	4.6	2.39	125	673	<20	<50	0.11	7	
C69296 (9953751)	<1	1.15	14	16	2.38	867	2.6	2.11	63.1	679	<20	<50	0.23	8	
C69297 (9953752)	<1	1.58	19	22	3.81	1100	4.6	1.56	124	1330	<20	<50	0.13	9	
C69298 (9953753)	<1	1.44	17	20	3.67	1120	7.9	1.53	125	1180	<20	<50	0.13	8	
C69299 (9953754)	<1	1.47	16	21	2.77	1040	7.4	1.73	48.4	626	<20	<50	0.08	6	
C69300 (9953755)	<1	1.39	11	27	1.36	822	6.8	2.55	39.8	441	<20	<50	0.17	5	
C69301 (9953756)	<1	0.87	16	21	2.60	1390	9.7	1.45	126	955	<20	<50	0.35	8	
C69302 (9953757)	<1	0.89	10	18	2.84	1060	6.4	1.60	60.7	649	<20	<50	0.10	9	
C69303 (9953758)	<1	0.95	16	20	2.21	1160	9.2	1.44	31.9	897	<20	<50	0.28	7	
C69304 (9953759)	<1	1.01	12	19	2.67	1350	6.4	1.42	97.3	665	<20	<50	0.26	9	
C69305 (9953760)	<1	0.62	13	17	2.60	1300	7.9	1.37	57.8	681	<20	<50	0.21	9	
C69306 (9953761)	<1	1.60	8	42	0.60	570	3.2	0.58	8.7	435	<20	<50	0.58	6	
C69307 (9953762)	<1	0.71	12	20	2.59	1260	5.1	1.52	54.1	671	<20	<50	0.22	8	
C69308 (9953763)	<1	0.90	13	21	2.29	1320	7.2	1.40	57.5	657	<20	<50	0.34	8	
C69309 (9953764)	<1	1.21	12	24	2.20	1030	10.6	1.61	61.3	702	<20	<50	0.26	6	
C69310 (9953765)	<1	0.95	11	19	2.65	926	8.6	1.29	69.7	660	<20	<50	0.14	7	
C69311 (9953766)	<1	0.76	9	19	2.30	881	6.5	1.23	62.2	587	<20	<50	0.09	7	
C69312 (9953767)	<1	0.02	2	<1	2.06	121	<0.5	0.04	1.3	78	<20	<50	0.17	<1	
C69313 (9953768)	<1	0.96	11	18	2.44	916	6.4	1.30	73.1	666	<20	<50	0.15	8	
C69314 (9953769)	<1	0.91	8	20	2.94	1300	7.5	1.09	50.8	530	<20	<50	0.41	9	
C69315 (9953770)	<1	1.11	12	19	2.04	908	7.0	1.49	62.9	607	<20	<50	0.22	6	
C69316 (9953771)	<1	1.23	13	22	1.98	925	8.4	1.84	56.9	1100	<20	<50	0.13	6	
C69317 (9953772)	<1	1.14	14	21	1.25	752	6.2	1.95	36.8	517	<20	<50	0.28	4	
C69318 (9953773)	<1	1.10	14	19	1.21	750	10.7	1.88	36.3	521	<20	<50	0.29	4	
C69319 (9953774)	<1	1.50	9	25	1.90	968	6.8	1.75	67.3	568	<20	<50	0.14	7	
C69320 (9953775)	<1	1.12	13	21	2.38	1090	6.6	1.32	77.2	728	<20	<50	0.16	8	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444951

PROJECT: AGAT00563

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 08, 2019	DATE RECEIVED: Mar 09, 2019					DATE REPORTED: Mar 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
C69321 (9953776)	<1	1.00	11	19	1.60	850	19.2	0.95	38.6	641	<20	<50	0.12	5	
C69322 (9953777)	<1	1.27	12	23	2.39	1070	9.1	1.12	70.5	638	<20	<50	0.15	7	
C69323 (9953778)	<1	0.98	10	22	2.66	1670	8.9	0.88	65.1	598	<20	<50	0.16	8	
C69324 (9953779)	<1	1.35	14	25	1.69	880	9.7	1.22	44.2	620	<20	<50	0.06	6	
C69325 (9953780)	<1	1.51	16	26	1.31	1150	8.1	1.32	28.3	527	43	<50	0.48	5	
C69326 (9953781)	<1	0.25	4	14	4.54	1300	3.0	1.70	98.7	370	<20	<50	0.25	8	
C69327 (9953782)	<1	1.42	10	29	2.32	1620	8.5	1.05	26.8	474	30	<50	0.74	7	
C69328 (9953783)	<1	5.22	5	15	0.38	154	7.4	1.86	9.2	56	23	<50	0.68	7	
C69329 (9953784)	<1	1.70	20	26	0.92	1520	10.4	2.19	14.3	291	117	<50	0.59	7	
C69330 (9953785)	<1	1.38	19	26	1.14	1420	9.6	1.75	14.6	436	104	<50	0.35	5	
C69331 (9953786)	<1	0.83	20	9	3.04	1500	6.5	2.05	52.9	850	<20	<50	0.17	10	
C69332 (9953787)	<1	0.02	2	<1	1.96	115	<0.5	0.04	0.6	86	<20	<50	0.18	1	
C69333 (9953788)	<1	1.16	24	15	0.49	1020	11.1	2.08	7.5	347	<20	<50	0.46	3	
C69334 (9953789)	<1	1.21	24	12	0.54	1430	10.9	2.03	6.9	395	<20	<50	0.24	5	
C69335 (9953790)	<1	2.31	20	38	0.72	1180	7.8	2.43	10.3	401	<20	<50	0.42	5	
C69336 (9953791)	<1	1.83	23	21	1.14	1140	10.7	1.57	17.9	428	<20	<50	0.12	6	
C69337 (9953792)	<1	1.56	25	20	0.82	786	9.5	1.58	8.7	378	<20	<50	0.23	5	
C69338 (9953793)	<1	1.60	24	21	0.80	701	13.2	1.64	8.7	355	<20	<50	0.22	5	
C69339 (9953794)	<1	2.16	13	27	1.91	1560	8.5	0.68	24.4	436	<20	<50	0.58	8	
C69340 (9953795)	<1	1.33	20	24	1.19	932	8.1	0.90	10.0	362	<20	<50	0.19	6	
C69341 (9953796)	<1	1.46	14	36	2.16	1040	9.6	2.16	63.5	625	30	<50	1.12	6	
C69342 (9953797)	<1	2.21	55	34	11.0	1240	4.6	0.85	540	2120	<20	<50	0.22	6	
C69343 (9953798)	<1	1.51	22	17	0.87	598	10.1	2.23	11.1	416	<20	<50	0.23	5	
C69344 (9953799)	<1	0.92	15	8	0.41	409	8.9	1.89	15.0	176	<20	<50	0.07	5	
C69345 (9953800)	<1	1.05	18	17	0.86	560	10.5	1.69	12.4	448	<20	<50	0.21	5	
C69346 (9953801)	<1	1.59	8	41	0.60	577	2.9	0.56	8.6	420	<20	<50	0.60	5	
C69347 (9953802)	<1	0.91	7	21	2.67	1580	6.2	0.86	30.1	461	<20	<50	0.78	9	
C69348 (9953803)	<1	0.90	8	19	2.96	1710	11.9	0.77	36.4	422	<20	<50	0.32	9	
C69349 (9953804)	<1	0.76	6	16	2.93	1800	15.6	0.87	34.6	500	<20	<50	0.20	10	
C69350 (9953805)	<1	0.92	6	16	2.99	1800	15.7	0.83	37.7	418	<20	<50	0.32	10	
C69351 (9953806)	<1	0.66	7	15	3.03	2040	14.0	0.67	38.2	456	<20	<50	1.13	11	
C69352 (9953807)	<1	0.01	2	1	3.95	148	0.5	0.04	1.4	75	<20	<50	0.14	2	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444951

PROJECT: AGAT00563

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 08, 2019	DATE RECEIVED: Mar 09, 2019		DATE REPORTED: Mar 29, 2019		SAMPLE TYPE: Drill Core										
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
C69353 (9953808)	<1	1.11	21	19	1.18	703	21.6	0.70	24.3	315	<20	<50	0.20	3	
C69354 (9953809)	<1	0.84	11	22	3.37	1550	9.8	0.75	64.4	541	<20	<50	0.26	9	
C69355 (9953810)	<1	0.87	6	17	2.82	1710	11.1	0.78	33.7	449	<20	<50	0.25	9	
C69356 (9953811)	<1	1.48	22	12	0.87	663	18.3	2.05	9.9	373	<20	<50	0.28	7	
C69357 (9953812)	<1	0.93	8	18	2.87	1700	11.4	0.90	30.8	511	<20	<50	0.56	9	
C69358 (9953813)	<1	0.86	8	16	2.73	1700	10.8	0.89	30.9	494	<20	<50	0.60	9	
C69359 (9953814)	<1	1.29	31	24	3.27	1730	9.5	1.12	52.4	1480	<20	<50	0.33	9	
C69360 (9953815)	<1	1.45	37	51	7.30	1520	3.4	1.46	271	1160	<20	<50	0.21	8	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 08, 2019	DATE RECEIVED: Mar 09, 2019					DATE REPORTED: Mar 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
C69289 (9953744)	28	<10	<5	114	<10	<10	<5	0.56	<5	<50	177	<1	20	88.8	
C69290 (9953745)	26	<10	<5	124	<10	<10	<5	0.52	<5	<50	172	2	20	86.2	
C69291 (9953746)	20	<10	<5	148	<10	<10	9	0.37	<5	<50	118	<1	25	86.1	
C69292 (9953747)	<1	<10	<5	69	<10	<10	8	<0.01	<5	<50	5.0	<1	2	2.6	
C69293 (9953748)	27	<10	<5	150	<10	<10	<5	0.57	<5	<50	184	<1	20	88.1	
C69294 (9953749)	27	<10	<5	180	<10	<10	<5	0.56	<5	<50	178	2	20	96.6	
C69295 (9953750)	28	<10	<5	195	<10	<10	<5	0.52	<5	<50	177	2	17	89.9	
C69296 (9953751)	22	<10	<5	215	<10	<10	8	0.48	<5	<50	156	<1	18	78.7	
C69297 (9953752)	24	<10	<5	293	<10	<10	<5	0.58	<5	<50	153	2	17	89.0	
C69298 (9953753)	23	<10	<5	272	<10	<10	<5	0.56	<5	<50	150	3	17	88.8	
C69299 (9953754)	25	<10	<5	247	<10	<10	<5	0.50	<5	<50	159	<1	19	108	
C69300 (9953755)	13	<10	<5	172	<10	<10	5	0.33	<5	<50	66.4	1	14	146	
C69301 (9953756)	22	<10	<5	170	<10	<10	6	0.52	<5	<50	110	<1	28	148	
C69302 (9953757)	25	<10	<5	207	<10	<10	<5	0.51	<5	<50	160	2	19	95.9	
C69303 (9953758)	20	<10	<5	205	<10	<10	<5	0.46	<5	<50	105	<1	23	82.5	
C69304 (9953759)	24	<10	<5	182	<10	<10	<5	0.50	<5	<50	141	2	22	104	
C69305 (9953760)	23	<10	<5	209	<10	<10	<5	0.48	<5	<50	136	<1	21	86.8	
C69306 (9953761)	8	<10	<5	240	<10	<10	5	0.18	<5	<50	65.0	2	8	34.3	
C69307 (9953762)	23	<10	<5	203	<10	<10	<5	0.47	<5	<50	138	<1	21	78.0	
C69308 (9953763)	21	<10	<5	158	<10	<10	<5	0.45	<5	<50	122	<1	21	81.0	
C69309 (9953764)	22	<10	<5	172	<10	<10	5	0.46	<5	<50	122	<1	21	82.8	
C69310 (9953765)	22	<10	<5	152	<10	<10	<5	0.43	<5	<50	126	<1	19	82.7	
C69311 (9953766)	21	<10	<5	159	<10	<10	6	0.40	<5	<50	123	<1	18	72.1	
C69312 (9953767)	<1	<10	<5	73	<10	<10	7	<0.01	<5	<50	5.0	<1	2	2.4	
C69313 (9953768)	21	<10	<5	181	<10	<10	7	0.46	<5	<50	129	<1	19	81.1	
C69314 (9953769)	39	<10	<5	108	<10	<10	<5	0.75	<5	<50	294	<1	28	144	
C69315 (9953770)	20	<10	<5	195	<10	<10	6	0.43	<5	<50	117	<1	19	77.1	
C69316 (9953771)	23	<10	<5	169	<10	<10	6	0.36	<5	<50	106	<1	22	81.7	
C69317 (9953772)	22	<10	<5	164	<10	<10	6	0.26	<5	<50	70.3	<1	23	64.7	
C69318 (9953773)	22	<10	<5	159	<10	<10	9	0.26	<5	<50	70.3	1	24	62.8	
C69319 (9953774)	33	<10	<5	166	<10	<10	5	0.35	<5	<50	126	2	19	79.4	
C69320 (9953775)	21	<10	<5	175	<10	<10	6	0.48	<5	<50	123	2	23	91.2	

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AGAT WORK ORDER: 19T444951

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 08, 2019	DATE RECEIVED: Mar 09, 2019					DATE REPORTED: Mar 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
C69321 (9953776)	15	<10	<5	118	<10	<10	7	0.29	<5	<50	73.3	<1	20	69.4	
C69322 (9953777)	22	<10	<5	159	<10	<10	7	0.47	<5	<50	128	2	21	91.9	
C69323 (9953778)	27	<10	<5	133	<10	<10	5	0.54	<5	<50	175	3	23	102	
C69324 (9953779)	18	<10	<5	157	<10	<10	6	0.40	<5	<50	97.5	<1	23	83.2	
C69325 (9953780)	14	<10	<5	121	<10	<10	8	0.32	<5	<50	64.8	3	22	219	
C69326 (9953781)	43	<10	<5	179	<10	<10	<5	0.61	<5	<50	280	2	20	77.4	
C69327 (9953782)	34	<10	<5	104	<10	<10	<5	0.72	<5	<50	270	<1	26	348	
C69328 (9953783)	3	<10	<5	349	<10	<10	<5	0.16	<5	<50	13.1	<1	1	69.3	
C69329 (9953784)	11	<10	<5	168	<10	<10	11	0.25	<5	<50	36.7	<1	20	326	
C69330 (9953785)	14	<10	<5	129	<10	<10	9	0.32	<5	<50	68.1	<1	24	243	
C69331 (9953786)	41	<10	<5	192	<10	<10	<5	1.06	<5	<50	306	<1	31	115	
C69332 (9953787)	<1	<10	<5	72	<10	<10	8	<0.01	<5	<50	4.5	<1	2	2.9	
C69333 (9953788)	8	<10	<5	176	<10	<10	10	0.19	<5	<50	29.3	<1	19	85.4	
C69334 (9953789)	7	<10	<5	196	<10	<10	10	0.16	<5	<50	26.9	<1	23	75.5	
C69335 (9953790)	10	<10	<5	118	<10	<10	13	0.16	<5	<50	32.4	<1	19	148	
C69336 (9953791)	11	<10	<5	140	<10	<10	11	0.25	<5	<50	39.9	<1	22	76.7	
C69337 (9953792)	10	<10	<5	136	<10	<10	11	0.24	<5	<50	33.1	2	18	79.9	
C69338 (9953793)	9	<10	<5	139	<10	<10	11	0.24	<5	<50	33.3	2	16	77.5	
C69339 (9953794)	30	<10	<5	93	<10	<10	5	0.59	<5	<50	223	<1	29	111	
C69340 (9953795)	13	<10	<5	139	<10	<10	9	0.30	<5	<50	76.0	<1	27	75.9	
C69341 (9953796)	22	<10	<5	209	<10	<10	7	0.54	<5	<50	157	<1	25	148	
C69342 (9953797)	21	<10	<5	688	<10	<10	7	1.71	<5	<50	229	5	20	82.9	
C69343 (9953798)	9	<10	<5	161	<10	<10	10	0.24	<5	<50	33.3	<1	15	107	
C69344 (9953799)	3	<10	<5	217	<10	<10	9	0.12	<5	<50	16.4	<1	7	55.0	
C69345 (9953800)	7	<10	<5	237	<10	<10	10	0.26	<5	<50	44.8	<1	13	168	
C69346 (9953801)	7	<10	<5	238	<10	<10	<5	0.18	<5	<50	61.5	<1	7	35.2	
C69347 (9953802)	37	<10	<5	105	<10	<10	<5	0.72	<5	<50	287	<1	30	184	
C69348 (9953803)	42	<10	<5	117	<10	<10	<5	0.81	<5	<50	324	<1	29	131	
C69349 (9953804)	45	<10	<5	144	<10	<10	<5	0.78	<5	<50	339	3	33	143	
C69350 (9953805)	46	<10	<5	151	<10	<10	<5	0.83	<5	<50	353	<1	31	133	
C69351 (9953806)	49	<10	<5	143	<10	<10	<5	0.91	<5	<50	382	4	34	176	
C69352 (9953807)	<1	<10	<5	62	<10	<10	8	<0.01	<5	<50	5.7	<1	2	4.0	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T444951

PROJECT: AGAT00563

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 08, 2019	DATE RECEIVED: Mar 09, 2019					DATE REPORTED: Mar 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
C69353 (9953808)	12	<10	<5	171	<10	<10	10	0.26	<5	<50	67.0	2	20	110	
C69354 (9953809)	38	<10	<5	143	<10	<10	<5	0.89	<5	<50	322	3	27	126	
C69355 (9953810)	42	<10	<5	99	<10	<10	<5	0.80	<5	<50	346	4	30	121	
C69356 (9953811)	12	<10	<5	118	<10	<10	9	0.30	<5	<50	55.1	2	20	91.1	
C69357 (9953812)	41	<10	<5	86	<10	<10	<5	0.78	<5	<50	333	4	32	143	
C69358 (9953813)	42	<10	<5	79	<10	<10	<5	0.77	<5	<50	332	4	32	142	
C69359 (9953814)	38	<10	<5	348	<10	<10	<5	1.17	<5	<50	329	1	32	129	
C69360 (9953815)	40	<10	<5	553	<10	<10	5	1.28	<5	<50	264	5	22	109	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444951

PROJECT: AGAT00563

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 08, 2019      DATE RECEIVED: Mar 09, 2019      DATE REPORTED: Mar 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C69289 (9953744)				40
C69290 (9953745)				64
C69291 (9953746)				65
C69292 (9953747)				<5
C69293 (9953748)				71
C69294 (9953749)				41
C69295 (9953750)				49
C69296 (9953751)				96
C69297 (9953752)				82
C69298 (9953753)				82
C69299 (9953754)				83
C69300 (9953755)				80
C69301 (9953756)				79
C69302 (9953757)				55
C69303 (9953758)				74
C69304 (9953759)				78
C69305 (9953760)				98
C69306 (9953761)				48
C69307 (9953762)				96
C69308 (9953763)				107
C69309 (9953764)				122
C69310 (9953765)				100
C69311 (9953766)				93
C69312 (9953767)				<5
C69313 (9953768)				103
C69314 (9953769)				58
C69315 (9953770)				114
C69316 (9953771)				131
C69317 (9953772)				146
C69318 (9953773)				156
C69319 (9953774)				107
C69320 (9953775)				138

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T444951

PROJECT: AGAT00563

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 08, 2019

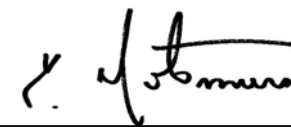
DATE RECEIVED: Mar 09, 2019

DATE REPORTED: Mar 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C69321 (9953776)				119
C69322 (9953777)				116
C69323 (9953778)				84
C69324 (9953779)				148
C69325 (9953780)				184
C69326 (9953781)				48
C69327 (9953782)				76
C69328 (9953783)				106
C69329 (9953784)				205
C69330 (9953785)				164
C69331 (9953786)				136
C69332 (9953787)				<5
C69333 (9953788)				188
C69334 (9953789)				176
C69335 (9953790)				144
C69336 (9953791)				148
C69337 (9953792)				150
C69338 (9953793)				142
C69339 (9953794)				93
C69340 (9953795)				161
C69341 (9953796)				113
C69342 (9953797)				205
C69343 (9953798)				154
C69344 (9953799)				158
C69345 (9953800)				142
C69346 (9953801)				46
C69347 (9953802)				31
C69348 (9953803)				15
C69349 (9953804)				17
C69350 (9953805)				22
C69351 (9953806)				17
C69352 (9953807)				<5

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T444951

PROJECT: AGAT00563

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 08, 2019

DATE RECEIVED: Mar 09, 2019

DATE REPORTED: Mar 29, 2019

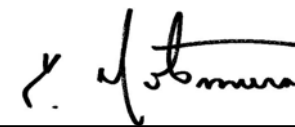
SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
C69353 (9953808)	177
C69354 (9953809)	34
C69355 (9953810)	26
C69356 (9953811)	162
C69357 (9953812)	19
C69358 (9953813)	21
C69359 (9953814)	125
C69360 (9953815)	110

Comments: RDL - Reported Detection Limit

9953744-9953815 As, Sb values may be low due to digestion losses.

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T444951

PROJECT: AGAT00563

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 08, 2019      DATE RECEIVED: Mar 09, 2019      DATE REPORTED: Mar 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C69289 (9953744)			0.004
C69290 (9953745)			0.006
C69291 (9953746)			0.006
C69292 (9953747)			0.001
C69293 (9953748)			0.012
C69294 (9953749)			0.002
C69295 (9953750)			0.003
C69296 (9953751)			0.002
C69297 (9953752)			0.003
C69298 (9953753)			0.005
C69299 (9953754)			0.006
C69300 (9953755)			0.004
C69301 (9953756)			0.014
C69302 (9953757)			0.004
C69303 (9953758)			0.006
C69304 (9953759)			0.005
C69305 (9953760)			0.004
C69306 (9953761)			2.58
C69307 (9953762)			0.012
C69308 (9953763)			0.006
C69309 (9953764)			0.107
C69310 (9953765)			0.003
C69311 (9953766)			0.003
C69312 (9953767)			0.001
C69313 (9953768)			0.003
C69314 (9953769)			0.009
C69315 (9953770)			0.004
C69316 (9953771)			0.003
C69317 (9953772)			0.005
C69318 (9953773)			0.005
C69319 (9953774)			0.002
C69320 (9953775)			0.003

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T444951

PROJECT: AGAT00563

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

**(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)**

DATE SAMPLED: Mar 08, 2019

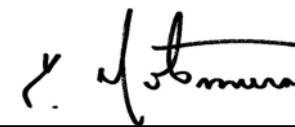
DATE RECEIVED: Mar 09, 2019

DATE REPORTED: Mar 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C69321 (9953776)			0.003
C69322 (9953777)			0.003
C69323 (9953778)			0.003
C69324 (9953779)			0.002
C69325 (9953780)			0.009
C69326 (9953781)			1.17
C69327 (9953782)			0.016
C69328 (9953783)			0.021
C69329 (9953784)			0.008
C69330 (9953785)			0.008
C69331 (9953786)			0.001
C69332 (9953787)			<0.001
C69333 (9953788)			0.007
C69334 (9953789)			0.003
C69335 (9953790)			0.006
C69336 (9953791)			0.002
C69337 (9953792)			0.005
C69338 (9953793)			0.005
C69339 (9953794)			0.009
C69340 (9953795)			0.004
C69341 (9953796)			0.013
C69342 (9953797)			0.002
C69343 (9953798)			0.004
C69344 (9953799)			0.004
C69345 (9953800)			0.006
C69346 (9953801)			2.43
C69347 (9953802)			0.023
C69348 (9953803)			0.038
C69349 (9953804)			0.021
C69350 (9953805)			0.037
C69351 (9953806)			0.075
C69352 (9953807)			0.001

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T444951

PROJECT: AGAT00563

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 08, 2019	DATE RECEIVED: Mar 09, 2019	DATE REPORTED: Mar 29, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C69353 (9953808)			0.011
C69354 (9953809)			0.015
C69355 (9953810)			0.009
C69356 (9953811)			0.005
C69357 (9953812)			0.012
C69358 (9953813)			0.011
C69359 (9953814)			0.006
C69360 (9953815)			0.003

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T444951

PROJECT: AGAT00563

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 08, 2019      DATE RECEIVED: Mar 09, 2019      DATE REPORTED: Mar 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
C69289 (9953744)		84
C69302 (9953757)		82
C69308 (9953763)		82
C69325 (9953780)		85
C69328 (9953783)		91
C69337 (9953792)		86
C69347 (9953802)		87

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	9953744	< 0.5	< 0.5	0.0%	9953758	< 0.5	< 0.5	0.0%	9953769	< 0.5	< 0.5	0.0%	9953783	< 0.5	< 0.5	0.0%
Al	9953744	8.05	8.05	0.0%	9953758	8.16	8.25	1.1%	9953769	7.89	7.93	0.5%	9953783	8.47	8.32	1.8%
As	9953744	< 1	< 1	0.0%	9953758	< 1	< 1	0.0%	9953769	< 1	< 1	0.0%	9953783	< 1	< 1	0.0%
Ba	9953744	518	509	1.8%	9953758	208	214	2.8%	9953769	170	169	0.6%	9953783	5620	5640	0.4%
Be	9953744	0.5	0.5	0.0%	9953758	< 0.5	< 0.5	0.0%	9953769	< 0.5	< 0.5	0.0%	9953783	< 0.5	< 0.5	0.0%
Bi	9953744	< 1	< 1	0.0%	9953758	4	2		9953769	2	1		9953783	< 1	< 1	0.0%
Ca	9953744	4.90	4.97	1.4%	9953758	4.82	4.85	0.6%	9953769	5.01	5.05	0.8%	9953783	1.42	1.40	1.4%
Cd	9953744	< 0.5	< 0.5	0.0%	9953758	< 0.5	< 0.5	0.0%	9953769	< 0.5	< 0.5	0.0%	9953783	< 0.5	< 0.5	0.0%
Ce	9953744	24	26	8.0%	9953758	34	34	0.0%	9953769	12	11	8.7%	9953783	7	7	0.0%
Co	9953744	32.6	33.0	1.2%	9953758	19.9	20.5	3.0%	9953769	38.8	38.4	1.0%	9953783	3.9	4.0	2.5%
Cr	9953744	194	167	15.0%	9953758	120	122	1.7%	9953769	142	106	29.0%	9953783	77.9	76.3	2.1%
Cu	9953744	7.2	8.6	17.7%	9953758	109	112	2.7%	9953769	117	115	1.7%	9953783	55.4	55.3	0.2%
Fe	9953744	6.42	6.44	0.3%	9953758	5.75	5.79	0.7%	9953769	9.14	9.31	1.8%	9953783	2.41	2.43	0.8%
Ga	9953744	18	19	5.4%	9953758	19	18	5.4%	9953769	27	26	3.8%	9953783	15	15	0.0%
In	9953744	< 1	< 1	0.0%	9953758	< 1	< 1	0.0%	9953769	< 1	< 1	0.0%	9953783	< 1	< 1	0.0%
K	9953744	1.95	1.90	2.6%	9953758	0.954	0.960	0.6%	9953769	0.91	0.93	2.2%	9953783	5.22	5.13	1.7%
La	9953744	12	13	8.0%	9953758	16	16	0.0%	9953769	8	8	0.0%	9953783	5	5	0.0%
Li	9953744	29	29	0.0%	9953758	20	21	4.9%	9953769	20	20	0.0%	9953783	15	15	0.0%
Mg	9953744	4.20	4.18	0.5%	9953758	2.21	2.22	0.5%	9953769	2.94	2.99	1.7%	9953783	0.382	0.386	1.0%
Mn	9953744	1490	1500	0.7%	9953758	1160	1160	0.0%	9953769	1300	1340	3.0%	9953783	154	158	2.6%
Mo	9953744	2.60	2.53	2.7%	9953758	9.2	9.2	0.0%	9953769	7.46	6.99	6.5%	9953783	7.39	7.56	2.3%
Na	9953744	1.99	1.95	2.0%	9953758	1.44	1.46	1.4%	9953769	1.09	1.07	1.9%	9953783	1.86	1.83	1.6%
Ni	9953744	102	103	1.0%	9953758	31.9	32.4	1.6%	9953769	50.8	49.8	2.0%	9953783	9.19	8.93	2.9%
P	9953744	770	777	0.9%	9953758	897	894	0.3%	9953769	530	534	0.8%	9953783	56	57	1.8%
Pb	9953744	< 20	< 20	0.0%	9953758	< 20	< 20	0.0%	9953769	< 20	< 20	0.0%	9953783	23	24	4.3%
Rb	9953744	< 50	< 50	0.0%	9953758	< 50	< 50	0.0%	9953769	< 50	< 50	0.0%	9953783	< 50	< 50	0.0%
S	9953744	0.03	0.03	0.0%	9953758	0.28	0.29	3.5%	9953769	0.41	0.39	5.0%	9953783	0.680	0.641	5.9%
Sb	9953744	9	8	11.8%	9953758	7	8	13.3%	9953769	9	9	0.0%	9953783	7	5	
Sc	9953744	28	28	0.0%	9953758	20	20	0.0%	9953769	39	41	5.0%	9953783	3	3	0.0%
Se	9953744	< 10	< 10	0.0%	9953758	< 10	< 10	0.0%	9953769	< 10	< 10	0.0%	9953783	< 10	< 10	0.0%
Sn	9953744	< 5	< 5	0.0%	9953758	< 5	< 5	0.0%	9953769	< 5	< 5	0.0%	9953783	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	9953744	114	114	0.0%	9953758	205	207	1.0%	9953769	108	106	1.9%	9953783	349	349	0.0%
Ta	9953744	< 10	< 10	0.0%	9953758	< 10	< 10	0.0%	9953769	< 10	< 10	0.0%	9953783	< 10	< 10	0.0%
Te	9953744	< 10	< 10	0.0%	9953758	< 10	< 10	0.0%	9953769	< 10	< 10	0.0%	9953783	< 10	< 10	0.0%
Th	9953744	< 5	< 5	0.0%	9953758	< 5	< 5	0.0%	9953769	< 5	< 5	0.0%	9953783	< 5	< 5	0.0%
Ti	9953744	0.557	0.554	0.5%	9953758	0.46	0.46	0.0%	9953769	0.75	0.76	1.3%	9953783	0.16	0.16	0.0%
Tl	9953744	< 5	< 5	0.0%	9953758	< 5	< 5	0.0%	9953769	< 5	< 5	0.0%	9953783	< 5	< 5	0.0%
U	9953744	< 50	< 50	0.0%	9953758	< 50	< 50	0.0%	9953769	< 50	< 50	0.0%	9953783	< 50	< 50	0.0%
V	9953744	177	179	1.1%	9953758	105	105	0.0%	9953769	294	302	2.7%	9953783	13.1	12.9	1.5%
W	9953744	< 1	2		9953758	< 1	< 1	0.0%	9953769	< 1	2		9953783	< 1	< 1	0.0%
Y	9953744	20	20	0.0%	9953758	23	23	0.0%	9953769	28	29	3.5%	9953783	1	1	0.0%
Zn	9953744	88.8	87.2	1.8%	9953758	82.5	85.1	3.1%	9953769	144	145	0.7%	9953783	69.3	70.1	1.1%
Zr	9953744	40	40	0.0%	9953758	74	70	5.6%	9953769	58	54	7.1%	9953783	106	118	10.7%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	9953794	< 0.5	< 0.5	0.0%	9953808	< 0.5	< 0.5	0.0%								
Al	9953794	7.59	7.56	0.4%	9953808	7.22	7.60	5.1%								
As	9953794	< 1	< 1	0.0%	9953808	< 1	< 1	0.0%								
Ba	9953794	365	360	1.4%	9953808	338	344	1.8%								
Be	9953794	< 0.5	< 0.5	0.0%	9953808	0.59	0.54	8.8%								
Bi	9953794	2	5		9953808	< 1	1									
Ca	9953794	3.80	3.74	1.6%	9953808	3.90	4.09	4.8%								
Cd	9953794	< 0.5	< 0.5	0.0%	9953808	< 0.5	< 0.5	0.0%								
Ce	9953794	24	26	8.0%	9953808	49	50	2.0%								
Co	9953794	25.3	23.7	6.5%	9953808	11.0	10.7	2.8%								
Cr	9953794	123	134	8.6%	9953808	250	230	8.3%								
Cu	9953794	100	96.2	3.9%	9953808	49.7	51.2	3.0%								
Fe	9953794	6.96	6.71	3.7%	9953808	2.87	2.92	1.7%								
Ga	9953794	21	20	4.9%	9953808	16	16	0.0%								
In	9953794	< 1	< 1	0.0%	9953808	< 1	< 1	0.0%								
K	9953794	2.16	2.07	4.3%	9953808	1.11	1.12	0.9%								
La	9953794	13	13	0.0%	9953808	21	21	0.0%								
Li	9953794	27	26	3.8%	9953808	19	19	0.0%								
Mg	9953794	1.91	1.79	6.5%	9953808	1.18	1.20	1.7%								
Mn	9953794	1560	1480	5.3%	9953808	703	724	2.9%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	9953794	8.5	12.5		9953808	21.6	21.0	2.8%								
Na	9953794	0.68	0.69	1.5%	9953808	0.698	0.736	5.3%								
Ni	9953794	24.4	23.2	5.0%	9953808	24.3	24.3	0.0%								
P	9953794	436	412	5.7%	9953808	315	314	0.3%								
Pb	9953794	< 20	< 20	0.0%	9953808	< 20	< 20	0.0%								
Rb	9953794	< 50	< 50	0.0%	9953808	< 50	< 50	0.0%								
S	9953794	0.58	0.57	1.7%	9953808	0.20	0.20	0.0%								
Sb	9953794	8	8	0.0%	9953808	3	4	28.6%								
Sc	9953794	30	28	6.9%	9953808	12	12	0.0%								
Se	9953794	< 10	< 10	0.0%	9953808	< 10	< 10	0.0%								
Sn	9953794	< 5	< 5	0.0%	9953808	< 5	< 5	0.0%								
Sr	9953794	93	94	1.1%	9953808	171	181	5.7%								
Ta	9953794	< 10	< 10	0.0%	9953808	< 10	< 10	0.0%								
Te	9953794	< 10	< 10	0.0%	9953808	< 10	< 10	0.0%								
Th	9953794	5	< 5		9953808	10	10	0.0%								
Ti	9953794	0.59	0.57	3.4%	9953808	0.26	0.27	3.8%								
Tl	9953794	< 5	< 5	0.0%	9953808	< 5	< 5	0.0%								
U	9953794	< 50	< 50	0.0%	9953808	< 50	< 50	0.0%								
V	9953794	223	210	6.0%	9953808	67.0	66.0	1.5%								
W	9953794	< 1	< 1	0.0%	9953808	2	2	0.0%								
Y	9953794	29	27	7.1%	9953808	20	20	0.0%								
Zn	9953794	111	105	5.6%	9953808	110	114	3.6%								
Zr	9953794	93	88	5.5%	9953808	177	178	0.6%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	9953744	0.004	0.005	22.2%	9953758	0.006	0.009		9953769	0.009	0.008	11.8%	9953783	0.0212	0.0218	2.8%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	9953794	0.0089	0.0096	7.6%	9953808	0.011	0.011	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	11.01	101%	90% - 110%	8.17	8.42	103%	90% - 110%	6.96	7.22	104%	90% - 110%	10.95	11.64	106%	90% - 110%
As					26	23	90%	90% - 110%	124	120	97%	90% - 110%				
Ba	340	319	94%	90% - 110%	540	515	95%	90% - 110%	186	175	94%	90% - 110%	340	328	96%	90% - 110%
Be	2.6	2.5	97%	90% - 110%	4.0	3.5	87%	90% - 110%					2.6	2.5	96%	90% - 110%
Ca	5.72	5.41	95%	90% - 110%	0.907	0.891	98%	90% - 110%	4.01	3.92	98%	90% - 110%	5.72	5.68	99%	90% - 110%
Ce	122	118	96%	90% - 110%	98	102	104%	90% - 110%	24	22	90%	90% - 110%	122	121	99%	90% - 110%
Co									22.1	20.1	91%	90% - 110%				
Cr					60.3	59.3	98%	90% - 110%								
Cu					150	148	99%	90% - 110%	88.6	83.4	94%	90% - 110%				
Fe	4.34	3.97	91%	90% - 110%	3.77	3.59	95%	90% - 110%	7.56	7.24	96%	90% - 110%	4.34	4.17	96%	90% - 110%
Ga	35	32	91%	90% - 110%									35	33	95%	90% - 110%
K	1.37	1.46	107%	90% - 110%					2.021	2.057	102%	90% - 110%	1.37	1.45	106%	90% - 110%
La	58	54	93%	90% - 110%	44	43	97%	90% - 110%					58	56	97%	90% - 110%
Li	37	39	105%	90% - 110%	47	48	102%	90% - 110%					37	38	103%	90% - 110%
Mg	0.325	0.295	91%	90% - 110%	1.10	1.1	100%	90% - 110%	2.412	2.47	102%	90% - 110%	0.325	0.305	94%	90% - 110%
Mn					780	741	95%	90% - 110%	1510	1458	97%	90% - 110%				
Mo					14	15	106%	90% - 110%								
Na	5.267	5.207	99%	90% - 110%	1.624	1.689	104%	90% - 110%	0.617	0.633	103%	90% - 110%	5.267	5.388	102%	90% - 110%
Ni					32	32	99%	90% - 110%	77.1	69.6	90%	90% - 110%	9	7	77%	90% - 110%
P					750	740	99%	90% - 110%	892	885	99%	90% - 110%				
Pb					31	22	72%	90% - 110%								
S									0.348	0.356	102%	90% - 110%				
Sc	1.1	1	89%	90% - 110%	12	12	104%	90% - 110%					1.1	1	95%	90% - 110%
Sr	1191	1175	99%	90% - 110%	144	153	106%	90% - 110%	92.8	91.8	99%	90% - 110%	1191	1227	103%	90% - 110%
Th					18.4	20.6	112%	90% - 110%								
Ti	0.172	0.170	99%	90% - 110%	0.53	0.481	91%	90% - 110%					0.172	0.180	105%	90% - 110%
V	8	7	85%	90% - 110%	77	80	104%	90% - 110%					8	7	88%	90% - 110%
Y	119	122	102%	90% - 110%									119	125	105%	90% - 110%
Zn	93	92	99%	90% - 110%	130	123	95%	90% - 110%	208	207	100%	90% - 110%	93	94	102%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS6F)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.81	99%	90% - 110%	0.725	0.795	109%	90% - 110%	6.87	6.97	101%	90% - 110%	0.562	0.558	99%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00563  
 SAMPLING SITE:

AGAT WORK ORDER: 19T444951  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE



CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00564

AGAT WORK ORDER: 19T445279

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Apr 02, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T445279

PROJECT: AGAT00564

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 10, 2019      DATE RECEIVED: Mar 11, 2019      DATE REPORTED: Apr 02, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg
C69361 (9955991)		2.15
C69362 (9955992)		1.14
C69363 (9955993)		1.27
C69364 (9955994)		1.80
C69365 (9955995)		2.95
C69366 (9955996)		0.0700
C69367 (9955997)		2.17
C69368 (9955998)		1.86
C69369 (9955999)		1.62
C69370 (9956000)		0.910
C69371 (9956001)		1.93
C69372 (9956002)		1.00
C69373 (9956003)		0.680
C69374 (9956004)		2.86
C69375 (9956005)		1.45
C69376 (9956006)		1.70
C69377 (9956007)		1.30
C69378 (9956008)		1.30
C69379 (9956009)		1.11
C69380 (9956010)		1.27
C69381 (9956011)		2.49
C69382 (9956012)		0.720
C69383 (9956013)		1.17
C69384 (9956014)		0.770
C69385 (9956015)		2.64
C69386 (9956016)		0.0700
C69387 (9956017)		1.73
C69388 (9956018)		1.61
C69389 (9956019)		2.99
C69390 (9956020)		1.02
C69391 (9956021)		1.34

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T445279

PROJECT: AGAT00564

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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (200-) Sample Login Weight

DATE SAMPLED: Mar 10, 2019

DATE RECEIVED: Mar 11, 2019

DATE REPORTED: Apr 02, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg
C69392 (9956022)		1.18
C69393 (9956023)		0.710
C69394 (9956024)		0.920
C69395 (9956025)		3.45
C69396 (9956026)		1.79
C69397 (9956027)		1.67
C69398 (9956028)		1.67
C69399 (9956029)		1.70
C69400 (9956030)		3.09
C69401 (9956031)		1.28
C69402 (9956032)		0.810
C69403 (9956033)		3.01
C69404 (9956034)		2.07
C69405 (9956035)		1.88
C69406 (9956036)		0.0600
C69407 (9956037)		3.39
C69408 (9956038)		3.36
C69409 (9956039)		3.32
C69410 (9956040)		3.39
C69411 (9956041)		3.28
C69412 (9956042)		1.88
C69413 (9956043)		3.50
C69414 (9956044)		3.22
C69415 (9956045)		2.79
C69416 (9956046)		2.03
C69417 (9956047)		1.75
C69418 (9956048)		1.75
C69419 (9956049)		3.11
C69420 (9956050)		2.16
C69421 (9956051)		2.23
C69422 (9956052)		1.41

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T445279

PROJECT: AGAT00564

 5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (200-) Sample Login Weight

DATE SAMPLED: Mar 10, 2019

DATE RECEIVED: Mar 11, 2019

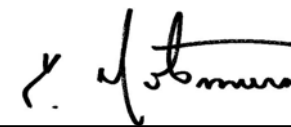
DATE REPORTED: Apr 02, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg
C69423 (9956053)		3.15
C69424 (9956054)		3.35
C69425 (9956055)		1.88
C69426 (9956056)		0.0700
C69427 (9956057)		3.19
C69428 (9956058)		1.87
C69429 (9956059)		2.02
C69430 (9956060)		2.14
C69431 (9956061)		0.930
C69432 (9956062)		1.77

Comments: RDL - Reported Detection Limit

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T445279

PROJECT: AGAT00564

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 10, 2019	DATE RECEIVED: Mar 11, 2019							DATE REPORTED: Apr 02, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C69361 (9955991)	<0.5	7.53	<1	350	<0.5	11	5.50	<0.5	5	43.4	84.4	265	11.0	31	
C69362 (9955992)	<0.5	7.25	<1	182	0.7	12	6.30	<0.5	4	38.3	68.0	56.2	11.0	29	
C69363 (9955993)	<0.5	7.23	<1	152	<0.5	11	6.52	<0.5	6	38.2	93.4	180	10.8	27	
C69364 (9955994)	<0.5	7.70	<1	251	0.8	2	3.22	<0.5	51	6.2	66.6	20.8	3.00	16	
C69365 (9955995)	<0.5	7.28	<1	263	<0.5	13	6.01	<0.5	7	36.6	85.3	172	10.6	28	
C69366 (9955996)	<0.5	7.26	<1	140	<0.5	7	6.72	<0.5	2	39.0	138	153	8.02	21	
C69367 (9955997)	<0.5	7.52	<1	185	<0.5	10	6.38	0.5	6	40.5	74.0	109	11.3	30	
C69368 (9955998)	<0.5	7.47	<1	160	<0.5	13	6.50	<0.5	5	38.9	74.2	69.2	10.9	28	
C69369 (9955999)	<0.5	7.06	<1	140	<0.5	15	6.71	<0.5	4	35.7	75.4	80.5	10.5	27	
C69370 (9956000)	<0.5	7.10	<1	304	<0.5	9	5.58	0.5	12	33.6	82.8	170	9.15	26	
C69371 (9956001)	<0.5	5.94	<1	367	0.6	4	2.16	<0.5	64	7.8	72.0	48.1	2.56	13	
C69372 (9956002)	<0.5	0.07	<1	17	<0.5	<1	32.0	<0.5	<1	0.6	<0.5	<0.5	0.09	<5	
C69373 (9956003)	<0.5	4.26	<1	145	0.5	1	3.09	0.6	23	12.0	175	5.6	3.32	9	
C69374 (9956004)	<0.5	7.48	<1	303	0.8	<1	3.14	<0.5	43	6.4	83.1	14.2	2.46	15	
C69375 (9956005)	<0.5	7.63	<1	274	0.9	2	2.97	<0.5	47	5.1	71.3	6.5	2.02	16	
C69376 (9956006)	<0.5	6.71	<1	398	0.8	2	2.40	<0.5	49	4.7	76.9	20.4	2.50	16	
C69377 (9956007)	<0.5	7.36	<1	192	<0.5	10	5.82	0.5	6	37.4	77.4	116	10.6	28	
C69378 (9956008)	<0.5	7.36	<1	188	<0.5	12	5.83	<0.5	6	36.4	83.6	113	10.7	29	
C69379 (9956009)	<0.5	7.47	<1	339	0.8	5	3.42	0.9	41	14.5	103	58.6	3.89	17	
C69380 (9956010)	<0.5	7.25	<1	317	0.9	2	3.06	1.1	48	8.0	94.0	23.4	2.34	14	
C69381 (9956011)	<0.5	7.74	<1	350	0.8	2	3.01	<0.5	52	6.8	73.3	12.8	2.25	15	
C69382 (9956012)	<0.5	6.40	<1	347	0.7	<1	3.56	0.9	27	16.9	119	106	4.60	16	
C69383 (9956013)	<0.5	7.26	2	343	0.8	2	2.93	0.9	48	6.4	101	16.3	2.33	14	
C69384 (9956014)	<0.5	7.17	<1	344	0.8	1	2.57	1.3	46	5.2	69.4	17.6	2.23	14	
C69385 (9956015)	<0.5	6.98	<1	340	0.8	2	2.60	1.7	49	7.5	75.9	27.6	2.38	14	
C69386 (9956016)	<0.5	7.12	<1	175	<0.5	10	6.11	<0.5	11	37.7	146	99.3	7.50	23	
C69387 (9956017)	<0.5	6.99	<1	306	1.1	<1	2.48	0.6	50	7.4	83.9	30.9	2.36	14	
C69388 (9956018)	<0.5	7.43	<1	347	0.9	2	2.59	<0.5	52	5.6	66.1	52.2	2.12	15	
C69389 (9956019)	<0.5	6.93	<1	156	<0.5	13	5.81	0.5	6	38.4	80.7	69.7	10.8	28	
C69390 (9956020)	<0.5	7.23	<1	99	1.8	16	7.28	0.5	5	37.3	60.8	73.5	10.8	28	
C69391 (9956021)	<0.5	7.68	<1	183	<0.5	17	6.34	0.5	4	41.4	68.5	67.1	11.4	30	
C69392 (9956022)	<0.5	0.08	1	16	<0.5	<1	32.7	<0.5	<1	0.6	1.3	<0.5	0.09	<5	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T445279

PROJECT: AGAT00564

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 10, 2019	DATE RECEIVED: Mar 11, 2019					DATE REPORTED: Apr 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C69393 (9956023)	<0.5	7.41	<1	155	<0.5	14	6.34	<0.5	4	39.7	59.4	88.5	11.1	29	
C69394 (9956024)	<0.5	7.14	<1	258	0.7	3	4.14	0.7	38	12.2	79.6	33.5	4.31	17	
C69395 (9956025)	<0.5	7.18	<1	326	<0.5	10	6.26	<0.5	32	44.4	98.8	87.7	10.2	27	
C69396 (9956026)	<0.5	7.13	<1	339	<0.5	13	6.13	<0.5	33	43.8	98.8	101	10.2	25	
C69397 (9956027)	<0.5	7.14	<1	522	0.8	2	2.26	3.5	57	6.7	52.7	68.6	3.26	15	
C69398 (9956028)	<0.5	7.19	<1	523	0.8	1	2.21	3.9	57	6.3	56.3	66.5	3.21	15	
C69399 (9956029)	<0.5	6.69	<1	506	0.9	1	2.02	17.5	105	19.6	68.7	164	4.43	16	
C69400 (9956030)	<0.5	7.39	<1	365	1.1	3	2.58	1.3	50	4.7	59.2	24.5	2.70	15	
C69401 (9956031)	<0.5	6.99	2	344	1.1	<1	2.41	0.5	57	4.9	58.7	22.3	2.46	16	
C69402 (9956032)	<0.5	6.17	<1	456	0.6	2	1.96	<0.5	15	4.3	58.0	25.8	2.11	14	
C69403 (9956033)	<0.5	6.88	<1	264	1.0	1	2.49	<0.5	56	4.7	57.4	21.4	2.36	16	
C69404 (9956034)	<0.5	7.63	<1	287	1.3	2	2.59	<0.5	53	4.1	59.6	8.5	2.03	16	
C69405 (9956035)	<0.5	7.68	<1	350	1.5	2	2.75	<0.5	53	3.7	48.9	9.6	2.07	15	
C69406 (9956036)	<0.5	7.72	<1	189	<0.5	8	6.56	<0.5	12	37.9	138	108	8.10	23	
C69407 (9956037)	<0.5	7.17	<1	386	1.2	1	2.64	<0.5	49	5.6	58.1	40.1	2.42	15	
C69408 (9956038)	<0.5	7.67	<1	366	0.9	2	2.73	<0.5	54	4.0	54.6	11.6	2.05	15	
C69409 (9956039)	<0.5	7.71	<1	376	1.0	1	2.73	<0.5	54	4.2	54.3	10.3	1.99	15	
C69410 (9956040)	<0.5	7.36	2	330	0.9	2	2.79	<0.5	47	3.7	53.7	14.7	2.00	15	
C69411 (9956041)	<0.5	7.54	<1	350	1.0	2	2.90	<0.5	49	4.4	54.1	9.4	2.12	14	
C69412 (9956042)	<0.5	0.07	3	16	<0.5	<1	32.0	<0.5	<1	0.7	<0.5	<0.5	0.09	<5	
C69413 (9956043)	<0.5	7.10	<1	322	1.0	2	2.50	1.5	47	4.4	68.5	15.2	2.49	15	
C69414 (9956044)	<0.5	6.16	<1	359	1.1	2	2.50	0.9	62	9.2	93.9	19.1	2.66	13	
C69415 (9956045)	<0.5	6.42	<1	211	0.8	2	1.45	0.8	54	4.8	75.9	18.0	2.47	13	
C69416 (9956046)	<0.5	6.66	<1	177	1.3	2	1.65	<0.5	60	5.7	71.1	20.7	1.84	15	
C69417 (9956047)	<0.5	7.16	1	778	1.2	<1	1.75	<0.5	23	2.1	69.8	8.5	1.12	13	
C69418 (9956048)	<0.5	7.39	<1	786	1.2	<1	1.74	<0.5	23	2.1	65.5	9.7	1.15	14	
C69419 (9956049)	<0.5	7.59	1	466	1.2	<1	2.09	<0.5	20	2.3	44.6	8.1	1.27	14	
C69420 (9956050)	<0.5	7.31	<1	359	1.4	<1	2.18	<0.5	31	2.7	54.7	7.4	1.34	15	
C69421 (9956051)	<0.5	7.26	<1	564	1.3	1	2.41	<0.5	43	5.3	61.7	18.7	2.05	14	
C69422 (9956052)	<0.5	2.85	<1	520	4.5	10	7.49	<0.5	217	56.1	547	159	9.26	21	
C69423 (9956053)	<0.5	7.11	<1	411	1.8	3	2.98	<0.5	57	8.5	75.7	20.1	2.36	16	
C69424 (9956054)	<0.5	7.32	<1	371	1.0	1	2.67	<0.5	54	3.9	61.3	3.7	1.87	15	

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## Certificate of Analysis

AGAT WORK ORDER: 19T445279

PROJECT: AGAT00564

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 10, 2019	DATE RECEIVED: Mar 11, 2019					DATE REPORTED: Apr 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C69425 (9956055)	<0.5	3.22	<1	795	2.8	16	7.02	<0.5	171	55.7	286	111	10.2	29	
C69426 (9956056)	<0.5	8.01	<1	191	<0.5	9	6.65	<0.5	12	37.5	154	107	8.23	24	
C69427 (9956057)	<0.5	7.39	<1	333	1.0	<1	2.58	<0.5	54	5.0	57.2	20.2	2.14	15	
C69428 (9956058)	<0.5	7.51	<1	363	0.9	1	2.86	<0.5	52	4.5	61.5	6.1	2.31	15	
C69429 (9956059)	<0.5	7.15	<1	456	1.1	<1	3.05	<0.5	56	7.3	72.8	29.3	2.69	15	
C69430 (9956060)	<0.5	7.68	<1	473	1.0	2	2.54	<0.5	61	5.6	70.3	52.6	2.69	17	
C69431 (9956061)	<0.5	6.64	<1	4150	0.6	<1	1.09	<0.5	9	<0.5	54.7	13.0	1.10	10	
C69432 (9956062)	<0.5	0.08	3	1430	<0.5	<1	19.4	<0.5	<1	<0.5	<0.5	<0.5	0.07	<5	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 10, 2019	DATE RECEIVED: Mar 11, 2019					DATE REPORTED: Apr 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
C69361 (9955991)	<1	1.65	6	21	2.89	1880	5.0	0.87	37.8	476	<20	<50	0.61	3	
C69362 (9955992)	<1	1.12	6	14	2.87	1790	4.0	0.92	32.4	481	<20	<50	0.18	<1	
C69363 (9955993)	<1	1.01	6	13	2.94	1660	6.0	0.86	34.6	464	<20	<50	0.52	2	
C69364 (9955994)	<1	1.10	23	17	0.95	1060	7.4	1.71	8.4	420	<20	<50	0.09	<1	
C69365 (9955995)	<1	1.23	6	16	3.12	1870	7.5	0.54	33.9	486	<20	<50	0.55	3	
C69366 (9955996)	<1	0.21	4	12	4.52	1390	0.6	2.33	83.9	402	<20	<50	0.17	<1	
C69367 (9955997)	<1	1.06	7	14	3.02	1800	4.2	0.59	33.5	464	<20	<50	0.27	2	
C69368 (9955998)	<1	1.02	6	15	3.08	1720	5.8	0.61	37.5	466	<20	<50	0.19	5	
C69369 (9955999)	<1	0.71	6	13	2.97	1730	4.1	0.63	33.8	456	<20	<50	0.27	3	
C69370 (9956000)	<1	1.20	8	22	2.74	1660	7.1	0.64	31.3	454	<20	<50	0.69	2	
C69371 (9956001)	<1	1.18	31	22	0.83	413	15.4	1.64	10.7	230	<20	<50	0.24	<1	
C69372 (9956002)	<1	<0.01	2	1	2.46	117	<0.5	0.04	<0.5	73	<20	<50	0.14	<1	
C69373 (9956003)	<1	0.84	11	19	2.22	1300	8.6	0.52	47.5	301	<20	<50	0.05	<1	
C69374 (9956004)	<1	1.26	19	25	1.26	798	10.1	1.64	20.0	383	<20	<50	0.09	<1	
C69375 (9956005)	<1	1.16	23	26	0.89	422	6.4	2.29	16.2	338	<20	<50	0.05	<1	
C69376 (9956006)	<1	1.41	24	23	0.77	397	9.9	2.10	8.6	167	<20	<50	0.08	<1	
C69377 (9956007)	<1	0.86	6	23	2.92	1780	5.9	0.74	33.0	439	<20	<50	0.46	<1	
C69378 (9956008)	<1	0.85	6	23	2.91	1830	7.7	0.74	32.1	424	<20	<50	0.45	3	
C69379 (9956009)	<1	1.36	19	28	1.40	1120	5.7	1.74	23.8	430	<20	<50	0.24	<1	
C69380 (9956010)	<1	1.23	21	22	1.19	810	9.9	1.45	27.3	382	<20	<50	0.10	<1	
C69381 (9956011)	<1	1.22	24	25	1.23	1080	9.4	1.85	13.1	403	<20	<50	0.06	<1	
C69382 (9956012)	<1	1.17	13	29	1.99	1000	7.1	0.50	22.0	487	<20	<50	0.59	<1	
C69383 (9956013)	<1	1.05	21	24	0.98	698	7.7	1.80	10.3	330	<20	<50	0.09	<1	
C69384 (9956014)	<1	1.20	21	29	1.05	778	11.0	2.04	13.7	390	<20	<50	0.08	<1	
C69385 (9956015)	<1	1.25	22	26	1.23	1100	6.8	2.03	16.7	407	<20	<50	0.11	<1	
C69386 (9956016)	<1	0.43	10	10	4.27	1290	0.6	2.26	103	871	<20	<50	0.10	<1	
C69387 (9956017)	<1	1.54	22	21	1.10	924	6.1	2.22	28.0	303	<20	<50	0.16	<1	
C69388 (9956018)	<1	1.14	25	21	0.85	498	9.2	2.31	8.5	341	<20	<50	0.17	<1	
C69389 (9956019)	<1	0.65	6	20	2.74	1820	5.3	0.65	33.1	451	<20	<50	0.21	<1	
C69390 (9956020)	<1	0.63	6	20	3.10	1700	13.8	0.63	34.7	428	<20	<50	0.17	3	
C69391 (9956021)	<1	0.81	6	28	3.24	1830	14.6	0.77	39.7	443	<20	<50	0.19	2	
C69392 (9956022)	<1	0.01	2	<1	1.72	115	<0.5	0.04	<0.5	71	<20	<50	0.14	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 10, 2019	DATE RECEIVED: Mar 11, 2019					DATE REPORTED: Apr 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
C69393 (9956023)	<1	0.62	6	21	3.13	1680	9.0	0.71	36.0	423	<20	<50	0.29	2	
C69394 (9956024)	<1	0.98	18	22	1.46	1180	8.9	1.29	14.0	376	<20	<50	0.14	<1	
C69395 (9956025)	<1	0.82	20	7	3.20	1500	4.3	1.90	55.2	862	<20	<50	0.15	2	
C69396 (9956026)	<1	0.85	21	7	3.07	1470	3.0	1.92	52.8	844	<20	<50	0.26	<1	
C69397 (9956027)	<1	1.42	28	25	0.98	592	7.5	2.30	9.3	332	<20	<50	0.53	<1	
C69398 (9956028)	<1	1.43	29	25	0.97	600	5.4	2.24	9.2	351	<20	<50	0.53	<1	
C69399 (9956029)	<1	1.27	57	22	0.79	317	9.6	2.16	13.6	244	<20	<50	1.54	<1	
C69400 (9956030)	<1	1.30	22	28	0.83	1040	6.3	2.22	8.1	304	<20	<50	0.25	<1	
C69401 (9956031)	<1	1.08	27	25	0.69	746	14.6	2.08	7.9	357	<20	<50	0.25	<1	
C69402 (9956032)	<1	1.00	9	19	0.47	173	7.6	2.13	7.0	36	<20	<50	0.28	<1	
C69403 (9956033)	<1	1.02	25	22	0.58	841	9.6	2.34	7.3	267	<20	<50	0.23	<1	
C69404 (9956034)	<1	1.36	25	24	0.64	545	6.5	2.68	7.4	249	<20	<50	0.12	<1	
C69405 (9956035)	<1	1.31	24	16	0.69	848	9.6	2.71	7.7	286	<20	<50	0.10	<1	
C69406 (9956036)	<1	0.47	10	11	4.61	1380	0.8	2.45	106	889	<20	<50	0.12	1	
C69407 (9956037)	<1	1.26	22	22	0.73	633	11.4	2.62	16.0	303	<20	<50	0.41	<1	
C69408 (9956038)	<1	1.25	24	29	0.95	611	13.1	2.37	7.1	343	<20	<50	0.13	<1	
C69409 (9956039)	<1	1.25	25	26	0.86	621	6.8	2.35	6.8	325	<20	<50	0.12	<1	
C69410 (9956040)	<1	1.06	22	23	0.75	760	10.0	2.09	6.5	357	<20	<50	0.16	<1	
C69411 (9956041)	<1	1.35	22	29	0.96	724	5.2	2.06	7.3	348	<20	<50	0.12	<1	
C69412 (9956042)	<1	0.02	2	<1	2.31	119	<0.5	0.04	0.6	64	<20	<50	0.15	<1	
C69413 (9956043)	<1	1.49	22	31	1.14	1110	5.7	1.65	7.4	505	<20	<50	0.22	<1	
C69414 (9956044)	<1	1.39	29	32	1.61	847	7.8	1.46	35.2	717	<20	<50	0.18	<1	
C69415 (9956045)	<1	1.36	26	21	0.94	978	6.5	1.16	7.7	356	<20	<50	0.34	<1	
C69416 (9956046)	<1	1.65	28	23	0.56	347	9.1	1.48	8.5	296	<20	<50	0.36	<1	
C69417 (9956047)	<1	3.10	12	11	0.33	225	5.4	1.83	4.5	150	29	<50	0.17	<1	
C69418 (9956048)	<1	3.09	11	11	0.34	213	8.9	1.85	4.7	144	29	<50	0.16	<1	
C69419 (9956049)	<1	2.16	10	14	0.40	209	3.7	1.97	3.6	255	<20	<50	0.15	<1	
C69420 (9956050)	<1	1.80	15	15	0.45	275	8.3	2.12	4.7	240	<20	<50	0.11	<1	
C69421 (9956051)	<1	1.51	20	23	0.91	659	5.9	2.45	15.2	426	<20	<50	0.14	<1	
C69422 (9956052)	<1	2.09	103	54	8.72	1600	1.5	2.12	390	1820	<20	<50	0.38	<1	
C69423 (9956053)	<1	1.35	26	35	1.48	761	4.6	2.51	35.3	654	<20	<50	0.16	<1	
C69424 (9956054)	<1	1.28	25	18	0.96	716	7.1	2.31	10.2	403	<20	<50	0.05	<1	

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ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 10, 2019	DATE RECEIVED: Mar 11, 2019					DATE REPORTED: Apr 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
C69425 (9956055)	<1	2.16	78	27	8.64	1430	1.5	1.24	306	1430	<20	<50	0.21	<1	
C69426 (9956056)	<1	0.46	10	10	4.63	1400	1.0	2.47	106	897	<20	<50	0.11	4	
C69427 (9956057)	<1	1.22	24	19	0.82	882	8.1	2.46	8.5	365	<20	<50	0.21	<1	
C69428 (9956058)	<1	1.27	24	19	1.01	922	6.1	2.19	10.8	419	<20	<50	0.09	<1	
C69429 (9956059)	<1	1.40	27	24	1.01	811	8.4	2.46	18.1	788	<20	<50	0.32	<1	
C69430 (9956060)	<1	1.22	30	18	0.70	381	6.4	2.66	9.6	276	<20	<50	0.56	<1	
C69431 (9956061)	<1	3.73	6	16	0.19	99	8.1	1.78	5.0	48	<20	<50	0.11	<1	
C69432 (9956062)	<1	0.05	2	14	13.1	231	<0.5	0.04	0.6	47	<20	<50	0.11	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T445279

PROJECT: AGAT00564

5623 McADAM ROAD  
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CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 10, 2019	DATE RECEIVED: Mar 11, 2019					DATE REPORTED: Apr 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
C69361 (9955991)	42	<10	<5	92	<10	<10	<5	0.84	<5	<50	366	<1	30	144	
C69362 (9955992)	43	<10	<5	82	<10	<10	<5	0.88	<5	<50	365	<1	33	128	
C69363 (9955993)	42	<10	<5	79	<10	<10	<5	0.83	<5	<50	354	<1	30	144	
C69364 (9955994)	11	<10	<5	135	<10	<10	8	0.25	<5	<50	40.0	<1	30	84.5	
C69365 (9955995)	43	<10	<5	79	<10	<10	<5	0.85	<5	<50	364	<1	31	152	
C69366 (9955996)	45	<10	<5	117	<10	<10	<5	0.69	<5	<50	306	<1	22	80.1	
C69367 (9955997)	44	<10	<5	107	<10	<10	<5	0.89	<5	<50	377	<1	31	130	
C69368 (9955998)	44	<10	<5	118	<10	<10	<5	0.83	<5	<50	364	<1	29	127	
C69369 (9955999)	41	<10	<5	102	<10	<10	<5	0.80	<5	<50	338	<1	28	128	
C69370 (9956000)	38	<10	<5	91	<10	<10	<5	0.71	<5	<50	293	<1	28	155	
C69371 (9956001)	8	<10	<5	148	<10	<10	15	0.26	<5	<50	38.4	<1	10	120	
C69372 (9956002)	<1	<10	<5	70	<10	<10	5	<0.01	<5	<50	5.1	<1	2	2.8	
C69373 (9956003)	11	<10	<5	57	<10	<10	6	0.15	<5	<50	52.1	<1	21	103	
C69374 (9956004)	9	<10	<5	173	<10	<10	8	0.22	<5	<50	37.6	<1	17	114	
C69375 (9956005)	8	<10	<5	186	<10	<10	10	0.23	<5	<50	33.5	<1	11	107	
C69376 (9956006)	8	<10	<5	192	<10	<10	13	0.27	<5	<50	40.4	<1	7	152	
C69377 (9956007)	43	<10	<5	158	<10	<10	<5	0.83	<5	<50	346	<1	32	150	
C69378 (9956008)	42	<10	<5	158	<10	<10	<5	0.83	<5	<50	339	<1	31	148	
C69379 (9956009)	17	<10	<5	188	<10	<10	7	0.33	<5	<50	82.6	<1	27	200	
C69380 (9956010)	10	<10	<5	177	<10	<10	9	0.22	<5	<50	36.8	<1	22	274	
C69381 (9956011)	10	<10	<5	183	<10	<10	10	0.25	<5	<50	42.0	<1	25	123	
C69382 (9956012)	19	<10	<5	122	<10	<10	<5	0.38	<5	<50	122	<1	23	203	
C69383 (9956013)	9	<10	<5	218	<10	<10	9	0.23	<5	<50	36.5	<1	21	264	
C69384 (9956014)	9	<10	<5	181	<10	<10	8	0.22	<5	<50	31.1	<1	19	332	
C69385 (9956015)	10	<10	<5	179	<10	<10	10	0.24	<5	<50	35.9	<1	24	387	
C69386 (9956016)	34	<10	<5	249	<10	<10	<5	0.83	<5	<50	240	<1	22	87.4	
C69387 (9956017)	11	<10	<5	131	<10	<10	10	0.19	<5	<50	36.4	<1	21	181	
C69388 (9956018)	9	<10	<5	185	<10	<10	9	0.25	<5	<50	35.6	<1	14	114	
C69389 (9956019)	44	<10	<5	151	<10	<10	<5	0.85	<5	<50	365	<1	32	134	
C69390 (9956020)	44	<10	<5	144	<10	<10	<5	0.83	<5	<50	346	<1	29	136	
C69391 (9956021)	46	<10	<5	142	<10	<10	<5	0.87	<5	<50	371	<1	31	132	
C69392 (9956022)	<1	<10	<5	79	<10	<10	<5	<0.01	<5	<50	4.6	<1	2	2.7	

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T445279

PROJECT: AGAT00564

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 10, 2019	DATE RECEIVED: Mar 11, 2019					DATE REPORTED: Apr 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
C69393 (9956023)	41	<10	<5	144	<10	<10	<5	0.82	<5	<50	356	<1	28	137	
C69394 (9956024)	15	<10	<5	162	<10	<10	5	0.34	<5	<50	99.8	<1	25	108	
C69395 (9956025)	41	<10	<5	194	<10	<10	<5	1.05	<5	<50	318	<1	31	114	
C69396 (9956026)	38	<10	<5	198	<10	<10	<5	1.04	<5	<50	297	<1	29	132	
C69397 (9956027)	9	<10	<5	245	<10	<10	9	0.27	<5	<50	36.8	<1	11	1160	
C69398 (9956028)	9	<10	<5	240	<10	<10	9	0.26	<5	<50	37.1	<1	11	1080	
C69399 (9956029)	7	<10	<5	252	<10	<10	21	0.26	<5	<50	35.4	<1	8	3050	
C69400 (9956030)	9	<10	<5	174	<10	<10	8	0.22	<5	<50	28.2	<1	21	182	
C69401 (9956031)	9	<10	<5	168	<10	<10	11	0.20	<5	<50	29.0	<1	21	112	
C69402 (9956032)	3	<10	<5	270	<10	<10	5	0.19	<5	<50	13.9	<1	1	86.9	
C69403 (9956033)	9	<10	<5	162	<10	<10	10	0.20	<5	<50	24.1	<1	21	98.3	
C69404 (9956034)	8	<10	<5	158	<10	<10	11	0.21	<5	<50	27.0	<1	15	129	
C69405 (9956035)	10	<10	<5	178	<10	<10	11	0.22	<5	<50	30.9	<1	19	76.0	
C69406 (9956036)	35	<10	<5	270	<10	<10	<5	0.90	<5	<50	247	<1	23	94.2	
C69407 (9956037)	8	<10	<5	169	<10	<10	8	0.22	<5	<50	29.1	<1	16	132	
C69408 (9956038)	9	<10	<5	170	<10	<10	10	0.23	<5	<50	28.7	<1	17	110	
C69409 (9956039)	9	<10	<5	169	<10	<10	11	0.22	<5	<50	29.5	<1	17	83.2	
C69410 (9956040)	8	<10	<5	167	<10	<10	9	0.21	<5	<50	26.2	<1	20	102	
C69411 (9956041)	10	<10	<5	145	<10	<10	9	0.23	<5	<50	30.1	<1	17	80.3	
C69412 (9956042)	<1	<10	<5	75	<10	<10	6	<0.01	<5	<50	4.7	<1	2	2.5	
C69413 (9956043)	10	<10	<5	117	<10	<10	11	0.23	<5	<50	30.4	<1	20	180	
C69414 (9956044)	10	<10	<5	220	<10	<10	10	0.42	<5	<50	53.9	<1	17	104	
C69415 (9956045)	10	<10	<5	106	<10	<10	9	0.23	<5	<50	28.6	<1	17	103	
C69416 (9956046)	8	<10	<5	96	<10	<10	12	0.19	<5	<50	30.6	<1	13	103	
C69417 (9956047)	4	<10	<5	168	<10	<10	6	0.10	<5	<50	15.2	<1	6	74.5	
C69418 (9956048)	4	<10	<5	168	<10	<10	6	0.11	<5	<50	14.9	<1	5	78.9	
C69419 (9956049)	3	<10	<5	181	<10	<10	<5	0.14	<5	<50	18.3	<1	3	76.6	
C69420 (9956050)	5	<10	<5	146	<10	<10	10	0.15	<5	<50	20.1	<1	6	100	
C69421 (9956051)	7	<10	<5	227	<10	<10	9	0.25	<5	<50	33.3	<1	14	88.9	
C69422 (9956052)	23	<10	<5	957	<10	<10	<5	1.26	<5	<50	245	<1	36	124	
C69423 (9956053)	11	<10	<5	234	<10	<10	12	0.35	<5	<50	54.7	<1	18	67.3	
C69424 (9956054)	9	<10	<5	189	<10	<10	9	0.25	<5	<50	31.9	<1	17	81.4	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T445279

PROJECT: AGAT00564

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 10, 2019	DATE RECEIVED: Mar 11, 2019					DATE REPORTED: Apr 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Sample ID (AGAT ID)															
C69425 (9956055)	27	<10	<5	545	<10	<10	6	1.90	<5	<50	264	<1	27	109	
C69426 (9956056)	35	<10	<5	272	<10	<10	<5	0.91	<5	<50	249	<1	23	94.0	
C69427 (9956057)	10	<10	<5	181	<10	<10	9	0.22	<5	<50	30.7	<1	20	84.5	
C69428 (9956058)	10	<10	<5	171	<10	<10	9	0.26	<5	<50	34.4	<1	22	71.0	
C69429 (9956059)	10	<10	<5	219	<10	<10	13	0.26	<5	<50	44.8	<1	16	109	
C69430 (9956060)	7	<10	<5	228	<10	<10	11	0.24	<5	<50	32.0	<1	10	131	
C69431 (9956061)	1	<10	<5	300	<10	<10	<5	0.08	<5	<50	6.6	<1	1	49.1	
C69432 (9956062)	<1	<10	<5	158	<10	<10	<5	<0.01	<5	<50	7.6	<1	<1	7.4	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 10, 2019

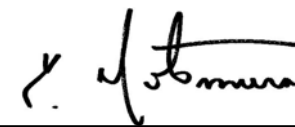
DATE RECEIVED: Mar 11, 2019

DATE REPORTED: Apr 02, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Zr
	Unit:	ppm
	RDL:	5
C69361 (9955991)		18
C69362 (9955992)		19
C69363 (9955993)		22
C69364 (9955994)		142
C69365 (9955995)		28
C69366 (9955996)		51
C69367 (9955997)		17
C69368 (9955998)		19
C69369 (9955999)		14
C69370 (9956000)		46
C69371 (9956001)		197
C69372 (9956002)		<5
C69373 (9956003)		79
C69374 (9956004)		150
C69375 (9956005)		139
C69376 (9956006)		196
C69377 (9956007)		37
C69378 (9956008)		32
C69379 (9956009)		133
C69380 (9956010)		183
C69381 (9956011)		175
C69382 (9956012)		112
C69383 (9956013)		160
C69384 (9956014)		129
C69385 (9956015)		154
C69386 (9956016)		90
C69387 (9956017)		131
C69388 (9956018)		124
C69389 (9956019)		23
C69390 (9956020)		15
C69391 (9956021)		23
C69392 (9956022)		<5

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T445279

PROJECT: AGAT00564

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 10, 2019      DATE RECEIVED: Mar 11, 2019      DATE REPORTED: Apr 02, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
C69393 (9956023)			23
C69394 (9956024)			114
C69395 (9956025)			133
C69396 (9956026)			132
C69397 (9956027)			114
C69398 (9956028)			120
C69399 (9956029)			107
C69400 (9956030)			165
C69401 (9956031)			187
C69402 (9956032)			186
C69403 (9956033)			168
C69404 (9956034)			162
C69405 (9956035)			154
C69406 (9956036)			87
C69407 (9956037)			167
C69408 (9956038)			165
C69409 (9956039)			162
C69410 (9956040)			175
C69411 (9956041)			159
C69412 (9956042)			<5
C69413 (9956043)			173
C69414 (9956044)			175
C69415 (9956045)			146
C69416 (9956046)			148
C69417 (9956047)			89
C69418 (9956048)			82
C69419 (9956049)			104
C69420 (9956050)			84
C69421 (9956051)			144
C69422 (9956052)			36
C69423 (9956053)			156
C69424 (9956054)			150

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T445279

PROJECT: AGAT00564

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

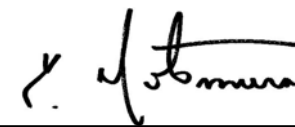
DATE SAMPLED: Mar 10, 2019	DATE RECEIVED: Mar 11, 2019	DATE REPORTED: Apr 02, 2019	SAMPLE TYPE: Drill Core
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	Analyte:	Zr	
	Unit:	ppm	
Sample ID (AGAT ID)	RDL:	5	
C69425 (9956055)		142	
C69426 (9956056)		91	
C69427 (9956057)		153	
C69428 (9956058)		161	
C69429 (9956059)		141	
C69430 (9956060)		142	
C69431 (9956061)		78	
C69432 (9956062)		<5	

Comments: RDL - Reported Detection Limit

9955991-9956062 As, Sb values may be low due to digestion losses.

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## Certificate of Analysis

AGAT WORK ORDER: 19T445279

PROJECT: AGAT00564

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 10, 2019      DATE RECEIVED: Mar 11, 2019      DATE REPORTED: Apr 02, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
C69361 (9955991)		0.037	
C69362 (9955992)		0.006	
C69363 (9955993)		0.044	
C69364 (9955994)		0.004	
C69365 (9955995)		0.029	
C69366 (9955996)		0.516	
C69367 (9955997)		0.005	
C69368 (9955998)		0.014	
C69369 (9955999)		0.002	
C69370 (9956000)		0.022	
C69371 (9956001)		0.003	
C69372 (9956002)		<0.001	
C69373 (9956003)		0.010	
C69374 (9956004)		0.004	
C69375 (9956005)		<0.001	
C69376 (9956006)		0.006	
C69377 (9956007)		0.015	
C69378 (9956008)		0.048	
C69379 (9956009)		<0.001	
C69380 (9956010)		<0.001	
C69381 (9956011)		<0.001	
C69382 (9956012)		0.001	
C69383 (9956013)		<0.001	
C69384 (9956014)		0.169	
C69385 (9956015)		<0.001	
C69386 (9956016)		0.324	
C69387 (9956017)		<0.001	
C69388 (9956018)		<0.001	
C69389 (9956019)		0.008	
C69390 (9956020)		0.161	
C69391 (9956021)		0.040	
C69392 (9956022)		<0.001	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T445279

PROJECT: AGAT00564

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 10, 2019      DATE RECEIVED: Mar 11, 2019      DATE REPORTED: Apr 02, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
C69393 (9956023)		0.033	
C69394 (9956024)		0.002	
C69395 (9956025)		<0.001	
C69396 (9956026)		0.001	
C69397 (9956027)		0.004	
C69398 (9956028)		0.004	
C69399 (9956029)		0.007	
C69400 (9956030)		<0.001	
C69401 (9956031)		<0.001	
C69402 (9956032)		0.001	
C69403 (9956033)		<0.001	
C69404 (9956034)		0.001	
C69405 (9956035)		<0.001	
C69406 (9956036)		0.335	
C69407 (9956037)		0.001	
C69408 (9956038)		0.006	
C69409 (9956039)		0.010	
C69410 (9956040)		<0.001	
C69411 (9956041)		<0.001	
C69412 (9956042)		<0.001	
C69413 (9956043)		<0.001	
C69414 (9956044)		<0.001	
C69415 (9956045)		0.004	
C69416 (9956046)		0.001	
C69417 (9956047)		<0.001	
C69418 (9956048)		<0.001	
C69419 (9956049)		<0.001	
C69420 (9956050)		<0.001	
C69421 (9956051)		<0.001	
C69422 (9956052)		<0.001	
C69423 (9956053)		0.003	
C69424 (9956054)		0.016	

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T445279

PROJECT: AGAT00564

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 10, 2019      DATE RECEIVED: Mar 11, 2019      DATE REPORTED: Apr 02, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C69425 (9956055)			0.002
C69426 (9956056)			0.339
C69427 (9956057)			0.009
C69428 (9956058)			0.013
C69429 (9956059)			0.004
C69430 (9956060)			0.029
C69431 (9956061)			<0.001
C69432 (9956062)			<0.001

Comments: RDL - Reported Detection Limit

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T445279

PROJECT: AGAT00564

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 10, 2019

DATE RECEIVED: Mar 11, 2019

DATE REPORTED: Apr 02, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
C69362 (9955992)		84
C69380 (9956010)		92
C69381 (9956011)		88
C69400 (9956030)		88
C69420 (9956050)		86
C69421 (9956051)		77

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	9955991	< 0.5	1.0		9956005	< 0.5	< 0.5	0.0%	9956017	< 0.5	< 0.5	0.0%	9956030	< 0.5	< 0.5	0.0%
Al	9955991	7.53	7.65	1.6%	9956005	7.63	7.53	1.3%	9956017	6.99	6.87	1.7%	9956030	7.39	7.38	0.1%
As	9955991	< 1	< 1	0.0%	9956005	< 1	< 1	0.0%	9956017	< 1	< 1	0.0%	9956030	< 1	< 1	0.0%
Ba	9955991	350	369	5.3%	9956005	274	265	3.3%	9956017	306	313	2.3%	9956030	365	365	0.0%
Be	9955991	< 0.5	< 0.5	0.0%	9956005	0.9	0.9	0.0%	9956017	1.1	1.1	0.0%	9956030	1.1	1.1	0.0%
Bi	9955991	11	9	20.0%	9956005	2	2	0.0%	9956017	< 1	2		9956030	3	3	0.0%
Ca	9955991	5.50	5.66	2.9%	9956005	2.97	2.81	5.5%	9956017	2.48	2.54	2.4%	9956030	2.58	2.63	1.9%
Cd	9955991	< 0.5	< 0.5	0.0%	9956005	< 0.5	< 0.5	0.0%	9956017	0.6	0.6	0.0%	9956030	1.3	1.4	7.4%
Ce	9955991	5	6	18.2%	9956005	47	46	2.2%	9956017	50	48	4.1%	9956030	50	48	4.1%
Co	9955991	43.4	41.5	4.5%	9956005	5.1	5.3	3.8%	9956017	7.4	7.34	0.8%	9956030	4.7	5.1	8.2%
Cr	9955991	84.4	69.3	19.6%	9956005	71.3	90.0	23.2%	9956017	83.9	94.6	12.0%	9956030	59.2	68.8	15.0%
Cu	9955991	265	263	0.8%	9956005	6.5	6.5	0.0%	9956017	30.9	31.0	0.3%	9956030	24.5	25.5	4.0%
Fe	9955991	11.0	11.4	3.6%	9956005	2.02	2.01	0.5%	9956017	2.36	2.32	1.7%	9956030	2.70	2.70	0.0%
Ga	9955991	31	31	0.0%	9956005	16	16	0.0%	9956017	14	14	0.0%	9956030	15	15	0.0%
In	9955991	< 1	< 1	0.0%	9956005	< 1	< 1	0.0%	9956017	< 1	< 1	0.0%	9956030	< 1	< 1	0.0%
K	9955991	1.65	1.71	3.6%	9956005	1.16	1.16	0.0%	9956017	1.54	1.51	2.0%	9956030	1.30	1.28	1.6%
La	9955991	6	7	15.4%	9956005	23	22	4.4%	9956017	22	24	8.7%	9956030	22	23	4.4%
Li	9955991	21	21	0.0%	9956005	26	26	0.0%	9956017	21	20	4.9%	9956030	28	27	3.6%
Mg	9955991	2.89	2.96	2.4%	9956005	0.89	0.88	1.1%	9956017	1.10	1.08	1.8%	9956030	0.83	0.83	0.0%
Mn	9955991	1880	1930	2.6%	9956005	422	417	1.2%	9956017	924	892	3.5%	9956030	1040	1060	1.9%
Mo	9955991	4.98	5.66	12.8%	9956005	6.44	6.98	8.0%	9956017	6.1	7.5	20.6%	9956030	6.3	6.6	4.7%
Na	9955991	0.87	0.90	3.4%	9956005	2.29	2.16	5.8%	9956017	2.22	2.30	3.5%	9956030	2.22	2.27	2.2%
Ni	9955991	37.8	36.2	4.3%	9956005	16.2	16.4	1.2%	9956017	28.0	28.0	0.0%	9956030	8.10	8.59	5.9%
P	9955991	476	471	1.1%	9956005	338	332	1.8%	9956017	303	314	3.6%	9956030	304	334	9.4%
Pb	9955991	< 20	< 20	0.0%	9956005	< 20	< 20	0.0%	9956017	< 20	< 20	0.0%	9956030	< 20	< 20	0.0%
Rb	9955991	< 50	< 50	0.0%	9956005	< 50	< 50	0.0%	9956017	< 50	< 50	0.0%	9956030	< 50	< 50	0.0%
S	9955991	0.61	0.63	3.2%	9956005	0.05	0.05	0.0%	9956017	0.16	0.16	0.0%	9956030	0.25	0.25	0.0%
Sb	9955991	3	4	28.6%	9956005	< 1	< 1	0.0%	9956017	< 1	< 1	0.0%	9956030	< 1	< 1	0.0%
Sc	9955991	42	42	0.0%	9956005	8	8	0.0%	9956017	11	10	9.5%	9956030	9	10	10.5%
Se	9955991	< 10	< 10	0.0%	9956005	< 10	< 10	0.0%	9956017	< 10	< 10	0.0%	9956030	< 10	< 10	0.0%
Sn	9955991	< 5	< 5	0.0%	9956005	< 5	< 5	0.0%	9956017	< 5	< 5	0.0%	9956030	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	9955991	92	96	4.3%	9956005	186	176	5.5%	9956017	131	135	3.0%	9956030	174	177	1.7%
Ta	9955991	< 10	< 10	0.0%	9956005	< 10	< 10	0.0%	9956017	< 10	< 10	0.0%	9956030	< 10	< 10	0.0%
Te	9955991	< 10	< 10	0.0%	9956005	< 10	< 10	0.0%	9956017	< 10	< 10	0.0%	9956030	< 10	< 10	0.0%
Th	9955991	< 5	< 5	0.0%	9956005	10	10	0.0%	9956017	10	10	0.0%	9956030	8	9	11.8%
Ti	9955991	0.84	0.87	3.5%	9956005	0.23	0.22	4.4%	9956017	0.19	0.202	4.6%	9956030	0.22	0.22	0.0%
Tl	9955991	< 5	< 5	0.0%	9956005	< 5	< 5	0.0%	9956017	< 5	< 5	0.0%	9956030	< 5	< 5	0.0%
U	9955991	< 50	< 50	0.0%	9956005	< 50	< 50	0.0%	9956017	< 50	< 50	0.0%	9956030	< 50	< 50	0.0%
V	9955991	366	367	0.3%	9956005	33.5	33.2	0.9%	9956017	36.4	35.2	3.4%	9956030	28.2	29.7	5.2%
W	9955991	< 1	< 1	0.0%	9956005	< 1	< 1	0.0%	9956017	< 1	< 1	0.0%	9956030	< 1	< 1	0.0%
Y	9955991	30	29	3.4%	9956005	11	11	0.0%	9956017	21	20	4.9%	9956030	21	22	4.7%
Zn	9955991	144	148	2.7%	9956005	107	102	4.8%	9956017	181	182	0.6%	9956030	182	187	2.7%
Zr	9955991	18	20	10.5%	9956005	139	127	9.0%	9956017	131	112	15.6%	9956030	165	167	1.2%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	9956041	< 0.5	< 0.5	0.0%	9956055	< 0.5	< 0.5	0.0%								
Al	9956041	7.54	7.47	0.9%	9956055	3.22	3.39	5.1%								
As	9956041	< 1	< 1	0.0%	9956055	< 1	< 1	0.0%								
Ba	9956041	350	343	2.0%	9956055	795	833	4.7%								
Be	9956041	1.0	1.0	0.0%	9956055	2.8	2.8	0.0%								
Bi	9956041	2	1		9956055	16	16	0.0%								
Ca	9956041	2.90	2.83	2.4%	9956055	7.02	7.24	3.1%								
Cd	9956041	< 0.5	< 0.5	0.0%	9956055	< 0.5	< 0.5	0.0%								
Ce	9956041	49	49	0.0%	9956055	171	171	0.0%								
Co	9956041	4.40	4.46	1.4%	9956055	55.7	55.2	0.9%								
Cr	9956041	54.1	53.8	0.6%	9956055	286	298	4.1%								
Cu	9956041	9.40	8.94	5.0%	9956055	111	114	2.7%								
Fe	9956041	2.12	2.10	0.9%	9956055	10.2	10.5	2.9%								
Ga	9956041	14	14	0.0%	9956055	29	30	3.4%								
In	9956041	< 1	< 1	0.0%	9956055	< 1	< 1	0.0%								
K	9956041	1.35	1.34	0.7%	9956055	2.16	2.25	4.1%								
La	9956041	22	23	4.4%	9956055	78	78	0.0%								
Li	9956041	29	29	0.0%	9956055	27	29	7.1%								
Mg	9956041	0.96	0.95	1.0%	9956055	8.64	8.94	3.4%								
Mn	9956041	724	733	1.2%	9956055	1430	1470	2.8%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	9956041	5.2	6.0	14.3%	9956055	1.47	1.28	13.8%								
Na	9956041	2.06	2.00	3.0%	9956055	1.24	1.29	4.0%								
Ni	9956041	7.34	7.04	4.2%	9956055	306	310	1.3%								
P	9956041	348	374	7.2%	9956055	1430	1590	10.6%								
Pb	9956041	< 20	< 20	0.0%	9956055	< 20	< 20	0.0%								
Rb	9956041	< 50	< 50	0.0%	9956055	< 50	< 50	0.0%								
S	9956041	0.12	0.12	0.0%	9956055	0.213	0.219	2.8%								
Sb	9956041	< 1	< 1	0.0%	9956055	< 1	< 1	0.0%								
Sc	9956041	10	10	0.0%	9956055	27	27	0.0%								
Se	9956041	< 10	< 10	0.0%	9956055	< 10	< 10	0.0%								
Sn	9956041	< 5	< 5	0.0%	9956055	< 5	< 5	0.0%								
Sr	9956041	145	141	2.8%	9956055	545	562	3.1%								
Ta	9956041	< 10	< 10	0.0%	9956055	< 10	< 10	0.0%								
Te	9956041	< 10	< 10	0.0%	9956055	< 10	< 10	0.0%								
Th	9956041	9	9	0.0%	9956055	6	5	18.2%								
Ti	9956041	0.225	0.218	3.2%	9956055	1.90	1.95	2.6%								
Tl	9956041	< 5	< 5	0.0%	9956055	< 5	< 5	0.0%								
U	9956041	< 50	< 50	0.0%	9956055	< 50	< 50	0.0%								
V	9956041	30.1	30.7	2.0%	9956055	264	265	0.4%								
W	9956041	< 1	< 1	0.0%	9956055	< 1	< 1	0.0%								
Y	9956041	17	18	5.7%	9956055	27	27	0.0%								
Zn	9956041	80.3	77.5	3.5%	9956055	109	110	0.9%								
Zr	9956041	159	160	0.6%	9956055	142	162	13.2%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	9955991	0.037	0.130		9956005	< 0.001	< 0.001	0.0%	9956017	< 0.001	< 0.001	0.0%	9956030	< 0.001	0.003	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	9956041	< 0.001	< 0.001	0.0%	9956055	0.002	< 0.001									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.Till-2)				CRM #4 (ref.GTS-2a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	11.27	103%	90% - 110%					8.17	8.43	103%	90% - 110%	6.96	7.08	102%	90% - 110%
As													124	120	96%	90% - 110%
Ba	340	333	98%	90% - 110%					540	521	97%	90% - 110%	186	178	96%	90% - 110%
Be	2.6	2.7	103%	90% - 110%					4.0	3.6	90%	90% - 110%				
Ca	5.72	5.61	98%	90% - 110%					0.907	0.902	99%	90% - 110%	4.01	3.93	98%	90% - 110%
Ce	122	118	97%	90% - 110%					98	98	100%	90% - 110%	24	23	95%	90% - 110%
Co													22.1	20.5	93%	90% - 110%
Cr									60.3	58.2	97%	90% - 110%				
Cu									150	150	100%	90% - 110%	88.6	83.1	94%	90% - 110%
Fe	4.34	4.18	96%	90% - 110%					3.77	3.74	99%	90% - 110%	7.56	7.45	99%	90% - 110%
Ga	35	34	96%	90% - 110%												
K	1.37	1.5	109%	90% - 110%									2.021	2.149	106%	90% - 110%
La	58	57	98%	90% - 110%					44	44	101%	90% - 110%				
Li	37	40	108%	90% - 110%					47	49	103%	90% - 110%				
Mg	0.325	0.319	98%	90% - 110%					1.10	1.14	103%	90% - 110%	2.412	2.587	107%	90% - 110%
Mn									780	748	96%	90% - 110%	1510	1456	96%	90% - 110%
Mo					14	13	92%	90% - 110%	14	14	101%	90% - 110%				
Na	5.267	5.296	101%	90% - 110%					1.624	1.698	105%	90% - 110%	0.617	0.628	102%	90% - 110%
Ni									32	31	96%	90% - 110%	77.1	71.3	92%	90% - 110%
P									750	717	96%	90% - 110%	892	898	101%	90% - 110%
Pb									31	28	90%	90% - 110%				
S													0.348	0.358	103%	90% - 110%
Sc	1.1	1	91%	90% - 110%					12	13	105%	90% - 110%				
Sr	1191	1222	103%	90% - 110%					144	156	109%	90% - 110%	92.8	92.3	100%	90% - 110%
Th									18.4	18	98%	90% - 110%				
Ti	0.172	0.168	98%	90% - 110%					0.53	0.49	92%	90% - 110%				
V	8	7.8	97%	90% - 110%					77	82	107%	90% - 110%				
Y	119	123	103%	90% - 110%												
Zn	93	94	101%	90% - 110%					130	124	95%	90% - 110%	208	213	102%	90% - 110%
CRM #5 (ref.SY-4)																
Parameter	Expect	Actual	Recovery	Limits												





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Al	10.95	10.4	95%	90% - 110%												
Ba	340	310	91%	90% - 110%												
Be	2.6	2.6	100%	90% - 110%												
Ca	5.72	5.23	91%	90% - 110%												
Ce	122	112	91%	90% - 110%												
Fe	4.34	3.92	90%	90% - 110%												
Ga	35	33	95%	90% - 110%												
K	1.37	1.4	102%	90% - 110%												
La	58	55	95%	90% - 110%												
Li	37	37	100%	90% - 110%												
Mg	0.325	0.297	91%	90% - 110%												
Na	5.267	5.123	97%	90% - 110%												
Sc	1.1	1	90%	90% - 110%												
Sr	1191	1183	99%	90% - 110%												
Ti	0.172	0.158	92%	90% - 110%												
V	8	7.6	95%	90% - 110%												
Y	119	121	101%	90% - 110%												
Zn	93	91	98%	90% - 110%												

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (REF.GS6F)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS5W)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.94	101%	90% - 110%	0.725	0.711	98%	90% - 110%	5.27	5.12	97%	90% - 110%	0.562	0.548	98%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00564  
 SAMPLING SITE:

AGAT WORK ORDER: 19T445279  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00565

AGAT WORK ORDER: 19T445282

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Apr 02, 2019

PAGES (INCLUDING COVER): 19

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

# Certificate of Analysis

AGAT WORK ORDER: 19T445282

PROJECT: AGAT00565

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (200-) Sample Login Weight

DATE SAMPLED: Mar 10, 2019

DATE RECEIVED: Mar 11, 2019

DATE REPORTED: Apr 02, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg
C69433 (9956082)		1.64
C69434 (9956083)		1.20
C69435 (9956084)		2.06
C69436 (9956085)		1.36
C69437 (9956086)		1.43
C69438 (9956087)		1.43
C69439 (9956088)		1.90
C69440 (9956089)		3.33
C69441 (9956090)		3.30
C69442 (9956091)		3.49
C69443 (9956092)		2.35
C69444 (9956093)		2.25
C69445 (9956094)		1.79
C69446 (9956095)		0.0700
C69447 (9956096)		2.19
C69448 (9956097)		2.28
C69449 (9956098)		1.76
C69450 (9956099)		2.34
C69451 (9956100)		2.98
C69452 (9956101)		2.36
C69453 (9956102)		3.12
C69454 (9956103)		2.87
C69455 (9956104)		2.45
C69456 (9956105)		3.41
C69457 (9956106)		1.54
C69458 (9956107)		1.54
C69459 (9956108)		1.16
C69460 (9956109)		1.26
C69461 (9956110)		1.85
C69462 (9956111)		1.93
C69463 (9956112)		0.650

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T445282

PROJECT: AGAT00565

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (200-) Sample Login Weight

DATE SAMPLED: Mar 10, 2019

DATE RECEIVED: Mar 11, 2019

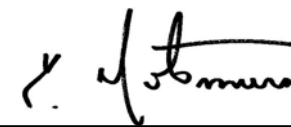
DATE REPORTED: Apr 02, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg
C69464 (9956113)		0.940
C69465 (9956114)		3.30
C69466 (9956115)		0.0700
C69467 (9956116)		1.69
C69468 (9956117)		1.18
C69469 (9956118)		1.60
C69470 (9956119)		1.56
C69471 (9956120)		1.07
C69472 (9956121)		1.48
C69473 (9956122)		2.86
C69474 (9956123)		1.79
C69475 (9956124)		3.27
C69476 (9956125)		2.77
C69477 (9956126)		2.37
C69478 (9956127)		2.37
C69479 (9956128)		2.74

Comments: RDL - Reported Detection Limit

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T445282

PROJECT: AGAT00565

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 10, 2019	DATE RECEIVED: Mar 11, 2019					DATE REPORTED: Apr 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C69433 (9956082)	<0.5	1.69	<1	345	<0.5	1	0.53	<0.5	6	4.6	195	22.3	1.49	5	
C69434 (9956083)	<0.5	8.32	<1	627	0.9	1	2.58	<0.5	131	3.5	116	11.6	2.50	17	
C69435 (9956084)	<0.5	7.74	<1	439	1.3	2	2.86	<0.5	63	4.0	103	12.1	2.25	15	
C69436 (9956085)	<0.5	6.41	<1	367	1.2	<1	2.32	<0.5	53	3.6	117	11.2	2.02	13	
C69437 (9956086)	<0.5	5.66	<1	1680	0.8	<1	1.49	<0.5	12	2.4	137	18.7	3.24	19	
C69438 (9956087)	<0.5	5.78	<1	1750	0.7	2	1.50	<0.5	11	2.3	134	18.5	3.26	19	
C69439 (9956088)	<0.5	7.60	<1	491	1.0	2	2.62	<0.5	49	7.2	107	62.9	2.79	17	
C69440 (9956089)	<0.5	7.58	<1	341	0.8	3	2.55	<0.5	55	3.3	92.4	28.5	2.05	15	
C69441 (9956090)	<0.5	7.74	<1	260	1.1	<1	2.71	<0.5	58	3.5	101	2.2	2.05	16	
C69442 (9956091)	<0.5	7.76	<1	391	1.0	1	2.54	<0.5	52	3.5	83.7	6.7	2.07	16	
C69443 (9956092)	<0.5	7.97	2	469	1.1	<1	2.64	<0.5	68	3.6	82.5	10.1	1.98	17	
C69444 (9956093)	0.5	6.80	<1	4780	0.5	<1	1.15	<0.5	8	1.0	99.9	28.3	2.30	14	
C69445 (9956094)	0.5	8.10	1	6210	0.6	<1	1.10	<0.5	8	<0.5	101	36.4	1.69	14	
C69446 (9956095)	<0.5	7.54	<1	144	<0.5	4	7.00	<0.5	2	40.5	150	158	8.07	22	
C69447 (9956096)	0.7	6.11	<1	1610	<0.5	1	0.47	<0.5	3	7.0	122	134	3.88	17	
C69448 (9956097)	<0.5	6.81	2	5980	<0.5	<1	0.79	<0.5	8	<0.5	91.6	8.5	0.72	10	
C69449 (9956098)	<0.5	7.57	<1	472	0.8	1	2.46	<0.5	63	2.9	79.5	21.9	1.85	15	
C69450 (9956099)	<0.5	7.50	2	243	1.0	<1	2.60	0.6	68	6.0	83.3	65.0	2.06	16	
C69451 (9956100)	<0.5	7.46	<1	281	1.2	2	2.75	<0.5	54	4.4	108	29.0	3.16	16	
C69452 (9956101)	<0.5	0.08	3	18	<0.5	<1	32.9	<0.5	<1	0.5	8.5	<0.5	0.10	<5	
C69453 (9956102)	<0.5	7.54	<1	382	0.9	2	2.45	0.6	58	5.5	89.0	36.9	2.38	15	
C69454 (9956103)	<0.5	7.32	<1	331	0.9	<1	2.43	<0.5	40	4.9	95.2	32.0	2.14	15	
C69455 (9956104)	<0.5	7.33	<1	320	1.0	2	2.61	0.6	63	5.5	116	33.6	2.31	15	
C69456 (9956105)	<0.5	7.14	<1	451	1.6	2	3.14	0.9	62	18.8	156	25.2	3.07	16	
C69457 (9956106)	<0.5	7.86	<1	298	1.8	2	2.70	1.7	57	14.7	74.4	22.6	2.56	16	
C69458 (9956107)	<0.5	7.54	2	296	1.8	<1	2.59	1.7	57	15.1	80.2	23.0	2.56	16	
C69459 (9956108)	<0.5	7.21	<1	251	1.5	1	2.34	2.3	51	14.0	70.9	27.0	2.86	15	
C69460 (9956109)	<0.5	7.38	<1	330	3.4	2	2.71	1.6	64	10.5	120	8.9	2.77	16	
C69461 (9956110)	<0.5	3.03	<1	722	1.5	17	6.82	<0.5	86	56.1	537	95.3	8.44	26	
C69462 (9956111)	<0.5	7.31	<1	490	1.7	2	2.86	1.9	54	15.7	116	8.8	2.87	15	
C69463 (9956112)	<0.5	6.47	<1	589	2.2	3	3.51	1.9	62	13.1	113	17.3	3.08	14	
C69464 (9956113)	<0.5	1.83	<1	713	1.3	14	7.16	<0.5	135	61.4	405	69.7	7.56	16	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T445282

PROJECT: AGAT00565

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 10, 2019	DATE RECEIVED: Mar 11, 2019					DATE REPORTED: Apr 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C69465 (9956114)	<0.5	7.24	<1	400	1.0	2	2.43	1.8	58	11.5	128	49.7	3.59	17	
C69466 (9956115)	<0.5	7.70	<1	145	<0.5	3	6.94	<0.5	2	40.7	148	157	8.01	23	
C69467 (9956116)	<0.5	7.22	<1	508	1.1	1	2.23	1.0	57	4.1	84.7	25.6	2.07	16	
C69468 (9956117)	<0.5	3.72	<1	295	5.2	3	7.11	0.8	109	33.1	218	53.5	5.32	15	
C69469 (9956118)	<0.5	6.97	1	464	6.3	1	3.32	3.7	65	8.3	98.0	17.8	2.52	13	
C69470 (9956119)	<0.5	7.39	<1	481	2.4	2	2.54	4.8	54	5.9	104	31.0	2.75	14	
C69471 (9956120)	<0.5	5.37	<1	276	2.5	<1	1.93	0.9	27	7.9	128	27.0	2.10	12	
C69472 (9956121)	<0.5	0.07	<1	14	<0.5	<1	31.2	<0.5	<1	0.5	3.4	<0.5	0.11	<5	
C69473 (9956122)	<0.5	7.82	2	1650	0.8	1	2.40	<0.5	17	2.0	82.6	8.9	1.38	15	
C69474 (9956123)	<0.5	7.42	<1	2270	0.6	<1	1.83	<0.5	30	2.9	92.6	27.6	1.88	15	
C69475 (9956124)	<0.5	7.19	<1	298	1.1	1	2.67	1.8	60	6.9	122	37.3	2.73	15	
C69476 (9956125)	<0.5	7.62	<1	315	0.7	1	2.57	0.9	70	5.8	123	18.5	2.67	16	
C69477 (9956126)	<0.5	7.23	2	780	0.7	<1	2.08	0.5	45	3.4	108	16.4	1.39	15	
C69478 (9956127)	<0.5	7.82	<1	828	0.6	<1	2.12	0.5	47	3.2	102	16.6	1.49	15	
C69479 (9956128)	<0.5	8.04	<1	656	0.6	1	2.33	0.7	53	3.2	140	17.4	1.81	16	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T445282

PROJECT: AGAT00565

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 10, 2019	DATE RECEIVED: Mar 11, 2019					DATE REPORTED: Apr 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
C69433 (9956082)	<1	0.52	2	10	0.19	123	25.6	0.54	11.8	16	<20	<50	0.30	<1	
C69434 (9956083)	<1	1.44	65	19	0.74	304	17.0	2.86	8.4	201	<20	<50	0.12	1	
C69435 (9956084)	<1	1.40	27	22	0.73	401	15.0	2.56	8.8	328	<20	<50	0.13	<1	
C69436 (9956085)	<1	1.10	23	20	0.70	329	19.4	1.95	8.9	375	<20	<50	0.13	<1	
C69437 (9956086)	<1	1.74	6	9	0.16	190	13.1	1.96	7.9	23	<20	<50	0.19	<1	
C69438 (9956087)	<1	1.81	6	9	0.16	192	17.1	2.00	7.6	30	<20	<50	0.20	<1	
C69439 (9956088)	<1	1.26	22	17	0.69	314	11.5	2.76	10.6	444	<20	<50	0.60	<1	
C69440 (9956089)	<1	1.16	23	21	0.68	552	14.6	2.53	7.3	326	<20	<50	0.25	<1	
C69441 (9956090)	<1	1.24	24	31	0.84	861	11.9	2.30	6.6	361	<20	<50	0.04	<1	
C69442 (9956091)	<1	1.27	23	25	0.77	578	12.9	2.48	6.8	273	<20	<50	0.12	<1	
C69443 (9956092)	<1	1.22	28	20	0.62	333	9.9	2.71	8.2	259	<20	<50	0.16	<1	
C69444 (9956093)	<1	4.10	4	8	0.19	157	15.8	1.71	8.4	45	<20	<50	0.39	<1	
C69445 (9956094)	<1	4.42	4	8	0.15	101	10.0	2.04	8.9	68	21	<50	0.44	<1	
C69446 (9956095)	<1	0.21	4	12	4.44	1460	0.5	2.37	86.8	401	<20	<50	0.17	<1	
C69447 (9956096)	<1	4.91	3	5	0.11	184	14.4	0.94	20.5	39	27	<50	1.17	<1	
C69448 (9956097)	<1	4.80	5	5	0.07	65	12.2	1.61	5.2	50	<20	<50	0.10	<1	
C69449 (9956098)	<1	1.06	28	16	0.47	169	13.2	2.67	6.4	139	<20	<50	0.21	<1	
C69450 (9956099)	<1	0.93	28	17	0.43	206	11.5	2.79	9.0	166	<20	<50	0.58	<1	
C69451 (9956100)	<1	1.35	22	26	0.89	1190	17.1	2.17	7.6	352	<20	<50	0.40	<1	
C69452 (9956101)	<1	0.02	2	1	2.20	116	<0.5	0.04	0.8	76	<20	<50	0.13	<1	
C69453 (9956102)	<1	1.58	24	23	0.62	562	12.3	2.50	8.6	300	<20	<50	0.48	<1	
C69454 (9956103)	<1	0.99	17	23	0.53	755	15.8	2.54	6.7	187	<20	<50	0.44	<1	
C69455 (9956104)	<1	1.08	27	22	0.71	389	12.3	2.72	15.4	263	<20	<50	0.45	<1	
C69456 (9956105)	<1	1.49	27	31	1.81	1210	14.3	2.97	81.6	558	<20	<50	0.21	<1	
C69457 (9956106)	<1	1.26	24	19	0.58	1350	9.6	3.05	24.7	304	<20	<50	0.33	<1	
C69458 (9956107)	<1	1.25	23	19	0.59	1230	13.7	2.89	24.2	291	<20	<50	0.33	<1	
C69459 (9956108)	<1	1.27	21	19	0.60	2160	7.2	2.60	13.5	282	<20	<50	0.39	<1	
C69460 (9956109)	<1	1.25	28	30	0.94	1580	17.2	2.97	33.3	513	23	<50	0.13	<1	
C69461 (9956110)	<1	2.79	47	30	10.3	1350	2.3	1.36	437	1840	<20	<50	0.19	<1	
C69462 (9956111)	<1	1.31	22	24	1.07	1480	13.9	3.26	37.6	474	<20	<50	0.15	<1	
C69463 (9956112)	<1	1.43	26	33	1.52	1630	7.4	3.33	44.8	867	<20	<50	0.14	<1	
C69464 (9956113)	<1	2.24	62	48	11.9	1280	2.0	1.79	526	1750	<20	<50	0.15	<1	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T445282

PROJECT: AGAT00565

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 10, 2019	DATE RECEIVED: Mar 11, 2019					DATE REPORTED: Apr 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
Sample ID (AGAT ID)	<1	1.29	25	21	0.75	1560	12.5	2.64	23.8	252	<20	<50	0.83	<1	
C69465 (9956114)	<1	0.22	4	13	4.56	1440	<0.5	2.36	88.0	406	<20	<50	0.17	2	
C69466 (9956115)	<1	1.89	24	22	0.60	282	12.7	2.54	9.6	196	<20	<50	0.39	<1	
C69467 (9956116)	<1	1.57	52	92	6.41	1360	3.9	3.17	255	2050	<20	<50	0.35	<1	
C69468 (9956117)	<1	1.59	27	36	1.19	1640	11.5	3.07	34.1	909	<20	<50	0.31	<1	
C69469 (9956118)	<1	1.13	22	15	0.55	1360	11.8	2.56	9.7	371	<20	<50	0.43	<1	
C69470 (9956119)	<1	0.94	13	30	0.58	647	17.8	2.22	21.0	421	<20	<50	0.41	<1	
C69471 (9956120)	<1	0.02	2	1	2.81	141	<0.5	0.04	0.8	79	<20	<50	0.11	<1	
C69472 (9956121)	<1	1.98	10	20	0.42	148	7.7	2.57	8.1	85	<20	<50	0.12	<1	
C69473 (9956122)	<1	2.61	15	20	0.47	178	14.1	2.17	11.4	79	<20	<50	0.32	<1	
C69474 (9956123)	<1	1.13	25	25	0.77	1340	12.3	2.41	18.8	294	<20	<50	0.43	<1	
C69475 (9956124)	<1	1.21	28	33	0.73	1250	15.9	2.30	18.2	331	<20	<50	0.25	<1	
C69476 (9956125)	<1	2.44	20	14	0.39	204	10.4	2.34	8.9	148	<20	<50	0.22	<1	
C69477 (9956126)	<1	2.46	20	15	0.42	218	13.3	2.39	8.2	131	<20	<50	0.25	<1	
C69478 (9956127)	<1	2.08	24	23	0.54	398	11.5	2.45	6.3	125	<20	<50	0.24	<1	
C69479 (9956128)															

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T445282

PROJECT: AGAT00565

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 10, 2019	DATE RECEIVED: Mar 11, 2019					DATE REPORTED: Apr 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
C69433 (9956082)	2	<10	<5	62	<10	<10	7	0.09	<5	<50	10.2	<1	1	49.3	
C69434 (9956083)	6	<10	<5	303	<10	<10	26	0.28	<5	<50	34.3	<1	8	150	
C69435 (9956084)	9	<10	<5	208	<10	<10	11	0.22	<5	<50	36.9	<1	12	136	
C69436 (9956085)	7	<10	<5	174	<10	<10	11	0.18	<5	<50	37.8	<1	11	125	
C69437 (9956086)	2	<10	<5	250	<10	<10	6	0.11	<5	<50	23.5	<1	2	98.7	
C69438 (9956087)	2	<10	<5	257	<10	<10	5	0.12	<5	<50	23.8	<1	2	98.1	
C69439 (9956088)	7	<10	<5	247	<10	<10	10	0.24	<5	<50	32.0	<1	9	150	
C69440 (9956089)	9	<10	<5	163	<10	<10	10	0.22	<5	<50	28.0	<1	12	125	
C69441 (9956090)	9	<10	<5	149	<10	<10	11	0.21	<5	<50	26.8	<1	20	110	
C69442 (9956091)	9	<10	<5	185	<10	<10	10	0.23	<5	<50	30.3	<1	14	122	
C69443 (9956092)	8	<10	<5	181	<10	<10	14	0.21	<5	<50	30.3	<1	9	149	
C69444 (9956093)	2	<10	<5	306	<10	<10	6	0.11	<5	<50	15.2	<1	1	81.9	
C69445 (9956094)	1	<10	<5	364	<10	<10	6	0.07	<5	<50	7.4	<1	2	64.8	
C69446 (9956095)	47	<10	<5	118	<10	<10	<5	0.68	<5	<50	317	<1	23	83.6	
C69447 (9956096)	1	<10	<5	305	<10	<10	<5	0.07	<5	<50	18.3	2	<1	86.8	
C69448 (9956097)	<1	<10	<5	345	<10	<10	<5	0.03	<5	<50	3.7	<1	<1	26.7	
C69449 (9956098)	5	<10	<5	258	<10	<10	13	0.22	<5	<50	31.6	<1	6	119	
C69450 (9956099)	7	<10	<5	169	<10	<10	14	0.18	<5	<50	33.2	<1	10	129	
C69451 (9956100)	9	<10	<5	151	<10	<10	10	0.20	<5	<50	27.1	<1	23	100	
C69452 (9956101)	<1	<10	<5	72	<10	<10	5	<0.01	<5	<50	5.0	<1	2	3.2	
C69453 (9956102)	8	<10	<5	168	<10	<10	10	0.22	<5	<50	32.5	<1	12	154	
C69454 (9956103)	6	<10	<5	225	<10	<10	8	0.17	<5	<50	21.4	<1	11	133	
C69455 (9956104)	8	<10	<5	194	<10	<10	14	0.24	<5	<50	32.9	<1	10	162	
C69456 (9956105)	12	<10	<5	246	<10	<10	12	0.42	<5	<50	63.3	<1	22	223	
C69457 (9956106)	10	<10	<5	168	<10	<10	11	0.21	<5	<50	30.7	<1	21	331	
C69458 (9956107)	9	<10	<5	160	<10	<10	11	0.20	<5	<50	28.9	<1	19	323	
C69459 (9956108)	13	<10	<5	152	<10	<10	9	0.18	<5	<50	24.6	<1	30	390	
C69460 (9956109)	16	<10	<5	208	<10	<10	15	0.26	<5	<50	47.3	<1	27	500	
C69461 (9956110)	21	<10	<5	670	<10	<10	7	2.13	<5	<50	287	6	20	92.9	
C69462 (9956111)	15	<10	<5	218	<10	<10	12	0.30	<5	<50	43.7	<1	31	382	
C69463 (9956112)	11	<10	<5	269	<10	<10	18	0.35	<5	<50	58.2	<1	39	593	
C69464 (9956113)	16	<10	<5	707	<10	<10	8	1.15	<5	<50	188	1	17	76.5	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T445282

PROJECT: AGAT00565

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 10, 2019	DATE RECEIVED: Mar 11, 2019					DATE REPORTED: Apr 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Sample ID (AGAT ID)															
C69465 (9956114)	12	<10	<5	158	<10	<10	12	0.25	<5	<50	35.6	<1	24	687	
C69466 (9956115)	47	<10	<5	117	<10	<10	<5	0.68	<5	<50	319	<1	23	85.7	
C69467 (9956116)	6	<10	<5	161	<10	<10	16	0.21	<5	<50	29.1	<1	6	297	
C69468 (9956117)	14	<10	<5	733	<10	<10	13	0.55	<5	<50	150	<1	44	421	
C69469 (9956118)	10	<10	<5	262	<10	<10	14	0.26	<5	<50	50.8	<1	27	843	
C69470 (9956119)	8	<10	<5	157	<10	<10	9	0.21	<5	<50	30.4	<1	21	816	
C69471 (9956120)	6	<10	<5	196	<10	<10	9	0.12	<5	<50	23.4	<1	11	211	
C69472 (9956121)	<1	<10	<5	70	<10	<10	6	<0.01	<5	<50	5.4	<1	2	3.6	
C69473 (9956122)	3	<10	<5	311	<10	<10	<5	0.14	<5	<50	20.3	<1	2	91.0	
C69474 (9956123)	4	<10	<5	266	<10	<10	8	0.19	<5	<50	23.3	<1	3	148	
C69475 (9956124)	10	<10	<5	192	<10	<10	12	0.22	<5	<50	28.0	<1	25	241	
C69476 (9956125)	11	<10	<5	188	<10	<10	12	0.22	<5	<50	30.4	<1	26	169	
C69477 (9956126)	5	<10	<5	202	<10	<10	10	0.16	<5	<50	25.6	1	4	146	
C69478 (9956127)	5	<10	<5	206	<10	<10	9	0.17	<5	<50	24.7	<1	4	151	
C69479 (9956128)	6	<10	<5	201	<10	<10	10	0.21	<5	<50	30.6	<1	5	241	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T445282

PROJECT: AGAT00565

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 10, 2019      DATE RECEIVED: Mar 11, 2019      DATE REPORTED: Apr 02, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C69433 (9956082)				219
C69434 (9956083)				145
C69435 (9956084)				150
C69436 (9956085)				125
C69437 (9956086)				235
C69438 (9956087)				229
C69439 (9956088)				139
C69440 (9956089)				159
C69441 (9956090)				191
C69442 (9956091)				145
C69443 (9956092)				164
C69444 (9956093)				251
C69445 (9956094)				233
C69446 (9956095)				55
C69447 (9956096)				80
C69448 (9956097)				53
C69449 (9956098)				135
C69450 (9956099)				162
C69451 (9956100)				190
C69452 (9956101)				<5
C69453 (9956102)				143
C69454 (9956103)				178
C69455 (9956104)				166
C69456 (9956105)				179
C69457 (9956106)				166
C69458 (9956107)				153
C69459 (9956108)				127
C69460 (9956109)				159
C69461 (9956110)				220
C69462 (9956111)				179
C69463 (9956112)				225
C69464 (9956113)				180

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T445282

PROJECT: AGAT00565

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 10, 2019      DATE RECEIVED: Mar 11, 2019      DATE REPORTED: Apr 02, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C69465 (9956114)				156
C69466 (9956115)				57
C69467 (9956116)				121
C69468 (9956117)				87
C69469 (9956118)				192
C69470 (9956119)				189
C69471 (9956120)				118
C69472 (9956121)				<5
C69473 (9956122)				97
C69474 (9956123)				139
C69475 (9956124)				183
C69476 (9956125)				174
C69477 (9956126)				91
C69478 (9956127)				92
C69479 (9956128)				104

Comments: RDL - Reported Detection Limit  
 9956082-9956128 As, Sb values may be low due to digestion losses.

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T445282

PROJECT: AGAT00565

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 10, 2019      DATE RECEIVED: Mar 11, 2019      DATE REPORTED: Apr 02, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C69433 (9956082)			0.005
C69434 (9956083)			0.005
C69435 (9956084)			0.002
C69436 (9956085)			0.004
C69437 (9956086)			0.003
C69438 (9956087)			0.003
C69439 (9956088)			0.009
C69440 (9956089)			0.004
C69441 (9956090)			0.003
C69442 (9956091)			0.002
C69443 (9956092)			0.002
C69444 (9956093)			0.003
C69445 (9956094)			0.009
C69446 (9956095)			0.529
C69447 (9956096)			0.029
C69448 (9956097)			0.002
C69449 (9956098)			0.010
C69450 (9956099)			0.005
C69451 (9956100)			0.008
C69452 (9956101)			<0.001
C69453 (9956102)			0.005
C69454 (9956103)			0.005
C69455 (9956104)			0.007
C69456 (9956105)			0.004
C69457 (9956106)			0.003
C69458 (9956107)			0.003
C69459 (9956108)			0.003
C69460 (9956109)			0.005
C69461 (9956110)			0.002
C69462 (9956111)			0.002
C69463 (9956112)			0.002
C69464 (9956113)			0.006

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T445282

PROJECT: AGAT00565

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 10, 2019

DATE RECEIVED: Mar 11, 2019

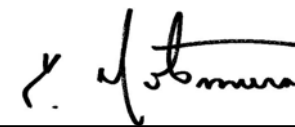
DATE REPORTED: Apr 02, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C69465 (9956114)			0.014
C69466 (9956115)			0.536
C69467 (9956116)			0.004
C69468 (9956117)			0.002
C69469 (9956118)			0.005
C69470 (9956119)			0.003
C69471 (9956120)			0.004
C69472 (9956121)			0.001
C69473 (9956122)			0.006
C69474 (9956123)			0.009
C69475 (9956124)			0.007
C69476 (9956125)			0.028
C69477 (9956126)			0.006
C69478 (9956127)			0.003
C69479 (9956128)			0.005

Comments: RDL - Reported Detection Limit

Certified By:





# Certificate of Analysis

AGAT WORK ORDER: 19T445282

PROJECT: AGAT00565

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 10, 2019	DATE RECEIVED: Mar 11, 2019	DATE REPORTED: Apr 02, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
C69433 (9956082)		80
C69453 (9956102)		81
C69473 (9956122)		81

Comments: RDL - Reported Detection Limit

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	9956082	< 0.5	< 0.5	0.0%	9956096	0.7	0.7	0.0%	9956107	< 0.5	< 0.5	0.0%	9956121	< 0.5	< 0.5	0.0%
Al	9956082	1.69	1.85	9.0%	9956096	6.11	6.60	7.7%	9956107	7.54	7.62	1.1%	9956121	0.07	0.07	0.0%
As	9956082	< 1	< 1	0.0%	9956096	< 1	< 1	0.0%	9956107	2	< 1		9956121	< 1	3	
Ba	9956082	345	366	5.9%	9956096	1610	1540	4.4%	9956107	296	294	0.7%	9956121	14	15	6.9%
Be	9956082	< 0.5	< 0.5	0.0%	9956096	< 0.5	< 0.5	0.0%	9956107	1.8	1.8	0.0%	9956121	< 0.5	< 0.5	0.0%
Bi	9956082	1	< 1		9956096	1	1	0.0%	9956107	< 1	< 1	0.0%	9956121	< 1	< 1	0.0%
Ca	9956082	0.528	0.566	6.9%	9956096	0.471	0.509	7.8%	9956107	2.59	2.61	0.8%	9956121	31.2	31.0	0.6%
Cd	9956082	< 0.5	< 0.5	0.0%	9956096	< 0.5	< 0.5	0.0%	9956107	1.7	1.7	0.0%	9956121	< 0.5	< 0.5	0.0%
Ce	9956082	6	8	28.6%	9956096	3	3	0.0%	9956107	57	57	0.0%	9956121	< 1	< 1	0.0%
Co	9956082	4.57	4.50	1.5%	9956096	6.97	6.61	5.3%	9956107	15.1	15.0	0.7%	9956121	0.51	0.67	27.1%
Cr	9956082	195	187	4.2%	9956096	122	127	4.0%	9956107	80.2	87.0	8.1%	9956121	3.4	3.4	0.0%
Cu	9956082	22.3	20.4	8.9%	9956096	134	141	5.1%	9956107	23.0	22.6	1.8%	9956121	< 0.5	< 0.5	0.0%
Fe	9956082	1.49	1.54	3.3%	9956096	3.88	4.36	11.7%	9956107	2.56	2.56	0.0%	9956121	0.106	0.104	1.9%
Ga	9956082	5	5	0.0%	9956096	17	17	0.0%	9956107	16	15	6.5%	9956121	< 5	< 5	0.0%
In	9956082	< 1	< 1	0.0%	9956096	< 1	< 1	0.0%	9956107	< 1	< 1	0.0%	9956121	< 1	< 1	0.0%
K	9956082	0.52	0.55	5.6%	9956096	4.91	5.56	12.4%	9956107	1.25	1.26	0.8%	9956121	0.02	0.02	0.0%
La	9956082	2	3		9956096	3	3	0.0%	9956107	23	24	4.3%	9956121	2	2	0.0%
Li	9956082	10	10	0.0%	9956096	5	5	0.0%	9956107	19	19	0.0%	9956121	1	1	0.0%
Mg	9956082	0.192	0.211	9.4%	9956096	0.11	0.11	0.0%	9956107	0.585	0.581	0.7%	9956121	2.81	2.75	2.2%
Mn	9956082	123	129	4.8%	9956096	184	199	7.8%	9956107	1230	1270	3.2%	9956121	141	140	0.7%
Mo	9956082	25.6	29.8	15.2%	9956096	14.4	14.6	1.4%	9956107	13.7	14.8	7.7%	9956121	< 0.5	< 0.5	0.0%
Na	9956082	0.54	0.60	10.5%	9956096	0.94	1.06	12.0%	9956107	2.89	2.96	2.4%	9956121	0.04	0.04	0.0%
Ni	9956082	11.8	11.8	0.0%	9956096	20.5	20.4	0.5%	9956107	24.2	24.9	2.9%	9956121	0.81	0.62	26.6%
P	9956082	16	20	22.2%	9956096	39	48	20.7%	9956107	291	305	4.7%	9956121	79	73	7.9%
Pb	9956082	< 20	< 20	0.0%	9956096	27	27	0.0%	9956107	< 20	< 20	0.0%	9956121	< 20	< 20	0.0%
Rb	9956082	< 50	< 50	0.0%	9956096	< 50	< 50	0.0%	9956107	< 50	< 50	0.0%	9956121	< 50	< 50	0.0%
S	9956082	0.30	0.29	3.4%	9956096	1.17	1.24	5.8%	9956107	0.33	0.33	0.0%	9956121	0.11	0.11	0.0%
Sb	9956082	< 1	< 1	0.0%	9956096	< 1	< 1	0.0%	9956107	< 1	< 1	0.0%	9956121	< 1	< 1	0.0%
Sc	9956082	2	2	0.0%	9956096	1	1	0.0%	9956107	9	9	0.0%	9956121	< 1	< 1	0.0%
Se	9956082	< 10	< 10	0.0%	9956096	< 10	< 10	0.0%	9956107	< 10	< 10	0.0%	9956121	< 10	< 10	0.0%
Sn	9956082	< 5	< 5	0.0%	9956096	< 5	< 5	0.0%	9956107	< 5	< 5	0.0%	9956121	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	9956082	62	69	10.7%	9956096	305	343	11.7%	9956107	160	162	1.2%	9956121	70	69	1.4%
Ta	9956082	< 10	< 10	0.0%	9956096	< 10	< 10	0.0%	9956107	< 10	< 10	0.0%	9956121	< 10	< 10	0.0%
Te	9956082	< 10	< 10	0.0%	9956096	< 10	< 10	0.0%	9956107	< 10	< 10	0.0%	9956121	< 10	< 10	0.0%
Th	9956082	7	7	0.0%	9956096	< 5	< 5	0.0%	9956107	11	11	0.0%	9956121	6	5	18.2%
Ti	9956082	0.09	0.09	0.0%	9956096	0.071	0.076	6.8%	9956107	0.20	0.20	0.0%	9956121	< 0.01	< 0.01	0.0%
Tl	9956082	< 5	< 5	0.0%	9956096	< 5	< 5	0.0%	9956107	< 5	< 5	0.0%	9956121	< 5	< 5	0.0%
U	9956082	< 50	< 50	0.0%	9956096	< 50	< 50	0.0%	9956107	< 50	< 50	0.0%	9956121	< 50	< 50	0.0%
V	9956082	10.2	10.1	1.0%	9956096	18.3	17.3	5.6%	9956107	28.9	29.2	1.0%	9956121	5.38	5.30	1.5%
W	9956082	< 1	< 1	0.0%	9956096	2	< 1		9956107	< 1	< 1	0.0%	9956121	< 1	< 1	0.0%
Y	9956082	1	1	0.0%	9956096	< 1	< 1	0.0%	9956107	19	20	5.1%	9956121	2	2	0.0%
Zn	9956082	49.3	51.3	4.0%	9956096	86.8	92.8	6.7%	9956107	323	329	1.8%	9956121	3.6	3.9	8.0%
Zr	9956082	219	212	3.2%	9956096	80	74	7.8%	9956107	153	166	8.2%	9956121	< 5	< 5	0.0%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	9956082	0.0051	0.0066	25.6%	9956096	0.0292	0.0264	10.1%	9956107	0.003	0.007		9956121	0.001	< 0.001	



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.GSP7M)				CRM #3 (ref.Till-2)				CRM #4 (ref.GTS-2a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	11.21	102%	90% - 110%					8.17	8.71	107%	90% - 110%	6.96	7.08	102%	90% - 110%
As									26	24	92%	90% - 110%	124	115	93%	90% - 110%
Ba	340	334	98%	90% - 110%					540	538	100%	90% - 110%	186	179	96%	90% - 110%
Be	2.6	2.6	100%	90% - 110%					4.0	3.7	92%	90% - 110%				
Ca	5.72	5.6	98%	90% - 110%					0.907	0.937	103%	90% - 110%	4.01	3.99	99%	90% - 110%
Ce	122	124	102%	90% - 110%					98	106	108%	90% - 110%	24	22	91%	90% - 110%
Co													22.1	21.3	97%	90% - 110%
Cr									60.3	60.9	101%	90% - 110%				
Cu									150	152	102%	90% - 110%	88.6	83.7	94%	90% - 110%
Fe	4.34	4.03	93%	90% - 110%					3.77	3.74	99%	90% - 110%	7.56	7.27	96%	90% - 110%
Ga	35	34	97%	90% - 110%												
K	1.37	1.5	110%	90% - 110%									2.021	2.111	104%	90% - 110%
La	58	55	95%	90% - 110%					44	44	100%	90% - 110%				
Li	37	39.6	107%	90% - 110%					47	48.9	104%	90% - 110%				
Mg	0.325	0.306	94%	90% - 110%					1.10	1.12	102%	90% - 110%	2.412	2.454	102%	90% - 110%
Mn									780	779	100%	90% - 110%	1510	1490	99%	90% - 110%
Mo					14	13	92%	90% - 110%	14	13	96%	90% - 110%				
Na	5.267	5.118	97%	90% - 110%					1.624	1.715	106%	90% - 110%	0.617	0.632	102%	90% - 110%
Ni									32	32	101%	90% - 110%	77.1	72.7	94%	90% - 110%
P									750	716	95%	90% - 110%	892	868	97%	90% - 110%
Pb									31	28	90%	90% - 110%				
S													0.348	0.34	98%	90% - 110%
Sb					0.8	0.6	79%	90% - 110%								
Sc	1.1	1	92%	90% - 110%					12	13	106%	90% - 110%				
Sr	1191	1171	98%	90% - 110%					144	158	109%	90% - 110%	92.8	91.9	99%	90% - 110%
Th									18.4	19.7	107%	90% - 110%				
Ti	0.172	0.165	96%	90% - 110%					0.53	0.48	91%	90% - 110%				
V	8	7	87%	90% - 110%					77	82	107%	90% - 110%				
Y	119	123	104%	90% - 110%												
Zn	93	92	98%	90% - 110%					130	129	99%	90% - 110%	208	215	103%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS5W)				CRM #4 (ref.GTS-2a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	7.2	105%	90% - 110%	0.725	0.688	95%	90% - 110%	5.27	5.17	98%	90% - 110%				

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00565  
 SAMPLING SITE:

AGAT WORK ORDER: 19T445282  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00567

AGAT WORK ORDER: 19T445711

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Apr 05, 2019

PAGES (INCLUDING COVER): 13

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

# Certificate of Analysis

AGAT WORK ORDER: 19T445711

PROJECT: AGAT00567

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (200-) Sample Login Weight

DATE SAMPLED: Mar 11, 2019      DATE RECEIVED: Mar 12, 2019      DATE REPORTED: Apr 05, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
A74753 (9960325)		2.39
A74754 (9960326)		2.19
A74755 (9960327)		2.40
A74756 (9960328)		2.58
A74757 (9960329)		2.25
A74758 (9960330)		2.25
A74759 (9960331)		2.23
A74760 (9960332)		1.10
A74761 (9960333)		1.19
A74762 (9960334)		2.18
A74763 (9960335)		2.46
A74764 (9960336)		2.12
A74765 (9960337)		2.28
A74766 (9960338)		0.0600
A74767 (9960339)		2.42
A74768 (9960340)		2.27
A74769 (9960341)		1.99
A74770 (9960342)		1.11
A74771 (9960343)		1.72
A74772 (9960344)		1.97
A74773 (9960345)		2.12
A74774 (9960346)		1.54
A74775 (9960347)		3.49
A74776 (9960348)		2.82
A74777 (9960349)		2.15
A74778 (9960350)		2.15
A74779 (9960351)		2.30
A74780 (9960352)		2.21
A74781 (9960353)		2.25

Comments: RDL - Reported Detection Limit

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T445711

PROJECT: AGAT00567

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 11, 2019	DATE RECEIVED: Mar 12, 2019							DATE REPORTED: Apr 05, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
A74753 (9960325)	<0.5	7.76	<1	810	1.2	1	3.80	<0.5	60	14.5	128	47.1	3.07	17	
A74754 (9960326)	<0.5	8.14	1	444	1.3	<1	2.55	2.3	45	19.2	121	128	2.62	20	
A74755 (9960327)	<0.5	7.74	2	379	1.2	1	2.42	3.2	42	29.3	125	169	3.61	18	
A74756 (9960328)	<0.5	8.37	<1	453	1.1	2	1.75	1.0	40	20.2	158	102	4.31	22	
A74757 (9960329)	<0.5	7.74	2	510	1.3	<1	1.86	<0.5	42	14.0	125	73.9	2.16	17	
A74758 (9960330)	<0.5	7.60	<1	496	1.3	<1	1.82	<0.5	45	14.2	121	72.7	2.16	17	
A74759 (9960331)	<0.5	7.72	2	300	1.1	<1	2.03	<0.5	74	5.6	89.1	10.7	1.40	16	
A74760 (9960332)	<0.5	7.27	<1	316	1.2	<1	2.03	<0.5	46	2.9	104	2.4	1.18	15	
A74761 (9960333)	<0.5	7.49	5	625	1.1	<1	1.89	<0.5	25	12.1	105	53.8	2.01	18	
A74762 (9960334)	<0.5	6.10	4	911	0.9	<1	1.33	<0.5	31	5.4	120	28.2	1.42	13	
A74763 (9960335)	<0.5	7.47	<1	925	1.1	<1	1.55	<0.5	5	11.4	122	63.9	2.56	18	
A74764 (9960336)	<0.5	8.87	2	590	1.8	<1	2.34	<0.5	33	14.3	99.8	78.9	2.32	20	
A74765 (9960337)	<0.5	8.27	11	465	1.2	2	2.21	1.5	40	23.1	204	146	4.94	20	
A74766 (9960338)	<0.5	7.47	<1	83	<0.5	6	7.43	<0.5	2	38.0	159	156	7.34	20	
A74767 (9960339)	<0.5	7.66	7	302	0.8	4	2.40	1.9	31	32.8	249	178	6.01	20	
A74768 (9960340)	1.2	7.58	<1	367	0.6	11	3.72	1.1	21	44.7	197	277	9.38	25	
A74769 (9960341)	<0.5	8.22	<1	579	1.7	<1	2.36	<0.5	42	6.3	113	23.2	1.87	20	
A74770 (9960342)	<0.5	6.44	<1	208	<0.5	4	5.52	<0.5	2	40.2	271	23.2	6.92	18	
A74771 (9960343)	<0.5	8.29	<1	485	0.6	4	3.91	<0.5	33	25.4	212	19.7	5.72	20	
A74772 (9960344)	<0.5	0.07	4	16	<0.5	<1	30.1	<0.5	<1	0.6	1.0	<0.5	0.11	<5	
A74773 (9960345)	<0.5	7.78	<1	571	0.9	<1	2.61	<0.5	39	15.3	131	12.5	3.51	16	
A74774 (9960346)	<0.5	7.31	<1	586	1.4	3	3.38	<0.5	44	19.0	143	26.9	4.57	17	
A74775 (9960347)	<0.5	3.05	<1	843	0.7	36	7.60	<0.5	327	41.2	773	92.8	9.30	25	
A74776 (9960348)	<0.5	2.24	<1	647	1.4	20	6.73	<0.5	154	72.6	770	71.1	9.98	23	
A74777 (9960349)	<0.5	8.52	<1	906	1.6	4	3.23	<0.5	130	11.3	64.0	25.8	3.52	19	
A74778 (9960350)	<0.5	8.49	<1	896	1.8	<1	3.18	<0.5	141	11.9	79.1	24.8	3.46	19	
A74779 (9960351)	<0.5	7.38	<1	799	1.4	3	2.50	<0.5	82	17.1	136	75.0	3.73	17	
A74780 (9960352)	<0.5	7.64	<1	465	1.0	3	3.30	<0.5	49	16.6	143	38.2	3.96	17	
A74781 (9960353)	<0.5	8.01	<1	463	1.3	1	2.49	<0.5	53	14.5	152	25.4	3.56	17	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T445711

PROJECT: AGAT00567

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 11, 2019	DATE RECEIVED: Mar 12, 2019					DATE REPORTED: Apr 05, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
A74753 (9960325)	<1	1.54	27	19	1.86	705	12.1	2.20	61.9	866	<20	<50	0.46	<1	
A74754 (9960326)	<1	2.56	20	12	0.93	339	16.7	2.35	68.1	477	<20	<50	1.10	<1	
A74755 (9960327)	<1	2.72	20	19	1.49	249	14.2	2.30	112	424	<20	<50	1.57	<1	
A74756 (9960328)	<1	3.67	19	18	1.30	297	15.8	2.65	87.7	405	<20	<50	1.54	<1	
A74757 (9960329)	<1	2.71	20	10	1.05	211	15.9	2.78	45.3	374	<20	<50	0.69	<1	
A74758 (9960330)	<1	2.62	21	10	1.04	209	17.7	2.72	45.2	366	<20	<50	0.67	<1	
A74759 (9960331)	<1	1.95	35	10	0.78	189	16.6	2.98	14.6	361	<20	<50	0.13	<1	
A74760 (9960332)	<1	1.42	23	7	0.44	154	21.2	3.10	12.1	303	<20	<50	0.03	<1	
A74761 (9960333)	<1	2.80	13	5	0.47	188	16.6	2.87	36.7	60	<20	<50	0.65	<1	
A74762 (9960334)	<1	2.64	15	3	0.28	124	20.7	2.25	17.6	109	<20	<50	0.34	<1	
A74763 (9960335)	<1	2.82	4	7	0.43	176	19.5	2.69	33.8	36	<20	<50	0.76	<1	
A74764 (9960336)	<1	2.62	16	13	0.85	265	14.7	3.32	47.7	350	<20	<50	0.92	<1	
A74765 (9960337)	<1	2.63	19	15	1.15	340	16.5	2.89	90.3	399	<20	<50	2.57	<1	
A74766 (9960338)	<1	0.25	4	14	4.46	1340	0.8	1.71	96.3	360	<20	<50	0.23	1	
A74767 (9960339)	<1	2.33	15	14	1.75	552	13.0	2.68	137	438	<20	<50	3.30	<1	
A74768 (9960340)	<1	2.06	12	16	1.84	844	9.5	2.33	142	609	<20	<50	4.98	2	
A74769 (9960341)	<1	1.80	19	9	0.77	334	17.9	3.05	19.3	547	<20	<50	0.39	<1	
A74770 (9960342)	<1	0.94	3	13	4.67	1690	5.1	1.53	103	200	<20	<50	0.25	<1	
A74771 (9960343)	<1	1.14	16	14	2.10	1430	11.9	2.53	75.2	601	<20	<50	0.14	<1	
A74772 (9960344)	<1	0.01	2	1	3.13	138	<0.5	0.04	0.7	77	<20	<50	0.13	<1	
A74773 (9960345)	<1	1.45	20	22	1.35	807	9.5	3.11	46.1	587	<20	<50	0.10	<1	
A74774 (9960346)	<1	1.45	22	33	1.96	970	7.5	3.51	62.2	757	<20	<50	0.13	<1	
A74775 (9960347)	<1	1.98	132	20	9.03	1520	3.0	0.86	369	2270	<20	<50	0.17	<1	
A74776 (9960348)	<1	1.31	72	7	13.3	1690	2.0	0.31	650	2430	<20	<50	0.14	<1	
A74777 (9960349)	<1	1.81	58	21	1.79	602	3.3	3.63	34.0	1830	<20	<50	0.12	<1	
A74778 (9960350)	<1	1.81	62	22	1.72	599	5.2	3.64	32.5	1880	<20	<50	0.12	<1	
A74779 (9960351)	<1	1.72	38	17	1.59	604	6.5	2.87	53.4	1050	<20	<50	0.28	<1	
A74780 (9960352)	<1	1.26	23	12	1.30	1340	11.2	2.55	59.5	482	<20	<50	0.15	<1	
A74781 (9960353)	<1	1.77	24	20	1.24	832	10.1	2.79	58.0	563	<20	<50	0.11	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T445711

PROJECT: AGAT00567

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 11, 2019

DATE RECEIVED: Mar 12, 2019

DATE REPORTED: Apr 05, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
A74753 (9960325)	10	<10	<5	539	<10	<10	9	0.29	<5	<50	79.3	<1	12	102
A74754 (9960326)	7	<10	<5	349	<10	<10	8	0.14	<5	<50	47.9	2	9	733
A74755 (9960327)	10	<10	<5	269	<10	<10	7	0.17	<5	<50	54.1	<1	10	1210
A74756 (9960328)	11	<10	<5	285	<10	<10	6	0.22	<5	<50	69.3	2	7	477
A74757 (9960329)	8	<10	<5	279	<10	<10	10	0.18	<5	<50	46.2	<1	7	228
A74758 (9960330)	8	<10	<5	272	<10	<10	10	0.18	<5	<50	45.6	<1	7	222
A74759 (9960331)	5	<10	<5	286	<10	<10	17	0.15	<5	<50	24.6	<1	6	176
A74760 (9960332)	4	<10	<5	274	<10	<10	13	0.13	<5	<50	24.6	<1	4	94.1
A74761 (9960333)	3	<10	<5	268	<10	<10	11	0.14	<5	<50	26.0	<1	2	138
A74762 (9960334)	2	<10	<5	271	<10	<10	14	0.09	<5	<50	17.5	<1	2	55.6
A74763 (9960335)	4	<10	<5	282	<10	<10	<5	0.16	<5	<50	33.7	<1	<1	110
A74764 (9960336)	9	<10	<5	349	<10	<10	8	0.15	<5	<50	50.2	<1	6	144
A74765 (9960337)	8	<10	<5	323	<10	<10	<5	0.15	<5	<50	47.3	<1	7	397
A74766 (9960338)	43	<10	<5	181	<10	<10	<5	0.60	<5	<50	277	<1	20	77.5
A74767 (9960339)	15	<10	<5	261	<10	<10	<5	0.26	<5	<50	95.2	<1	11	669
A74768 (9960340)	27	<10	<5	238	<10	<10	<5	0.57	<5	<50	188	<1	16	358
A74769 (9960341)	5	<10	<5	524	<10	<10	9	0.17	<5	<50	40.8	<1	8	182
A74770 (9960342)	44	<10	<5	283	<10	<10	<5	0.34	<5	<50	240	108	16	145
A74771 (9960343)	24	<10	<5	421	<10	<10	<5	0.44	<5	<50	160	<1	16	79.9
A74772 (9960344)	<1	<10	<5	63	<10	<10	6	<0.01	<5	<50	5.4	<1	2	3.6
A74773 (9960345)	14	<10	<5	436	<10	<10	7	0.32	<5	<50	103	<1	14	60.2
A74774 (9960346)	16	<10	<5	524	<10	<10	5	0.43	<5	<50	128	<1	16	72.8
A74775 (9960347)	23	<10	<5	690	<10	<10	22	3.00	<5	<50	258	4	31	92.3
A74776 (9960348)	23	<10	<5	691	<10	<10	6	1.66	<5	<50	219	11	25	97.9
A74777 (9960349)	9	<10	<5	738	<10	<10	12	0.43	<5	<50	87.0	<1	17	73.8
A74778 (9960350)	10	<10	<5	743	<10	<10	14	0.41	<5	<50	92.2	<1	18	72.1
A74779 (9960351)	13	<10	<5	571	<10	<10	9	0.37	<5	<50	105	<1	13	75.0
A74780 (9960352)	14	<10	<5	340	<10	<10	7	0.29	<5	<50	97.2	<1	17	68.7
A74781 (9960353)	13	<10	<5	295	<10	<10	8	0.31	<5	<50	94.9	<1	13	101

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T445711

PROJECT: AGAT00567

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 11, 2019

DATE RECEIVED: Mar 12, 2019

DATE REPORTED: Apr 05, 2019


SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
A74753 (9960325)			111
A74754 (9960326)			95
A74755 (9960327)			101
A74756 (9960328)			106
A74757 (9960329)			99
A74758 (9960330)			98
A74759 (9960331)			84
A74760 (9960332)			82
A74761 (9960333)			77
A74762 (9960334)			132
A74763 (9960335)			155
A74764 (9960336)			98
A74765 (9960337)			89
A74766 (9960338)			47
A74767 (9960339)			71
A74768 (9960340)			46
A74769 (9960341)			92
A74770 (9960342)			28
A74771 (9960343)			100
A74772 (9960344)			<5
A74773 (9960345)			97
A74774 (9960346)			126
A74775 (9960347)			285
A74776 (9960348)			193
A74777 (9960349)			177
A74778 (9960350)			194
A74779 (9960351)			126
A74780 (9960352)			81
A74781 (9960353)			81

Comments: RDL - Reported Detection Limit

9960325-9960353 As, Sb values may be low due to digestion losses.

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T445711

PROJECT: AGAT00567

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 11, 2019      DATE RECEIVED: Mar 12, 2019      DATE REPORTED: Apr 05, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
A74753 (9960325)			0.060
A74754 (9960326)			0.028
A74755 (9960327)			0.038
A74756 (9960328)			0.079
A74757 (9960329)			0.008
A74758 (9960330)			0.007
A74759 (9960331)			0.002
A74760 (9960332)			0.002
A74761 (9960333)			0.012
A74762 (9960334)			0.005
A74763 (9960335)			0.019
A74764 (9960336)			0.009
A74765 (9960337)			0.033
A74766 (9960338)			1.25
A74767 (9960339)			0.067
A74768 (9960340)			0.123
A74769 (9960341)			0.006
A74770 (9960342)			0.120
A74771 (9960343)			<0.001
A74772 (9960344)			<0.001
A74773 (9960345)			0.005
A74774 (9960346)			0.003
A74775 (9960347)			<0.001
A74776 (9960348)			<0.001
A74777 (9960349)			<0.001
A74778 (9960350)			<0.001
A74779 (9960351)			<0.001
A74780 (9960352)			<0.001
A74781 (9960353)			<0.001

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T445711

PROJECT: AGAT00567

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 11, 2019      DATE RECEIVED: Mar 12, 2019      DATE REPORTED: Apr 05, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
A74753 (9960325)		76
A74754 (9960326)		83
A74773 (9960345)		81

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	9960325	< 0.5	< 0.5	0.0%	9960339	< 0.5	< 0.5	0.0%	9960350	< 0.5	< 0.5	0.0%				
Al	9960325	7.76	8.37	7.6%	9960339	7.66	7.44	2.9%	9960350	8.49	8.57	0.9%				
As	9960325	< 1	3		9960339	7	6	15.4%	9960350	< 1	< 1	0.0%				
Ba	9960325	810	864	6.5%	9960339	302	293	3.0%	9960350	896	916	2.2%				
Be	9960325	1.2	1.3	8.0%	9960339	0.8	0.8	0.0%	9960350	1.8	1.8	0.0%				
Bi	9960325	1	2	66.7%	9960339	4	4	0.0%	9960350	< 1	2					
Ca	9960325	3.80	4.50	16.9%	9960339	2.40	2.33	3.0%	9960350	3.18	3.21	0.9%				
Cd	9960325	< 0.5	0.52	16.7%	9960339	1.9	1.8	5.4%	9960350	< 0.5	< 0.5	0.0%				
Ce	9960325	60	62	3.3%	9960339	31	30	3.3%	9960350	141	140	0.7%				
Co	9960325	14.5	15.2	4.7%	9960339	32.8	33.3	1.5%	9960350	11.9	11.7	1.7%				
Cr	9960325	128	128	0.0%	9960339	249	247	0.8%	9960350	79.1	75.7	4.4%				
Cu	9960325	47.1	50.2	6.4%	9960339	178	172	3.4%	9960350	24.8	25.8	4.0%				
Fe	9960325	3.07	3.30	7.2%	9960339	6.01	5.86	2.5%	9960350	3.46	3.53	2.0%				
Ga	9960325	17	18	5.7%	9960339	20	21	4.9%	9960350	19	20	5.1%				
In	9960325	< 1	< 1	0.0%	9960339	< 1	< 1	0.0%	9960350	< 1	< 1	0.0%				
K	9960325	1.54	1.65	6.9%	9960339	2.33	2.28	2.2%	9960350	1.81	1.84	1.6%				
La	9960325	27	28	3.6%	9960339	15	15	0.0%	9960350	62	62	0.0%				
Li	9960325	19	20	5.1%	9960339	14	13	7.4%	9960350	22	22	0.0%				
Mg	9960325	1.86	1.84	1.1%	9960339	1.75	1.71	2.3%	9960350	1.72	1.76	2.3%				
Mn	9960325	705	715	1.4%	9960339	552	535	3.1%	9960350	599	608	1.5%				
Mo	9960325	12.1	12.9	6.4%	9960339	13.0	12.8	1.6%	9960350	5.24	5.67	7.9%				
Na	9960325	2.20	2.36	7.0%	9960339	2.68	2.61	2.6%	9960350	3.64	3.65	0.3%				
Ni	9960325	61.9	64.2	3.6%	9960339	137	138	0.7%	9960350	32.5	32.2	0.9%				
P	9960325	866	904	4.3%	9960339	438	439	0.2%	9960350	1880	1890	0.5%				
Pb	9960325	< 20	< 20	0.0%	9960339	< 20	< 20	0.0%	9960350	< 20	< 20	0.0%				
Rb	9960325	< 50	< 50	0.0%	9960339	< 50	< 50	0.0%	9960350	< 50	< 50	0.0%				
S	9960325	0.46	0.46	0.0%	9960339	3.30	3.15	4.7%	9960350	0.12	0.12	0.0%				
Sb	9960325	< 1	< 1	0.0%	9960339	< 1	< 1	0.0%	9960350	< 1	< 1	0.0%				
Sc	9960325	10	10	0.0%	9960339	15	15	0.0%	9960350	10	10	0.0%				
Se	9960325	< 10	< 10	0.0%	9960339	< 10	< 10	0.0%	9960350	< 10	< 10	0.0%				
Sn	9960325	< 5	< 5	0.0%	9960339	< 5	< 5	0.0%	9960350	< 5	< 5	0.0%				



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	9960325	539	575	6.5%	9960339	261	253	3.1%	9960350	743	741	0.3%				
Ta	9960325	< 10	< 10	0.0%	9960339	< 10	< 10	0.0%	9960350	< 10	< 10	0.0%				
Te	9960325	< 10	< 10	0.0%	9960339	< 10	< 10	0.0%	9960350	< 10	< 10	0.0%				
Th	9960325	9	8	11.8%	9960339	< 5	< 5	0.0%	9960350	14	13	7.4%				
Ti	9960325	0.29	0.307	6.4%	9960339	0.257	0.250	2.8%	9960350	0.41	0.41	0.0%				
Tl	9960325	< 5	< 5	0.0%	9960339	< 5	< 5	0.0%	9960350	< 5	< 5	0.0%				
U	9960325	< 50	< 50	0.0%	9960339	< 50	< 50	0.0%	9960350	< 50	< 50	0.0%				
V	9960325	79.3	82.5	4.0%	9960339	95.2	94.6	0.6%	9960350	92.2	91.5	0.8%				
W	9960325	< 1	< 1	0.0%	9960339	< 1	< 1	0.0%	9960350	< 1	< 1	0.0%				
Y	9960325	12	12	0.0%	9960339	11	10	9.5%	9960350	18	18	0.0%				
Zn	9960325	102	116	12.8%	9960339	669	655	2.1%	9960350	72.1	74.6	3.4%				
Zr	9960325	111	115	3.5%	9960339	71	74	4.1%	9960350	194	187	3.7%				

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Au	9960325	0.0604	0.0555	8.5%	9960339	0.0667	0.0520	24.8%	9960350	< 0.001	< 0.001	0.0%				



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.GSP7M)				CRM #3 (ref.Till-2)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Al	10.95	11.39	104%	90% - 110%					8.17	8.71	107%	90% - 110%				
As									26	24	92%	90% - 110%				
Ba	340	336	99%	90% - 110%					540	531	98%	90% - 110%				
Be	2.6	2.6	100%	90% - 110%					4.0	3.5	87%	90% - 110%				
Ca	5.72	5.68	99%	90% - 110%					0.907	0.933	103%	90% - 110%				
Ce	122	120	98%	90% - 110%					98	98	100%	90% - 110%				
Cr									60.3	59.3	98%	90% - 110%				
Cu									150	152	101%	90% - 110%				
Fe	4.34	4.05	93%	90% - 110%					3.77	3.72	99%	90% - 110%				
Ga	35	32	92%	90% - 110%												
K	1.37	1.49	109%	90% - 110%												
La	58	54	93%	90% - 110%					44	42	96%	90% - 110%				
Li	37	39	105%	90% - 110%					47	48.0	102%	90% - 110%				
Mg	0.325	0.304	94%	90% - 110%					1.10	1.11	101%	90% - 110%				
Mn									780	769	99%	90% - 110%				
Mo					14	13	92%	90% - 110%	14	14	102%	90% - 110%				
Na	5.267	5.355	102%	90% - 110%					1.624	1.719	106%	90% - 110%				
Ni									32	32	99%	90% - 110%				
P									750	733	98%	90% - 110%				
Pb									31	28	90%	90% - 110%				
Sb					0.8	0.7	87%	90% - 110%								
Sc	1.1	1	90%	90% - 110%					12	13	105%	90% - 110%				
Sr	1191	1224	103%	90% - 110%					144	158	110%	90% - 110%				
Th									18.4	19	103%	90% - 110%				
Ti	0.172	0.167	97%	90% - 110%					0.53	0.49	92%	90% - 110%				
V	8	7	86%	90% - 110%					77	81	106%	90% - 110%				
Y	119	122	103%	90% - 110%												
Zn	93	95	102%	90% - 110%					130	128	98%	90% - 110%				

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP7M)				CRM #3 (ref.Till-2)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				





**AGAT** Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 19T445711

PROJECT: AGAT00567

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Au	6.87	6.36	93%	90% - 110%	0.725	0.682	94%	90% - 110%								
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## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00567  
 SAMPLING SITE:

AGAT WORK ORDER: 19T445711  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00574

AGAT WORK ORDER: 19T447979

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Apr 05, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T447979

PROJECT: AGAT00574

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 18, 2019

DATE RECEIVED: Mar 19, 2019

DATE REPORTED: Apr 05, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C69480 (9978039)		3.24
C69481 (9978040)		3.34
C69482 (9978041)		1.42
C69483 (9978042)		2.83
C69484 (9978043)		3.15
C69485 (9978044)		2.45
C69486 (9978045)		0.07
C69487 (9978046)		0.95
C69488 (9978047)		3.28
C69489 (9978048)		3.52
C69490 (9978049)		2.76
C69491 (9978050)		2.82
C69492 (9978051)		1.86
C69493 (9978052)		1.28
C69494 (9978053)		3.36
C69495 (9978054)		2.36
C69496 (9978055)		1.90
C69497 (9978056)		1.05
C69498 (9978057)		1.05
C69499 (9978058)		2.99
C69500 (9978059)		3.22
C69501 (9978060)		3.12
C69502 (9978061)		2.82
C69503 (9978062)		1.60
C69504 (9978063)		1.81
C69505 (9978064)		1.49
C69506 (9978065)		0.06
C69507 (9978066)		3.55
C69508 (9978067)		3.39
C69509 (9978068)		3.22
C69510 (9978069)		2.59

Certified By:



## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 18, 2019      DATE RECEIVED: Mar 19, 2019      DATE REPORTED: Apr 05, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C69511 (9978070)		1.42
C69512 (9978071)		1.62
C69513 (9978072)		1.50
C69514 (9978073)		2.19
C69515 (9978074)		1.29
C69516 (9978075)		1.63
C69517 (9978076)		3.62
C69518 (9978077)		3.62
C69519 (9978078)		2.90
C69520 (9978079)		2.51
C69521 (9978080)		3.12
C69522 (9978081)		3.25
C69523 (9978082)		3.04
C69524 (9978083)		1.29
C69525 (9978084)		1.10
C69526 (9978085)		0.07
C69527 (9978086)		3.18
C69528 (9978087)		1.67
C69529 (9978088)		2.86
C69530 (9978089)		2.20
C69531 (9978090)		2.68
C69532 (9978091)		2.54
C69533 (9978092)		1.30
C69534 (9978093)		2.24
C69535 (9978094)		2.24
C69536 (9978095)		2.37
C69537 (9978096)		2.21
C69538 (9978097)		2.21
C69539 (9978098)		2.06
C69540 (9978099)		2.20
C69541 (9978100)		2.29

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## Certificate of Analysis

AGAT WORK ORDER: 19T447979

PROJECT: AGAT00574

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 18, 2019      DATE RECEIVED: Mar 19, 2019      DATE REPORTED: Apr 05, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
C69542 (9978101)		2.12
C69543 (9978102)		1.51
C69544 (9978103)		1.69
C69545 (9978104)		1.37
C69546 (9978105)		0.07
C69547 (9978106)		1.26
C69548 (9978107)		0.87
C69549 (9978108)		1.30
C69550 (9978109)		1.83
C69551 (9978110)		1.18

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T447979

PROJECT: AGAT00574

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 18, 2019	DATE RECEIVED: Mar 19, 2019							DATE REPORTED: Apr 05, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C69480 (9978039)	<0.5	7.54	<1	353	0.6	<1	3.06	<0.5	44	8.7	176	1.9	3.93	24	
C69481 (9978040)	<0.5	7.44	3	358	0.7	<1	2.81	<0.5	49	7.6	116	1.9	3.48	23	
C69482 (9978041)	<0.5	7.19	<1	328	0.6	<1	2.81	<0.5	55	7.5	227	1.2	3.53	24	
C69483 (9978042)	<0.5	6.80	<1	318	0.8	<1	2.63	<0.5	50	6.6	108	0.7	2.82	22	
C69484 (9978043)	<0.5	5.14	2	751	5.7	<1	6.48	<0.5	136	20.6	172	41.7	5.04	31	
C69485 (9978044)	<0.5	6.51	16	371	2.0	<1	3.58	<0.5	71	10.4	120	7.4	3.51	24	
C69486 (9978045)	<0.5	7.04	<1	188	1.5	3	6.31	<0.5	20	39.5	184	106	7.46	34	
C69487 (9978046)	<0.5	6.34	2	281	<0.5	3	2.55	<0.5	34	7.0	133	1.0	3.13	20	
C69488 (9978047)	<0.5	7.69	<1	354	<0.5	4	3.11	<0.5	47	7.7	95.5	1.1	4.06	23	
C69489 (9978048)	<0.5	6.97	3	450	1.2	<1	3.89	<0.5	73	10.7	130	10.0	4.03	27	
C69490 (9978049)	<0.5	7.68	<1	353	<0.5	2	3.08	<0.5	44	7.0	98.6	1.5	3.64	23	
C69491 (9978050)	<0.5	7.44	4	510	0.8	3	3.62	<0.5	58	7.0	97.9	6.6	3.88	22	
C69492 (9978051)	<0.5	0.06	2	13	<0.5	<1	32.8	<0.5	<1	0.9	10.3	<0.5	0.10	12	
C69493 (9978052)	<0.5	1.88	<1	653	4.4	9	9.47	<0.5	156	54.6	542	81.3	8.04	35	
C69494 (9978053)	<0.5	7.18	<1	422	<0.5	<1	3.33	<0.5	51	8.0	88.8	1.8	3.61	24	
C69495 (9978054)	<0.5	7.12	<1	321	0.5	<1	3.10	<0.5	46	7.8	95.1	1.0	3.45	23	
C69496 (9978055)	<0.5	7.28	<1	371	0.8	<1	4.04	<0.5	66	9.3	126	7.4	4.11	25	
C69497 (9978056)	<0.5	2.29	6	950	4.0	4	13.3	<0.5	384	47.7	190	116	9.03	38	
C69498 (9978057)	<0.5	2.38	4	973	4.4	<1	13.4	<0.5	384	46.7	227	119	9.12	40	
C69499 (9978058)	<0.5	7.20	3	490	2.6	<1	3.80	<0.5	60	9.5	94.4	6.3	3.80	23	
C69500 (9978059)	<0.5	6.92	<1	414	0.5	<1	3.48	<0.5	60	9.0	103	2.0	3.59	24	
C69501 (9978060)	<0.5	7.05	12	381	1.3	2	3.54	<0.5	43	12.1	109	11.2	3.84	24	
C69502 (9978061)	<0.5	7.07	<1	384	<0.5	<1	3.26	<0.5	52	6.2	159	2.8	3.26	21	
C69503 (9978062)	<0.5	6.84	1	402	0.7	<1	3.00	<0.5	41	6.9	109	2.8	3.06	21	
C69504 (9978063)	<0.5	7.38	<1	373	<0.5	<1	3.17	<0.5	40	7.9	125	3.1	3.95	23	
C69505 (9978064)	<0.5	7.64	<1	364	<0.5	<1	3.35	<0.5	40	8.0	196	23.2	4.04	24	
C69506 (9978065)	<0.5	6.95	5	145	<0.5	4	6.80	<0.5	8	41.8	173	153	7.87	33	
C69507 (9978066)	<0.5	7.68	<1	520	1.0	1	4.16	<0.5	59	11.2	130	35.2	4.32	28	
C69508 (9978067)	<0.5	7.54	2	427	1.2	2	4.26	<0.5	69	10.7	131	19.8	4.15	27	
C69509 (9978068)	<0.5	7.08	<1	411	0.6	<1	3.00	<0.5	47	8.3	98.1	43.0	3.55	24	
C69510 (9978069)	<0.5	7.31	3	448	0.7	<1	3.19	<0.5	43	9.1	110	8.4	3.89	24	
C69511 (9978070)	<0.5	7.42	2	475	0.6	<1	2.95	<0.5	44	8.8	129	3.1	3.84	25	

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# Certificate of Analysis

AGAT WORK ORDER: 19T447979

PROJECT: AGAT00574

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 18, 2019	DATE RECEIVED: Mar 19, 2019							DATE REPORTED: Apr 05, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C69512 (9978071)	<0.5	0.06	5	13	<0.5	<1	32.4	<0.5	<1	0.9	10.0	<0.5	0.10	11	
C69513 (9978072)	<0.5	6.04	4	388	2.3	<1	4.17	<0.5	82	12.2	149	77.7	3.41	24	
C69514 (9978073)	<0.5	7.42	<1	445	0.7	<1	2.86	<0.5	53	6.0	103	65.0	2.83	22	
C69515 (9978074)	<0.5	6.87	<1	397	1.3	<1	3.60	<0.5	54	12.6	173	12.7	3.95	25	
C69516 (9978075)	<0.5	6.97	3	358	1.0	<1	2.99	<0.5	51	8.0	143	26.7	3.22	23	
C69517 (9978076)	<0.5	6.35	<1	218	4.0	2	6.55	<0.5	25	39.7	179	117	9.24	34	
C69518 (9978077)	<0.5	6.30	1	219	4.2	<1	6.59	<0.5	26	40.7	173	113	9.21	35	
C69519 (9978078)	<0.5	7.31	<1	390	2.3	<1	2.57	<0.5	50	5.6	99.3	1.5	3.02	23	
C69520 (9978079)	<0.5	6.94	2	370	2.4	<1	2.38	<0.5	49	6.2	107	1.4	2.87	24	
C69521 (9978080)	<0.5	7.06	2	363	1.2	<1	2.47	<0.5	57	5.9	103	1.2	3.04	22	
C69522 (9978081)	<0.5	6.41	8	341	0.6	<1	2.61	<0.5	51	7.3	164	5.5	2.97	21	
C69523 (9978082)	<0.5	6.83	20	291	<0.5	<1	2.57	<0.5	67	6.2	119	2.0	2.96	20	
C69524 (9978083)	<0.5	6.77	26	410	1.6	<1	3.28	<0.5	78	8.1	132	8.2	3.30	23	
C69525 (9978084)	<0.5	3.00	17	161	3.4	<1	10.0	<0.5	143	41.0	202	89.5	6.29	29	
C69526 (9978085)	<0.5	7.43	<1	196	1.1	5	6.67	<0.5	20	38.4	206	120	7.91	34	
C69527 (9978086)	<0.5	6.92	11	422	1.8	<1	2.53	<0.5	76	5.6	114	3.9	2.75	22	
C69528 (9978087)	<0.5	6.81	5	539	3.0	<1	2.77	<0.5	68	5.2	102	2.6	3.02	21	
C69529 (9978088)	<0.5	3.25	<1	1410	6.8	3	7.93	<0.5	232	42.1	410	120	8.54	38	
C69530 (9978089)	<0.5	3.11	<1	1120	4.8	<1	6.79	<0.5	101	62.5	639	166	9.47	41	
C69531 (9978090)	<0.5	2.61	33	344	8.5	<1	7.82	<0.5	127	45.4	294	120	8.76	39	
C69532 (9978091)	<0.5	0.07	1	16	<0.5	<1	31.9	<0.5	<1	1.0	15.5	<0.5	0.09	11	
C69533 (9978092)	<0.5	6.40	18	260	0.6	<1	2.54	<0.5	55	6.8	151	4.7	2.38	20	
C69534 (9978093)	<0.5	6.85	14	340	0.6	<1	2.48	<0.5	72	6.1	104	2.1	2.63	22	
C69535 (9978094)	<0.5	6.96	9	280	0.5	<1	2.69	<0.5	72	5.7	99.7	1.6	2.81	20	
C69536 (9978095)	<0.5	6.62	18	365	0.8	<1	2.49	<0.5	93	7.4	138	3.3	2.77	22	
C69537 (9978096)	<0.5	7.16	<1	347	<0.5	1	2.50	<0.5	53	5.9	126	2.3	3.05	22	
C69538 (9978097)	<0.5	6.98	2	340	0.6	<1	2.47	<0.5	55	6.9	126	1.7	2.99	23	
C69539 (9978098)	<0.5	6.46	5	488	1.8	<1	3.22	<0.5	92	10.0	147	10.3	3.17	24	
C69540 (9978099)	<0.5	7.16	5	504	1.0	<1	2.73	<0.5	65	8.8	139	2.1	3.47	25	
C69541 (9978100)	<0.5	6.77	6	476	0.6	<1	2.55	<0.5	60	8.2	127	2.5	3.11	24	
C69542 (9978101)	<0.5	6.96	3	440	<0.5	<1	2.53	<0.5	50	5.6	130	0.6	2.86	19	
C69543 (9978102)	<0.5	7.91	<1	407	0.7	<1	2.94	<0.5	56	6.3	124	0.6	3.25	23	

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T447979

PROJECT: AGAT00574

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 18, 2019	DATE RECEIVED: Mar 19, 2019							DATE REPORTED: Apr 05, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C69544 (9978103)	<0.5	5.90	3	450	<0.5	<1	2.40	<0.5	48	5.8	155	<0.5	3.08	21	
C69545 (9978104)	<0.5	8.93	4	618	0.7	<1	3.32	<0.5	66	6.2	137	<0.5	3.68	28	
C69546 (9978105)	<0.5	7.13	<1	191	1.1	<1	6.33	<0.5	20	39.5	196	107	7.62	36	
C69547 (9978106)	<0.5	6.90	4	584	1.3	<1	2.74	<0.5	55	6.9	127	2.8	2.99	23	
C69548 (9978107)	<0.5	2.34	<1	543	6.3	<1	6.52	<0.5	108	59.6	528	82.2	7.58	36	
C69549 (9978108)	<0.5	6.80	5	573	2.9	<1	3.07	<0.5	54	11.9	192	48.8	3.27	25	
C69550 (9978109)	<0.5	6.35	2	579	4.2	<1	4.52	<0.5	50	24.8	367	32.0	5.06	33	
C69551 (9978110)	<0.5	2.40	3	163	3.9	1	5.64	<0.5	81	52.6	593	58.4	6.22	28	

Certified By:



## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 18, 2019	DATE RECEIVED: Mar 19, 2019					DATE REPORTED: Apr 05, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
C69480 (9978039)	<1	1.13	18	25	0.71	718	15.0	2.95	9.0	721	<20	<50	<0.01	<1	
C69481 (9978040)	<1	1.51	20	18	0.64	602	10.6	3.15	9.8	670	<20	<50	0.03	<1	
C69482 (9978041)	<1	1.11	22	20	0.67	638	21.0	2.97	11.5	580	<20	<50	<0.01	1	
C69483 (9978042)	<1	0.96	21	14	0.53	502	12.0	3.09	8.6	494	<20	<50	0.01	<1	
C69484 (9978043)	<1	1.39	64	41	2.62	1010	5.4	3.66	68.6	2650	<20	<50	0.09	<1	
C69485 (9978044)	<1	1.46	32	20	0.94	658	10.5	3.19	15.6	716	<20	<50	0.05	<1	
C69486 (9978045)	<1	0.41	9	9	4.11	1290	<0.5	2.19	109	914	<20	<50	0.09	<1	
C69487 (9978046)	<1	0.91	14	17	0.54	533	15.1	2.64	7.6	597	<20	<50	0.01	2	
C69488 (9978047)	<1	1.17	19	20	0.71	689	8.9	3.03	7.5	736	<20	<50	0.01	<1	
C69489 (9978048)	<1	1.31	32	36	1.33	705	9.0	3.22	25.5	1260	<20	<50	0.03	<1	
C69490 (9978049)	<1	1.29	18	25	0.70	629	9.7	3.29	7.8	629	<20	<50	0.01	<1	
C69491 (9978050)	<1	1.06	25	34	0.91	680	9.4	3.50	10.0	1060	<20	<50	0.01	<1	
C69492 (9978051)	<1	0.01	2	<1	2.24	61	1.4	0.03	1.1	83	<20	<50	<0.01	<1	
C69493 (9978052)	<1	2.11	68	23	9.89	1470	4.9	1.06	454	3220	<20	<50	0.18	<1	
C69494 (9978053)	<1	1.11	22	25	0.81	668	8.5	3.43	10.5	727	<20	<50	0.02	<1	
C69495 (9978054)	<1	1.08	19	15	0.70	643	9.6	3.02	8.8	657	<20	<50	0.02	2	
C69496 (9978055)	<1	1.18	28	17	1.04	789	10.1	2.99	15.6	1240	<20	<50	0.03	1	
C69497 (9978056)	<1	2.01	175	10	6.55	2040	<0.5	0.48	167	3410	<20	<50	0.10	<1	
C69498 (9978057)	<1	2.08	173	10	6.75	2070	1.6	0.48	169	4180	<20	<50	0.14	<1	
C69499 (9978058)	<1	1.12	26	27	0.94	803	26.6	3.43	15.3	1060	<20	<50	0.05	<1	
C69500 (9978059)	<1	1.06	30	22	0.73	767	9.4	2.86	9.3	960	<20	<50	0.02	2	
C69501 (9978060)	<1	1.29	18	25	0.88	691	9.0	2.77	11.4	692	<20	<50	0.04	3	
C69502 (9978061)	<1	1.43	23	23	0.72	655	14.9	2.90	13.5	623	<20	<50	<0.01	<1	
C69503 (9978062)	<1	1.35	18	29	0.59	602	11.4	2.95	8.6	673	<20	<50	0.03	<1	
C69504 (9978063)	<1	1.06	17	24	0.67	637	11.2	2.70	6.9	781	<20	<50	<0.01	<1	
C69505 (9978064)	<1	1.09	17	19	0.69	1120	16.7	2.94	6.9	786	<20	<50	0.02	1	
C69506 (9978065)	<1	0.20	3	11	4.22	1360	<0.5	2.20	88.7	430	<20	<50	0.15	2	
C69507 (9978066)	<1	1.37	27	33	1.37	1290	9.1	3.08	26.7	1140	<20	106	0.05	2	
C69508 (9978067)	<1	1.52	31	25	1.21	1340	9.4	2.99	24.2	1660	<20	95	0.04	<1	
C69509 (9978068)	<1	1.10	20	26	0.65	986	9.5	2.68	8.0	705	<20	<50	0.03	1	
C69510 (9978069)	<1	1.11	18	29	0.70	1040	10.6	2.78	8.1	760	<20	<50	0.01	<1	
C69511 (9978070)	<1	1.40	18	28	0.74	1010	11.1	2.89	9.1	839	<20	<50	0.01	<1	

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T447979

PROJECT: AGAT00574

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 18, 2019	DATE RECEIVED: Mar 19, 2019					DATE REPORTED: Apr 05, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
C69512 (9978071)	<1	0.01	2	<1	2.00	58	1.2	0.04	1.4	85	<20	<50	<0.01	<1	
C69513 (9978072)	<1	1.19	34	60	1.64	1290	14.2	2.99	56.8	1140	<20	<50	0.05	<1	
C69514 (9978073)	<1	1.21	23	25	0.54	1140	12.0	2.92	8.7	453	<20	<50	0.04	<1	
C69515 (9978074)	<1	1.16	23	43	1.70	1530	11.8	3.04	59.1	628	<20	<50	0.03	1	
C69516 (9978075)	<1	0.91	22	35	0.84	1220	13.6	3.41	20.1	457	<20	<50	0.06	<1	
C69517 (9978076)	<1	0.71	11	27	3.32	1540	6.7	2.88	54.5	550	<20	<50	0.09	2	
C69518 (9978077)	<1	0.71	11	27	3.30	1530	6.3	2.88	53.3	565	<20	<50	0.09	2	
C69519 (9978078)	<1	1.25	21	21	0.58	649	10.7	3.00	10.2	411	<20	<50	0.01	<1	
C69520 (9978079)	<1	1.58	20	17	0.59	683	10.0	2.99	10.3	396	<20	<50	0.06	<1	
C69521 (9978080)	<1	1.37	24	16	0.66	578	10.3	3.01	10.8	475	<20	<50	0.01	2	
C69522 (9978081)	<1	1.78	22	32	0.95	540	14.1	3.10	28.9	766	<20	<50	0.06	<1	
C69523 (9978082)	<1	1.44	29	14	0.79	533	11.8	3.62	18.2	439	<20	<50	0.30	<1	
C69524 (9978083)	<1	1.93	33	20	1.16	620	12.0	3.71	21.1	541	<20	<50	0.14	<1	
C69525 (9978084)	<1	3.55	77	125	6.11	1400	1.6	1.36	165	202	<20	<50	0.13	1	
C69526 (9978085)	<1	0.44	9	10	4.36	1340	1.6	2.35	130	879	<20	<50	0.09	3	
C69527 (9978086)	<1	1.35	31	18	0.75	513	10.3	4.18	20.7	1190	<20	<50	0.11	<1	
C69528 (9978087)	<1	1.07	29	16	0.65	557	10.3	4.22	12.6	2210	<20	<50	0.03	<1	
C69529 (9978088)	<1	2.36	97	28	7.32	1310	1.4	1.93	220	2720	26	<50	0.09	2	
C69530 (9978089)	<1	2.42	43	31	8.50	1220	<0.5	1.52	316	616	<20	<50	0.06	<1	
C69531 (9978090)	<1	1.59	59	80	5.84	1470	4.7	2.60	174	3990	25	<50	0.30	<1	
C69532 (9978091)	<1	0.02	3	<1	2.35	49	2.0	0.04	1.0	100	<20	<50	<0.01	<1	
C69533 (9978092)	<1	0.94	23	9	0.71	465	11.5	3.82	17.5	1190	<20	<50	0.30	<1	
C69534 (9978093)	<1	1.18	31	8	0.70	525	9.8	3.97	14.8	1730	<20	<50	0.24	<1	
C69535 (9978094)	<1	0.94	30	10	0.62	594	13.2	3.72	11.2	422	<20	<50	0.18	<1	
C69536 (9978095)	<1	1.52	39	9	0.79	564	12.5	3.49	17.4	758	<20	<50	0.31	<1	
C69537 (9978096)	<1	1.28	22	13	0.63	571	14.5	3.34	11.8	446	<20	<50	0.05	<1	
C69538 (9978097)	<1	1.25	23	12	0.62	560	12.9	3.27	13.1	476	<20	<50	0.05	<1	
C69539 (9978098)	<1	1.26	41	26	1.28	602	10.9	3.34	36.9	684	<20	<50	0.05	<1	
C69540 (9978099)	<1	1.50	28	20	0.97	611	11.8	3.26	24.8	786	<20	<50	0.07	3	
C69541 (9978100)	<1	1.47	25	32	0.87	584	12.5	3.25	22.4	543	<20	<50	0.08	<1	
C69542 (9978101)	<1	1.20	20	15	0.58	573	13.5	2.82	8.8	409	<20	<50	0.03	<1	
C69543 (9978102)	<1	1.44	23	18	0.68	981	11.8	3.19	11.5	578	<20	<50	0.02	<1	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T447979

PROJECT: AGAT00574

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 18, 2019	DATE RECEIVED: Mar 19, 2019					DATE REPORTED: Apr 05, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
C69544 (9978103)	<1	1.54	20	17	0.76	791	14.9	2.33	15.5	744	<20	<50	0.02	<1	
C69545 (9978104)	<1	1.60	28	20	0.75	1280	11.3	3.37	11.3	550	<20	<50	0.02	3	
C69546 (9978105)	<1	0.42	9	9	4.22	1300	<0.5	2.19	111	914	<20	<50	0.08	2	
C69547 (9978106)	<1	1.26	23	19	0.69	1050	14.0	3.17	14.5	609	<20	<50	0.03	<1	
C69548 (9978107)	<1	1.87	51	44	8.16	1220	2.4	2.42	421	1750	<20	<50	0.15	<1	
C69549 (9978108)	<1	1.30	23	27	1.38	645	11.6	3.39	36.1	734	<20	<50	0.07	2	
C69550 (9978109)	<1	1.79	22	94	3.54	1250	4.8	3.34	101	1470	<20	<50	0.03	<1	
C69551 (9978110)	<1	1.28	39	51	8.83	1100	2.1	3.20	437	912	<20	<50	0.11	<1	

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PROJECT: AGAT00574

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 18, 2019	DATE RECEIVED: Mar 19, 2019					DATE REPORTED: Apr 05, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
C69480 (9978039)	12	<10	<5	147	<10	<10	<5	0.34	<5	<50	43.8	<1	26	89.8	
C69481 (9978040)	10	<10	<5	146	<10	<10	<5	0.28	<5	<50	37.5	<1	24	65.9	
C69482 (9978041)	11	<10	<5	142	<10	<10	<5	0.28	<5	<50	37.0	2	27	68.9	
C69483 (9978042)	10	<10	<5	149	<10	<10	<5	0.23	<5	<50	32.1	<1	26	55.7	
C69484 (9978043)	16	<10	<5	755	<10	21	<5	0.74	<5	<50	130	2	39	88.6	
C69485 (9978044)	13	<10	<5	224	<10	<10	<5	0.36	<5	<50	72.1	<1	23	92.7	
C69486 (9978045)	34	<10	<5	241	<10	20	<5	0.86	<5	<50	240	2	22	90.9	
C69487 (9978046)	9	<10	<5	122	<10	<10	<5	0.26	<5	<50	29.0	<1	21	60.7	
C69488 (9978047)	11	<10	<5	142	<10	<10	<5	0.35	<5	<50	35.8	<1	26	77.3	
C69489 (9978048)	11	<10	<5	296	<10	<10	<5	0.39	<5	<50	53.2	2	24	85.3	
C69490 (9978049)	10	<10	<5	151	<10	<10	<5	0.31	<5	<50	35.6	<1	22	79.4	
C69491 (9978050)	10	<10	<5	223	<10	<10	<5	0.40	<5	<50	44.9	<1	30	77.4	
C69492 (9978051)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.2	1	2	3.0	
C69493 (9978052)	17	<10	<5	987	<10	50	<5	1.60	<5	<50	219	<1	26	78.8	
C69494 (9978053)	10	<10	<5	180	<10	<10	<5	0.34	<5	<50	38.0	<1	24	78.7	
C69495 (9978054)	10	<10	<5	148	<10	<10	<5	0.31	<5	<50	36.0	1	24	77.2	
C69496 (9978055)	12	<10	<5	288	<10	<10	<5	0.44	<5	<50	53.5	<1	28	82.4	
C69497 (9978056)	19	<10	<5	1600	<10	31	<5	1.02	<5	<50	275	<1	53	113	
C69498 (9978057)	19	<10	<5	1660	<10	33	<5	1.08	<5	<50	293	<1	53	115	
C69499 (9978058)	11	<10	<5	282	<10	<10	<5	0.38	<5	<50	50.5	<1	27	70.8	
C69500 (9978059)	11	<10	<5	256	<10	<10	<5	0.32	<5	<50	39.5	<1	29	72.1	
C69501 (9978060)	16	<10	<5	173	<10	<10	<5	0.44	<5	<50	63.3	1	26	68.0	
C69502 (9978061)	9	<10	<5	193	<10	<10	<5	0.24	<5	<50	33.8	<1	24	54.9	
C69503 (9978062)	9	<10	<5	190	<10	<10	<5	0.25	<5	<50	37.3	<1	25	58.3	
C69504 (9978063)	11	<10	<5	159	<10	<10	<5	0.34	<5	<50	33.6	<1	21	84.8	
C69505 (9978064)	11	<10	<5	178	<10	<10	<5	0.34	<5	<50	35.0	<1	26	89.2	
C69506 (9978065)	44	<10	<5	112	<10	<10	<5	0.69	<5	<50	305	<1	22	80.2	
C69507 (9978066)	13	<10	<5	311	<10	24	<5	0.55	<5	<50	62.7	3	27	90.5	
C69508 (9978067)	12	<10	<5	323	<10	24	<5	0.44	<5	<50	54.4	<1	27	90.8	
C69509 (9978068)	10	<10	<5	167	<10	<10	<5	0.31	<5	<50	38.7	<1	24	92.0	
C69510 (9978069)	11	<10	<5	171	<10	<10	<5	0.34	<5	<50	41.8	<1	25	89.5	
C69511 (9978070)	12	<10	<5	181	<10	<10	<5	0.33	<5	<50	42.6	<1	24	98.7	

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AGAT WORK ORDER: 19T447979

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 18, 2019

DATE RECEIVED: Mar 19, 2019

DATE REPORTED: Apr 05, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
C69512 (9978071)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	2.8
C69513 (9978072)	10	<10	<5	275	<10	<10	<5	0.32	<5	<50	52.2	<1	24	79.6
C69514 (9978073)	8	<10	6	194	<10	<10	<5	0.23	<5	<50	30.2	<1	23	76.5
C69515 (9978074)	11	<10	<5	258	<10	<10	<5	0.35	<5	<50	52.6	<1	29	81.6
C69516 (9978075)	9	<10	<5	204	<10	<10	<5	0.26	<5	<50	38.5	<1	22	70.5
C69517 (9978076)	47	<10	<5	159	<10	15	<5	0.84	<5	<50	334	<1	25	103
C69518 (9978077)	48	<10	<5	159	<10	18	<5	0.83	<5	<50	332	<1	26	102
C69519 (9978078)	8	<10	<5	143	<10	<10	<5	0.23	<5	<50	30.2	<1	23	76.0
C69520 (9978079)	8	<10	5	134	<10	<10	<5	0.20	<5	<50	29.3	<1	20	67.6
C69521 (9978080)	9	<10	<5	131	<10	<10	<5	0.22	<5	<50	29.6	<1	25	78.4
C69522 (9978081)	8	<10	<5	173	<10	<10	<5	0.20	<5	<50	37.9	<1	15	105
C69523 (9978082)	6	<10	<5	184	<10	<10	<5	0.17	<5	<50	29.8	<1	15	60.1
C69524 (9978083)	13	<10	<5	208	<10	<10	<5	0.26	<5	<50	67.8	<1	17	107
C69525 (9978084)	37	<10	6	861	<10	10	<5	0.54	<5	<50	208	<1	25	90.9
C69526 (9978085)	33	<10	<5	258	<10	19	<5	0.92	<5	<50	229	<1	21	93.0
C69527 (9978086)	9	<10	<5	185	<10	<10	<5	0.19	<5	<50	48.0	<1	19	92.9
C69528 (9978087)	10	<10	<5	225	<10	<10	<5	0.24	<5	<50	38.5	<1	37	94.8
C69529 (9978088)	33	<10	<5	725	<10	69	<5	1.93	<5	<50	246	1	35	87.9
C69530 (9978089)	36	<10	<5	382	<10	34	<5	1.12	<5	<50	184	<1	26	81.0
C69531 (9978090)	39	<10	<5	681	<10	26	<5	0.97	<5	<50	306	<1	32	80.7
C69532 (9978091)	<1	<10	<5	66	<10	<10	<5	<0.01	<5	<50	1.5	<1	2	3.4
C69533 (9978092)	5	<10	<5	203	<10	<10	<5	0.19	<5	<50	32.8	1	13	69.5
C69534 (9978093)	8	<10	<5	222	<10	<10	<5	0.17	<5	<50	40.2	1	16	111
C69535 (9978094)	8	<10	<5	198	<10	<10	<5	0.18	<5	<50	29.4	<1	22	101
C69536 (9978095)	7	<10	<5	212	<10	<10	<5	0.19	<5	<50	33.1	<1	20	170
C69537 (9978096)	8	<10	<5	163	<10	<10	<5	0.21	<5	<50	29.8	<1	23	139
C69538 (9978097)	8	<10	<5	159	<10	<10	<5	0.21	<5	<50	32.5	2	23	139
C69539 (9978098)	10	<10	<5	303	<10	<10	<5	0.30	<5	<50	54.2	<1	26	89.4
C69540 (9978099)	9	<10	<5	207	<10	<10	<5	0.28	<5	<50	45.3	<1	23	96.2
C69541 (9978100)	8	<10	<5	188	<10	<10	<5	0.22	<5	<50	34.2	<1	18	127
C69542 (9978101)	9	<10	<5	159	<10	<10	<5	0.23	<5	<50	29.2	<1	24	77.0
C69543 (9978102)	10	<10	<5	184	<10	<10	<5	0.25	<5	<50	39.0	<1	25	78.2

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T447979

PROJECT: AGAT00574

5623 McADAM ROAD  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 18, 2019	DATE RECEIVED: Mar 19, 2019					DATE REPORTED: Apr 05, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Sample ID (AGAT ID)															
C69544 (9978103)	9	<10	<5	147	<10	<10	<5	0.20	<5	<50	38.1	<1	20	71.0	
C69545 (9978104)	12	<10	<5	207	<10	<10	<5	0.29	<5	<50	45.9	2	35	82.7	
C69546 (9978105)	34	<10	<5	240	<10	<10	<5	0.86	<5	<50	247	<1	22	91.0	
C69547 (9978106)	9	<10	<5	185	<10	<10	<5	0.24	<5	<50	39.9	1	28	85.3	
C69548 (9978107)	19	<10	<5	660	<10	<10	<5	1.25	<5	<50	237	2	31	75.5	
C69549 (9978108)	14	<10	<5	234	<10	<10	<5	0.24	<5	<50	63.4	<1	22	96.7	
C69550 (9978109)	26	<10	5	253	<10	<10	<5	0.30	<5	<50	139	1	24	146	
C69551 (9978110)	16	<10	<5	714	<10	<10	<5	0.60	<5	<50	182	2	24	58.8	

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## Certificate of Analysis

AGAT WORK ORDER: 19T447979

PROJECT: AGAT00574

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 18, 2019      DATE RECEIVED: Mar 19, 2019      DATE REPORTED: Apr 05, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C69480 (9978039)				167
C69481 (9978040)				145
C69482 (9978041)				156
C69483 (9978042)				145
C69484 (9978043)				298
C69485 (9978044)				190
C69486 (9978045)				93
C69487 (9978046)				117
C69488 (9978047)				149
C69489 (9978048)				168
C69490 (9978049)				131
C69491 (9978050)				156
C69492 (9978051)				<5
C69493 (9978052)				182
C69494 (9978053)				150
C69495 (9978054)				145
C69496 (9978055)				166
C69497 (9978056)				51
C69498 (9978057)				65
C69499 (9978058)				167
C69500 (9978059)				141
C69501 (9978060)				144
C69502 (9978061)				134
C69503 (9978062)				116
C69504 (9978063)				129
C69505 (9978064)				126
C69506 (9978065)				55
C69507 (9978066)				169
C69508 (9978067)				170
C69509 (9978068)				136
C69510 (9978069)				138
C69511 (9978070)				140

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T447979

PROJECT: AGAT00574

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 18, 2019      DATE RECEIVED: Mar 19, 2019      DATE REPORTED: Apr 05, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C69512 (9978071)				<5
C69513 (9978072)				136
C69514 (9978073)				129
C69515 (9978074)				135
C69516 (9978075)				161
C69517 (9978076)				103
C69518 (9978077)				106
C69519 (9978078)				148
C69520 (9978079)				180
C69521 (9978080)				169
C69522 (9978081)				148
C69523 (9978082)				140
C69524 (9978083)				169
C69525 (9978084)				182
C69526 (9978085)				89
C69527 (9978086)				128
C69528 (9978087)				170
C69529 (9978088)				313
C69530 (9978089)				116
C69531 (9978090)				56
C69532 (9978091)				<5
C69533 (9978092)				116
C69534 (9978093)				116
C69535 (9978094)				128
C69536 (9978095)				111
C69537 (9978096)				142
C69538 (9978097)				151
C69539 (9978098)				160
C69540 (9978099)				161
C69541 (9978100)				136
C69542 (9978101)				143
C69543 (9978102)				162

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## Certificate of Analysis

AGAT WORK ORDER: 19T447979

PROJECT: AGAT00574

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 18, 2019	DATE RECEIVED: Mar 19, 2019	DATE REPORTED: Apr 05, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C69544 (9978103)				119
C69545 (9978104)				184
C69546 (9978105)				94
C69547 (9978106)				137
C69548 (9978107)				125
C69549 (9978108)				166
C69550 (9978109)				137
C69551 (9978110)				123

Comments: RDL - Reported Detection Limit  
9978039-9978110 As, Sb values may be low due to digestion losses.

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AGAT WORK ORDER: 19T447979

PROJECT: AGAT00574

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 18, 2019

DATE RECEIVED: Mar 19, 2019

DATE REPORTED: Apr 05, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C69480 (9978039)			0.010
C69481 (9978040)			0.001
C69482 (9978041)			0.002
C69483 (9978042)			<0.001
C69484 (9978043)			0.001
C69485 (9978044)			0.002
C69486 (9978045)			0.331
C69487 (9978046)			0.006
C69488 (9978047)			0.002
C69489 (9978048)			0.002
C69490 (9978049)			0.001
C69491 (9978050)			<0.001
C69492 (9978051)			<0.001
C69493 (9978052)			<0.001
C69494 (9978053)			<0.001
C69495 (9978054)			<0.001
C69496 (9978055)			<0.001
C69497 (9978056)			<0.001
C69498 (9978057)			<0.001
C69499 (9978058)			<0.001
C69500 (9978059)			<0.001
C69501 (9978060)			0.002
C69502 (9978061)			0.003
C69503 (9978062)			<0.001
C69504 (9978063)			<0.001
C69505 (9978064)			<0.001
C69506 (9978065)			0.532
C69507 (9978066)			0.002
C69508 (9978067)			<0.001
C69509 (9978068)			<0.001
C69510 (9978069)			<0.001
C69511 (9978070)			<0.001

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T447979

PROJECT: AGAT00574

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 18, 2019      DATE RECEIVED: Mar 19, 2019      DATE REPORTED: Apr 05, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
C69512 (9978071)	<0.001		
C69513 (9978072)	0.004		
C69514 (9978073)	0.009		
C69515 (9978074)	<0.001		
C69516 (9978075)	0.002		
C69517 (9978076)	0.016		
C69518 (9978077)	0.001		
C69519 (9978078)	<0.001		
C69520 (9978079)	<0.001		
C69521 (9978080)	<0.001		
C69522 (9978081)	0.004		
C69523 (9978082)	0.004		
C69524 (9978083)	0.006		
C69525 (9978084)	0.001		
C69526 (9978085)	0.337		
C69527 (9978086)	0.003		
C69528 (9978087)	<0.001		
C69529 (9978088)	0.002		
C69530 (9978089)	0.003		
C69531 (9978090)	0.002		
C69532 (9978091)	<0.001		
C69533 (9978092)	0.003		
C69534 (9978093)	0.002		
C69535 (9978094)	0.002		
C69536 (9978095)	0.004		
C69537 (9978096)	0.003		
C69538 (9978097)	<0.001		
C69539 (9978098)	0.002		
C69540 (9978099)	0.001		
C69541 (9978100)	0.002		
C69542 (9978101)	0.002		
C69543 (9978102)	<0.001		

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## Certificate of Analysis

AGAT WORK ORDER: 19T447979

PROJECT: AGAT00574

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 18, 2019      DATE RECEIVED: Mar 19, 2019      DATE REPORTED: Apr 05, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C69544 (9978103)			0.001
C69545 (9978104)			<0.001
C69546 (9978105)			0.350
C69547 (9978106)			<0.001
C69548 (9978107)			0.006
C69549 (9978108)			0.002
C69550 (9978109)			<0.001
C69551 (9978110)			0.005

Comments: RDL - Reported Detection Limit

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T447979

PROJECT: AGAT00574

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 18, 2019      DATE RECEIVED: Mar 19, 2019      DATE REPORTED: Apr 05, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
C69480 (9978039)		81
C69499 (9978058)		84
C69519 (9978078)		78
C69522 (9978081)		82
C69539 (9978098)		80

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	9978039	< 0.5	< 0.5	0.0%	9978053	< 0.5	< 0.5	0.0%	9978064	< 0.5	< 0.5	0.0%	9978078	< 0.5	< 0.5	0.0%
Al	9978039	7.54	7.28	3.5%	9978053	7.18	7.48	4.1%	9978064	7.64	8.00	4.6%	9978078	7.31	7.06	3.5%
As	9978039	< 1	< 1	0.0%	9978053	< 1	< 1	0.0%	9978064	< 1	< 1	0.0%	9978078	< 1	3	
Ba	9978039	353	339	4.0%	9978053	422	429	1.6%	9978064	364	371	1.9%	9978078	390	377	3.4%
Be	9978039	0.6	0.8	28.6%	9978053	0.5	0.5	0.0%	9978064	< 0.5	< 0.5	0.0%	9978078	2.3	2.4	4.3%
Bi	9978039	< 1	< 1	0.0%	9978053	< 1	< 1	0.0%	9978064	< 1	2		9978078	< 1	< 1	0.0%
Ca	9978039	3.06	2.95	3.7%	9978053	3.33	3.41	2.4%	9978064	3.35	3.50	4.4%	9978078	2.57	2.53	1.6%
Cd	9978039	< 0.5	< 0.5	0.0%	9978053	< 0.5	< 0.5	0.0%	9978064	< 0.5	< 0.5	0.0%	9978078	< 0.5	< 0.5	0.0%
Ce	9978039	44	44	0.0%	9978053	51	50	2.0%	9978064	40	39	2.5%	9978078	50	51	2.0%
Co	9978039	8.7	8.7	0.0%	9978053	7.96	7.77	2.4%	9978064	7.98	7.70	3.6%	9978078	5.6	6.1	8.5%
Cr	9978039	176	200	12.8%	9978053	88.8	94.7	6.4%	9978064	196	160	20.2%	9978078	99.3	104	4.6%
Cu	9978039	1.93	2.49	25.3%	9978053	1.80	2.36	26.9%	9978064	23.2	24.5	5.5%	9978078	1.50	1.22	20.6%
Fe	9978039	3.93	3.78	3.9%	9978053	3.61	3.81	5.4%	9978064	4.04	4.00	1.0%	9978078	3.02	2.94	2.7%
Ga	9978039	24	25	4.1%	9978053	24	23	4.3%	9978064	24	23	4.3%	9978078	23	23	0.0%
In	9978039	< 1	< 1	0.0%	9978053	< 1	< 1	0.0%	9978064	< 1	< 1	0.0%	9978078	< 1	< 1	0.0%
K	9978039	1.13	1.09	3.6%	9978053	1.11	1.15	3.5%	9978064	1.09	1.16	6.2%	9978078	1.25	1.20	4.1%
La	9978039	18	18	0.0%	9978053	22	21	4.7%	9978064	17	17	0.0%	9978078	21	21	0.0%
Li	9978039	25	24	4.1%	9978053	25	26	3.9%	9978064	19	19	0.0%	9978078	21	20	4.9%
Mg	9978039	0.705	0.680	3.6%	9978053	0.81	0.85	4.8%	9978064	0.692	0.708	2.3%	9978078	0.575	0.546	5.2%
Mn	9978039	718	687	4.4%	9978053	668	695	4.0%	9978064	1120	1130	0.9%	9978078	649	632	2.7%
Mo	9978039	15.0	17.3	14.2%	9978053	8.5	9.3	9.0%	9978064	16.7	15.1	10.1%	9978078	10.7	11.1	3.7%
Na	9978039	2.95	2.87	2.7%	9978053	3.43	3.45	0.6%	9978064	2.94	3.12	5.9%	9978078	3.00	2.95	1.7%
Ni	9978039	8.97	8.74	2.6%	9978053	10.5	11.7	10.8%	9978064	6.9	5.7	19.0%	9978078	10.2	10.8	5.7%
P	9978039	721	723	0.3%	9978053	727	764	5.0%	9978064	786	756	3.9%	9978078	411	432	5.0%
Pb	9978039	< 20	< 20	0.0%	9978053	< 20	< 20	0.0%	9978064	< 20	< 20	0.0%	9978078	< 20	< 20	0.0%
Rb	9978039	< 50	< 50	0.0%	9978053	< 50	< 50	0.0%	9978064	< 50	50		9978078	< 50	< 50	0.0%
S	9978039	< 0.01	< 0.01	0.0%	9978053	0.02	0.02	0.0%	9978064	0.02	0.02	0.0%	9978078	0.01	0.01	0.0%
Sb	9978039	< 1	2		9978053	< 1	< 1	0.0%	9978064	1	< 1		9978078	< 1	< 1	0.0%
Sc	9978039	12	12	0.0%	9978053	10	10	0.0%	9978064	11	12	8.7%	9978078	8	8	0.0%
Se	9978039	< 10	< 10	0.0%	9978053	< 10	< 10	0.0%	9978064	< 10	< 10	0.0%	9978078	< 10	< 10	0.0%
Sn	9978039	< 5	< 5	0.0%	9978053	< 5	< 5	0.0%	9978064	< 5	< 5	0.0%	9978078	5	6	18.2%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	9978039	147	142	3.5%	9978053	180	183	1.7%	9978064	178	181	1.7%	9978078	143	139	2.8%
Ta	9978039	< 10	< 10	0.0%	9978053	< 10	< 10	0.0%	9978064	< 10	< 10	0.0%	9978078	< 10	< 10	0.0%
Te	9978039	< 10	< 10	0.0%	9978053	< 10	< 10	0.0%	9978064	< 10	17		9978078	< 10	< 10	0.0%
Th	9978039	< 5	< 5	0.0%	9978053	< 5	< 5	0.0%	9978064	< 5	< 5	0.0%	9978078	< 5	< 5	0.0%
Ti	9978039	0.34	0.33	3.0%	9978053	0.34	0.35	2.9%	9978064	0.34	0.33	3.0%	9978078	0.230	0.222	3.5%
Tl	9978039	< 5	< 5	0.0%	9978053	< 5	< 5	0.0%	9978064	< 5	< 5	0.0%	9978078	< 5	< 5	0.0%
U	9978039	< 50	< 50	0.0%	9978053	< 50	< 50	0.0%	9978064	< 50	< 50	0.0%	9978078	< 50	< 50	0.0%
V	9978039	43.8	44.1	0.7%	9978053	38.0	38.9	2.3%	9978064	35.0	34.3	2.0%	9978078	30.2	31.6	4.5%
W	9978039	< 1	< 1	0.0%	9978053	< 1	< 1	0.0%	9978064	< 1	< 1	0.0%	9978078	< 1	< 1	0.0%
Y	9978039	26	26	0.0%	9978053	24	25	4.1%	9978064	26	27	3.8%	9978078	23	23	0.0%
Zn	9978039	89.8	85.3	5.1%	9978053	78.7	83.0	5.3%	9978064	89.2	84.0	6.0%	9978078	76.0	73.9	2.8%
Zr	9978039	167	159	4.9%	9978053	150	154	2.6%	9978064	126	128	1.6%	9978078	148	157	5.9%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	9978089	< 0.5	< 0.5	0.0%	9978103	< 0.5	< 0.5	0.0%								
Al	9978089	3.11	3.03	2.6%	9978103	5.90	5.92	0.3%								
As	9978089	< 1	< 1	0.0%	9978103	3	< 1									
Ba	9978089	1120	1120	0.0%	9978103	450	437	2.9%								
Be	9978089	4.85	5.15	6.0%	9978103	< 0.5	< 0.5	0.0%								
Bi	9978089	< 1	< 1	0.0%	9978103	< 1	< 1	0.0%								
Ca	9978089	6.79	6.86	1.0%	9978103	2.40	2.34	2.5%								
Cd	9978089	< 0.5	< 0.5	0.0%	9978103	< 0.5	< 0.5	0.0%								
Ce	9978089	101	103	2.0%	9978103	48	46	4.3%								
Co	9978089	62.5	64.0	2.4%	9978103	5.8	5.3	9.0%								
Cr	9978089	639	658	2.9%	9978103	155	161	3.8%								
Cu	9978089	166	162	2.4%	9978103	< 0.5	0.9									
Fe	9978089	9.47	9.46	0.1%	9978103	3.08	3.04	1.3%								
Ga	9978089	41	43	4.8%	9978103	21	20	4.9%								
In	9978089	< 1	< 1	0.0%	9978103	< 1	< 1	0.0%								
K	9978089	2.42	2.36	2.5%	9978103	1.54	1.54	0.0%								
La	9978089	43	44	2.3%	9978103	20	19	5.1%								
Li	9978089	31	30	3.3%	9978103	17	17	0.0%								
Mg	9978089	8.50	8.39	1.3%	9978103	0.757	0.742	2.0%								
Mn	9978089	1220	1190	2.5%	9978103	791	781	1.3%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	9978089	< 0.5	< 0.5	0.0%	9978103	14.9	14.5	2.7%								
Na	9978089	1.52	1.50	1.3%	9978103	2.33	2.29	1.7%								
Ni	9978089	316	331	4.6%	9978103	15.5	15.6	0.6%								
P	9978089	616	636	3.2%	9978103	744	720	3.3%								
Pb	9978089	< 20	< 20	0.0%	9978103	< 20	< 20	0.0%								
Rb	9978089	< 50	< 50	0.0%	9978103	< 50	< 50	0.0%								
S	9978089	0.058	0.054	7.1%	9978103	0.02	0.02	0.0%								
Sb	9978089	< 1	< 1	0.0%	9978103	< 1	< 1	0.0%								
Sc	9978089	36	36	0.0%	9978103	9	9	0.0%								
Se	9978089	< 10	< 10	0.0%	9978103	< 10	< 10	0.0%								
Sn	9978089	< 5	< 5	0.0%	9978103	< 5	< 5	0.0%								
Sr	9978089	382	373	2.4%	9978103	147	143	2.8%								
Ta	9978089	< 10	< 10	0.0%	9978103	< 10	< 10	0.0%								
Te	9978089	34	40	16.2%	9978103	< 10	< 10	0.0%								
Th	9978089	< 5	< 5	0.0%	9978103	< 5	< 5	0.0%								
Ti	9978089	1.12	1.24	10.2%	9978103	0.20	0.20	0.0%								
Tl	9978089	< 5	< 5	0.0%	9978103	< 5	< 5	0.0%								
U	9978089	< 50	< 50	0.0%	9978103	< 50	< 50	0.0%								
V	9978089	184	188	2.2%	9978103	38.1	36.3	4.8%								
W	9978089	< 1	< 1	0.0%	9978103	< 1	< 1	0.0%								
Y	9978089	26	27	3.8%	9978103	20	19	5.1%								
Zn	9978089	81.0	78.8	2.8%	9978103	71.0	68.5	3.6%								
Zr	9978089	116	119	2.6%	9978103	119	115	3.4%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	9978039	0.010	0.003		9978053	< 0.001	< 0.001	0.0%	9978064	< 0.001	0.003		9978078	< 0.001	< 0.001	0.0%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	9978089	0.003	0.001		9978103	0.001	0.005									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.7	98%	90% - 110%	8.17	8.05	99%	90% - 110%	6.96	6.82	98%	90% - 110%				
As					26	26	101%	90% - 110%	124	123	99%	90% - 110%				
Ba	340	337	99%	90% - 110%	540	538	100%	90% - 110%	186	187	100%	90% - 110%				
Be	2.6	2.5	94%	90% - 110%	4.0	3	75%	90% - 110%								
Ca	5.72	5.57	97%	90% - 110%	0.907	0.891	98%	90% - 110%	4.01	3.89	97%	90% - 110%				
Ce	122	119	98%	90% - 110%	98	105	107%	90% - 110%	24	21	89%	90% - 110%				
Co									22.1	20.1	91%	90% - 110%				
Cr					60.3	55.5	92%	90% - 110%								
Cu					150	155	103%	90% - 110%	88.6	86.5	98%	90% - 110%				
Fe	4.34	4.13	95%	90% - 110%	3.77	3.69	98%	90% - 110%	7.56	7.41	98%	90% - 110%				
Ga	35	32.1	92%	90% - 110%									35	36.1	103%	90% - 110%
K	1.37	1.39	102%	90% - 110%					2.021	2.016	100%	90% - 110%				
La	58	52	90%	90% - 110%	44	44	100%	90% - 110%								
Li	37	37	99%	90% - 110%	47	45	96%	90% - 110%								
Mg	0.325	0.301	93%	90% - 110%	1.10	1.06	96%	90% - 110%	2.412	2.412	100%	90% - 110%				
Mn					780	744	95%	90% - 110%	1510	1449	96%	90% - 110%				
Mo					14	14	99%	90% - 110%								
Na	5.267	5.218	99%	90% - 110%	1.624	1.706	105%	90% - 110%	0.617	0.603	98%	90% - 110%				
Ni					32	34	105%	90% - 110%	77.1	69.7	90%	90% - 110%				
P					750	794	106%	90% - 110%	892	904	101%	90% - 110%				
Pb					31	30	98%	90% - 110%								
S									0.348	0.32	92%	90% - 110%				
Sc					12	12	103%	90% - 110%								
Sr	1191	1184	99%	90% - 110%	144	157	109%	90% - 110%	92.8	88	95%	90% - 110%				
Ti	0.172	0.174	101%	90% - 110%	0.53	0.48	91%	90% - 110%								
V					77	79	103%	90% - 110%								
W					5	4	80%	90% - 110%								
Y	119	115	97%	90% - 110%												
Zn	93	94	101%	90% - 110%	130	130	100%	90% - 110%	208	213	102%	90% - 110%				
	CRM #5 (ref.SY-4)															
Parameter	Expect	Actual	Recovery	Limits												



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Al	10.95	10.33	94%	90% - 110%													
Ba	340	325	96%	90% - 110%													
Be	2.6	2.6	99%	90% - 110%													
Ca	5.72	5.46	96%	90% - 110%													
Ce	122	125	102%	90% - 110%													
Fe	4.34	3.99	92%	90% - 110%													
Ga	35	38	108%	90% - 110%													
K	1.37	1.35	99%	90% - 110%													
La	58	55	95%	90% - 110%													
Li	37	36	96%	90% - 110%													
Mg	0.325	0.296	91%	90% - 110%													
Na	5.267	5.147	98%	90% - 110%													
Ni	9	6	72%	90% - 110%													
Sr	1191	1163	98%	90% - 110%													
Ti	0.172	0.17	99%	90% - 110%													
Y	119	121	101%	90% - 110%													
Zn	93	94	101%	90% - 110%													

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS5W)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.44	94%	90% - 110%	0.725	0.728	100%	90% - 110%	5.27	5.3	101%	90% - 110%	0.562	0.512	91%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00574  
 SAMPLING SITE:

AGAT WORK ORDER: 19T447979  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00575

AGAT WORK ORDER: 19T447994

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Apr 05, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T447994

PROJECT: AGAT00575

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 18, 2019      DATE RECEIVED: Mar 19, 2019      DATE REPORTED: Apr 05, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C69552 (9978181)		1.11
C69553 (9978182)		0.78
C69554 (9978183)		2.34
C69555 (9978184)		1.45
C69556 (9978185)		2.18
C69557 (9978186)		2.25
C69558 (9978187)		2.25
C69559 (9978188)		2.22
C69560 (9978189)		2.14
C69561 (9978190)		1.53
C69562 (9978191)		2.00
C69563 (9978192)		2.09
C69564 (9978193)		2.21
C69565 (9978194)		2.18
C69566 (9978195)		0.07
C69567 (9978196)		2.34
C69568 (9978197)		2.38
C69569 (9978198)		1.65
C69570 (9978199)		2.20
C69571 (9978200)		0.70
C69572 (9978201)		2.92
C69573 (9978202)		1.72
C69574 (9978203)		2.83
C69575 (9978204)		2.09
C69576 (9978205)		2.49
C69577 (9978206)		2.75
C69578 (9978207)		2.75
C69579 (9978208)		1.60
C69580 (9978209)		1.77
C69581 (9978210)		1.97
C69582 (9978211)		2.04

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T447994

PROJECT: AGAT00575

 5623 McADAM ROAD  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (200-) Sample Login Weight

DATE SAMPLED: Mar 18, 2019

DATE RECEIVED: Mar 19, 2019

DATE REPORTED: Apr 05, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C69583 (9978212)		2.21
C69584 (9978213)		2.15
C69585 (9978214)		2.23
C69586 (9978215)		0.07
C69587 (9978216)		1.37
C69588 (9978217)		1.72
C69589 (9978218)		1.49
C69590 (9978219)		1.91
C69591 (9978220)		1.32
C69592 (9978221)		2.12
C69593 (9978222)		2.35
C69594 (9978223)		2.21
C69595 (9978224)		2.19
C69596 (9978225)		2.07
C69597 (9978226)		2.17
C69598 (9978227)		2.17
C69599 (9978228)		2.33
C69600 (9978229)		2.28
C69601 (9978230)		2.14
C69602 (9978231)		1.87
C69603 (9978232)		1.48
C69604 (9978233)		1.44
C69605 (9978234)		1.88
C69606 (9978235)		0.07
C69607 (9978236)		2.16
C69608 (9978237)		2.37
C69609 (9978238)		2.24
C69610 (9978239)		0.94
C69611 (9978240)		2.15
C69612 (9978241)		1.82
C69613 (9978242)		2.24

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T447994

PROJECT: AGAT00575

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 18, 2019

DATE RECEIVED: Mar 19, 2019

DATE REPORTED: Apr 05, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
C69614 (9978243)		2.22
C69615 (9978244)		0.99
C69616 (9978245)		0.71
C69617 (9978246)		2.85
C69618 (9978247)		2.85
C69619 (9978248)		1.47
C69620 (9978249)		1.43
C69621 (9978250)		0.88
C69622 (9978251)		1.73
C69623 (9978252)		1.56

Comments: RDL - Reported Detection Limit

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T447994

PROJECT: AGAT00575

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 18, 2019	DATE RECEIVED: Mar 19, 2019		DATE REPORTED: Apr 05, 2019		SAMPLE TYPE: Drill Core									
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5
C69552 (9978181)	<0.5	0.06	1	19	<0.5	<1	31.7	<0.5	<1	0.8	1.1	<0.5	0.08	13
C69553 (9978182)	<0.5	6.42	2	488	3.3	<1	4.28	<0.5	52	17.6	177	79.5	4.31	28
C69554 (9978183)	<0.5	7.29	4	233	0.8	2	7.87	<0.5	22	41.0	510	<0.5	7.39	30
C69555 (9978184)	<0.5	7.55	3	450	1.0	<1	4.14	<0.5	41	19.7	188	85.8	4.92	28
C69556 (9978185)	<0.5	7.41	<1	456	0.5	<1	2.88	<0.5	51	7.7	23.3	2.9	3.34	23
C69557 (9978186)	<0.5	7.21	2	395	<0.5	<1	2.61	<0.5	48	5.8	13.9	3.2	3.05	23
C69558 (9978187)	<0.5	7.29	1	389	<0.5	<1	2.57	<0.5	44	5.5	8.9	3.6	3.05	22
C69559 (9978188)	<0.5	7.49	3	442	0.6	1	2.76	<0.5	56	6.0	12.7	1.1	3.26	23
C69560 (9978189)	<0.5	7.03	2	422	1.9	<1	2.87	<0.5	54	6.7	18.5	6.3	3.28	23
C69561 (9978190)	<0.5	3.31	9	478	8.1	2	6.46	<0.5	94	53.3	413	94.0	7.73	39
C69562 (9978191)	<0.5	6.97	<1	338	<0.5	1	2.59	<0.5	49	5.3	10.5	1.6	3.08	21
C69563 (9978192)	<0.5	7.33	<1	354	<0.5	2	2.70	<0.5	49	5.4	13.1	1.3	3.28	21
C69564 (9978193)	<0.5	6.96	<1	331	0.5	<1	2.53	<0.5	48	5.6	15.0	93.4	3.12	21
C69565 (9978194)	<0.5	7.47	3	337	1.1	<1	2.61	<0.5	49	5.5	13.8	0.8	3.35	23
C69566 (9978195)	<0.5	7.19	2	150	0.7	<1	7.00	<0.5	8	39.6	169	160	8.12	33
C69567 (9978196)	<0.5	7.02	1	289	1.8	<1	2.43	<0.5	40	4.9	11.7	<0.5	2.56	20
C69568 (9978197)	<0.5	7.23	1	325	2.5	<1	2.91	<0.5	49	5.3	14.2	17.2	2.79	22
C69569 (9978198)	<0.5	3.20	6	1810	7.7	2	11.0	<0.5	258	36.9	355	142	8.38	42
C69570 (9978199)	<0.5	3.00	<1	1730	8.1	<1	9.81	<0.5	401	44.0	410	123	9.73	41
C69571 (9978200)	<0.5	3.14	3	1440	5.1	<1	7.23	<0.5	523	50.4	501	106	9.93	41
C69572 (9978201)	<0.5	0.07	<1	15	<0.5	<1	32.2	<0.5	<1	0.8	1.2	<0.5	0.10	12
C69573 (9978202)	<0.5	2.82	<1	1800	9.8	<1	10.5	<0.5	344	39.2	300	161	8.92	44
C69574 (9978203)	<0.5	3.09	<1	2130	9.4	<1	9.71	<0.5	311	38.1	324	147	8.75	43
C69575 (9978204)	<0.5	3.35	<1	1740	8.1	<1	10.1	<0.5	228	39.5	333	170	8.42	41
C69576 (9978205)	<0.5	6.24	19	430	6.5	<1	3.73	<0.5	85	9.6	58.8	21.4	4.12	27
C69577 (9978206)	<0.5	3.21	<1	917	6.4	<1	8.77	<0.5	131	43.2	507	112	7.94	37
C69578 (9978207)	<0.5	3.16	<1	886	5.9	<1	8.61	<0.5	132	46.7	515	108	7.93	38
C69579 (9978208)	<0.5	7.18	5	412	2.0	<1	2.77	<0.5	45	6.4	9.4	1.1	3.40	22
C69580 (9978209)	<0.5	7.09	2	234	0.9	<1	2.41	<0.5	67	6.1	13.9	4.9	3.25	22
C69581 (9978210)	<0.5	7.15	<1	344	2.0	1	1.70	<0.5	24	3.0	8.2	25.5	1.92	23
C69582 (9978211)	<0.5	7.48	21	233	1.9	<1	2.31	<0.5	38	27.3	12.9	494	3.41	23
C69583 (9978212)	<0.5	7.34	2	239	1.6	<1	2.65	<0.5	37	7.7	11.1	85.3	3.61	24

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T447994

PROJECT: AGAT00575

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 18, 2019	DATE RECEIVED: Mar 19, 2019							DATE REPORTED: Apr 05, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C69584 (9978213)	<0.5	7.18	<1	266	0.7	<1	2.76	<0.5	46	6.3	11.2	2.5	3.41	22	
C69585 (9978214)	<0.5	7.38	<1	197	0.8	1	2.50	<0.5	41	7.1	7.3	1.8	4.03	25	
C69586 (9978215)	<0.5	7.08	<1	189	0.9	9	6.29	<0.5	19	37.4	180	106	7.55	33	
C69587 (9978216)	<0.5	6.58	<1	162	<0.5	<1	0.98	<0.5	6	1.0	9.3	38.3	1.03	17	
C69588 (9978217)	<0.5	7.65	<1	183	1.0	1	2.55	<0.5	39	8.6	6.8	1.3	4.36	24	
C69589 (9978218)	<0.5	7.85	<1	288	1.4	3	2.77	<0.5	43	7.6	7.5	5.4	4.03	25	
C69590 (9978219)	<0.5	7.24	<1	280	0.8	<1	2.43	<0.5	49	6.2	11.3	5.7	3.26	24	
C69591 (9978220)	<0.5	7.78	<1	306	<0.5	<1	1.34	<0.5	10	1.6	6.6	9.2	1.24	20	
C69592 (9978221)	<0.5	0.07	<1	15	<0.5	<1	33.5	<0.5	<1	0.7	2.3	<0.5	0.10	11	
C69593 (9978222)	<0.5	7.23	3	265	0.7	<1	2.43	<0.5	53	6.2	7.6	7.8	3.13	23	
C69594 (9978223)	<0.5	7.18	<1	277	<0.5	<1	2.46	<0.5	50	5.6	9.1	<0.5	3.18	21	
C69595 (9978224)	<0.5	7.17	1	287	0.7	1	2.32	<0.5	51	5.5	9.6	1.2	3.02	22	
C69596 (9978225)	<0.5	7.18	2	333	0.8	<1	2.24	<0.5	52	5.3	10.6	0.9	2.98	23	
C69597 (9978226)	<0.5	6.89	1	384	1.7	<1	3.04	<0.5	59	9.2	29.3	10.9	3.59	25	
C69598 (9978227)	<0.5	6.89	<1	389	1.6	1	3.10	<0.5	56	8.9	26.1	12.1	3.62	23	
C69599 (9978228)	<0.5	5.61	18	398	2.4	<1	4.18	<0.5	59	23.1	112	19.5	4.21	28	
C69600 (9978229)	<0.5	6.96	1	313	1.7	<1	2.28	<0.5	51	5.8	11.1	14.0	3.00	22	
C69601 (9978230)	<0.5	7.01	<1	285	0.8	<1	2.30	<0.5	51	5.6	11.4	1.0	2.98	22	
C69602 (9978231)	<0.5	7.76	1	332	0.5	1	2.22	<0.5	49	6.1	11.5	2.5	3.53	23	
C69603 (9978232)	<0.5	7.55	<1	80	1.9	<1	1.24	<0.5	14	1.6	6.1	6.6	1.12	23	
C69604 (9978233)	<0.5	7.06	2	77	<0.5	<1	0.62	<0.5	5	<0.5	7.0	3.1	0.66	18	
C69605 (9978234)	<0.5	7.18	<1	96	<0.5	<1	0.86	<0.5	24	0.7	12.2	8.3	0.97	20	
C69606 (9978235)	<0.5	7.23	4	193	1.1	3	6.38	<0.5	19	36.5	185	107	7.69	36	
C69607 (9978236)	<0.5	7.32	1	279	1.5	2	2.54	<0.5	39	8.6	50.5	4.5	3.38	24	
C69608 (9978237)	<0.5	7.53	<1	337	<0.5	2	2.43	<0.5	50	5.5	12.3	0.7	3.29	22	
C69609 (9978238)	<0.5	7.08	2	348	0.8	<1	2.39	<0.5	47	6.7	24.3	2.7	3.15	23	
C69610 (9978239)	<0.5	3.78	<1	910	4.3	3	6.56	<0.5	117	38.8	461	60.6	6.13	32	
C69611 (9978240)	<0.5	7.30	<1	359	0.6	<1	2.23	<0.5	50	5.6	11.9	1.8	3.18	21	
C69612 (9978241)	<0.5	0.06	<1	25	<0.5	<1	32.6	<0.5	<1	0.6	1.0	<0.5	0.08	11	
C69613 (9978242)	<0.5	7.19	2	337	<0.5	<1	2.39	<0.5	54	6.6	17.4	0.8	3.12	23	
C69614 (9978243)	<0.5	7.15	<1	424	<0.5	<1	2.30	<0.5	49	6.1	12.5	9.5	3.23	22	
C69615 (9978244)	<0.5	7.17	6	506	0.5	<1	2.51	<0.5	55	7.6	20.3	24.1	3.00	24	

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## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 18, 2019	DATE RECEIVED: Mar 19, 2019							DATE REPORTED: Apr 05, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C69616 (9978245)	<0.5	7.85	14	315	1.3	<1	5.99	<0.5	32	38.5	443	4.8	6.78	32	
C69617 (9978246)	<0.5	6.63	73	1440	3.0	<1	7.25	<0.5	158	34.1	374	47.3	7.17	33	
C69618 (9978247)	<0.5	6.72	42	1450	2.8	<1	7.16	<0.5	164	34.0	378	47.4	7.20	34	
C69619 (9978248)	<0.5	7.12	7	254	1.4	<1	5.51	<0.5	38	24.3	320	0.5	5.21	29	
C69620 (9978249)	<0.5	6.21	102	345	2.9	<1	6.97	<0.5	35	48.1	426	36.8	6.57	33	
C69621 (9978250)	<0.5	7.03	12	483	2.1	<1	2.43	<0.5	98	7.0	21.9	2.4	2.72	22	
C69622 (9978251)	<0.5	7.65	<1	300	1.0	2	4.31	<0.5	39	14.8	129	<0.5	4.14	25	
C69623 (9978252)	<0.5	7.28	3	422	<0.5	<1	2.28	<0.5	46	6.9	18.8	<0.5	3.32	23	

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DATE SAMPLED: Mar 18, 2019	DATE RECEIVED: Mar 19, 2019					DATE REPORTED: Apr 05, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
C69552 (9978181)	<1	0.02	3	<1	2.52	52	0.7	0.03	<0.5	84	<20	<50	<0.01	<1	
C69553 (9978182)	<1	1.01	19	35	2.22	944	0.8	3.82	80.7	2020	<20	<50	0.06	<1	
C69554 (9978183)	<1	1.28	8	26	4.61	1920	1.9	2.38	215	642	<20	<50	<0.01	<1	
C69555 (9978184)	<1	1.43	17	29	2.03	1130	0.9	2.73	78.4	658	<20	<50	0.08	<1	
C69556 (9978185)	<1	1.46	21	27	0.92	732	0.8	3.03	16.4	484	<20	<50	0.02	<1	
C69557 (9978186)	<1	1.41	20	28	0.72	638	0.8	2.94	8.7	402	<20	<50	0.02	<1	
C69558 (9978187)	<1	1.42	18	28	0.72	629	0.8	3.07	7.8	365	<20	<50	0.02	2	
C69559 (9978188)	<1	1.54	22	22	0.65	777	<0.5	2.87	8.3	406	<20	<50	0.01	2	
C69560 (9978189)	<1	1.05	22	17	0.78	1170	0.7	3.35	15.1	591	<20	<50	0.02	<1	
C69561 (9978190)	<1	2.66	44	58	6.56	1210	1.1	2.39	309	1850	<20	<50	0.21	<1	
C69562 (9978191)	<1	1.12	20	21	0.60	672	0.8	2.72	7.0	435	<20	<50	<0.01	<1	
C69563 (9978192)	<1	1.19	20	31	0.61	712	0.9	2.79	6.4	499	<20	<50	<0.01	<1	
C69564 (9978193)	<1	1.12	20	28	0.58	525	1.0	2.66	6.4	491	<20	<50	0.07	<1	
C69565 (9978194)	<1	1.22	21	32	0.58	523	0.9	2.90	6.7	485	<20	<50	<0.01	<1	
C69566 (9978195)	<1	0.21	3	12	4.36	1410	<0.5	2.29	82.9	419	<20	<50	0.15	<1	
C69567 (9978196)	<1	1.26	16	18	0.49	623	<0.5	2.98	6.2	340	<20	<50	0.02	<1	
C69568 (9978197)	<1	0.82	20	21	0.55	652	1.2	4.08	8.2	643	<20	<50	0.04	<1	
C69569 (9978198)	<1	2.87	123	26	6.47	1490	1.7	1.30	165	4940	48	<50	0.21	<1	
C69570 (9978199)	<1	2.40	154	16	8.13	1690	<0.5	0.93	267	3770	<20	<50	0.19	<1	
C69571 (9978200)	<1	2.34	178	25	8.93	1630	<0.5	1.38	221	501	21	<50	0.23	<1	
C69572 (9978201)	<1	0.02	3	<1	2.63	53	<0.5	0.05	0.7	80	<20	<50	<0.01	<1	
C69573 (9978202)	<1	2.87	139	24	6.78	1500	<0.5	1.12	144	4070	27	<50	0.21	2	
C69574 (9978203)	<1	2.90	128	23	6.96	1420	0.7	1.08	152	3490	22	<50	0.15	<1	
C69575 (9978204)	<1	2.93	107	21	6.17	1380	<0.5	1.37	162	3360	23	<50	0.19	<1	
C69576 (9978205)	<1	1.19	38	25	1.29	687	0.9	4.75	23.4	880	<20	<50	0.06	<1	
C69577 (9978206)	<1	2.59	62	28	7.80	1370	5.9	1.95	305	2870	<20	<50	0.20	<1	
C69578 (9978207)	<1	2.53	63	28	7.80	1360	7.2	1.92	317	2800	<20	<50	0.20	<1	
C69579 (9978208)	<1	0.65	19	22	0.64	602	0.7	4.42	7.7	919	<20	<50	0.02	<1	
C69580 (9978209)	<1	1.18	29	16	0.57	609	0.7	3.20	8.3	513	<20	<50	<0.01	<1	
C69581 (9978210)	<1	2.49	10	13	0.32	705	0.9	3.03	4.2	298	<20	<50	0.02	<1	
C69582 (9978211)	<1	1.61	16	20	0.51	653	<0.5	3.15	57.5	640	35	<50	0.40	3	
C69583 (9978212)	<1	1.05	15	26	0.55	660	<0.5	3.18	4.9	733	<20	<50	0.02	2	

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## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 18, 2019	DATE RECEIVED: Mar 19, 2019					DATE REPORTED: Apr 05, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
C69584 (9978213)	<1	1.12	19	18	0.61	618	<0.5	3.29	6.7	563	<20	<50	<0.01	<1	
C69585 (9978214)	<1	1.14	16	29	0.62	759	<0.5	3.26	4.7	754	<20	<50	0.01	<1	
C69586 (9978215)	<1	0.42	9	9	4.15	1290	<0.5	2.20	104	874	<20	<50	0.08	<1	
C69587 (9978216)	<1	3.41	2	5	0.08	968	0.6	2.57	0.9	109	31	<50	<0.01	1	
C69588 (9978217)	<1	1.26	16	41	0.67	823	0.5	3.23	3.2	868	<20	<50	<0.01	<1	
C69589 (9978218)	<1	1.20	17	37	0.62	627	0.8	3.33	4.0	743	<20	<50	<0.01	<1	
C69590 (9978219)	<1	1.67	21	26	0.59	572	0.5	3.21	7.1	541	<20	<50	<0.01	<1	
C69591 (9978220)	<1	3.25	6	14	0.19	185	0.7	3.29	2.3	244	25	<50	0.01	<1	
C69592 (9978221)	<1	0.02	3	<1	2.58	51	0.8	0.04	<0.5	72	<20	<50	0.01	<1	
C69593 (9978222)	<1	1.09	23	33	0.56	571	0.5	2.96	7.6	456	<20	<50	<0.01	<1	
C69594 (9978223)	<1	1.06	21	29	0.57	607	<0.5	2.99	6.4	462	<20	<50	<0.01	<1	
C69595 (9978224)	<1	1.18	21	25	0.53	513	<0.5	2.99	6.6	456	<20	<50	0.01	2	
C69596 (9978225)	<1	1.51	21	21	0.57	503	1.1	3.19	7.5	581	<20	<50	<0.01	<1	
C69597 (9978226)	<1	1.19	24	27	1.08	626	1.0	3.43	21.5	1090	<20	<50	0.04	<1	
C69598 (9978227)	<1	1.19	23	27	1.07	625	<0.5	3.52	21.3	1070	<20	<50	0.04	<1	
C69599 (9978228)	<1	1.16	25	45	2.35	847	0.9	3.25	112	1840	<20	<50	0.03	<1	
C69600 (9978229)	<1	1.26	21	24	0.55	519	<0.5	3.53	7.9	482	<20	<50	0.01	1	
C69601 (9978230)	<1	1.17	22	22	0.56	516	0.6	3.12	7.0	455	<20	<50	<0.01	2	
C69602 (9978231)	<1	1.39	21	47	0.73	594	0.5	3.03	8.0	479	<20	<50	<0.01	<1	
C69603 (9978232)	<1	2.08	5	12	0.18	1000	<0.5	3.74	3.1	134	34	<50	<0.01	<1	
C69604 (9978233)	<1	4.28	<2	1	0.02	1390	<0.5	2.69	<0.5	47	49	<50	<0.01	2	
C69605 (9978234)	<1	3.53	9	7	0.09	1230	0.6	3.00	1.5	88	39	<50	<0.01	1	
C69606 (9978235)	<1	0.43	9	9	4.25	1320	<0.5	2.23	103	871	<20	<50	0.08	1	
C69607 (9978236)	<1	1.25	16	42	0.94	771	<0.5	3.10	26.3	420	<20	<50	<0.01	1	
C69608 (9978237)	<1	1.18	21	33	0.60	525	<0.5	3.23	7.1	477	<20	<50	<0.01	<1	
C69609 (9978238)	<1	1.20	20	26	0.78	612	0.7	3.25	17.6	575	<20	<50	0.02	<1	
C69610 (9978239)	<1	2.40	57	38	7.29	1170	2.6	2.87	312	3130	<20	<50	0.17	<1	
C69611 (9978240)	<1	1.12	21	20	0.58	512	<0.5	3.41	8.0	497	<20	<50	0.02	<1	
C69612 (9978241)	<1	0.02	2	<1	2.13	50	<0.5	0.03	1.1	75	<20	<50	<0.01	<1	
C69613 (9978242)	<1	1.20	23	23	0.67	464	<0.5	3.20	12.0	545	<20	<50	0.01	1	
C69614 (9978243)	<1	1.29	20	29	0.73	587	<0.5	2.91	7.0	478	<20	<50	<0.01	<1	
C69615 (9978244)	<1	1.33	24	18	0.97	387	1.5	2.97	11.9	494	<20	<50	0.01	2	

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 18, 2019	DATE RECEIVED: Mar 19, 2019					DATE REPORTED: Apr 05, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
C69616 (9978245)	<1	1.13	13	15	3.84	1210	<0.5	2.82	180	637	<20	<50	<0.01	<1	
C69617 (9978246)	<1	2.71	74	18	4.22	1290	<0.5	1.95	107	4610	<20	<50	0.15	<1	
C69618 (9978247)	<1	2.75	73	18	4.21	1290	0.8	1.98	102	4480	<20	<50	0.15	1	
C69619 (9978248)	<1	0.85	16	17	2.76	1030	0.5	2.78	113	600	<20	<50	<0.01	2	
C69620 (9978249)	<1	1.17	15	116	4.47	1500	<0.5	2.51	215	1140	<20	<50	0.05	<1	
C69621 (9978250)	<1	1.36	42	21	0.86	455	0.7	3.70	11.0	1330	<20	<50	0.01	<1	
C69622 (9978251)	<1	1.01	16	23	1.85	847	0.7	2.83	57.7	496	<20	<50	<0.01	<1	
C69623 (9978252)	<1	1.38	20	31	0.96	480	0.6	3.03	11.1	537	<20	<50	0.01	<1	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 18, 2019	DATE RECEIVED: Mar 19, 2019					DATE REPORTED: Apr 05, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
C69552 (9978181)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	2.6	
C69553 (9978182)	17	<10	5	262	<10	<10	<5	0.26	<5	<50	70.1	<1	39	125	
C69554 (9978183)	29	<10	<5	171	<10	<10	<5	0.47	<5	<50	160	<1	19	140	
C69555 (9978184)	17	<10	<5	230	<10	<10	<5	0.37	<5	<50	79.1	<1	23	132	
C69556 (9978185)	9	<10	<5	222	<10	<10	<5	0.24	<5	<50	34.6	<1	21	118	
C69557 (9978186)	8	<10	<5	203	<10	<10	<5	0.23	<5	<50	29.1	2	19	113	
C69558 (9978187)	8	<10	<5	210	<10	<10	<5	0.23	<5	<50	28.2	<1	18	114	
C69559 (9978188)	8	<10	<5	182	<10	<10	<5	0.25	<5	<50	30.9	<1	24	133	
C69560 (9978189)	9	<10	5	199	<10	<10	<5	0.26	<5	<50	35.2	<1	28	117	
C69561 (9978190)	25	<10	<5	604	<10	47	<5	1.44	<5	<50	261	3	33	80.2	
C69562 (9978191)	9	<10	<5	163	<10	<10	<5	0.24	<5	<50	28.0	<1	27	75.4	
C69563 (9978192)	9	<10	<5	170	<10	<10	<5	0.27	<5	<50	31.0	<1	25	79.3	
C69564 (9978193)	9	<10	<5	159	<10	<10	<5	0.26	<5	<50	31.1	<1	21	76.7	
C69565 (9978194)	9	<10	<5	171	<10	<10	<5	0.26	<5	<50	30.0	<1	22	88.3	
C69566 (9978195)	45	<10	<5	117	<10	<10	<5	0.70	<5	<50	307	<1	22	82.2	
C69567 (9978196)	7	<10	<5	161	<10	<10	<5	0.19	<5	<50	22.8	<1	19	85.8	
C69568 (9978197)	8	<10	6	240	<10	<10	<5	0.22	<5	<50	31.4	1	36	111	
C69569 (9978198)	29	<10	<5	1270	<10	80	<5	2.37	<5	<50	319	1	37	87.9	
C69570 (9978199)	28	<10	<5	1190	<10	87	16	2.61	<5	<50	259	<1	33	106	
C69571 (9978200)	35	<10	<5	550	<10	54	76	1.53	<5	<50	174	<1	26	94.9	
C69572 (9978201)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	4.5	
C69573 (9978202)	33	<10	<5	1120	<10	101	<5	2.75	<5	<50	317	2	34	87.5	
C69574 (9978203)	38	<10	<5	1070	<10	101	<5	2.80	<5	<50	284	3	30	80.8	
C69575 (9978204)	31	<10	<5	959	<10	80	<5	2.37	<5	<50	327	2	34	74.4	
C69576 (9978205)	26	<10	<5	319	<10	<10	<5	0.49	<5	<50	170	<1	33	78.5	
C69577 (9978206)	23	<10	<5	905	<10	65	<5	2.00	<5	<50	267	<1	31	83.3	
C69578 (9978207)	23	<10	<5	904	<10	61	<5	1.91	<5	<50	272	2	31	84.2	
C69579 (9978208)	10	<10	<5	193	<10	<10	<5	0.29	<5	<50	33.6	<1	28	79.9	
C69580 (9978209)	9	<10	<5	137	<10	<10	<5	0.24	<5	<50	29.3	<1	25	88.5	
C69581 (9978210)	5	<10	<5	102	<10	<10	<5	0.13	<5	<50	13.6	<1	17	67.0	
C69582 (9978211)	8	<10	6	129	<10	<10	<5	0.25	<5	<50	25.9	<1	22	106	
C69583 (9978212)	10	<10	<5	157	<10	<10	<5	0.30	<5	<50	31.2	<1	23	78.0	

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T447994

PROJECT: AGAT00575

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 18, 2019

DATE RECEIVED: Mar 19, 2019

DATE REPORTED: Apr 05, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
C69584 (9978213)	10	<10	<5	166	<10	<10	<5	0.27	<5	<50	34.9	<1	24	71.4
C69585 (9978214)	10	<10	5	143	<10	<10	<5	0.32	<5	<50	30.2	<1	23	86.5
C69586 (9978215)	32	<10	<5	246	<10	20	<5	0.86	<5	<50	228	<1	21	90.1
C69587 (9978216)	4	<10	<5	54	<10	<10	5	0.04	<5	<50	4.5	1	19	23.6
C69588 (9978217)	11	<10	<5	150	<10	<10	<5	0.36	<5	<50	33.4	<1	25	90.2
C69589 (9978218)	11	<10	6	167	<10	<10	<5	0.34	<5	<50	31.8	<1	26	78.2
C69590 (9978219)	9	<10	5	139	<10	<10	<5	0.27	<5	<50	32.7	1	22	72.7
C69591 (9978220)	2	<10	<5	86	<10	<10	<5	0.09	<5	<50	6.7	1	3	45.4
C69592 (9978221)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	3.3
C69593 (9978222)	9	<10	<5	132	<10	<10	<5	0.25	<5	<50	29.8	<1	25	74.3
C69594 (9978223)	9	<10	<5	139	<10	<10	<5	0.25	<5	<50	29.5	<1	25	64.2
C69595 (9978224)	8	<10	<5	131	<10	<10	<5	0.23	<5	<50	27.4	<1	22	63.7
C69596 (9978225)	8	<10	<5	135	<10	<10	<5	0.23	<5	<50	28.1	<1	18	74.0
C69597 (9978226)	11	<10	<5	225	<10	<10	<5	0.37	<5	<50	51.0	<1	26	60.8
C69598 (9978227)	11	<10	<5	228	<10	<10	<5	0.36	<5	<50	50.6	<1	26	62.0
C69599 (9978228)	16	<10	<5	329	<10	<10	<5	0.37	<5	<50	62.5	2	28	65.0
C69600 (9978229)	9	<10	<5	147	<10	<10	<5	0.22	<5	<50	32.7	<1	21	60.1
C69601 (9978230)	8	<10	<5	145	<10	<10	<5	0.23	<5	<50	29.3	<1	24	54.0
C69602 (9978231)	9	<10	5	161	<10	<10	<5	0.28	<5	<50	33.5	<1	24	80.1
C69603 (9978232)	6	<10	5	55	<10	<10	13	0.06	<5	<50	7.8	<1	24	45.6
C69604 (9978233)	4	<10	<5	24	<10	<10	14	<0.01	<5	<50	<0.5	<1	26	5.0
C69605 (9978234)	5	<10	<5	31	<10	<10	14	0.04	<5	<50	3.6	<1	24	23.6
C69606 (9978235)	32	<10	<5	249	<10	16	<5	0.87	<5	<50	230	<1	21	90.6
C69607 (9978236)	10	<10	6	127	<10	<10	<5	0.25	<5	<50	36.6	<1	22	88.8
C69608 (9978237)	9	<10	<5	149	<10	<10	<5	0.26	<5	<50	30.4	<1	26	69.3
C69609 (9978238)	9	<10	<5	169	<10	<10	<5	0.27	<5	<50	36.9	<1	21	65.3
C69610 (9978239)	16	<10	<5	929	<10	43	<5	1.39	<5	<50	198	3	25	69.8
C69611 (9978240)	9	<10	<5	159	<10	<10	<5	0.27	<5	<50	30.4	<1	24	63.5
C69612 (9978241)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	3.2
C69613 (9978242)	10	<10	<5	160	<10	<10	<5	0.26	<5	<50	32.0	<1	26	58.3
C69614 (9978243)	9	<10	<5	166	<10	<10	<5	0.25	<5	<50	29.1	<1	27	57.6
C69615 (9978244)	9	<10	<5	195	<10	<10	<5	0.26	<5	<50	39.3	<1	18	61.4

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T447994

PROJECT: AGAT00575

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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 18, 2019	DATE RECEIVED: Mar 19, 2019					DATE REPORTED: Apr 05, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
C69616 (9978245)	28	<10	<5	185	<10	<10	<5	0.47	<5	<50	149	2	23	106	
C69617 (9978246)	17	<10	<5	1240	<10	27	<5	0.91	<5	<50	136	2	24	80.0	
C69618 (9978247)	17	<10	<5	1230	<10	26	<5	0.88	<5	<50	141	<1	25	80.5	
C69619 (9978248)	20	<10	<5	214	<10	<10	<5	0.37	<5	<50	102	1	22	75.3	
C69620 (9978249)	29	<10	<5	323	<10	11	<5	0.44	<5	<50	155	<1	28	93.5	
C69621 (9978250)	17	<10	<5	224	<10	<10	6	0.20	<5	<50	100	2	14	90.7	
C69622 (9978251)	14	<10	<5	202	<10	<10	<5	0.33	<5	<50	60.0	<1	20	77.2	
C69623 (9978252)	10	<10	<5	171	<10	<10	<5	0.28	<5	<50	34.5	<1	21	59.6	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T447994

PROJECT: AGAT00575

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 18, 2019      DATE RECEIVED: Mar 19, 2019      DATE REPORTED: Apr 05, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
C69552 (9978181)			<5
C69553 (9978182)			170
C69554 (9978183)			48
C69555 (9978184)			131
C69556 (9978185)			173
C69557 (9978186)			163
C69558 (9978187)			165
C69559 (9978188)			174
C69560 (9978189)			164
C69561 (9978190)			222
C69562 (9978191)			153
C69563 (9978192)			154
C69564 (9978193)			143
C69565 (9978194)			161
C69566 (9978195)			55
C69567 (9978196)			130
C69568 (9978197)			170
C69569 (9978198)			307
C69570 (9978199)			400
C69571 (9978200)			234
C69572 (9978201)			<5
C69573 (9978202)			352
C69574 (9978203)			500
C69575 (9978204)			391
C69576 (9978205)			199
C69577 (9978206)			286
C69578 (9978207)			267
C69579 (9978208)			179
C69580 (9978209)			146
C69581 (9978210)			105
C69582 (9978211)			154
C69583 (9978212)			153

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T447994

PROJECT: AGAT00575

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 18, 2019      DATE RECEIVED: Mar 19, 2019      DATE REPORTED: Apr 05, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C69584 (9978213)				146
C69585 (9978214)				158
C69586 (9978215)				87
C69587 (9978216)				68
C69588 (9978217)				175
C69589 (9978218)				156
C69590 (9978219)				147
C69591 (9978220)				13
C69592 (9978221)				<5
C69593 (9978222)				166
C69594 (9978223)				141
C69595 (9978224)				159
C69596 (9978225)				172
C69597 (9978226)				188
C69598 (9978227)				180
C69599 (9978228)				273
C69600 (9978229)				171
C69601 (9978230)				164
C69602 (9978231)				167
C69603 (9978232)				86
C69604 (9978233)				72
C69605 (9978234)				75
C69606 (9978235)				88
C69607 (9978236)				137
C69608 (9978237)				171
C69609 (9978238)				143
C69610 (9978239)				209
C69611 (9978240)				168
C69612 (9978241)				<5
C69613 (9978242)				167
C69614 (9978243)				171
C69615 (9978244)				167

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T447994

PROJECT: AGAT00575

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 18, 2019

DATE RECEIVED: Mar 19, 2019

DATE REPORTED: Apr 05, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
C69616 (9978245)	87
C69617 (9978246)	239
C69618 (9978247)	237
C69619 (9978248)	89
C69620 (9978249)	159
C69621 (9978250)	181
C69622 (9978251)	131
C69623 (9978252)	164

Comments: RDL - Reported Detection Limit

9978181-9978252 As, Sb values may be low due to digestion losses.

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T447994

PROJECT: AGAT00575

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 18, 2019      DATE RECEIVED: Mar 19, 2019      DATE REPORTED: Apr 05, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C69552 (9978181)			0.001
C69553 (9978182)			0.005
C69554 (9978183)			0.004
C69555 (9978184)			0.015
C69556 (9978185)			0.025
C69557 (9978186)			0.004
C69558 (9978187)			0.031
C69559 (9978188)			0.006
C69560 (9978189)			0.002
C69561 (9978190)			0.003
C69562 (9978191)			0.002
C69563 (9978192)			0.001
C69564 (9978193)			0.002
C69565 (9978194)			<0.001
C69566 (9978195)			0.518
C69567 (9978196)			0.003
C69568 (9978197)			0.013
C69569 (9978198)			0.002
C69570 (9978199)			0.002
C69571 (9978200)			0.003
C69572 (9978201)			0.001
C69573 (9978202)			0.025
C69574 (9978203)			0.002
C69575 (9978204)			0.002
C69576 (9978205)			0.001
C69577 (9978206)			0.002
C69578 (9978207)			0.004
C69579 (9978208)			0.003
C69580 (9978209)			0.002
C69581 (9978210)			0.004
C69582 (9978211)			0.011
C69583 (9978212)			0.021

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T447994

PROJECT: AGAT00575

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 18, 2019

DATE RECEIVED: Mar 19, 2019

DATE REPORTED: Apr 05, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au	ppm	0.001	
C69584 (9978213)				0.003
C69585 (9978214)				0.006
C69586 (9978215)				0.339
C69587 (9978216)				0.010
C69588 (9978217)				0.001
C69589 (9978218)				0.002
C69590 (9978219)				0.017
C69591 (9978220)				0.001
C69592 (9978221)				<0.001
C69593 (9978222)				0.005
C69594 (9978223)				0.003
C69595 (9978224)				0.003
C69596 (9978225)				0.005
C69597 (9978226)				0.009
C69598 (9978227)				0.002
C69599 (9978228)				0.005
C69600 (9978229)				0.028
C69601 (9978230)				0.009
C69602 (9978231)				0.005
C69603 (9978232)				0.002
C69604 (9978233)				<0.001
C69605 (9978234)				0.001
C69606 (9978235)				0.327
C69607 (9978236)				0.013
C69608 (9978237)				0.001
C69609 (9978238)				0.007
C69610 (9978239)				0.002
C69611 (9978240)				0.002
C69612 (9978241)				<0.001
C69613 (9978242)				0.002
C69614 (9978243)				0.002
C69615 (9978244)				0.013

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T447994

PROJECT: AGAT00575

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 CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 18, 2019      DATE RECEIVED: Mar 19, 2019      DATE REPORTED: Apr 05, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C69616 (9978245)			0.012
C69617 (9978246)			0.005
C69618 (9978247)			0.002
C69619 (9978248)			0.002
C69620 (9978249)			0.031
C69621 (9978250)			0.002
C69622 (9978251)			0.003
C69623 (9978252)			0.002

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T447994

PROJECT: AGAT00575

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MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 18, 2019

DATE RECEIVED: Mar 19, 2019

DATE REPORTED: Apr 05, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
C69553 (9978182)		88
C69571 (9978200)		95
C69591 (9978220)		88
C69611 (9978240)		83

Comments: RDL - Reported Detection Limit

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	9978181	< 0.5	< 0.5	0.0%	9978196	< 0.5	< 0.5	0.0%	9978206	< 0.5	< 0.5	0.0%	9978220	< 0.5	< 0.5	0.0%
Al	9978181	0.06	0.06	0.0%	9978196	7.02	6.70	4.7%	9978206	3.21	3.18	0.9%	9978220	7.78	8.12	4.3%
As	9978181	1	2		9978196	1	< 1		9978206	< 1	< 1	0.0%	9978220	< 1	2	
Ba	9978181	19	16	17.1%	9978196	289	278	3.9%	9978206	917	805	13.0%	9978220	306	319	4.2%
Be	9978181	< 0.5	< 0.5	0.0%	9978196	1.8	1.8	0.0%	9978206	6.4	6.9	7.5%	9978220	< 0.5	< 0.5	0.0%
Bi	9978181	< 1	< 1	0.0%	9978196	< 1	< 1	0.0%	9978206	< 1	3		9978220	< 1	< 1	0.0%
Ca	9978181	31.7	32.6	2.8%	9978196	2.43	2.34	3.8%	9978206	8.77	8.26	6.0%	9978220	1.34	1.42	5.8%
Cd	9978181	< 0.5	< 0.5	0.0%	9978196	< 0.5	< 0.5	0.0%	9978206	< 0.5	< 0.5	0.0%	9978220	< 0.5	< 0.5	0.0%
Ce	9978181	< 1	< 1	0.0%	9978196	40	40	0.0%	9978206	131	133	1.5%	9978220	10	11	9.5%
Co	9978181	0.76	0.62	20.3%	9978196	4.9	5.1	4.0%	9978206	43.2	48.3	11.1%	9978220	1.6	1.5	6.5%
Cr	9978181	1.12	1.36	19.4%	9978196	11.7	14.1	18.6%	9978206	507	517	2.0%	9978220	6.62	8.48	24.6%
Cu	9978181	< 0.5	< 0.5	0.0%	9978196	< 0.5	0.8		9978206	112	104	7.4%	9978220	9.24	9.47	2.5%
Fe	9978181	0.08	0.08	0.0%	9978196	2.56	2.43	5.2%	9978206	7.94	7.90	0.5%	9978220	1.24	1.32	6.3%
Ga	9978181	13	11	16.7%	9978196	20	22	9.5%	9978206	37	37	0.0%	9978220	20	21	4.9%
In	9978181	< 1	1		9978196	< 1	< 1	0.0%	9978206	< 1	< 1	0.0%	9978220	< 1	< 1	0.0%
K	9978181	0.02	0.02	0.0%	9978196	1.26	1.21	4.0%	9978206	2.59	2.48	4.3%	9978220	3.25	3.42	5.1%
La	9978181	3	3	0.0%	9978196	16	17	6.1%	9978206	62	62	0.0%	9978220	6	6	0.0%
Li	9978181	< 1	< 1	0.0%	9978196	18	16	11.8%	9978206	28	27	3.6%	9978220	14	14	0.0%
Mg	9978181	2.52	2.57	2.0%	9978196	0.49	0.461	5.1%	9978206	7.80	7.75	0.6%	9978220	0.19	0.20	5.1%
Mn	9978181	52	48	8.0%	9978196	623	597	4.3%	9978206	1370	1350	1.5%	9978220	185	197	6.3%
Mo	9978181	0.7	0.6	15.4%	9978196	<0.5	0.8		9978206	5.9	6.8	14.2%	9978220	0.7	0.7	0.0%
Na	9978181	0.03	0.03	0.0%	9978196	2.98	2.89	3.1%	9978206	1.95	2.02	3.5%	9978220	3.29	3.44	4.5%
Ni	9978181	< 0.5	< 0.5	0.0%	9978196	6.2	6.40	2.9%	9978206	305	328	7.3%	9978220	2.26	1.95	14.7%
P	9978181	84	65	25.5%	9978196	340	358	5.2%	9978206	2870	2690	6.5%	9978220	244	240	1.7%
Pb	9978181	< 20	< 20	0.0%	9978196	< 20	< 20	0.0%	9978206	< 20	< 20	0.0%	9978220	25	26	3.9%
Rb	9978181	< 50	< 50	0.0%	9978196	< 50	< 50	0.0%	9978206	< 50	< 50	0.0%	9978220	< 50	< 50	0.0%
S	9978181	< 0.01	< 0.01	0.0%	9978196	0.02	0.02	0.0%	9978206	0.20	0.190	3.6%	9978220	0.01	0.01	0.0%
Sb	9978181	< 1	< 1	0.0%	9978196	< 1	< 1	0.0%	9978206	< 1	2		9978220	< 1	2	
Sc	9978181	< 1	< 1	0.0%	9978196	7	7	0.0%	9978206	23	24	4.3%	9978220	2	2	0.0%
Se	9978181	< 10	< 10	0.0%	9978196	< 10	< 10	0.0%	9978206	< 10	< 10	0.0%	9978220	< 10	< 10	0.0%
Sn	9978181	< 5	< 5	0.0%	9978196	< 5	< 5	0.0%	9978206	< 5	< 5	0.0%	9978220	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	9978181	69	68	1.5%	9978196	161	154	4.4%	9978206	905	837	7.8%	9978220	86	91	5.6%
Ta	9978181	< 10	< 10	0.0%	9978196	< 10	< 10	0.0%	9978206	< 10	< 10	0.0%	9978220	< 10	< 10	0.0%
Te	9978181	< 10	< 10	0.0%	9978196	< 10	< 10	0.0%	9978206	65	62	4.7%	9978220	< 10	< 10	0.0%
Th	9978181	< 5	< 5	0.0%	9978196	< 5	< 5	0.0%	9978206	< 5	< 5	0.0%	9978220	< 5	< 5	0.0%
Ti	9978181	< 0.01	< 0.01	0.0%	9978196	0.19	0.182	4.8%	9978206	2.00	1.80	10.5%	9978220	0.094	0.099	5.2%
Tl	9978181	< 5	< 5	0.0%	9978196	< 5	< 5	0.0%	9978206	< 5	< 5	0.0%	9978220	< 5	< 5	0.0%
U	9978181	< 50	< 50	0.0%	9978196	< 50	< 50	0.0%	9978206	< 50	< 50	0.0%	9978220	< 50	< 50	0.0%
V	9978181	1.16	0.94	21.0%	9978196	22.8	23.2	1.7%	9978206	267	272	1.9%	9978220	6.7	6.8	1.5%
W	9978181	< 1	< 1	0.0%	9978196	< 1	< 1	0.0%	9978206	< 1	3		9978220	1	< 1	
Y	9978181	2	2	0.0%	9978196	19	19	0.0%	9978206	31	32	3.2%	9978220	3	3	0.0%
Zn	9978181	2.61	3.00	13.9%	9978196	85.8	80.2	6.7%	9978206	83.3	79.9	4.2%	9978220	45.4	48.7	7.0%
Zr	9978181	< 5	< 5	0.0%	9978196	130	128	1.6%	9978206	286	278	2.8%	9978220	13	20	
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	9978231	< 0.5	< 0.5	0.0%	9978245	< 0.5	< 0.5	0.0%								
Al	9978231	7.76	7.56	2.6%	9978245	7.85	7.55	3.9%								
As	9978231	1	2	66.7%	9978245	14	12	15.4%								
Ba	9978231	332	325	2.1%	9978245	315	295	6.6%								
Be	9978231	0.5	0.6	18.2%	9978245	1.29	1.23	4.8%								
Bi	9978231	1	< 1		9978245	< 1	< 1	0.0%								
Ca	9978231	2.22	2.21	0.5%	9978245	5.99	5.76	3.9%								
Cd	9978231	< 0.5	< 0.5	0.0%	9978245	< 0.5	< 0.5	0.0%								
Ce	9978231	49	52	5.9%	9978245	32	31	3.2%								
Co	9978231	6.1	6.98	12.8%	9978245	38.5	39.1	1.5%								
Cr	9978231	11.5	14	19.6%	9978245	443	451	1.8%								
Cu	9978231	2.5	2.9	14.8%	9978245	4.8	3.9	20.7%								
Fe	9978231	3.53	3.43	2.9%	9978245	6.78	6.64	2.1%								
Ga	9978231	23	25	8.3%	9978245	32	32	0.0%								
In	9978231	< 1	< 1	0.0%	9978245	< 1	< 1	0.0%								
K	9978231	1.39	1.37	1.4%	9978245	1.13	1.08	4.5%								
La	9978231	21	22	4.7%	9978245	13	12	8.0%								
Li	9978231	47	46	2.2%	9978245	15	14	6.9%								
Mg	9978231	0.73	0.75	2.7%	9978245	3.84	3.84	0.0%								
Mn	9978231	594	582	2.0%	9978245	1210	1180	2.5%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	9978231	0.5	0.67	19.7%	9978245	< 0.5	< 0.5	0.0%								
Na	9978231	3.03	3.01	0.7%	9978245	2.82	2.65	6.2%								
Ni	9978231	8.0	8.3	3.7%	9978245	180	182	1.1%								
P	9978231	479	513	6.9%	9978245	637	615	3.5%								
Pb	9978231	< 20	< 20	0.0%	9978245	< 20	< 20	0.0%								
Rb	9978231	< 50	< 50	0.0%	9978245	< 50	< 50	0.0%								
S	9978231	< 0.01	< 0.01	0.0%	9978245	< 0.01	< 0.01	0.0%								
Sb	9978231	< 1	1		9978245	< 1	2									
Sc	9978231	9	10	10.5%	9978245	28	27	3.6%								
Se	9978231	< 10	< 10	0.0%	9978245	< 10	< 10	0.0%								
Sn	9978231	5	5	0.0%	9978245	< 5	< 5	0.0%								
Sr	9978231	161	160	0.6%	9978245	185	175	5.6%								
Ta	9978231	< 10	< 10	0.0%	9978245	< 10	< 10	0.0%								
Te	9978231	< 10	< 10	0.0%	9978245	< 10	< 10	0.0%								
Th	9978231	< 5	< 5	0.0%	9978245	< 5	< 5	0.0%								
Ti	9978231	0.28	0.28	0.0%	9978245	0.47	0.46	2.2%								
Tl	9978231	< 5	< 5	0.0%	9978245	< 5	< 5	0.0%								
U	9978231	< 50	< 50	0.0%	9978245	< 50	< 50	0.0%								
V	9978231	33.5	35.0	4.4%	9978245	149	147	1.4%								
W	9978231	< 1	1		9978245	2	2	0.0%								
Y	9978231	24	25	4.1%	9978245	23	22	4.4%								
Zn	9978231	80.1	85.0	5.9%	9978245	106	103	2.9%								
Zr	9978231	167	173	3.5%	9978245	87	78	10.9%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	9978181	0.001	< 0.001		9978196	0.003	0.003	0.0%	9978206	0.002	0.003		9978220	0.001	0.004	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	9978231	0.005	0.006	18.2%	9978245	0.012	0.004									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.88	99%	90% - 110%	8.17	8.19	100%	90% - 110%	6.96	6.83	98%	90% - 110%				
As					26	28	109%	90% - 110%	124	128	103%	90% - 110%				
Ba	340	341	100%	90% - 110%	540	527	98%	90% - 110%	186	186	100%	90% - 110%				
Be	2.6	2.6	100%	90% - 110%	4.0	3.5	87%	90% - 110%								
Ca	5.72	5.76	101%	90% - 110%	0.907	0.913	101%	90% - 110%	4.01	4	100%	90% - 110%				
Ce	122	121	99%	90% - 110%	98	96	98%	90% - 110%	24	22	91%	90% - 110%				
Co									22.1	20.8	94%	90% - 110%				
Cr					60.3	57.9	96%	90% - 110%								
Cu					150	153	102%	90% - 110%	88.6	84.6	95%	90% - 110%				
Fe	4.34	4.2	97%	90% - 110%	3.77	3.8	101%	90% - 110%	7.56	7.45	99%	90% - 110%				
Ga	35	35.1	100%	90% - 110%									35	35.7	102%	90% - 110%
K	1.37	1.43	104%	90% - 110%					2.021	2.013	100%	90% - 110%				
La	58	54	93%	90% - 110%	44	40	90%	90% - 110%								
Li	37	38	102%	90% - 110%	47	46	97%	90% - 110%								
Mg	0.325	0.312	96%	90% - 110%	1.10	1.1	100%	90% - 110%	2.412	2.423	100%	90% - 110%				
Mn					780	770	99%	90% - 110%	1510	1465	97%	90% - 110%				
Mo					14	13	91%	90% - 110%								
Na	5.267	5.324	101%	90% - 110%	1.624	1.679	103%	90% - 110%	0.617	0.617	100%	90% - 110%				
Ni					32	31	98%	90% - 110%	77.1	70.5	91%	90% - 110%				
P					750	758	101%	90% - 110%	892	940	105%	90% - 110%				
Pb					31	29	93%	90% - 110%								
S									0.348	0.329	95%	90% - 110%				
Sc					12	12	98%	90% - 110%								
Sr	1191	1229	103%	90% - 110%	144	156	109%	90% - 110%	92.8	92.2	99%	90% - 110%				
Ta					1.9	2.1	110%	90% - 110%								
Ti	0.172	0.177	103%	90% - 110%	0.53	0.49	93%	90% - 110%								
V					77	76	99%	90% - 110%								
Y	119	119	100%	90% - 110%												
Zn	93	97	104%	90% - 110%	130	127	97%	90% - 110%	208	215	103%	90% - 110%				
	CRM #5 (ref.SY-4)															
Parameter	Expect	Actual	Recovery	Limits												



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Al	10.95	10.61	97%	90% - 110%													
Ba	340	334	98%	90% - 110%													
Be	2.6	2.5	95%	90% - 110%													
Ca	5.72	5.66	99%	90% - 110%													
Ce	122	117	96%	90% - 110%													
Fe	4.34	4.12	95%	90% - 110%													
Ga	35	38	107%	90% - 110%													
K	1.37	1.38	101%	90% - 110%													
La	58	53	92%	90% - 110%													
Li	37	37	99%	90% - 110%													
Mg	0.325	0.306	94%	90% - 110%													
Na	5.267	5.246	100%	90% - 110%													
Ni	9	8	88%	90% - 110%													
Sr	1191	1209	101%	90% - 110%													
Ti	0.172	0.174	101%	90% - 110%													
Y	119	117	98%	90% - 110%													
Zn	93	93	100%	90% - 110%													

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GSP5G)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	6.87	7	102%	90% - 110%	0.725	0.746	103%	90% - 110%	0.562	0.588	105%	90% - 110%				

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00575  
 SAMPLING SITE:

AGAT WORK ORDER: 19T447994  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00576

AGAT WORK ORDER: 19T448027

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Apr 04, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

# Certificate of Analysis

AGAT WORK ORDER: 19T448027

PROJECT: AGAT00576

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (200-) Sample Login Weight

DATE SAMPLED: Mar 18, 2019

DATE RECEIVED: Mar 19, 2019

DATE REPORTED: Apr 04, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
Z38201 (9978596)		1.83
Z38202 (9978597)		1.96
Z38203 (9978598)		1.25
Z38204 (9978599)		1.09
Z38205 (9978600)		2.37
Z38206 (9978601)		0.07
Z38207 (9978602)		2.52
Z38208 (9978603)		2.39
Z38209 (9978604)		2.39
Z38210 (9978605)		2.30
Z38211 (9978606)		1.51
Z38212 (9978607)		1.14
Z38213 (9978608)		1.24
Z38214 (9978609)		2.15
Z38215 (9978610)		1.91
Z38216 (9978611)		2.04
Z38217 (9978612)		2.33
Z38218 (9978613)		2.33
Z38219 (9978614)		2.38
Z38220 (9978615)		2.49
Z38221 (9978616)		2.30
Z38222 (9978617)		2.34
Z38223 (9978618)		2.30
Z38224 (9978619)		2.06
Z38225 (9978620)		2.14
Z38226 (9978621)		0.07
Z38227 (9978622)		2.44
Z38228 (9978623)		2.42
Z38229 (9978624)		2.29
Z38230 (9978625)		2.34
Z38231 (9978626)		2.00

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T448027

PROJECT: AGAT00576

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 18, 2019      DATE RECEIVED: Mar 19, 2019      DATE REPORTED: Apr 04, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
Z38232 (9978627)		1.24
Z38233 (9978628)		1.31
Z38234 (9978629)		1.52
Z38235 (9978630)		1.34
Z38236 (9978631)		2.00
Z38237 (9978632)		2.17
Z38238 (9978633)		2.17
Z38239 (9978634)		2.12
Z38240 (9978635)		1.14
Z38241 (9978636)		1.17
Z38242 (9978637)		2.35
Z38243 (9978638)		2.58
Z38244 (9978639)		2.00
Z38245 (9978640)		2.30
Z38246 (9978641)		0.07
Z38247 (9978642)		1.00
Z38248 (9978643)		2.39
Z38249 (9978644)		2.24
Z38250 (9978645)		2.42
Z38251 (9978646)		2.20
Z38252 (9978647)		1.52
Z38253 (9978648)		2.23
Z38254 (9978649)		1.92
Z38255 (9978650)		1.32
Z38256 (9978651)		1.21
Z38257 (9978652)		2.05
Z38258 (9978653)		2.05
Z38259 (9978654)		1.71
Z38260 (9978655)		1.02
Z38261 (9978656)		1.39
Z38262 (9978657)		1.03

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T448027

PROJECT: AGAT00576

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 18, 2019      DATE RECEIVED: Mar 19, 2019      DATE REPORTED: Apr 04, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
Z38263 (9978658)		2.29
Z38264 (9978659)		2.30
Z38265 (9978660)		2.36
Z38266 (9978661)		0.07
Z38267 (9978662)		2.30
Z38268 (9978663)		1.25
Z38269 (9978664)		1.04
Z38270 (9978665)		1.78
Z38271 (9978666)		1.94
Z38272 (9978667)		1.26

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T448027

PROJECT: AGAT00576

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 18, 2019	DATE RECEIVED: Mar 19, 2019							DATE REPORTED: Apr 04, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z38201 (9978596)	<0.5	7.45	<1	317	0.7	<1	2.80	<0.5	45	6.4	116	13.7	3.70	13.0	
Z38202 (9978597)	<0.5	7.34	3	396	0.8	<1	2.27	<0.5	49	6.5	108	11.5	3.47	13.0	
Z38203 (9978598)	<0.5	7.38	<1	347	1.5	<1	2.72	<0.5	45	7.0	101	15.2	3.67	15.0	
Z38204 (9978599)	<0.5	7.30	<1	365	0.7	<1	2.53	<0.5	48	6.9	118	25.3	3.54	14.0	
Z38205 (9978600)	<0.5	7.28	2	321	0.7	<1	2.56	<0.5	49	5.3	89.6	2.4	3.41	12.0	
Z38206 (9978601)	<0.5	7.26	<1	195	1.0	4	6.39	<0.5	20	37.9	190	108	7.77	23.0	
Z38207 (9978602)	<0.5	7.72	<1	395	1.7	<1	2.59	<0.5	51	5.9	114	6.3	3.78	14.0	
Z38208 (9978603)	<0.5	7.58	2	446	1.1	<1	3.08	<0.5	50	8.6	99.7	22.0	4.06	18.0	
Z38209 (9978604)	<0.5	7.33	<1	344	0.6	2	2.92	<0.5	50	6.9	118	15.6	3.62	13.0	
Z38210 (9978605)	<0.5	7.40	2	291	<0.5	<1	2.68	<0.5	48	6.8	93.2	51.3	3.39	13.0	
Z38211 (9978606)	<0.5	7.21	1	306	<0.5	<1	2.42	<0.5	48	7.4	109	52.1	3.12	11.0	
Z38212 (9978607)	<0.5	0.05	2	15	<0.5	<1	31.7	<0.5	<1	0.9	8.2	<0.5	0.09	< 5	
Z38213 (9978608)	<0.5	7.26	<1	235	<0.5	<1	2.53	<0.5	47	8.7	103	145	3.46	13.0	
Z38214 (9978609)	<0.5	7.18	<1	74	<0.5	<1	1.89	<0.5	7	1.0	102	4.7	0.64	5.00	
Z38215 (9978610)	<0.5	7.29	<1	242	<0.5	<1	2.47	<0.5	46	6.4	104	39.6	4.18	14.0	
Z38216 (9978611)	<0.5	7.06	3	231	0.8	<1	2.41	<0.5	47	6.5	108	37.5	3.46	14.0	
Z38217 (9978612)	<0.5	7.06	4	345	<0.5	<1	0.97	<0.5	9	1.0	68.5	2.8	0.98	6.00	
Z38218 (9978613)	<0.5	6.96	2	338	<0.5	<1	0.98	<0.5	12	0.9	70.6	3.1	0.97	6.00	
Z38219 (9978614)	<0.5	7.61	<1	330	1.3	1	2.75	<0.5	47	6.2	85.9	38.2	3.52	14.0	
Z38220 (9978615)	<0.5	7.48	1	223	0.9	3	2.14	<0.5	44	4.3	108	14.8	3.09	13.0	
Z38221 (9978616)	<0.5	7.24	<1	300	0.8	<1	2.18	<0.5	38	6.2	97.8	35.3	3.10	14.0	
Z38222 (9978617)	<0.5	7.55	<1	388	0.6	<1	3.01	<0.5	51	5.1	105	3.1	3.62	14.0	
Z38223 (9978618)	<0.5	7.11	<1	351	<0.5	<1	2.72	<0.5	47	5.5	94.9	12.3	3.44	14.0	
Z38224 (9978619)	<0.5	7.41	2	358	0.6	<1	2.49	<0.5	47	9.2	113	53.6	3.35	13.0	
Z38225 (9978620)	<0.5	7.17	<1	369	0.7	<1	1.94	<0.5	42	6.1	88.6	15.2	3.24	11.0	
Z38226 (9978621)	<0.5	7.05	<1	148	0.6	2	6.78	<0.5	8	41.5	184	153	8.11	24.0	
Z38227 (9978622)	<0.5	7.21	<1	405	<0.5	2	2.57	<0.5	45	5.0	102	3.3	3.35	12.0	
Z38228 (9978623)	<0.5	7.10	2	395	0.6	<1	2.39	<0.5	47	6.3	101	2.4	3.69	14.0	
Z38229 (9978624)	<0.5	7.26	<1	416	0.5	<1	2.57	<0.5	48	4.9	90.9	3.5	3.33	12.0	
Z38230 (9978625)	<0.5	7.20	<1	438	<0.5	<1	2.65	<0.5	49	5.4	114	3.8	3.35	13.0	
Z38231 (9978626)	<0.5	7.42	<1	412	<0.5	2	2.72	<0.5	50	5.1	89.7	11.2	3.56	12.0	
Z38232 (9978627)	<0.5	0.06	2	16	<0.5	<1	33.5	<0.5	<1	0.9	6.9	<0.5	0.10	< 5	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T448027

PROJECT: AGAT00576

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 18, 2019	DATE RECEIVED: Mar 19, 2019							DATE REPORTED: Apr 04, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z38233 (9978628)	<0.5	7.35	<1	348	1.1	<1	2.47	<0.5	46	4.5	117	27.6	3.27	13.0	
Z38234 (9978629)	<0.5	6.90	<1	300	0.9	<1	2.02	<0.5	40	5.5	88.5	22.5	3.07	13.0	
Z38235 (9978630)	<0.5	7.18	<1	302	0.8	<1	2.38	<0.5	47	4.7	108	19.9	3.14	12.0	
Z38236 (9978631)	<0.5	7.90	2	308	1.2	2	2.55	<0.5	48	6.1	105	40.3	2.95	15.0	
Z38237 (9978632)	<0.5	6.58	<1	312	<0.5	<1	2.39	<0.5	42	5.7	96.2	26.0	3.12	11.0	
Z38238 (9978633)	<0.5	7.39	3	341	0.6	<1	2.63	<0.5	47	6.8	87.5	27.6	3.53	13.0	
Z38239 (9978634)	<0.5	7.40	4	345	0.8	<1	2.47	<0.5	49	4.8	99.1	14.0	3.49	14.0	
Z38240 (9978635)	<0.5	7.34	<1	214	1.0	<1	2.38	<0.5	30	2.8	76.7	7.8	1.83	12.0	
Z38241 (9978636)	<0.5	7.49	<1	346	1.4	<1	2.31	<0.5	26	5.5	102	20.5	3.11	17.0	
Z38242 (9978637)	<0.5	7.33	<1	365	1.0	<1	2.38	<0.5	49	4.9	86.9	1.5	3.40	14.0	
Z38243 (9978638)	<0.5	6.95	<1	339	0.6	<1	2.65	<0.5	47	5.2	88.6	13.5	3.48	14.0	
Z38244 (9978639)	<0.5	7.23	<1	302	0.8	2	2.93	<0.5	44	6.2	76.2	12.3	3.64	12.0	
Z38245 (9978640)	<0.5	6.90	<1	242	1.0	<1	2.29	<0.5	44	4.3	79.9	5.1	2.43	12.0	
Z38246 (9978641)	<0.5	7.27	<1	195	1.2	5	6.60	<0.5	20	36.6	181	108	7.72	24.0	
Z38247 (9978642)	<0.5	6.59	2	252	0.6	<1	2.22	<0.5	40	4.6	163	15.6	2.63	10.0	
Z38248 (9978643)	<0.5	7.44	1	325	0.7	<1	2.55	<0.5	48	6.3	191	18.5	3.50	12.0	
Z38249 (9978644)	<0.5	7.38	<1	320	<0.5	<1	2.75	<0.5	48	6.4	173	30.5	3.65	13.0	
Z38250 (9978645)	<0.5	6.94	2	338	0.5	<1	2.40	<0.5	48	6.9	187	51.1	3.44	12.0	
Z38251 (9978646)	<0.5	7.23	<1	339	0.7	<1	2.48	<0.5	48	6.2	176	27.9	3.50	12.0	
Z38252 (9978647)	<0.5	0.07	2	14	<0.5	<1	33.8	<0.5	<1	0.9	12.0	<0.5	0.09	< 5	
Z38253 (9978648)	0.5	7.35	<1	384	0.7	<1	2.43	<0.5	52	5.6	197	32.7	3.59	12.0	
Z38254 (9978649)	<0.5	7.47	1	350	0.7	<1	2.51	<0.5	48	5.4	161	6.2	3.47	13.0	
Z38255 (9978650)	<0.5	7.14	2	453	1.7	<1	2.50	<0.5	47	7.0	145	36.0	3.36	14.0	
Z38256 (9978651)	<0.5	2.65	<1	380	8.2	<1	6.46	<0.5	74	58.9	551	59.8	6.18	22.0	
Z38257 (9978652)	<0.5	6.94	<1	372	0.9	<1	2.30	<0.5	50	5.9	159	4.9	3.23	13.0	
Z38258 (9978653)	<0.5	6.96	<1	364	1.1	<1	2.26	<0.5	51	5.7	47.1	3.5	3.09	13.0	
Z38259 (9978654)	<0.5	6.98	<1	416	0.7	<1	2.28	<0.5	49	6.0	85.6	1.9	3.29	13.0	
Z38260 (9978655)	<0.5	4.92	<1	292	<0.5	<1	1.68	<0.5	34	4.3	54.1	1.2	2.31	6.00	
Z38261 (9978656)	<0.5	6.10	1	333	1.0	<1	2.57	<0.5	47	12.5	146	13.9	3.11	15.0	
Z38262 (9978657)	<0.5	8.63	3	459	0.8	<1	2.76	<0.5	57	6.5	85.0	7.0	3.81	18.0	
Z38263 (9978658)	<0.5	7.29	<1	362	<0.5	1	2.55	<0.5	48	5.5	81.1	6.8	3.45	12.0	
Z38264 (9978659)	<0.5	7.27	1	348	<0.5	<1	2.54	<0.5	49	5.9	84.6	8.6	3.39	12.0	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T448027

PROJECT: AGAT00576

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 18, 2019	DATE RECEIVED: Mar 19, 2019					DATE REPORTED: Apr 04, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z38265 (9978660)	<0.5	7.44	<1	366	0.6	<1	2.63	<0.5	50	6.4	81.9	9.6	3.48	14.0	
Z38266 (9978661)	<0.5	6.99	1	146	<0.5	3	6.85	<0.5	8	39.1	172	154	7.89	24.0	
Z38267 (9978662)	<0.5	7.41	<1	388	0.8	<1	2.51	<0.5	50	5.5	71.9	2.5	3.36	13.0	
Z38268 (9978663)	<0.5	7.49	4	402	1.7	<1	2.55	<0.5	63	5.0	72.5	2.1	3.05	13.0	
Z38269 (9978664)	<0.5	5.73	<1	501	3.9	10	3.92	<0.5	70	28.2	325	52.4	5.79	22.0	
Z38270 (9978665)	<0.5	7.37	3	443	0.7	<1	2.33	<0.5	54	5.5	77.2	2.8	3.30	13.0	
Z38271 (9978666)	<0.5	6.70	<1	330	1.4	1	3.17	<0.5	49	10.5	146	11.2	3.89	15.0	
Z38272 (9978667)	<0.5	0.05	<1	16	<0.5	<1	32.8	<0.5	<1	0.7	5.0	<0.5	0.08	< 5	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 18, 2019	DATE RECEIVED: Mar 19, 2019					DATE REPORTED: Apr 04, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
Z38201 (9978596)	<1	1.10	18	40	0.85	705	5.1	2.24	10.7	577	<20	<50	0.09	<1	
Z38202 (9978597)	<1	1.23	19	36	0.57	554	6.0	2.48	7.3	612	<20	<50	0.03	<1	
Z38203 (9978598)	<1	1.12	18	35	0.69	542	9.1	2.45	7.3	641	<20	<50	0.03	<1	
Z38204 (9978599)	<1	1.14	20	35	0.60	666	7.9	2.49	5.5	635	<20	<50	0.05	<1	
Z38205 (9978600)	<1	1.07	20	35	0.53	645	7.0	2.62	6.0	562	<20	<50	<0.01	<1	
Z38206 (9978601)	<1	0.43	9	10	4.27	1340	<0.5	2.22	108	912	<20	<50	0.08	1	
Z38207 (9978602)	<1	1.28	20	41	0.61	868	6.6	2.56	6.9	621	<20	<50	0.01	<1	
Z38208 (9978603)	<1	1.21	20	38	0.91	757	9.1	2.41	9.0	663	<20	<50	0.04	<1	
Z38209 (9978604)	<1	1.13	20	33	0.68	761	6.8	2.38	7.0	591	<20	<50	0.06	<1	
Z38210 (9978605)	<1	1.23	19	33	0.67	961	13.4	2.39	6.9	569	<20	<50	0.17	<1	
Z38211 (9978606)	<1	1.20	19	34	0.53	832	7.4	2.53	7.4	567	<20	<50	0.16	<1	
Z38212 (9978607)	1	0.01	2	<1	2.24	50	1.0	0.03	0.7	94	<20	<50	<0.01	<1	
Z38213 (9978608)	<1	1.20	19	32	0.65	927	10.7	2.45	8.5	579	<20	<50	0.42	<1	
Z38214 (9978609)	<1	0.77	3	8	0.10	109	7.0	3.54	2.4	56	28	<50	<0.01	<1	
Z38215 (9978610)	<1	1.53	18	47	0.95	944	10.7	2.31	6.5	661	<20	<50	0.15	<1	
Z38216 (9978611)	<1	1.29	19	36	0.75	835	8.5	2.29	6.3	539	<20	<50	0.17	<1	
Z38217 (9978612)	<1	3.58	4	11	0.12	913	7.8	2.48	2.1	58	46	<50	<0.01	<1	
Z38218 (9978613)	<1	3.53	5	11	0.13	905	5.2	2.44	1.9	70	45	<50	<0.01	<1	
Z38219 (9978614)	<1	1.39	19	39	0.87	750	10.4	2.43	7.1	548	<20	<50	0.18	2	
Z38220 (9978615)	<1	1.41	18	41	0.60	671	6.6	2.80	5.2	509	<20	<50	0.05	<1	
Z38221 (9978616)	<1	1.37	15	33	0.67	681	8.2	2.42	6.6	516	<20	<50	0.08	<1	
Z38222 (9978617)	<1	1.16	22	43	0.88	696	5.1	2.41	5.6	599	<20	<50	0.01	<1	
Z38223 (9978618)	<1	1.08	19	35	0.84	495	9.8	2.29	5.5	608	<20	<50	0.06	<1	
Z38224 (9978619)	<1	1.24	19	28	0.67	494	8.3	2.52	7.4	589	<20	<50	0.22	1	
Z38225 (9978620)	<1	1.37	16	26	0.66	543	7.0	2.64	8.5	536	<20	<50	0.03	<1	
Z38226 (9978621)	<1	0.20	4	11	4.28	1400	<0.5	2.16	87.2	426	<20	<50	0.14	<1	
Z38227 (9978622)	<1	1.13	19	25	0.63	611	5.2	2.50	6.5	509	<20	<50	0.01	<1	
Z38228 (9978623)	<1	1.33	19	27	0.74	679	6.5	2.51	7.2	529	<20	<50	0.01	<1	
Z38229 (9978624)	<1	1.40	21	25	0.65	696	7.8	2.81	5.6	503	<20	<50	0.01	<1	
Z38230 (9978625)	<1	1.22	20	35	0.62	671	6.0	2.37	5.7	621	<20	<50	0.02	<1	
Z38231 (9978626)	<1	1.27	20	35	0.67	777	7.9	2.40	5.3	571	<20	<50	0.04	2	
Z38232 (9978627)	<1	0.01	2	<1	2.75	61	1.3	0.03	0.7	89	<20	<50	<0.01	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T448027

PROJECT: AGAT00576

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 18, 2019	DATE RECEIVED: Mar 19, 2019					DATE REPORTED: Apr 04, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
Z38233 (9978628)	<1	1.45	18	34	0.63	743	7.1	2.56	4.7	533	<20	<50	0.10	3	
Z38234 (9978629)	<1	1.41	16	28	0.63	728	8.0	2.81	7.8	630	<20	<50	0.08	<1	
Z38235 (9978630)	<1	1.29	19	24	0.58	755	5.4	2.75	5.7	455	<20	<50	0.08	<1	
Z38236 (9978631)	<1	1.23	19	30	0.53	537	8.9	3.03	5.5	521	<20	<50	0.15	<1	
Z38237 (9978632)	<1	1.17	17	29	0.62	554	6.5	2.27	5.6	506	<20	<50	0.10	<1	
Z38238 (9978633)	<1	1.31	19	33	0.68	606	9.4	2.50	5.6	527	<20	<50	0.10	<1	
Z38239 (9978634)	<1	1.50	20	32	0.67	825	6.0	2.66	4.7	541	<20	<50	0.04	<1	
Z38240 (9978635)	<1	0.93	12	17	0.32	553	8.6	3.04	3.5	241	<20	<50	0.03	<1	
Z38241 (9978636)	<1	1.45	10	35	0.58	350	6.1	2.90	6.4	780	<20	<50	0.08	<1	
Z38242 (9978637)	<1	1.37	19	43	0.65	869	8.7	2.59	5.4	571	<20	<50	0.01	1	
Z38243 (9978638)	<1	1.15	19	30	0.71	696	13.5	2.44	5.2	526	<20	<50	0.05	<1	
Z38244 (9978639)	<1	1.23	18	31	0.78	811	9.1	2.63	6.4	494	<20	<50	0.04	<1	
Z38245 (9978640)	<1	1.15	18	24	0.52	487	6.7	2.75	5.1	424	<20	<50	0.02	<1	
Z38246 (9978641)	<1	0.44	9	10	4.23	1340	0.8	2.29	104	882	<20	<50	0.08	<1	
Z38247 (9978642)	<1	1.06	16	25	0.50	713	19.9	2.37	5.9	384	<20	<50	0.05	<1	
Z38248 (9978643)	<1	1.49	20	36	0.69	948	16.8	2.74	7.7	517	<20	<50	0.07	<1	
Z38249 (9978644)	<1	1.25	20	34	0.76	796	15.0	2.58	6.7	562	<20	<50	0.11	<1	
Z38250 (9978645)	<1	1.15	19	35	0.60	699	16.9	2.47	7.2	553	<20	<50	0.18	<1	
Z38251 (9978646)	<1	1.26	20	31	0.58	757	15.1	2.68	6.9	570	<20	<50	0.10	<1	
Z38252 (9978647)	<1	0.01	2	1	1.90	40	1.9	0.04	0.9	88	<20	<50	<0.01	<1	
Z38253 (9978648)	<1	1.40	21	26	0.56	891	18.0	2.81	6.8	579	<20	<50	0.10	<1	
Z38254 (9978649)	<1	1.18	20	27	0.53	751	15.2	3.02	6.4	570	<20	<50	0.03	<1	
Z38255 (9978650)	<1	1.17	19	28	0.76	697	14.2	3.16	18.6	980	<20	<50	0.08	<1	
Z38256 (9978651)	<1	1.64	34	113	7.41	1200	3.0	2.60	437	2370	<20	<50	0.05	<1	
Z38257 (9978652)	<1	1.18	20	18	0.54	1090	15.1	3.07	7.9	646	<20	<50	0.03	<1	
Z38258 (9978653)	<1	1.18	21	18	0.53	987	4.9	3.09	6.1	624	<20	<50	0.02	<1	
Z38259 (9978654)	<1	1.65	20	23	0.67	752	7.0	2.94	9.2	1030	<20	<50	0.01	<1	
Z38260 (9978655)	<1	0.85	13	13	0.42	382	3.5	1.90	3.8	413	<20	<50	<0.01	<1	
Z38261 (9978656)	<1	1.12	19	36	1.63	528	8.1	2.64	77.5	700	<20	<50	0.03	<1	
Z38262 (9978657)	<1	1.53	23	38	0.65	645	4.5	3.27	5.8	626	<20	<50	0.02	<1	
Z38263 (9978658)	<1	1.28	19	26	0.61	587	6.8	2.83	5.9	553	<20	<50	0.02	<1	
Z38264 (9978659)	<1	1.15	19	31	0.59	556	5.7	2.79	6.7	534	<20	<50	0.02	<1	

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## Certificate of Analysis

AGAT WORK ORDER: 19T448027

PROJECT: AGAT00576

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 18, 2019	DATE RECEIVED: Mar 19, 2019					DATE REPORTED: Apr 04, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:														
Z38265 (9978660)	<1	1.19	20	34	0.65	570	8.6	2.89	6.3	573	<20	<50	0.02	<1	
Z38266 (9978661)	<1	0.20	3	11	4.20	1380	<0.5	2.23	83.3	399	<20	<50	0.14	<1	
Z38267 (9978662)	<1	1.20	20	28	0.61	531	5.4	2.91	6.3	548	<20	<50	<0.01	<1	
Z38268 (9978663)	<1	1.43	25	27	0.63	523	8.3	3.15	8.5	964	<20	<50	0.01	<1	
Z38269 (9978664)	<1	2.23	27	51	3.86	794	2.3	2.00	162	1350	<20	<50	0.09	<1	
Z38270 (9978665)	<1	1.25	21	33	0.77	435	8.9	3.03	7.7	565	<20	<50	<0.01	<1	
Z38271 (9978666)	<1	1.20	20	33	1.35	688	7.0	2.48	40.0	756	<20	<50	0.01	<1	
Z38272 (9978667)	1	0.01	2	<1	1.95	44	1.2	0.03	0.7	77	<20	<50	<0.01	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 18, 2019	DATE RECEIVED: Mar 19, 2019					DATE REPORTED: Apr 04, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Z38201 (9978596)	12	<10	<5	185	<10	<10	<5	0.28	<5	<50	36.2	<1	27	148	
Z38202 (9978597)	10	<10	<5	187	<10	<10	<5	0.26	<5	<50	26.4	<1	26	80.7	
Z38203 (9978598)	12	<10	<5	199	<10	<10	<5	0.27	<5	<50	30.2	<1	27	80.2	
Z38204 (9978599)	9	<10	<5	190	<10	<10	<5	0.26	<5	<50	22.4	<1	27	93.2	
Z38205 (9978600)	9	<10	5	168	<10	<10	<5	0.26	<5	<50	24.0	<1	27	112	
Z38206 (9978601)	33	<10	<5	247	<10	21	<5	0.87	<5	<50	234	<1	21	92.4	
Z38207 (9978602)	10	<10	7	176	<10	<10	<5	0.29	<5	<50	23.9	<1	34	99.5	
Z38208 (9978603)	11	<10	<5	179	<10	<10	<5	0.30	<5	<50	40.3	<1	26	85.6	
Z38209 (9978604)	10	<10	<5	189	<10	<10	<5	0.26	<5	<50	24.0	<1	26	70.1	
Z38210 (9978605)	9	<10	<5	193	<10	<10	<5	0.27	<5	<50	22.6	<1	27	80.5	
Z38211 (9978606)	9	<10	<5	208	<10	<10	<5	0.26	<5	<50	23.1	<1	28	120	
Z38212 (9978607)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	2.8	
Z38213 (9978608)	9	<10	<5	180	<10	<10	<5	0.26	<5	<50	21.2	<1	26	91.7	
Z38214 (9978609)	1	<10	<5	128	<10	<10	11	0.04	<5	<50	3.2	<1	3	28.0	
Z38215 (9978610)	11	<10	6	155	<10	<10	<5	0.30	<5	<50	26.0	<1	31	112	
Z38216 (9978611)	10	<10	5	159	<10	<10	<5	0.25	<5	<50	23.7	<1	29	80.1	
Z38217 (9978612)	4	<10	<5	115	<10	<10	19	0.04	<5	<50	3.5	<1	29	26.3	
Z38218 (9978613)	4	<10	<5	113	<10	<10	22	0.04	<5	<50	3.6	<1	28	27.8	
Z38219 (9978614)	9	<10	5	181	<10	<10	<5	0.27	<5	<50	23.7	<1	28	140	
Z38220 (9978615)	9	<10	<5	149	<10	<10	<5	0.25	<5	<50	22.6	<1	22	90.5	
Z38221 (9978616)	8	<10	7	149	<10	<10	<5	0.23	<5	<50	20.5	<1	23	96.0	
Z38222 (9978617)	9	<10	6	166	<10	<10	<5	0.27	<5	<50	22.7	<1	27	83.0	
Z38223 (9978618)	9	<10	<5	164	<10	<10	<5	0.25	<5	<50	22.3	<1	24	84.2	
Z38224 (9978619)	8	<10	<5	176	<10	<10	<5	0.25	<5	<50	22.7	<1	22	75.8	
Z38225 (9978620)	9	<10	<5	151	<10	<10	<5	0.22	<5	<50	23.0	<1	21	61.0	
Z38226 (9978621)	44	<10	<5	111	<10	<10	<5	0.70	<5	<50	307	<1	22	79.5	
Z38227 (9978622)	8	<10	<5	168	<10	<10	<5	0.23	<5	<50	20.0	<1	21	60.2	
Z38228 (9978623)	9	<10	<5	143	<10	<10	<5	0.23	<5	<50	22.4	<1	23	54.7	
Z38229 (9978624)	10	<10	<5	171	<10	<10	<5	0.26	<5	<50	26.7	<1	21	53.3	
Z38230 (9978625)	10	<10	<5	170	<10	<10	<5	0.27	<5	<50	23.5	<1	27	60.9	
Z38231 (9978626)	9	<10	<5	170	<10	<10	<5	0.27	<5	<50	21.6	<1	27	68.3	
Z38232 (9978627)	<1	<10	<5	72	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	4.1	

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## Certificate of Analysis

AGAT WORK ORDER: 19T448027

PROJECT: AGAT00576

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 18, 2019	DATE RECEIVED: Mar 19, 2019					DATE REPORTED: Apr 04, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Z38233 (9978628)	9	<10	6	152	<10	<10	<5	0.25	<5	<50	20.6	<1	28	74.2	
Z38234 (9978629)	9	<10	<5	134	<10	<10	<5	0.19	<5	<50	19.7	<1	26	63.2	
Z38235 (9978630)	9	<10	<5	154	<10	<10	<5	0.21	<5	<50	20.7	<1	25	67.3	
Z38236 (9978631)	7	<10	<5	164	<10	<10	<5	0.21	<5	<50	19.0	<1	21	70.6	
Z38237 (9978632)	8	<10	<5	139	<10	<10	<5	0.23	<5	<50	21.2	<1	23	67.3	
Z38238 (9978633)	9	<10	<5	153	<10	<10	<5	0.26	5	<50	23.6	<1	25	74.0	
Z38239 (9978634)	9	<10	<5	150	<10	<10	<5	0.26	<5	<50	22.9	<1	24	80.4	
Z38240 (9978635)	5	<10	<5	148	<10	<10	<5	0.12	<5	<50	11.2	<1	23	45.6	
Z38241 (9978636)	7	<10	<5	146	<10	<10	<5	0.23	<5	<50	21.8	<1	15	95.8	
Z38242 (9978637)	9	<10	<5	146	<10	<10	<5	0.26	<5	<50	22.3	<1	30	90.9	
Z38243 (9978638)	8	<10	<5	161	<10	<10	<5	0.23	<5	<50	21.4	<1	24	90.6	
Z38244 (9978639)	10	<10	<5	176	<10	<10	<5	0.22	<5	<50	21.9	<1	26	94.3	
Z38245 (9978640)	7	<10	<5	154	<10	<10	<5	0.17	<5	<50	18.3	<1	17	79.9	
Z38246 (9978641)	33	<10	<5	256	<10	22	<5	0.89	<5	<50	232	<1	21	93.3	
Z38247 (9978642)	7	<10	<5	141	<10	<10	<5	0.20	<5	<50	15.9	<1	24	88.5	
Z38248 (9978643)	9	<10	<5	170	<10	<10	<5	0.25	<5	<50	23.4	<1	26	125	
Z38249 (9978644)	9	<10	<5	161	<10	<10	<5	0.26	<5	<50	22.0	<1	26	152	
Z38250 (9978645)	9	<10	<5	154	<10	<10	<5	0.25	<5	<50	23.0	<1	25	165	
Z38251 (9978646)	9	<10	<5	154	<10	<10	<5	0.25	<5	<50	24.7	<1	26	169	
Z38252 (9978647)	<1	<10	<5	72	<10	<10	<5	<0.01	5	<50	1.0	<1	2	3.9	
Z38253 (9978648)	10	<10	<5	155	<10	<10	<5	0.27	<5	<50	24.8	<1	29	136	
Z38254 (9978649)	9	<10	<5	146	<10	<10	<5	0.26	<5	<50	22.7	<1	25	84.9	
Z38255 (9978650)	9	<10	<5	218	<10	<10	<5	0.27	<5	<50	26.0	<1	27	92.6	
Z38256 (9978651)	17	<10	<5	777	<10	<10	<5	0.48	<5	<50	164	2	32	82.7	
Z38257 (9978652)	9	<10	<5	150	<10	<10	<5	0.23	<5	<50	24.4	<1	24	74.3	
Z38258 (9978653)	9	<10	<5	150	<10	<10	<5	0.23	<5	<50	24.1	<1	23	66.7	
Z38259 (9978654)	9	<10	<5	165	<10	<10	<5	0.21	<5	<50	24.7	<1	22	62.9	
Z38260 (9978655)	8	<10	<5	109	<10	<10	<5	0.18	<5	<50	14.9	<1	19	67.5	
Z38261 (9978656)	11	<10	<5	191	<10	<10	<5	0.29	<5	<50	31.8	1	24	76.5	
Z38262 (9978657)	10	<10	<5	193	<10	<10	<5	0.31	<5	<50	25.4	<1	27	102	
Z38263 (9978658)	10	<10	<5	176	<10	<10	<5	0.26	<5	<50	23.0	1	27	91.1	
Z38264 (9978659)	9	<10	<5	174	<10	<10	<5	0.26	<5	<50	23.8	<1	25	71.8	

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AGAT WORK ORDER: 19T448027

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 18, 2019	DATE RECEIVED: Mar 19, 2019					DATE REPORTED: Apr 04, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Z38265 (9978660)	10	<10	<5	179	<10	<10	<5	0.27	<5	<50	26.4	<1	28	75.0	
Z38266 (9978661)	43	<10	<5	115	<10	<10	<5	0.68	<5	<50	295	<1	21	79.5	
Z38267 (9978662)	10	<10	<5	181	<10	<10	<5	0.27	<5	<50	23.7	<1	28	79.7	
Z38268 (9978663)	11	<10	<5	212	<10	<10	<5	0.27	<5	<50	38.9	<1	25	68.4	
Z38269 (9978664)	21	<10	<5	269	<10	20	<5	0.94	<5	<50	142	<1	19	66.6	
Z38270 (9978665)	8	<10	<5	192	<10	<10	<5	0.26	<5	<50	27.3	<1	20	74.8	
Z38271 (9978666)	12	<10	<5	205	<10	<10	<5	0.41	<5	<50	48.3	1	31	80.1	
Z38272 (9978667)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	2.4	

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T448027

PROJECT: AGAT00576

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 18, 2019

DATE RECEIVED: Mar 19, 2019

DATE REPORTED: Apr 04, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
Z38201 (9978596)				174
Z38202 (9978597)				186
Z38203 (9978598)				172
Z38204 (9978599)				186
Z38205 (9978600)				170
Z38206 (9978601)				90
Z38207 (9978602)				201
Z38208 (9978603)				170
Z38209 (9978604)				188
Z38210 (9978605)				195
Z38211 (9978606)				174
Z38212 (9978607)				<5
Z38213 (9978608)				182
Z38214 (9978609)				39
Z38215 (9978610)				179
Z38216 (9978611)				166
Z38217 (9978612)				55
Z38218 (9978613)				69
Z38219 (9978614)				177
Z38220 (9978615)				173
Z38221 (9978616)				166
Z38222 (9978617)				170
Z38223 (9978618)				181
Z38224 (9978619)				178
Z38225 (9978620)				159
Z38226 (9978621)				55
Z38227 (9978622)				143
Z38228 (9978623)				164
Z38229 (9978624)				118
Z38230 (9978625)				135
Z38231 (9978626)				163
Z38232 (9978627)				<5

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CLIENT NAME: GOLDCORP BORDEN LIMITED

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 18, 2019      DATE RECEIVED: Mar 19, 2019      DATE REPORTED: Apr 04, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
Z38233 (9978628)				188
Z38234 (9978629)				137
Z38235 (9978630)				160
Z38236 (9978631)				191
Z38237 (9978632)				161
Z38238 (9978633)				172
Z38239 (9978634)				180
Z38240 (9978635)				115
Z38241 (9978636)				135
Z38242 (9978637)				187
Z38243 (9978638)				170
Z38244 (9978639)				169
Z38245 (9978640)				139
Z38246 (9978641)				90
Z38247 (9978642)				143
Z38248 (9978643)				183
Z38249 (9978644)				180
Z38250 (9978645)				186
Z38251 (9978646)				168
Z38252 (9978647)				<5
Z38253 (9978648)				192
Z38254 (9978649)				193
Z38255 (9978650)				202
Z38256 (9978651)				106
Z38257 (9978652)				178
Z38258 (9978653)				178
Z38259 (9978654)				156
Z38260 (9978655)				124
Z38261 (9978656)				163
Z38262 (9978657)				205
Z38263 (9978658)				163
Z38264 (9978659)				169

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PROJECT: AGAT00576

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 18, 2019      DATE RECEIVED: Mar 19, 2019      DATE REPORTED: Apr 04, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
Z38265 (9978660)				183
Z38266 (9978661)				53
Z38267 (9978662)				190
Z38268 (9978663)				175
Z38269 (9978664)				219
Z38270 (9978665)				194
Z38271 (9978666)				177
Z38272 (9978667)				<5

Comments: RDL - Reported Detection Limit  
9978596-9978667 As, Sb values may be low due to digestion losses.

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 18, 2019      DATE RECEIVED: Mar 19, 2019      DATE REPORTED: Apr 04, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
Z38201 (9978596)		0.002	
Z38202 (9978597)		<0.001	
Z38203 (9978598)		<0.001	
Z38204 (9978599)		0.004	
Z38205 (9978600)		<0.001	
Z38206 (9978601)		0.331	
Z38207 (9978602)		<0.001	
Z38208 (9978603)		<0.001	
Z38209 (9978604)		<0.001	
Z38210 (9978605)		0.001	
Z38211 (9978606)		0.002	
Z38212 (9978607)		<0.001	
Z38213 (9978608)		0.004	
Z38214 (9978609)		<0.001	
Z38215 (9978610)		<0.001	
Z38216 (9978611)		<0.001	
Z38217 (9978612)		<0.001	
Z38218 (9978613)		0.002	
Z38219 (9978614)		0.003	
Z38220 (9978615)		0.002	
Z38221 (9978616)		0.033	
Z38222 (9978617)		0.002	
Z38223 (9978618)		0.001	
Z38224 (9978619)		0.002	
Z38225 (9978620)		<0.001	
Z38226 (9978621)		0.501	
Z38227 (9978622)		0.003	
Z38228 (9978623)		0.002	
Z38229 (9978624)		0.004	
Z38230 (9978625)		0.001	
Z38231 (9978626)		<0.001	
Z38232 (9978627)		<0.001	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 18, 2019      DATE RECEIVED: Mar 19, 2019      DATE REPORTED: Apr 04, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
Z38233 (9978628)		<0.001	
Z38234 (9978629)		0.004	
Z38235 (9978630)		0.001	
Z38236 (9978631)		0.003	
Z38237 (9978632)		0.002	
Z38238 (9978633)		<0.001	
Z38239 (9978634)		<0.001	
Z38240 (9978635)		0.001	
Z38241 (9978636)		0.003	
Z38242 (9978637)		0.002	
Z38243 (9978638)		<0.001	
Z38244 (9978639)		<0.001	
Z38245 (9978640)		0.001	
Z38246 (9978641)		0.347	
Z38247 (9978642)		0.009	
Z38248 (9978643)		0.001	
Z38249 (9978644)		<0.001	
Z38250 (9978645)		0.002	
Z38251 (9978646)		<0.001	
Z38252 (9978647)		<0.001	
Z38253 (9978648)		0.003	
Z38254 (9978649)		<0.001	
Z38255 (9978650)		<0.001	
Z38256 (9978651)		<0.001	
Z38257 (9978652)		<0.001	
Z38258 (9978653)		<0.001	
Z38259 (9978654)		<0.001	
Z38260 (9978655)		<0.001	
Z38261 (9978656)		<0.001	
Z38262 (9978657)		<0.001	
Z38263 (9978658)		<0.001	
Z38264 (9978659)		<0.001	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 18, 2019	DATE RECEIVED: Mar 19, 2019	DATE REPORTED: Apr 04, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
Z38265 (9978660)			<0.001
Z38266 (9978661)			0.533
Z38267 (9978662)			<0.001
Z38268 (9978663)			<0.001
Z38269 (9978664)			0.001
Z38270 (9978665)			<0.001
Z38271 (9978666)			<0.001
Z38272 (9978667)			<0.001

Comments: RDL - Reported Detection Limit

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## Certificate of Analysis

AGAT WORK ORDER: 19T448027

PROJECT: AGAT00576

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 18, 2019	DATE RECEIVED: Mar 19, 2019	DATE REPORTED: Apr 04, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
Z38201 (9978596)		89
Z38220 (9978615)		85
Z38240 (9978635)		88
Z38260 (9978655)		86

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	9978596	< 0.5	< 0.5	0.0%	9978610	< 0.5	< 0.5	0.0%	9978622	< 0.5	< 0.5	0.0%	9978635	< 0.5	< 0.5	0.0%
Al	9978596	7.45	7.36	1.2%	9978610	7.29	7.41	1.6%	9978622	7.21	7.45	3.3%	9978635	7.34	7.64	4.0%
As	9978596	< 1	2		9978610	< 1	< 1	0.0%	9978622	< 1	< 1	0.0%	9978635	< 1	2	
Ba	9978596	317	314	1.0%	9978610	242	246	1.6%	9978622	405	423	4.3%	9978635	214	223	4.1%
Be	9978596	0.7	0.6	15.4%	9978610	< 0.5	< 0.5	0.0%	9978622	< 0.5	0.6		9978635	1.0	0.94	7.2%
Bi	9978596	< 1	< 1	0.0%	9978610	< 1	2		9978622	2	< 1		9978635	< 1	< 1	0.0%
Ca	9978596	2.80	2.76	1.4%	9978610	2.47	2.53	2.4%	9978622	2.57	2.68	4.2%	9978635	2.38	2.49	4.5%
Cd	9978596	< 0.5	< 0.5	0.0%	9978610	< 0.5	< 0.5	0.0%	9978622	< 0.5	< 0.5	0.0%	9978635	< 0.5	< 0.5	0.0%
Ce	9978596	45	45	0.0%	9978610	46	46	0.0%	9978622	45	44	2.2%	9978635	30	29	3.4%
Co	9978596	6.44	6.90	6.9%	9978610	6.4	6.9	7.5%	9978622	5.0	5.6	11.3%	9978635	2.8	2.41	13.9%
Cr	9978596	116	101	13.8%	9978610	104	105	1.0%	9978622	102	88.1	14.6%	9978635	76.7	83.3	8.3%
Cu	9978596	13.7	13.6	0.7%	9978610	39.6	39.3	0.8%	9978622	3.3	2.9	12.9%	9978635	7.8	7.87	0.8%
Fe	9978596	3.70	3.63	1.9%	9978610	4.18	4.25	1.7%	9978622	3.35	3.40	1.5%	9978635	1.83	1.91	4.3%
Ga	9978596	13.0	13.0	0.0%	9978610	14.0	15.0	6.9%	9978622	12.0	14.0	15.4%	9978635	12.0	10.0	18.2%
In	9978596	< 1	< 1	0.0%	9978610	< 1	< 1	0.0%	9978622	< 1	< 1	0.0%	9978635	< 1	< 1	0.0%
K	9978596	1.10	1.10	0.0%	9978610	1.53	1.56	1.9%	9978622	1.13	1.16	2.6%	9978635	0.93	0.96	3.2%
La	9978596	18	18	0.0%	9978610	18	19	5.4%	9978622	19	18	5.4%	9978635	12	11	8.7%
Li	9978596	40	41	2.5%	9978610	47	48	2.1%	9978622	25	26	3.9%	9978635	17	18	5.7%
Mg	9978596	0.845	0.826	2.3%	9978610	0.95	0.96	1.0%	9978622	0.63	0.63	0.0%	9978635	0.32	0.329	1.5%
Mn	9978596	705	686	2.7%	9978610	944	951	0.7%	9978622	611	641	4.8%	9978635	553	575	3.9%
Mo	9978596	5.1	6.5	24.1%	9978610	10.7	10.9	1.9%	9978622	5.2	6.0	14.3%	9978635	8.6	7.92	8.1%
Na	9978596	2.24	2.22	0.9%	9978610	2.31	2.31	0.0%	9978622	2.50	2.61	4.3%	9978635	3.04	3.19	4.8%
Ni	9978596	10.7	10.1	5.8%	9978610	6.50	6.14	5.7%	9978622	6.5	5.9	9.7%	9978635	3.5	3.2	9.0%
P	9978596	577	565	2.1%	9978610	661	646	2.3%	9978622	509	514	1.0%	9978635	241	223	7.8%
Pb	9978596	< 20	< 20	0.0%	9978610	< 20	< 20	0.0%	9978622	< 20	< 20	0.0%	9978635	< 20	< 20	0.0%
Rb	9978596	< 50	< 50	0.0%	9978610	< 50	< 50	0.0%	9978622	< 50	< 50	0.0%	9978635	< 50	< 50	0.0%
S	9978596	0.094	0.096	2.1%	9978610	0.15	0.15	0.0%	9978622	0.01	0.01	0.0%	9978635	0.03	0.03	0.0%
Sb	9978596	< 1	< 1	0.0%	9978610	< 1	1		9978622	< 1	1		9978635	< 1	2	
Sc	9978596	12	11	8.7%	9978610	11	11	0.0%	9978622	8	9	11.8%	9978635	5	5	0.0%
Se	9978596	< 10	< 10	0.0%	9978610	< 10	< 10	0.0%	9978622	< 10	< 10	0.0%	9978635	< 10	< 10	0.0%
Sn	9978596	< 5	< 5	0.0%	9978610	6	< 5		9978622	< 5	< 5	0.0%	9978635	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

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Sr	9978596	185	184	0.5%	9978610	155	158	1.9%	9978622	168	174	3.5%	9978635	148	154	4.0%
Ta	9978596	< 10	< 10	0.0%	9978610	< 10	< 10	0.0%	9978622	< 10	< 10	0.0%	9978635	< 10	< 10	0.0%
Te	9978596	< 10	< 10	0.0%	9978610	< 10	< 10	0.0%	9978622	< 10	< 10	0.0%	9978635	< 10	< 10	0.0%
Th	9978596	< 5	< 5	0.0%	9978610	< 5	< 5	0.0%	9978622	< 5	< 5	0.0%	9978635	< 5	< 5	0.0%
Ti	9978596	0.28	0.28	0.0%	9978610	0.305	0.309	1.3%	9978622	0.235	0.238	1.3%	9978635	0.12	0.127	4.0%
Tl	9978596	< 5	< 5	0.0%	9978610	< 5	< 5	0.0%	9978622	< 5	< 5	0.0%	9978635	< 5	6	
U	9978596	< 50	< 50	0.0%	9978610	< 50	< 50	0.0%	9978622	< 50	< 50	0.0%	9978635	< 50	< 50	0.0%
V	9978596	36.2	36.2	0.0%	9978610	26.0	26.3	1.1%	9978622	20.0	21.5	7.2%	9978635	11.2	10.7	4.6%
W	9978596	< 1	< 1	0.0%	9978610	< 1	< 1	0.0%	9978622	< 1	< 1	0.0%	9978635	< 1	< 1	0.0%
Y	9978596	27	27	0.0%	9978610	31	31	0.0%	9978622	21	24	13.3%	9978635	23	23	0.0%
Zn	9978596	148	147	0.7%	9978610	112	114	1.8%	9978622	60.2	61.7	2.5%	9978635	45.6	48.1	5.3%
Zr	9978596	174	167	4.1%	9978610	179	184	2.8%	9978622	143	148	3.4%	9978635	115	105	9.1%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	9978646	< 0.5	< 0.5	0.0%	9978660	< 0.5	< 0.5	0.0%								
Al	9978646	7.23	7.43	2.7%	9978660	7.44	7.45	0.1%								
As	9978646	< 1	< 1	0.0%	9978660	< 1	< 1	0.0%								
Ba	9978646	339	356	4.9%	9978660	366	369	0.8%								
Be	9978646	0.7	0.8	13.3%	9978660	0.6	0.6	0.0%								
Bi	9978646	< 1	< 1	0.0%	9978660	< 1	1									
Ca	9978646	2.48	2.50	0.8%	9978660	2.63	2.66	1.1%								
Cd	9978646	< 0.5	< 0.5	0.0%	9978660	< 0.5	< 0.5	0.0%								
Ce	9978646	48	47	2.1%	9978660	50	50	0.0%								
Co	9978646	6.2	5.5	12.0%	9978660	6.45	6.35	1.6%								
Cr	9978646	176	176	0.0%	9978660	81.9	88.8	8.1%								
Cu	9978646	27.9	24.4	13.4%	9978660	9.61	9.70	0.9%								
Fe	9978646	3.50	3.41	2.6%	9978660	3.48	3.53	1.4%								
Ga	9978646	12.0	13.0	8.0%	9978660	14.0	13.0	7.4%								
In	9978646	< 1	< 1	0.0%	9978660	< 1	< 1	0.0%								
K	9978646	1.26	1.30	3.1%	9978660	1.19	1.21	1.7%								
La	9978646	20	19	5.1%	9978660	20	20	0.0%								
Li	9978646	31	33	6.3%	9978660	34	34	0.0%								
Mg	9978646	0.58	0.58	0.0%	9978660	0.645	0.642	0.5%								
Mn	9978646	757	752	0.7%	9978660	570	579	1.6%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

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Mo	9978646	15.1	16.8	10.7%	9978660	8.6	8.8	2.3%								
Na	9978646	2.68	2.84	5.8%	9978660	2.89	2.83	2.1%								
Ni	9978646	6.92	6.72	2.9%	9978660	6.29	7.25	14.2%								
P	9978646	570	538	5.8%	9978660	573	571	0.3%								
Pb	9978646	< 20	< 20	0.0%	9978660	< 20	< 20	0.0%								
Rb	9978646	< 50	< 50	0.0%	9978660	< 50	< 50	0.0%								
S	9978646	0.10	0.09	10.5%	9978660	0.02	0.02	0.0%								
Sb	9978646	< 1	< 1	0.0%	9978660	< 1	< 1	0.0%								
Sc	9978646	9	9	0.0%	9978660	10	10	0.0%								
Se	9978646	< 10	< 10	0.0%	9978660	< 10	< 10	0.0%								
Sn	9978646	< 5	< 5	0.0%	9978660	< 5	< 5	0.0%								
Sr	9978646	154	159	3.2%	9978660	179	180	0.6%								
Ta	9978646	< 10	< 10	0.0%	9978660	< 10	< 10	0.0%								
Te	9978646	< 10	< 10	0.0%	9978660	< 10	< 10	0.0%								
Th	9978646	< 5	< 5	0.0%	9978660	< 5	< 5	0.0%								
Ti	9978646	0.252	0.258	2.4%	9978660	0.273	0.277	1.5%								
Tl	9978646	< 5	< 5	0.0%	9978660	< 5	6									
U	9978646	< 50	< 50	0.0%	9978660	< 50	< 50	0.0%								
V	9978646	24.7	22.9	7.6%	9978660	26.4	26.8	1.5%								
W	9978646	< 1	< 1	0.0%	9978660	< 1	< 1	0.0%								
Y	9978646	26	26	0.0%	9978660	28	28	0.0%								
Zn	9978646	169	165	2.4%	9978660	75.0	73.6	1.9%								
Zr	9978646	168	187	10.7%	9978660	183	176	3.9%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	9978596	0.002	0.007		9978610	< 0.001	< 0.001	0.0%	9978622	0.003	< 0.001		9978635	0.001	< 0.001	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	9978646	< 0.001	< 0.001	0.0%	9978660	< 0.001	< 0.001	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.56	96%	90% - 110%	8.17	8.18	100%	90% - 110%	6.96	6.61	95%	90% - 110%				
As					26	24	92%	90% - 110%	124	128	103%	90% - 110%				
Ba	340	332	98%	90% - 110%	540	519	96%	90% - 110%	186	181	97%	90% - 110%				
Be	2.6	2.6	100%	90% - 110%	4.0	3.5	87%	90% - 110%								
Ca	5.72	5.52	96%	90% - 110%	0.907	0.899	99%	90% - 110%	4.01	3.77	94%	90% - 110%				
Ce	122	121	99%	90% - 110%	98	101	103%	90% - 110%	24	22	92%	90% - 110%				
Co									22.1	20.8	94%	90% - 110%				
Cr					60.3	58	96%	90% - 110%								
Cu					150	152	101%	90% - 110%	88.6	82.5	93%	90% - 110%				
Fe	4.34	4.1	94%	90% - 110%	3.77	3.75	100%	90% - 110%	7.56	7.16	95%	90% - 110%				
Ga	35	34	96%	90% - 110%									35	32.8	94%	90% - 110%
K	1.37	1.39	101%	90% - 110%					2.021	1.966	97%	90% - 110%				
La	58	55	94%	90% - 110%	44	42	96%	90% - 110%								
Li	37	37	100%	90% - 110%	47	46	98%	90% - 110%								
Mg	0.325	0.294	90%	90% - 110%	1.10	1.08	98%	90% - 110%	2.412	2.318	96%	90% - 110%				
Mn					780	767	98%	90% - 110%	1510	1431	95%	90% - 110%				
Mo					14	13	93%	90% - 110%								
Na	5.267	5.169	98%	90% - 110%	1.624	1.65	102%	90% - 110%	0.617	0.583	95%	90% - 110%				
Ni					32	32	99%	90% - 110%	77.1	72.8	94%	90% - 110%				
P					750	771	103%	90% - 110%	892	924	104%	90% - 110%				
Pb					31	30	97%	90% - 110%								
S									0.348	0.324	93%	90% - 110%				
Sb					0.8	1	123%	90% - 110%								
Sc					12	12	99%	90% - 110%								
Sr	1191	1174	99%	90% - 110%	144	153	106%	90% - 110%	92.8	86.7	93%	90% - 110%				
Ti	0.172	0.171	99%	90% - 110%	0.53	0.493	93%	90% - 110%								
V					77	77	99%	90% - 110%								
Y	119	117	98%	90% - 110%												
Zn	93	92	99%	90% - 110%	130	126	97%	90% - 110%	208	216	104%	90% - 110%				
	CRM #5 (ref.SY-4)															
Parameter	Expect	Actual	Recovery	Limits												



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Al	10.95	10.82	99%	90% - 110%													
Ba	340	335	98%	90% - 110%													
Be	2.6	2.5	96%	90% - 110%													
Ca	5.72	5.62	98%	90% - 110%													
Ce	122	119	98%	90% - 110%													
Fe	4.34	4.17	96%	90% - 110%													
Ga	35	34	98%	90% - 110%													
K	1.37	1.42	104%	90% - 110%													
La	58	56	96%	90% - 110%													
Li	37	38	103%	90% - 110%													
Mg	0.325	0.299	92%	90% - 110%													
Na	5.267	5.292	100%	90% - 110%													
Sr	1191	1219	102%	90% - 110%													
Ta	0.9	0.9	105%	90% - 110%													
Ti	0.172	0.175	102%	90% - 110%													
Y	119	116	97%	90% - 110%													
Zn	93	93	101%	90% - 110%													

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS5W)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.66	97%	90% - 110%	0.725	0.748	103%	90% - 110%	5.27	5.26	100%	90% - 110%	0.562	0.585	104%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00576  
 SAMPLING SITE:

AGAT WORK ORDER: 19T448027  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE



CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00578

AGAT WORK ORDER: 19T448458

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Apr 08, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T448458

PROJECT: AGAT00578

5623 McADAM ROAD  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 19, 2019      DATE RECEIVED: Mar 20, 2019      DATE REPORTED: Apr 08, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
Z38273 (9980941)		2.33
Z38274 (9980942)		2.22
Z38275 (9980943)		2.56
Z38276 (9980944)		2.79
Z38277 (9980945)		2.36
Z38278 (9980946)		2.36
Z38279 (9980947)		2.29
Z38280 (9980948)		2.54
Z38281 (9980949)		2.31
Z38282 (9980950)		1.94
Z38283 (9980951)		2.44
Z38284 (9980952)		1.13
Z38285 (9980953)		1.77
Z38286 (9980954)		0.07
Z38287 (9980955)		1.37
Z38288 (9980956)		1.99
Z38289 (9980957)		0.67
Z38290 (9980958)		2.33
Z38291 (9980959)		1.75
Z38292 (9980960)		1.25
Z38293 (9980961)		1.51
Z38294 (9980962)		1.90
Z38295 (9980963)		0.67
Z38296 (9980964)		1.68
Z38297 (9980965)		2.50
Z38298 (9980966)		2.50
Z38299 (9980967)		1.91
Z38300 (9980968)		1.78
Z38301 (9980969)		1.85
Z38302 (9980970)		2.23
Z38303 (9980971)		2.46

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T448458

PROJECT: AGAT00578

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 19, 2019      DATE RECEIVED: Mar 20, 2019      DATE REPORTED: Apr 08, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
Z38304 (9980972)		2.09
Z38305 (9980973)		2.32
Z38306 (9980974)		0.07
Z38307 (9980975)		1.73
Z38308 (9980976)		0.92
Z38309 (9980977)		2.02
Z38310 (9980978)		2.08
Z38311 (9980979)		1.40
Z38312 (9980980)		1.55
Z38313 (9980981)		1.55
Z38314 (9980982)		0.80
Z38315 (9980983)		2.45
Z38316 (9980984)		2.04
Z38317 (9980985)		1.33
Z38318 (9980986)		1.32
Z38319 (9980987)		2.20
Z38320 (9980988)		2.59
Z38321 (9980989)		1.83
Z38322 (9980990)		2.34
Z38323 (9980991)		2.06
Z38324 (9980992)		2.34
Z38325 (9980993)		2.02
Z38326 (9980994)		0.07
Z38327 (9980995)		2.47
Z38328 (9980996)		2.16
Z38329 (9980997)		2.23
Z38330 (9980998)		2.29
Z38331 (9980999)		2.34
Z38332 (9981000)		1.36
Z38333 (9981001)		1.53
Z38334 (9981002)		1.45

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T448458

PROJECT: AGAT00578

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 19, 2019	DATE RECEIVED: Mar 20, 2019	DATE REPORTED: Apr 08, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
Z38335 (9981003)		1.77
Z38336 (9981004)		1.90
Z38337 (9981005)		0.78
Z38338 (9981006)		0.78
Z38339 (9981007)		1.13
Z38340 (9981008)		2.19
Z38341 (9981009)		1.89
Z38342 (9981010)		2.46
Z38343 (9981011)		1.92
Z38344 (9981012)		2.06

Comments: RDL - Reported Detection Limit

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T448458

PROJECT: AGAT00578

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 19, 2019	DATE RECEIVED: Mar 20, 2019							DATE REPORTED: Apr 08, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z38273 (9980941)	<0.5	7.70	<1	369	1.4	1	2.53	<0.5	48	5.5	86.6	2.2	3.40	14.0	
Z38274 (9980942)	<0.5	7.83	<1	362	1.3	3	2.67	<0.5	47	4.9	85.3	3.3	3.56	14.0	
Z38275 (9980943)	<0.5	7.30	2	389	2.0	3	3.04	<0.5	52	9.5	116	11.4	3.82	18.0	
Z38276 (9980944)	<0.5	7.47	<1	358	1.7	<1	2.64	<0.5	57	6.3	90.9	3.0	3.40	14.0	
Z38277 (9980945)	<0.5	7.46	<1	330	1.8	<1	2.58	<0.5	53	5.9	84.4	13.7	3.44	15.0	
Z38278 (9980946)	<0.5	7.44	<1	318	1.6	<1	2.53	<0.5	48	5.3	67.6	13.3	3.21	13.0	
Z38279 (9980947)	<0.5	7.41	<1	332	2.2	<1	3.03	<0.5	45	5.7	39.0	4.7	3.34	15.0	
Z38280 (9980948)	<0.5	7.87	<1	351	1.8	3	2.52	<0.5	48	5.4	48.1	12.1	3.51	14.0	
Z38281 (9980949)	<0.5	7.79	<1	335	1.5	2	2.38	<0.5	46	5.5	47.9	20.0	3.41	14.0	
Z38282 (9980950)	<0.5	7.78	5	313	1.5	1	2.47	<0.5	48	5.0	49.1	5.8	3.57	13.0	
Z38283 (9980951)	<0.5	7.61	<1	326	1.6	<1	2.33	<0.5	48	5.0	40.4	13.0	3.48	15.0	
Z38284 (9980952)	<0.5	7.69	<1	211	1.5	2	2.39	<0.5	28	2.4	42.5	17.0	1.89	11.0	
Z38285 (9980953)	<0.5	7.86	<1	325	1.8	1	2.44	<0.5	46	4.7	47.5	5.4	3.47	14.0	
Z38286 (9980954)	<0.5	7.68	<1	190	2.1	<1	6.51	<0.5	20	38.6	148	110	8.09	30.0	
Z38287 (9980955)	<0.5	8.15	<1	335	2.8	2	2.74	<0.5	48	6.1	59.2	20.5	3.66	15.0	
Z38288 (9980956)	<0.5	5.96	2	156	3.8	1	4.06	<0.5	58	6.6	63.3	5.6	3.76	16.0	
Z38289 (9980957)	<0.5	7.31	2	542	2.8	<1	1.67	<0.5	18	2.4	35.0	36.3	1.70	15.0	
Z38290 (9980958)	<0.5	7.26	<1	180	3.4	<1	3.14	<0.5	44	6.1	52.0	7.5	3.68	16.0	
Z38291 (9980959)	<0.5	7.31	<1	239	3.8	<1	2.89	<0.5	38	5.1	54.9	6.1	2.97	16.0	
Z38292 (9980960)	<0.5	0.07	<1	17	<0.5	<1	32.7	<0.5	<1	0.7	3.2	1.0	0.09	< 5	
Z38293 (9980961)	<0.5	6.84	<1	267	2.1	3	2.79	<0.5	40	5.9	56.2	14.6	3.23	12.0	
Z38294 (9980962)	<0.5	7.83	<1	256	2.5	1	2.32	<0.5	48	5.8	65.2	15.7	3.17	14.0	
Z38295 (9980963)	<0.5	6.08	<1	66	1.8	<1	1.54	<0.5	15	3.3	33.4	86.6	1.47	7.00	
Z38296 (9980964)	<0.5	7.08	1	159	1.6	<1	1.39	<0.5	16	1.9	30.1	8.4	1.29	8.00	
Z38297 (9980965)	<0.5	7.70	1	363	2.0	<1	2.35	<0.5	44	4.5	42.7	8.8	3.44	12.0	
Z38298 (9980966)	<0.5	7.96	1	369	1.9	1	2.39	<0.5	41	4.5	39.8	7.9	3.32	13.0	
Z38299 (9980967)	<0.5	7.24	2	305	2.5	<1	2.62	<0.5	71	6.7	50.3	19.0	3.50	15.0	
Z38300 (9980968)	<0.5	7.61	1	292	2.5	<1	1.72	<0.5	25	2.8	31.6	6.7	1.78	14.0	
Z38301 (9980969)	<0.5	6.81	2	302	2.6	<1	4.02	<0.5	163	6.5	43.2	5.6	3.67	12.0	
Z38302 (9980970)	<0.5	7.58	<1	203	2.6	3	2.01	<0.5	35	5.2	39.9	3.8	3.46	14.0	
Z38303 (9980971)	<0.5	7.39	<1	359	3.2	2	2.56	<0.5	47	5.1	47.4	5.9	3.45	14.0	
Z38304 (9980972)	<0.5	7.63	<1	334	2.3	<1	2.41	<0.5	40	4.6	35.3	8.7	3.29	13.0	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T448458

PROJECT: AGAT00578

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 19, 2019	DATE RECEIVED: Mar 20, 2019					DATE REPORTED: Apr 08, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z38305 (9980973)	<0.5	7.77	<1	333	2.0	3	2.40	<0.5	43	5.2	42.0	37.4	3.51	14.0	
Z38306 (9980974)	<0.5	7.25	<1	134	1.3	4	6.89	<0.5	8	40.7	141	155	8.14	30.0	
Z38307 (9980975)	<0.5	7.25	<1	234	2.4	2	2.12	<0.5	37	5.9	54.1	19.2	3.22	15.0	
Z38308 (9980976)	<0.5	7.95	<1	268	3.4	<1	2.02	<0.5	27	2.6	45.7	2.9	1.99	18.0	
Z38309 (9980977)	<0.5	7.91	<1	300	1.9	<1	2.51	<0.5	46	4.8	44.7	4.6	3.27	13.0	
Z38310 (9980978)	<0.5	7.36	1	307	1.4	<1	2.36	<0.5	44	5.1	60.0	6.6	3.31	14.0	
Z38311 (9980979)	<0.5	7.85	<1	368	1.7	2	2.74	<0.5	48	5.7	55.8	56.4	3.39	15.0	
Z38312 (9980980)	<0.5	0.07	<1	14	<0.5	<1	31.0	<0.5	<1	0.7	2.9	<0.5	0.11	< 5	
Z38313 (9980981)	<0.5	7.31	<1	262	2.5	2	2.16	<0.5	32	5.2	71.4	87.0	2.73	13.0	
Z38314 (9980982)	<0.5	3.39	<1	110	1.1	<1	1.01	<0.5	18	1.9	46.5	6.5	1.31	< 5	
Z38315 (9980983)	<0.5	7.55	<1	381	1.7	2	2.36	<0.5	46	5.1	50.9	22.6	3.38	15.0	
Z38316 (9980984)	<0.5	7.72	<1	440	1.5	2	2.45	<0.5	47	4.7	49.1	12.7	3.44	14.0	
Z38317 (9980985)	<0.5	7.58	<1	342	1.3	<1	2.40	<0.5	41	5.5	42.8	4.7	3.19	14.0	
Z38318 (9980986)	<0.5	7.91	2	356	1.3	2	2.52	<0.5	38	4.9	37.8	5.9	3.30	13.0	
Z38319 (9980987)	<0.5	7.57	<1	326	1.7	<1	2.75	<0.5	44	5.6	47.8	25.7	3.34	14.0	
Z38320 (9980988)	<0.5	7.30	<1	322	1.8	<1	2.43	<0.5	48	5.9	53.2	2.6	3.40	14.0	
Z38321 (9980989)	<0.5	7.39	2	348	1.6	<1	2.69	<0.5	47	7.4	59.9	17.2	3.52	14.0	
Z38322 (9980990)	<0.5	6.85	<1	396	2.8	1	2.94	<0.5	51	9.7	64.2	11.5	3.58	14.0	
Z38323 (9980991)	<0.5	7.41	<1	442	1.9	1	2.32	<0.5	43	4.0	42.1	7.7	3.23	10.0	
Z38324 (9980992)	<0.5	7.43	<1	308	1.7	<1	2.51	<0.5	53	6.7	49.2	130	3.28	12.0	
Z38325 (9980993)	<0.5	7.06	<1	277	1.9	<1	2.47	<0.5	47	6.1	52.9	90.0	3.26	13.0	
Z38326 (9980994)	<0.5	7.38	<1	187	2.3	<1	6.34	<0.5	19	38.3	149	110	7.77	29.0	
Z38327 (9980995)	<0.5	7.26	<1	307	1.7	<1	2.80	<0.5	48	7.4	74.0	6.5	3.59	15.0	
Z38328 (9980996)	<0.5	7.57	<1	342	1.4	1	2.53	<0.5	46	5.7	58.6	2.9	3.53	15.0	
Z38329 (9980997)	<0.5	7.38	1	325	1.6	1	2.55	<0.5	45	5.7	54.7	1.8	3.35	14.0	
Z38330 (9980998)	<0.5	7.43	<1	379	1.3	2	2.51	<0.5	46	5.3	54.0	4.2	3.45	13.0	
Z38331 (9980999)	<0.5	7.79	<1	345	2.9	4	2.41	<0.5	45	5.4	51.2	31.4	3.52	12.0	
Z38332 (9981000)	<0.5	0.08	<1	17	<0.5	<1	32.5	<0.5	<1	<0.5	2.1	<0.5	0.09	< 5	
Z38333 (9981001)	<0.5	7.19	<1	249	2.1	<1	2.13	<0.5	45	5.8	52.3	3.1	3.24	13.0	
Z38334 (9981002)	<0.5	7.39	<1	778	2.8	<1	1.68	<0.5	20	3.8	65.1	233	1.59	10.0	
Z38335 (9981003)	<0.5	7.37	1	305	2.2	<1	2.08	<0.5	43	5.1	63.5	3.5	3.11	13.0	
Z38336 (9981004)	<0.5	7.41	3	364	2.3	3	2.54	<0.5	42	5.0	83.4	5.9	3.10	13.0	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T448458

PROJECT: AGAT00578

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 19, 2019	DATE RECEIVED: Mar 20, 2019					DATE REPORTED: Apr 08, 2019					SAMPLE TYPE: Drill Core				
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
Z38337 (9981005)		<0.5	3.39	5	315	10.4	<1	6.97	<0.5	108	42.6	381	44.9	5.57	20.0
Z38338 (9981006)		<0.5	3.34	6	309	10.2	<1	7.19	<0.5	105	42.3	399	47.6	5.65	21.0
Z38339 (9981007)		<0.5	6.45	2	569	8.4	<1	3.43	<0.5	54	14.2	132	14.7	4.03	17.0
Z38340 (9981008)		<0.5	3.91	13	388	60.5	2	5.68	<0.5	101	40.0	308	43.7	5.56	24.0
Z38341 (9981009)		<0.5	7.19	4	797	3.3	<1	2.43	<0.5	52	5.0	87.3	5.7	3.70	16.0
Z38342 (9981010)		<0.5	7.69	<1	401	2.3	2	2.27	<0.5	45	4.3	56.9	12.2	3.26	14.0
Z38343 (9981011)		<0.5	7.43	<1	335	2.7	<1	2.38	<0.5	47	5.6	74.1	3.0	3.36	15.0
Z38344 (9981012)		<0.5	7.34	1	330	2.4	1	2.51	<0.5	44	6.0	67.0	12.3	3.35	14.0

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 19, 2019

DATE RECEIVED: Mar 20, 2019

DATE REPORTED: Apr 08, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
Z38273 (9980941)		<1	1.21	20	33	0.62	487	15.5	2.91	6.4	557	<20	<50	0.01	<1
Z38274 (9980942)		<1	1.26	20	34	0.71	570	16.5	2.94	6.5	537	<20	<50	<0.01	<1
Z38275 (9980943)		<1	1.47	22	34	1.39	620	13.3	2.81	38.6	718	<20	<50	0.03	<1
Z38276 (9980944)		<1	1.60	25	27	0.77	540	16.4	3.04	8.2	645	<20	<50	0.01	<1
Z38277 (9980945)		<1	1.22	23	25	0.67	541	13.0	3.01	7.5	610	<20	<50	0.02	<1
Z38278 (9980946)		<1	1.19	21	23	0.65	525	12.0	3.10	7.9	565	<20	<50	0.02	<1
Z38279 (9980947)		<1	1.16	19	24	0.63	513	6.8	3.03	6.1	553	<20	<50	0.02	<1
Z38280 (9980948)		<1	1.24	21	26	0.60	531	5.6	3.09	5.5	566	<20	<50	0.02	<1
Z38281 (9980949)		<1	1.25	19	28	0.56	528	8.5	3.05	6.1	544	<20	<50	0.03	<1
Z38282 (9980950)		<1	1.26	21	31	0.56	713	6.8	3.04	5.7	552	<20	<50	0.04	<1
Z38283 (9980951)		<1	1.23	20	33	0.57	797	7.3	2.98	5.6	561	<20	<50	0.02	<1
Z38284 (9980952)		<1	0.81	12	17	0.27	708	8.1	3.18	4.3	243	<20	<50	0.02	<1
Z38285 (9980953)		<1	1.22	20	38	0.56	581	8.7	3.03	5.4	555	<20	<50	0.01	<1
Z38286 (9980954)		<1	0.44	10	10	4.55	1380	<0.5	2.30	110	902	<20	<50	0.09	<1
Z38287 (9980955)		<1	1.12	20	26	0.53	665	10.9	3.19	6.8	547	<20	<50	0.03	<1
Z38288 (9980956)		<1	1.10	26	12	0.85	1350	9.3	2.20	7.8	793	<20	<50	<0.01	<1
Z38289 (9980957)		<1	2.42	7	13	0.24	1170	6.7	2.80	3.4	136	<20	<50	0.04	<1
Z38290 (9980958)		<1	0.82	19	19	0.62	945	7.8	2.83	6.3	566	<20	<50	0.01	<1
Z38291 (9980959)		<1	1.50	17	17	0.52	834	6.2	3.01	6.1	402	<20	<50	<0.01	2
Z38292 (9980960)		<1	0.02	3	<1	2.27	55	0.6	0.04	0.8	85	<20	<50	0.02	<1
Z38293 (9980961)		<1	0.97	18	18	0.54	639	8.1	2.67	7.0	489	<20	<50	0.02	<1
Z38294 (9980962)		<1	1.07	20	31	0.48	767	9.7	3.29	5.2	523	<20	<50	0.02	<1
Z38295 (9980963)		<1	0.70	7	16	0.21	821	8.5	3.03	3.7	302	<20	<50	0.11	<1
Z38296 (9980964)		<1	2.28	7	15	0.21	254	6.9	3.01	3.4	234	25	<50	0.01	<1
Z38297 (9980965)		<1	1.20	18	31	0.56	773	6.8	3.15	5.6	528	<20	<50	0.02	<1
Z38298 (9980966)		<1	1.25	18	32	0.57	730	4.5	3.25	5.9	531	<20	<50	0.02	<1
Z38299 (9980967)		<1	1.32	33	23	0.68	676	5.4	3.33	8.9	872	<20	<50	0.03	<1
Z38300 (9980968)		<1	3.32	11	10	0.32	702	6.6	3.13	6.5	296	20	<50	<0.01	<1
Z38301 (9980969)		<1	1.43	77	31	0.78	922	4.3	3.09	5.8	2910	<20	<50	0.01	<1
Z38302 (9980970)		<1	1.68	15	35	0.52	595	6.3	3.36	6.2	572	<20	<50	0.01	<1
Z38303 (9980971)		<1	1.04	21	34	0.59	733	5.9	2.81	5.6	567	<20	<50	0.02	<1
Z38304 (9980972)		<1	1.14	17	30	0.52	885	6.0	3.02	5.7	479	<20	<50	0.02	<1

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T448458

PROJECT: AGAT00578

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 19, 2019

DATE RECEIVED: Mar 20, 2019

DATE REPORTED: Apr 08, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
Z38305 (9980973)		<1	1.33	18	35	0.64	647	4.9	3.07	5.5	592	<20	<50	0.05	<1
Z38306 (9980974)		<1	0.20	4	12	4.44	1390	<0.5	2.25	89.6	405	<20	<50	0.16	<1
Z38307 (9980975)		<1	1.43	16	35	0.61	558	8.0	2.90	6.2	549	<20	<50	0.03	<1
Z38308 (9980976)		<1	1.27	11	27	0.40	671	6.4	3.46	3.9	324	<20	<50	<0.01	<1
Z38309 (9980977)		<1	1.23	20	34	0.63	570	7.4	3.00	5.6	540	<20	<50	0.01	<1
Z38310 (9980978)		<1	1.17	19	32	0.61	574	5.8	2.78	5.3	528	<20	<50	0.02	<1
Z38311 (9980979)		<1	1.32	20	34	0.71	525	7.7	2.90	6.5	549	<20	<50	0.12	1
Z38312 (9980980)		<1	0.03	3	1	2.96	54	1.2	0.04	0.9	92	<20	<50	0.03	<1
Z38313 (9980981)		<1	1.25	13	22	0.59	443	6.9	2.88	5.7	390	<20	<50	0.16	<1
Z38314 (9980982)		<1	0.87	8	9	0.28	191	12.3	1.47	4.8	146	<20	<50	0.02	<1
Z38315 (9980983)		<1	1.71	20	31	0.82	517	5.6	2.78	6.8	467	<20	<50	0.04	<1
Z38316 (9980984)		<1	1.46	20	31	0.75	529	7.4	3.03	6.2	538	<20	<50	0.02	<1
Z38317 (9980985)		<1	1.17	18	27	0.60	590	5.4	3.35	8.5	459	<20	<50	0.02	<1
Z38318 (9980986)		<1	1.23	17	28	0.62	618	5.9	3.46	7.8	456	<20	<50	0.01	<1
Z38319 (9980987)		<1	1.19	19	28	0.79	519	6.8	3.06	7.1	506	<20	<50	0.04	1
Z38320 (9980988)		<1	1.40	20	21	0.66	571	6.7	2.97	7.0	495	<20	<50	0.01	<1
Z38321 (9980989)		<1	1.26	21	23	0.80	642	5.4	3.10	20.5	542	<20	<50	0.02	1
Z38322 (9980990)		<1	1.71	23	55	1.33	714	5.6	3.27	49.3	668	<20	<50	0.02	<1
Z38323 (9980991)		<1	1.69	19	13	0.49	1140	4.3	3.02	5.9	448	<20	<50	<0.01	<1
Z38324 (9980992)		<1	1.17	23	18	0.56	891	5.5	3.32	6.9	538	<20	<50	0.14	<1
Z38325 (9980993)		<1	1.18	20	16	0.59	861	7.2	3.04	6.8	527	<20	<50	0.10	<1
Z38326 (9980994)		<1	0.43	9	10	4.32	1320	<0.5	2.25	104	868	<20	<50	0.09	<1
Z38327 (9980995)		<1	1.14	22	41	0.90	656	5.7	2.94	27.2	581	<20	<50	0.01	<1
Z38328 (9980996)		<1	1.13	20	28	0.61	559	7.7	2.92	6.3	544	<20	<50	<0.01	<1
Z38329 (9980997)		<1	1.02	20	25	0.56	585	5.3	2.95	5.5	538	<20	<50	<0.01	<1
Z38330 (9980998)		<1	1.05	20	27	0.57	722	8.0	2.88	5.4	531	<20	<50	0.01	<1
Z38331 (9980999)		<1	1.20	20	24	0.50	1060	4.5	3.12	5.5	471	<20	<50	0.04	<1
Z38332 (9981000)		<1	0.02	2	1	2.58	48	1.0	0.05	1.1	98	<20	<50	0.02	<1
Z38333 (9981001)		<1	1.26	20	24	0.56	680	7.4	3.00	6.2	505	<20	<50	0.01	1
Z38334 (9981002)		<1	2.28	8	11	0.19	857	7.6	2.87	3.9	158	<20	<50	0.15	<1
Z38335 (9981003)		<1	1.49	19	22	0.62	535	7.7	3.26	7.5	451	<20	<50	<0.01	<1
Z38336 (9981004)		<1	1.42	19	27	0.71	595	6.4	3.29	13.5	680	<20	<50	0.02	<1

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T448458

PROJECT: AGAT00578

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 19, 2019	DATE RECEIVED: Mar 20, 2019					DATE REPORTED: Apr 08, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
Z38337 (9981005)	<1	1.79	51	117	6.27	1160	2.9	2.87	357	770	<20	<50	0.08	<1	
Z38338 (9981006)	<1	1.83	50	115	6.37	1170	3.7	2.84	350	744	<20	<50	0.08	<1	
Z38339 (9981007)	<1	1.53	25	52	2.33	612	4.4	4.01	109	1540	<20	<50	0.06	<1	
Z38340 (9981008)	<1	1.64	47	124	5.99	1060	1.6	3.59	322	1270	<20	<50	0.10	<1	
Z38341 (9981009)	<1	1.35	23	40	1.01	571	5.3	3.35	16.4	587	<20	<50	0.02	<1	
Z38342 (9981010)	<1	1.23	19	31	0.56	599	5.7	3.28	5.1	470	<20	<50	0.02	2	
Z38343 (9981011)	<1	1.51	20	25	0.63	635	6.6	2.99	6.6	512	<20	<50	<0.01	<1	
Z38344 (9981012)	<1	1.15	19	24	0.54	586	6.4	2.88	6.5	532	<20	<50	0.02	<1	

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## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 19, 2019	DATE RECEIVED: Mar 20, 2019					DATE REPORTED: Apr 08, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Z38273 (9980941)	9	<10	<5	166	<10	<10	<5	0.27	<5	<50	23.7	<1	23	76.8	
Z38274 (9980942)	10	<10	<5	164	<10	<10	<5	0.28	<5	<50	25.5	<1	27	77.3	
Z38275 (9980943)	12	<10	<5	188	<10	<10	<5	0.42	<5	<50	45.4	<1	24	72.8	
Z38276 (9980944)	10	<10	<5	198	<10	<10	<5	0.23	<5	<50	28.3	<1	21	59.1	
Z38277 (9980945)	9	<10	<5	179	<10	<10	<5	0.25	<5	<50	25.3	<1	25	75.7	
Z38278 (9980946)	9	<10	5	176	<10	<10	<5	0.23	<5	<50	23.5	<1	25	74.1	
Z38279 (9980947)	9	<10	<5	159	<10	<10	<5	0.24	<5	<50	25.1	<1	24	89.7	
Z38280 (9980948)	7	<10	<5	164	<10	<10	<5	0.27	<5	<50	23.0	<1	20	115	
Z38281 (9980949)	8	<10	<5	158	<10	<10	<5	0.25	<5	<50	21.2	<1	23	135	
Z38282 (9980950)	9	<10	<5	156	<10	<10	<5	0.26	<5	<50	21.5	<1	27	141	
Z38283 (9980951)	9	<10	<5	148	<10	<10	<5	0.26	<5	<50	22.1	<1	32	140	
Z38284 (9980952)	5	<10	<5	160	<10	<10	<5	0.12	<5	<50	10.8	<1	35	67.4	
Z38285 (9980953)	8	<10	6	171	<10	<10	<5	0.26	<5	<50	21.5	<1	22	119	
Z38286 (9980954)	33	<10	<5	247	<10	11	<5	0.88	<5	<50	237	<1	21	94.5	
Z38287 (9980955)	9	<10	<5	213	<10	<10	<5	0.27	<5	<50	25.0	<1	25	102	
Z38288 (9980956)	9	<10	14	217	<10	<10	<5	0.17	<5	<50	29.1	<1	24	105	
Z38289 (9980957)	7	<10	<5	137	<10	<10	7	0.09	<5	<50	7.6	<1	28	44.7	
Z38290 (9980958)	9	<10	<5	173	<10	<10	<5	0.24	<5	<50	23.5	<1	29	103	
Z38291 (9980959)	11	<10	7	188	<10	<10	<5	0.18	<5	<50	36.9	<1	24	77.3	
Z38292 (9980960)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	3.4	
Z38293 (9980961)	8	<10	6	190	<10	<10	<5	0.22	<5	<50	23.2	<1	20	75.1	
Z38294 (9980962)	9	<10	<5	167	<10	<10	<5	0.24	<5	<50	22.6	<1	26	92.4	
Z38295 (9980963)	5	<10	<5	93	<10	<10	<5	0.09	<5	<50	7.8	<1	23	41.7	
Z38296 (9980964)	3	<10	<5	97	<10	<10	<5	0.09	<5	<50	8.3	<1	7	45.7	
Z38297 (9980965)	9	<10	<5	158	<10	<10	<5	0.25	<5	<50	23.0	<1	27	117	
Z38298 (9980966)	9	<10	<5	162	<10	<10	<5	0.25	<5	<50	21.8	<1	23	121	
Z38299 (9980967)	8	<10	<5	222	<10	<10	<5	0.22	<5	<50	27.0	<1	22	110	
Z38300 (9980968)	4	<10	<5	121	<10	<10	<5	0.08	<5	<50	12.4	<1	15	37.5	
Z38301 (9980969)	8	<10	8	357	<10	<10	<5	0.22	<5	<50	28.6	<1	31	89.3	
Z38302 (9980970)	8	<10	6	134	<10	<10	<5	0.25	<5	<50	22.5	<1	18	103	
Z38303 (9980971)	9	<10	<5	196	<10	<10	<5	0.25	<5	<50	21.5	<1	26	127	
Z38304 (9980972)	9	<10	5	163	<10	<10	<5	0.23	6	<50	21.8	<1	28	129	

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AGAT WORK ORDER: 19T448458

PROJECT: AGAT00578

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 19, 2019	DATE RECEIVED: Mar 20, 2019					DATE REPORTED: Apr 08, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Z38305 (9980973)	9	<10	<5	158	<10	<10	<5	0.26	<5	<50	22.0	<1	25	120	
Z38306 (9980974)	44	<10	<5	112	<10	10	<5	0.69	<5	<50	310	<1	22	80.6	
Z38307 (9980975)	9	<10	<5	136	<10	<10	<5	0.25	<5	<50	24.2	<1	21	106	
Z38308 (9980976)	6	<10	<5	164	<10	<10	<5	0.15	<5	<50	12.5	<1	22	57.4	
Z38309 (9980977)	9	<10	<5	176	<10	<10	<5	0.27	<5	<50	23.3	<1	25	81.0	
Z38310 (9980978)	9	<10	<5	164	<10	<10	<5	0.25	<5	<50	22.1	<1	25	92.7	
Z38311 (9980979)	9	<10	<5	193	<10	<10	<5	0.27	<5	<50	24.0	<1	27	69.4	
Z38312 (9980980)	<1	<10	<5	65	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	3.3	
Z38313 (9980981)	7	<10	<5	153	<10	<10	<5	0.21	<5	<50	19.6	<1	17	64.3	
Z38314 (9980982)	3	<10	<5	70	<10	<10	<5	0.09	<5	<50	11.9	<1	7	25.3	
Z38315 (9980983)	9	<10	<5	170	<10	<10	<5	0.23	<5	<50	27.9	<1	24	69.4	
Z38316 (9980984)	9	<10	<5	158	<10	<10	<5	0.26	<5	<50	23.0	<1	25	75.7	
Z38317 (9980985)	7	<10	<5	156	<10	<10	<5	0.22	<5	<50	22.1	<1	19	72.5	
Z38318 (9980986)	7	<10	<5	163	<10	<10	<5	0.23	<5	<50	21.0	<1	19	72.6	
Z38319 (9980987)	9	<10	<5	196	<10	<10	<5	0.24	<5	<50	23.0	<1	26	85.8	
Z38320 (9980988)	10	<10	<5	145	<10	<10	<5	0.24	<5	<50	29.5	<1	25	79.3	
Z38321 (9980989)	9	<10	<5	178	<10	<10	<5	0.26	<5	<50	26.9	<1	20	81.9	
Z38322 (9980990)	10	<10	<5	219	<10	<10	<5	0.30	<5	<50	43.4	<1	20	74.5	
Z38323 (9980991)	10	<10	<5	166	<10	<10	<5	0.24	<5	<50	32.6	<1	23	68.9	
Z38324 (9980992)	9	<10	<5	144	<10	<10	<5	0.24	<5	<50	22.9	<1	22	71.3	
Z38325 (9980993)	10	<10	<5	131	<10	<10	<5	0.24	<5	<50	22.9	<1	21	80.7	
Z38326 (9980994)	33	<10	<5	242	<10	10	<5	0.86	<5	<50	236	<1	21	92.4	
Z38327 (9980995)	10	<10	<5	165	<10	<10	<5	0.29	<5	<50	30.6	<1	25	77.4	
Z38328 (9980996)	9	<10	<5	153	<10	<10	<5	0.26	<5	<50	23.0	<1	26	77.3	
Z38329 (9980997)	9	<10	6	144	<10	<10	<5	0.25	<5	<50	24.1	<1	27	74.2	
Z38330 (9980998)	10	<10	<5	138	<10	<10	<5	0.26	<5	<50	22.9	<1	26	89.1	
Z38331 (9980999)	9	<10	<5	141	<10	<10	<5	0.25	<5	<50	22.9	<1	24	93.9	
Z38332 (9981000)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	4.2	
Z38333 (9981001)	9	<10	5	116	<10	<10	<5	0.24	<5	<50	22.6	<1	23	76.5	
Z38334 (9981002)	5	<10	<5	118	<10	<10	<5	0.08	<5	<50	8.0	<1	28	47.0	
Z38335 (9981003)	8	<10	5	131	<10	<10	<5	0.23	<5	<50	23.1	<1	19	70.8	
Z38336 (9981004)	8	<10	<5	178	<10	<10	<5	0.23	<5	<50	28.0	<1	22	60.3	

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## Certificate of Analysis

AGAT WORK ORDER: 19T448458

PROJECT: AGAT00578

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 19, 2019	DATE RECEIVED: Mar 20, 2019					DATE REPORTED: Apr 08, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Sample ID (AGAT ID)															
Z38337 (9981005)	17	<10	<5	640	<10	14	<5	0.58	<5	<50	122	<1	27	50.6	
Z38338 (9981006)	17	<10	<5	649	<10	14	<5	0.59	<5	<50	123	<1	27	51.0	
Z38339 (9981007)	12	<10	<5	333	<10	<10	<5	0.42	<5	<50	52.3	<1	21	58.5	
Z38340 (9981008)	24	<10	<5	612	<10	13	<5	0.55	<5	<50	128	<1	24	64.7	
Z38341 (9981009)	10	<10	<5	189	<10	<10	<5	0.30	<5	<50	39.0	<1	21	87.1	
Z38342 (9981010)	8	<10	<5	138	<10	<10	<5	0.24	<5	<50	18.9	<1	24	89.8	
Z38343 (9981011)	10	<10	5	132	<10	<10	<5	0.24	<5	<50	27.2	<1	26	91.4	
Z38344 (9981012)	10	<10	<5	141	<10	<10	<5	0.24	<5	<50	24.1	<1	30	90.0	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 19, 2019      DATE RECEIVED: Mar 20, 2019      DATE REPORTED: Apr 08, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
Z38273 (9980941)				178
Z38274 (9980942)				181
Z38275 (9980943)				189
Z38276 (9980944)				160
Z38277 (9980945)				166
Z38278 (9980946)				154
Z38279 (9980947)				179
Z38280 (9980948)				173
Z38281 (9980949)				175
Z38282 (9980950)				171
Z38283 (9980951)				193
Z38284 (9980952)				96
Z38285 (9980953)				172
Z38286 (9980954)				93
Z38287 (9980955)				200
Z38288 (9980956)				101
Z38289 (9980957)				96
Z38290 (9980958)				155
Z38291 (9980959)				125
Z38292 (9980960)				<5
Z38293 (9980961)				123
Z38294 (9980962)				182
Z38295 (9980963)				85
Z38296 (9980964)				69
Z38297 (9980965)				164
Z38298 (9980966)				158
Z38299 (9980967)				148
Z38300 (9980968)				75
Z38301 (9980969)				89
Z38302 (9980970)				183
Z38303 (9980971)				163
Z38304 (9980972)				155

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T448458

PROJECT: AGAT00578

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 19, 2019

DATE RECEIVED: Mar 20, 2019

DATE REPORTED: Apr 08, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
Z38305 (9980973)				161
Z38306 (9980974)				54
Z38307 (9980975)				179
Z38308 (9980976)				111
Z38309 (9980977)				179
Z38310 (9980978)				182
Z38311 (9980979)				198
Z38312 (9980980)				<5
Z38313 (9980981)				145
Z38314 (9980982)				48
Z38315 (9980983)				164
Z38316 (9980984)				180
Z38317 (9980985)				167
Z38318 (9980986)				159
Z38319 (9980987)				191
Z38320 (9980988)				174
Z38321 (9980989)				183
Z38322 (9980990)				174
Z38323 (9980991)				165
Z38324 (9980992)				156
Z38325 (9980993)				168
Z38326 (9980994)				93
Z38327 (9980995)				175
Z38328 (9980996)				172
Z38329 (9980997)				177
Z38330 (9980998)				161
Z38331 (9980999)				156
Z38332 (9981000)				<5
Z38333 (9981001)				179
Z38334 (9981002)				84
Z38335 (9981003)				157
Z38336 (9981004)				142

Certified By:



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AGAT WORK ORDER: 19T448458

PROJECT: AGAT00578

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 19, 2019

DATE RECEIVED: Mar 20, 2019

DATE REPORTED: Apr 08, 2019


SAMPLE TYPE: Drill Core

	Analyte:	Zr
	Unit:	ppm
Sample ID (AGAT ID)	RDL:	5
Z38337 (9981005)		199
Z38338 (9981006)		204
Z38339 (9981007)		189
Z38340 (9981008)		202
Z38341 (9981009)		157
Z38342 (9981010)		169
Z38343 (9981011)		180
Z38344 (9981012)		161

Comments: RDL - Reported Detection Limit

9980941-9981012 As, Sb values may be low due to digestion losses.

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T448458

PROJECT: AGAT00578

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 19, 2019      DATE RECEIVED: Mar 20, 2019      DATE REPORTED: Apr 08, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au	ppm	0.001	
Z38273 (9980941)				0.003
Z38274 (9980942)				0.002
Z38275 (9980943)				0.001
Z38276 (9980944)				0.005
Z38277 (9980945)				0.001
Z38278 (9980946)				0.003
Z38279 (9980947)				0.001
Z38280 (9980948)				0.001
Z38281 (9980949)				0.005
Z38282 (9980950)				0.009
Z38283 (9980951)				0.002
Z38284 (9980952)				0.002
Z38285 (9980953)				0.001
Z38286 (9980954)				0.346
Z38287 (9980955)				0.001
Z38288 (9980956)				0.001
Z38289 (9980957)				0.005
Z38290 (9980958)				0.001
Z38291 (9980959)				<0.001
Z38292 (9980960)				<0.001
Z38293 (9980961)				0.001
Z38294 (9980962)				0.003
Z38295 (9980963)				0.002
Z38296 (9980964)				0.004
Z38297 (9980965)				0.001
Z38298 (9980966)				<0.001
Z38299 (9980967)				0.096
Z38300 (9980968)				0.001
Z38301 (9980969)				0.001
Z38302 (9980970)				0.001
Z38303 (9980971)				0.001
Z38304 (9980972)				<0.001

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T448458

PROJECT: AGAT00578

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 19, 2019      DATE RECEIVED: Mar 20, 2019      DATE REPORTED: Apr 08, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
Z38305 (9980973)			<0.001
Z38306 (9980974)			0.528
Z38307 (9980975)			0.001
Z38308 (9980976)			0.001
Z38309 (9980977)			<0.001
Z38310 (9980978)			<0.001
Z38311 (9980979)			<0.001
Z38312 (9980980)			<0.001
Z38313 (9980981)			<0.001
Z38314 (9980982)			0.001
Z38315 (9980983)			<0.001
Z38316 (9980984)			<0.001
Z38317 (9980985)			<0.001
Z38318 (9980986)			<0.001
Z38319 (9980987)			<0.001
Z38320 (9980988)			<0.001
Z38321 (9980989)			0.001
Z38322 (9980990)			0.002
Z38323 (9980991)			<0.001
Z38324 (9980992)			0.002
Z38325 (9980993)			0.001
Z38326 (9980994)			0.331
Z38327 (9980995)			0.002
Z38328 (9980996)			0.001
Z38329 (9980997)			<0.001
Z38330 (9980998)			<0.001
Z38331 (9980999)			0.001
Z38332 (9981000)			<0.001
Z38333 (9981001)			<0.001
Z38334 (9981002)			0.002
Z38335 (9981003)			<0.001
Z38336 (9981004)			0.001

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T448458

PROJECT: AGAT00578

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 19, 2019      DATE RECEIVED: Mar 20, 2019      DATE REPORTED: Apr 08, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
Z38337 (9981005)			<0.001
Z38338 (9981006)			0.001
Z38339 (9981007)			<0.001
Z38340 (9981008)			<0.001
Z38341 (9981009)			<0.001
Z38342 (9981010)			<0.001
Z38343 (9981011)			<0.001
Z38344 (9981012)			0.001

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T448458

PROJECT: AGAT00578

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 19, 2019

DATE RECEIVED: Mar 20, 2019

DATE REPORTED: Apr 08, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
Z38273 (9980941)		89
Z38293 (9980961)		84
Z38313 (9980981)		83
Z38333 (9981001)		83

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	9980941	< 0.5	< 0.5	0.0%	9980955	< 0.5	< 0.5	0.0%	9980966	< 0.5	< 0.5	0.0%	9980980	< 0.5	< 0.5	0.0%
Al	9980941	7.70	7.77	0.9%	9980955	8.15	8.26	1.3%	9980966	7.96	7.49	6.1%	9980980	0.07	0.07	0.0%
As	9980941	< 1	1		9980955	< 1	< 1	0.0%	9980966	1	< 1		9980980	< 1	< 1	0.0%
Ba	9980941	369	367	0.5%	9980955	335	346	3.2%	9980966	369	356	3.6%	9980980	14	16	13.3%
Be	9980941	1.4	1.4	0.0%	9980955	2.8	2.7	3.6%	9980966	1.9	2.1	10.0%	9980980	< 0.5	< 0.5	0.0%
Bi	9980941	1	< 1		9980955	2	2	0.0%	9980966	1	< 1		9980980	< 1	< 1	0.0%
Ca	9980941	2.53	2.52	0.4%	9980955	2.74	2.78	1.4%	9980966	2.39	2.23	6.9%	9980980	31.0	31.7	2.2%
Cd	9980941	< 0.5	< 0.5	0.0%	9980955	< 0.5	< 0.5	0.0%	9980966	< 0.5	< 0.5	0.0%	9980980	< 0.5	< 0.5	0.0%
Ce	9980941	48	47	2.1%	9980955	48	47	2.1%	9980966	41	46	11.5%	9980980	< 1	< 1	0.0%
Co	9980941	5.46	5.19	5.1%	9980955	6.1	5.8	5.0%	9980966	4.49	4.85	7.7%	9980980	0.69	0.76	9.7%
Cr	9980941	86.6	85.1	1.7%	9980955	59.2	63.4	6.9%	9980966	39.8	39.8	0.0%	9980980	2.9	2.9	0.0%
Cu	9980941	2.2	2.3	4.4%	9980955	20.5	20.9	1.9%	9980966	7.9	7.6	3.9%	9980980	< 0.5	0.6	
Fe	9980941	3.40	3.33	2.1%	9980955	3.66	3.72	1.6%	9980966	3.32	3.20	3.7%	9980980	0.110	0.117	6.2%
Ga	9980941	14.0	14.0	0.0%	9980955	15.0	16.0	6.5%	9980966	13.0	14.0	7.4%	9980980	< 5	< 5	0.0%
In	9980941	< 1	< 1	0.0%	9980955	< 1	< 1	0.0%	9980966	< 1	< 1	0.0%	9980980	< 1	< 1	0.0%
K	9980941	1.21	1.21	0.0%	9980955	1.12	1.13	0.9%	9980966	1.25	1.16	7.5%	9980980	0.026	0.024	8.0%
La	9980941	20	20	0.0%	9980955	20	20	0.0%	9980966	18	19	5.4%	9980980	3	3	0.0%
Li	9980941	33	32	3.1%	9980955	26	27	3.8%	9980966	32	31	3.2%	9980980	1	1	0.0%
Mg	9980941	0.62	0.61	1.6%	9980955	0.533	0.546	2.4%	9980966	0.567	0.559	1.4%	9980980	2.96	2.92	1.4%
Mn	9980941	487	485	0.4%	9980955	665	676	1.6%	9980966	730	714	2.2%	9980980	54	55	1.8%
Mo	9980941	15.5	13.7	12.3%	9980955	10.9	11.8	7.9%	9980966	4.5	5.3	16.3%	9980980	1.2	0.9	28.6%
Na	9980941	2.91	2.93	0.7%	9980955	3.19	3.28	2.8%	9980966	3.25	3.09	5.0%	9980980	0.04	0.04	0.0%
Ni	9980941	6.4	6.0	6.5%	9980955	6.8	6.5	4.5%	9980966	5.90	5.55	6.1%	9980980	0.86	0.84	2.4%
P	9980941	557	527	5.5%	9980955	547	546	0.2%	9980966	531	540	1.7%	9980980	92	100	8.3%
Pb	9980941	< 20	< 20	0.0%	9980955	< 20	< 20	0.0%	9980966	< 20	< 20	0.0%	9980980	< 20	< 20	0.0%
Rb	9980941	< 50	< 50	0.0%	9980955	< 50	< 50	0.0%	9980966	< 50	< 50	0.0%	9980980	< 50	< 50	0.0%
S	9980941	0.01	0.01	0.0%	9980955	0.03	0.03	0.0%	9980966	0.017	0.015	12.5%	9980980	0.03	0.03	0.0%
Sb	9980941	< 1	< 1	0.0%	9980955	< 1	< 1	0.0%	9980966	< 1	< 1	0.0%	9980980	< 1	< 1	0.0%
Sc	9980941	9	9	0.0%	9980955	9	9	0.0%	9980966	9	9	0.0%	9980980	< 1	< 1	0.0%
Se	9980941	< 10	< 10	0.0%	9980955	< 10	< 10	0.0%	9980966	< 10	< 10	0.0%	9980980	< 10	< 10	0.0%
Sn	9980941	< 5	< 5	0.0%	9980955	< 5	< 5	0.0%	9980966	< 5	< 5	0.0%	9980980	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	9980941	166	167	0.6%	9980955	213	220	3.2%	9980966	162	153	5.7%	9980980	65	65	0.0%
Ta	9980941	< 10	< 10	0.0%	9980955	< 10	< 10	0.0%	9980966	< 10	< 10	0.0%	9980980	< 10	< 10	0.0%
Te	9980941	< 10	< 10	0.0%	9980955	< 10	< 10	0.0%	9980966	< 10	< 10	0.0%	9980980	< 10	< 10	0.0%
Th	9980941	< 5	< 5	0.0%	9980955	< 5	< 5	0.0%	9980966	< 5	< 5	0.0%	9980980	< 5	< 5	0.0%
Ti	9980941	0.27	0.27	0.0%	9980955	0.27	0.27	0.0%	9980966	0.25	0.24	4.1%	9980980	< 0.01	< 0.01	0.0%
Tl	9980941	< 5	< 5	0.0%	9980955	< 5	< 5	0.0%	9980966	< 5	< 5	0.0%	9980980	< 5	< 5	0.0%
U	9980941	< 50	< 50	0.0%	9980955	< 50	< 50	0.0%	9980966	< 50	< 50	0.0%	9980980	< 50	< 50	0.0%
V	9980941	23.7	23.2	2.1%	9980955	25.0	24.9	0.4%	9980966	21.8	23.4	7.1%	9980980	1.27	1.24	2.4%
W	9980941	< 1	< 1	0.0%	9980955	< 1	< 1	0.0%	9980966	< 1	< 1	0.0%	9980980	< 1	< 1	0.0%
Y	9980941	23	23	0.0%	9980955	25	24	4.1%	9980966	23	26	12.2%	9980980	2	2	0.0%
Zn	9980941	76.8	75.0	2.4%	9980955	102	104	1.9%	9980966	121	115	5.1%	9980980	3.25	2.72	17.8%
Zr	9980941	178	175	1.7%	9980955	200	201	0.5%	9980966	158	169	6.7%	9980980	< 5	< 5	0.0%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	9980991	< 0.5	< 0.5	0.0%	9981005	< 0.5	< 0.5	0.0%								
Al	9980991	7.41	7.52	1.5%	9981005	3.39	3.37	0.6%								
As	9980991	< 1	1		9981005	5	6	18.2%								
Ba	9980991	442	457	3.3%	9981005	315	327	3.7%								
Be	9980991	1.87	2.05	9.2%	9981005	10.4	10.4	0.0%								
Bi	9980991	1	< 1		9981005	< 1	< 1	0.0%								
Ca	9980991	2.32	2.24	3.5%	9981005	6.97	7.15	2.5%								
Cd	9980991	< 0.5	< 0.5	0.0%	9981005	< 0.5	< 0.5	0.0%								
Ce	9980991	43	43	0.0%	9981005	108	105	2.8%								
Co	9980991	4.00	4.66	15.2%	9981005	42.6	45.3	6.1%								
Cr	9980991	42.1	36.2	15.1%	9981005	381	402	5.4%								
Cu	9980991	7.7	8.1	5.1%	9981005	44.9	47.1	4.8%								
Fe	9980991	3.23	3.11	3.8%	9981005	5.57	5.53	0.7%								
Ga	9980991	10.0	11.0	9.5%	9981005	20.0	22.0	9.5%								
In	9980991	< 1	< 1	0.0%	9981005	< 1	< 1	0.0%								
K	9980991	1.69	1.68	0.6%	9981005	1.79	1.79	0.0%								
La	9980991	19	18	5.4%	9981005	51	50	2.0%								
Li	9980991	13	13	0.0%	9981005	117	117	0.0%								
Mg	9980991	0.49	0.49	0.0%	9981005	6.27	6.23	0.6%								
Mn	9980991	1140	1030	10.1%	9981005	1160	1160	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	9980991	4.3	4.9	13.0%	9981005	2.94	3.46	16.3%								
Na	9980991	3.02	3.05	1.0%	9981005	2.87	2.92	1.7%								
Ni	9980991	5.9	5.9	0.0%	9981005	357	359	0.6%								
P	9980991	448	473	5.4%	9981005	770	783	1.7%								
Pb	9980991	< 20	< 20	0.0%	9981005	< 20	< 20	0.0%								
Rb	9980991	< 50	< 50	0.0%	9981005	< 50	< 50	0.0%								
S	9980991	< 0.01	0.01		9981005	0.082	0.086	4.8%								
Sb	9980991	< 1	< 1	0.0%	9981005	< 1	< 1	0.0%								
Sc	9980991	10	9	10.5%	9981005	17	17	0.0%								
Se	9980991	< 10	< 10	0.0%	9981005	< 10	< 10	0.0%								
Sn	9980991	< 5	< 5	0.0%	9981005	< 5	< 5	0.0%								
Sr	9980991	166	166	0.0%	9981005	640	656	2.5%								
Ta	9980991	< 10	< 10	0.0%	9981005	< 10	< 10	0.0%								
Te	9980991	< 10	< 10	0.0%	9981005	14	17	19.4%								
Th	9980991	< 5	< 5	0.0%	9981005	< 5	< 5	0.0%								
Ti	9980991	0.245	0.246	0.4%	9981005	0.58	0.58	0.0%								
Tl	9980991	< 5	< 5	0.0%	9981005	< 5	< 5	0.0%								
U	9980991	< 50	< 50	0.0%	9981005	< 50	< 50	0.0%								
V	9980991	32.6	30.3	7.3%	9981005	122	121	0.8%								
W	9980991	< 1	< 1	0.0%	9981005	< 1	< 1	0.0%								
Y	9980991	23	22	4.4%	9981005	27	27	0.0%								
Zn	9980991	68.9	68.0	1.3%	9981005	50.6	51.8	2.3%								
Zr	9980991	165	170	3.0%	9981005	199	196	1.5%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	9980941	0.003	0.002		9980955	0.001	0.002		9980966	< 0.001	< 0.001	0.0%	9980980	< 0.001	0.001	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	9980991	< 0.001	< 0.001	0.0%	9981005	< 0.001	0.027									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	11.19	102%	90% - 110%	8.17	8.41	103%	90% - 110%	6.96	6.78	97%	90% - 110%	10.95	10.84	99%	90% - 110%
As					26	26	101%	90% - 110%	124	124	100%	90% - 110%				
Ba	340	344	101%	90% - 110%	540	532	99%	90% - 110%	186	177	95%	90% - 110%	340	329	97%	90% - 110%
Be	2.6	2.8	107%	90% - 110%	4.0	4.1	103%	90% - 110%					2.6	2.9	110%	90% - 110%
Ca	5.72	5.71	100%	90% - 110%	0.907	0.905	100%	90% - 110%	4.01	3.88	97%	90% - 110%	5.72	5.46	96%	90% - 110%
Ce	122	117	96%	90% - 110%	98	92	94%	90% - 110%	24	22	92%	90% - 110%	122	116	95%	90% - 110%
Co									22.1	21.2	96%	90% - 110%				
Cr					60.3	54.5	90%	90% - 110%								
Cu	7	6	87%	90% - 110%	150	153	102%	90% - 110%	88.6	84.6	96%	90% - 110%	7	6	83%	90% - 110%
Fe	4.34	4.24	98%	90% - 110%	3.77	3.81	101%	90% - 110%	7.56	7.22	95%	90% - 110%	4.34	4.16	96%	90% - 110%
Ga	35	37	106%	90% - 110%									35	37	105%	90% - 110%
K	1.37	1.44	105%	90% - 110%					2.021	1.969	97%	90% - 110%	1.37	1.39	101%	90% - 110%
La	58	54	93%	90% - 110%	44	41	92%	90% - 110%					58	54	93%	90% - 110%
Li	37	38	104%	90% - 110%	47	46	99%	90% - 110%					37	36	98%	90% - 110%
Mg	0.325	0.32	98%	90% - 110%	1.10	1.12	102%	90% - 110%	2.412	2.402	100%	90% - 110%	0.325	0.306	94%	90% - 110%
Mn					780	770	99%	90% - 110%	1510	1415	94%	90% - 110%				
Mo					14	13	91%	90% - 110%								
Na	5.267	5.464	104%	90% - 110%	1.624	1.686	104%	90% - 110%	0.617	0.618	100%	90% - 110%	5.267	5.05	96%	90% - 110%
Ni					32	33	102%	90% - 110%	77.1	77.1	100%	90% - 110%				
P					750	728	97%	90% - 110%	892	943	106%	90% - 110%				
Pb					31	30	97%	90% - 110%								
S									0.348	0.325	93%	90% - 110%				
Sc					12	12	96%	90% - 110%								
Sr	1191	1210	102%	90% - 110%	144	151	105%	90% - 110%	92.8	88.2	95%	90% - 110%	1191	1123	94%	90% - 110%
Ta					1.9	2.0	105%	90% - 110%								
Ti	0.172	0.174	101%	90% - 110%	0.53	0.5	93%	90% - 110%					0.172	0.171	99%	90% - 110%
V					77	75	97%	90% - 110%								
Y	119	115	97%	90% - 110%									119	117	98%	90% - 110%
Zn	93	96	103%	90% - 110%	130	126	97%	90% - 110%	208	208	100%	90% - 110%	93	91	98%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS5W)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.72	98%	90% - 110%	0.725	0.726	100%	90% - 110%	5.27	5.23	99%	90% - 110%	0.562	0.544	97%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00578  
 SAMPLING SITE:

AGAT WORK ORDER: 19T448458  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00579

AGAT WORK ORDER: 19T448462

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Apr 10, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T448462

PROJECT: AGAT00579

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 19, 2019      DATE RECEIVED: Mar 20, 2019      DATE REPORTED: Apr 10, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C69624 (9981077)		1.55
C69625 (9981078)		2.41
C69626 (9981079)		0.07
C69627 (9981080)		2.27
C69628 (9981081)		2.01
C69629 (9981082)		2.82
C69630 (9981083)		1.40
C69631 (9981084)		0.97
C69632 (9981085)		2.48
C69633 (9981086)		1.08
C69634 (9981087)		1.23
C69635 (9981088)		2.74
C69636 (9981089)		2.34
C69637 (9981090)		2.53
C69638 (9981091)		2.53
C69639 (9981092)		2.35
C69640 (9981093)		2.46
C69641 (9981094)		2.59
C69642 (9981095)		3.13
C69643 (9981096)		2.11
C69644 (9981097)		1.50
C69645 (9981098)		1.60
C69646 (9981099)		0.07
C69647 (9981100)		1.14
C69648 (9981101)		0.87
C69649 (9981102)		1.48
C69650 (9981103)		1.94
C69651 (9981104)		0.94
C69652 (9981105)		1.79
C69653 (9981106)		3.16
C69654 (9981107)		2.42

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T448462

PROJECT: AGAT00579

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 19, 2019      DATE RECEIVED: Mar 20, 2019      DATE REPORTED: Apr 10, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C69655 (9981108)		1.91
C69656 (9981109)		1.86
C69657 (9981110)		1.65
C69658 (9981111)		1.65
C69659 (9981112)		0.52
C69660 (9981113)		0.78
C69661 (9981114)		1.16
C69662 (9981115)		2.37
C69663 (9981116)		2.25
C69664 (9981117)		2.24
C69665 (9981118)		2.19
C69666 (9981119)		0.07
C69667 (9981120)		1.40
C69668 (9981121)		1.56
C69669 (9981122)		2.37
C69670 (9981123)		1.49
C69671 (9981124)		1.47
C69672 (9981125)		1.48
C69673 (9981126)		1.44
C69674 (9981127)		2.49
C69675 (9981128)		2.63
C69676 (9981129)		1.56
C69677 (9981130)		1.38
C69678 (9981131)		1.38
C69679 (9981132)		1.99
C69680 (9981133)		1.21
C69681 (9981134)		2.39
C69682 (9981135)		2.33
C69683 (9981136)		2.52
C69684 (9981137)		2.80
C69685 (9981138)		0.98

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T448462

PROJECT: AGAT00579

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 19, 2019	DATE RECEIVED: Mar 20, 2019	DATE REPORTED: Apr 10, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
C69686 (9981139)		0.07
C69687 (9981140)		1.84
C69688 (9981141)		1.12
C69689 (9981142)		3.19
C69690 (9981143)		2.54
C69691 (9981144)		0.77
C69692 (9981145)		2.45
C69693 (9981146)		0.90
C69694 (9981147)		1.34
C69695 (9981148)		2.01

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T448462

PROJECT: AGAT00579

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 19, 2019	DATE RECEIVED: Mar 20, 2019							DATE REPORTED: Apr 10, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C69624 (9981077)	<0.5	7.77	2	489	19.8	1	2.40	<0.5	47	5.7	47.2	1.5	3.18	20	
C69625 (9981078)	<0.5	7.21	6	561	7.5	<1	2.30	<0.5	51	7.8	73.5	7.2	3.16	22	
C69626 (9981079)	<0.5	7.47	4	152	0.8	7	7.32	<0.5	8	40.4	144	156	8.01	33	
C69627 (9981080)	<0.5	2.85	4	488	4.9	<1	8.06	<0.5	103	57.2	535	84.4	7.22	32	
C69628 (9981081)	<0.5	3.11	<1	431	5.9	8	7.24	<0.5	144	63.6	846	154	9.02	39	
C69629 (9981082)	<0.5	3.25	<1	345	6.2	9	8.41	<0.5	143	57.6	683	172	8.98	35	
C69630 (9981083)	<0.5	7.72	<1	365	2.8	<1	2.21	<0.5	46	6.1	77.2	9.5	2.54	23	
C69631 (9981084)	<0.5	7.52	9	417	4.0	2	2.37	<0.5	43	8.0	61.0	7.0	3.19	23	
C69632 (9981085)	<0.5	0.07	<1	16	<0.5	<1	34.1	<0.5	<1	0.6	1.9	<0.5	0.09	11	
C69633 (9981086)	<0.5	9.29	1	453	3.2	5	5.45	<0.5	40	21.9	463	31.6	9.50	41	
C69634 (9981087)	<0.5	7.77	2	407	5.2	<1	4.88	<0.5	47	16.0	125	16.0	5.07	28	
C69635 (9981088)	<0.5	3.28	<1	1270	5.1	8	10.6	<0.5	169	49.2	368	135	8.52	35	
C69636 (9981089)	<0.5	3.32	<1	1600	4.6	12	12.3	<0.5	189	49.5	320	175	9.05	37	
C69637 (9981090)	<0.5	2.92	2	1780	6.9	4	10.9	<0.5	211	39.9	307	137	8.46	39	
C69638 (9981091)	<0.5	3.00	2	1790	9.2	8	11.0	<0.5	220	37.5	331	141	8.76	41	
C69639 (9981092)	<0.5	2.91	<1	1750	7.9	2	9.10	<0.5	243	51.7	488	128	8.94	41	
C69640 (9981093)	<0.5	2.84	<1	1770	10.4	12	8.42	<0.5	270	48.1	628	123	9.45	39	
C69641 (9981094)	<0.5	2.95	<1	1740	6.6	11	10.2	<0.5	275	49.2	463	149	9.48	40	
C69642 (9981095)	<0.5	2.85	<1	1460	6.9	<1	9.97	<0.5	230	60.7	503	130	9.27	38	
C69643 (9981096)	<0.5	6.39	<1	991	3.3	4	4.81	<0.5	88	11.7	64.8	34.4	3.98	25	
C69644 (9981097)	<0.5	7.44	5	216	1.9	<1	2.25	<0.5	83	4.6	32.4	4.7	1.96	20	
C69645 (9981098)	<0.5	6.99	4	191	3.6	<1	2.48	<0.5	110	4.6	49.0	3.9	2.25	20	
C69646 (9981099)	<0.5	7.43	<1	193	1.6	6	6.59	<0.5	18	40.0	151	104	7.58	36	
C69647 (9981100)	<0.5	3.26	<1	642	10.9	2	8.59	<0.5	170	48.5	379	85.4	8.36	34	
C69648 (9981101)	<0.5	7.59	2	292	5.6	<1	2.87	<0.5	52	5.2	42.1	6.1	3.49	27	
C69649 (9981102)	<0.5	7.28	4	481	8.5	<1	2.03	<0.5	27	7.2	59.4	127	2.61	23	
C69650 (9981103)	<0.5	7.45	<1	741	3.5	<1	1.90	<0.5	44	5.2	68.1	5.0	3.07	21	
C69651 (9981104)	<0.5	7.80	3	635	2.8	<1	1.54	<0.5	35	1.8	60.3	103	1.17	20	
C69652 (9981105)	<0.5	0.07	1	17	<0.5	<1	34.4	<0.5	<1	0.7	2.5	<0.5	0.09	10	
C69653 (9981106)	<0.5	3.31	1	1010	5.1	8	8.46	<0.5	160	49.4	425	117	8.85	35	
C69654 (9981107)	<0.5	3.69	4	1140	6.5	<1	7.99	<0.5	130	43.4	369	85.4	6.90	31	
C69655 (9981108)	<0.5	7.44	4	558	2.6	1	2.54	<0.5	48	7.3	67.9	3.9	3.23	21	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T448462

PROJECT: AGAT00579

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 19, 2019	DATE RECEIVED: Mar 20, 2019							DATE REPORTED: Apr 10, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C69656 (9981109)	<0.5	6.98	<1	390	1.7	<1	2.93	<0.5	71	7.7	68.7	7.7	3.27	21	
C69657 (9981110)	<0.5	7.34	3	452	2.4	<1	2.22	<0.5	52	7.0	63.6	3.5	3.10	23	
C69658 (9981111)	<0.5	7.48	3	459	2.5	1	2.29	<0.5	51	6.6	66.2	3.6	3.22	23	
C69659 (9981112)	<0.5	6.60	<1	300	5.3	<1	2.44	<0.5	24	4.5	62.2	30.0	1.65	19	
C69660 (9981113)	<0.5	3.65	<1	382	7.5	1	6.50	<0.5	69	59.0	322	96.1	7.86	33	
C69661 (9981114)	<0.5	7.54	<1	646	4.2	<1	2.48	<0.5	56	5.5	63.1	5.3	3.42	22	
C69662 (9981115)	<0.5	7.59	<1	308	1.6	3	2.62	<0.5	47	6.6	63.5	1.7	3.33	21	
C69663 (9981116)	<0.5	7.90	4	345	1.4	<1	2.57	<0.5	53	7.1	79.4	1.7	3.39	22	
C69664 (9981117)	<0.5	7.52	3	333	2.1	<1	2.64	<0.5	50	7.2	87.9	1.6	3.26	25	
C69665 (9981118)	<0.5	7.69	<1	323	1.4	<1	2.69	<0.5	52	7.6	73.9	1.4	3.18	21	
C69666 (9981119)	<0.5	7.33	4	146	0.8	3	7.10	<0.5	7	41.0	138	153	7.90	32	
C69667 (9981120)	<0.5	7.38	3	348	2.3	<1	3.10	<0.5	51	10.8	115	1.6	3.91	26	
C69668 (9981121)	<0.5	6.25	5	280	3.4	3	3.54	<0.5	22	13.5	161	4.9	3.74	23	
C69669 (9981122)	<0.5	7.47	<1	310	2.7	2	2.68	<0.5	45	7.5	69.9	107	3.40	22	
C69670 (9981123)	<0.5	7.53	2	269	2.6	1	2.37	<0.5	45	7.1	74.5	4.8	3.10	23	
C69671 (9981124)	<0.5	7.51	5	462	2.6	2	2.69	<0.5	43	6.4	76.6	3.6	3.32	22	
C69672 (9981125)	<0.5	0.06	<1	14	<0.5	<1	33.3	<0.5	<1	0.8	2.5	<0.5	0.09	12	
C69673 (9981126)	<0.5	7.56	2	480	1.8	<1	2.57	<0.5	47	6.5	67.0	4.3	3.25	21	
C69674 (9981127)	<0.5	9.17	<1	472	1.7	1	3.20	<0.5	29	8.4	42.3	13.8	3.66	30	
C69675 (9981128)	<0.5	7.60	4	493	3.7	<1	2.35	<0.5	28	5.8	69.2	9.0	2.74	24	
C69676 (9981129)	<0.5	2.53	<1	400	6.1	<1	7.17	<0.5	100	59.1	432	97.0	7.29	31	
C69677 (9981130)	<0.5	7.48	<1	537	4.2	2	2.03	<0.5	17	3.7	49.0	17.2	2.36	23	
C69678 (9981131)	<0.5	7.59	1	530	4.1	2	2.13	<0.5	19	4.3	55.6	13.1	2.53	24	
C69679 (9981132)	<0.5	7.47	<1	430	2.7	<1	1.94	<0.5	46	6.0	73.1	2.7	2.76	22	
C69680 (9981133)	<0.5	7.81	11	1300	2.3	<1	1.60	<0.5	19	3.6	59.1	18.3	1.68	20	
C69681 (9981134)	<0.5	6.90	10	563	3.5	<1	2.87	<0.5	61	9.5	101	10.1	3.22	23	
C69682 (9981135)	<0.5	7.64	6	368	3.1	<1	2.23	<0.5	41	4.9	73.7	10.5	2.77	21	
C69683 (9981136)	<0.5	5.85	9	712	4.6	6	5.05	<0.5	92	19.9	153	38.6	4.70	27	
C69684 (9981137)	<0.5	7.56	<1	354	1.8	3	2.32	<0.5	49	5.7	76.2	2.0	3.06	22	
C69685 (9981138)	<0.5	8.46	<1	291	1.6	<1	2.25	<0.5	8	3.0	56.6	9.7	1.76	22	
C69686 (9981139)	<0.5	7.58	2	195	1.4	5	6.66	<0.5	18	39.1	140	106	7.75	32	
C69687 (9981140)	<0.5	7.65	5	411	3.6	<1	2.00	<0.5	42	4.2	77.1	2.9	2.46	22	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T448462

PROJECT: AGAT00579

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 19, 2019	DATE RECEIVED: Mar 20, 2019					DATE REPORTED: Apr 10, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C69688 (9981141)	<0.5	6.69	<1	580	5.1	1	3.13	<0.5	52	9.9	112	12.5	3.38	25	
C69689 (9981142)	<0.5	3.15	9	582	11.2	<1	6.76	<0.5	110	47.5	370	57.6	6.36	30	
C69690 (9981143)	<0.5	7.52	1	365	4.7	<1	2.98	<0.5	47	6.3	65.1	29.0	2.87	23	
C69691 (9981144)	<0.5	8.44	7	575	2.2	<1	1.54	<0.5	17	1.5	45.2	5.8	1.09	18	
C69692 (9981145)	<0.5	0.07	3	17	<0.5	<1	33.7	<0.5	<1	0.7	3.1	<0.5	0.09	10	
C69693 (9981146)	<0.5	6.38	3	981	4.7	<1	4.04	<0.5	84	16.4	92.1	19.0	4.52	24	
C69694 (9981147)	<0.5	2.54	5	214	5.5	4	9.39	<0.5	143	41.7	218	81.8	6.62	28	
C69695 (9981148)	<0.5	7.49	<1	559	3.6	<1	2.63	<0.5	44	8.1	56.3	8.3	3.42	23	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 19, 2019

DATE RECEIVED: Mar 20, 2019

DATE REPORTED: Apr 10, 2019

SAMPLE TYPE: Drill Core

Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
C69624 (9981077)	<1	1.45	20	21	0.71	487	4.4	3.69	9.3	617	<20	<50	0.01	<1
C69625 (9981078)	<1	1.01	23	25	1.03	427	3.8	5.10	19.0	323	<20	<50	0.05	<1
C69626 (9981079)	<1	0.22	4	12	4.49	1440	<0.5	2.39	89.7	428	<20	<50	0.15	<1
C69627 (9981080)	<1	2.89	49	56	9.01	1300	2.0	2.29	485	93	<20	<50	0.17	1
C69628 (9981081)	<1	2.84	64	30	9.25	1460	1.1	1.43	525	1070	23	<50	0.21	1
C69629 (9981082)	<1	2.74	60	42	9.05	1570	<0.5	1.48	478	1010	30	<50	0.17	<1
C69630 (9981083)	<1	1.16	22	13	0.77	409	3.9	4.04	18.2	371	<20	<50	0.02	<1
C69631 (9981084)	<1	0.86	20	17	0.93	534	5.2	5.22	23.0	909	<20	<50	0.03	<1
C69632 (9981085)	<1	0.02	3	1	2.77	51	<0.5	0.04	1.1	91	<20	<50	0.02	<1
C69633 (9981086)	<1	1.92	18	33	3.20	1450	3.2	2.74	164	442	<20	<50	0.03	1
C69634 (9981087)	<1	1.23	22	23	2.37	1130	3.1	3.91	74.0	546	<20	<50	0.02	<1
C69635 (9981088)	<1	2.62	87	27	7.89	1530	<0.5	1.03	256	2430	32	<50	0.19	<1
C69636 (9981089)	<1	2.88	99	17	7.99	1570	<0.5	0.49	222	3010	20	<50	0.26	2
C69637 (9981090)	<1	2.74	97	24	6.68	1620	<0.5	0.74	197	2710	<20	<50	0.18	<1
C69638 (9981091)	<1	2.84	98	24	6.88	1680	<0.5	0.75	206	4030	23	<50	0.19	<1
C69639 (9981092)	<1	2.65	107	18	8.04	1690	<0.5	0.42	279	2350	25	<50	0.17	<1
C69640 (9981093)	<1	2.46	116	17	9.32	1780	<0.5	0.44	349	2630	21	<50	0.11	<1
C69641 (9981094)	<1	2.52	125	13	8.53	1650	1.0	0.33	281	1640	26	<50	0.15	<1
C69642 (9981095)	<1	2.61	116	24	9.25	1630	<0.5	0.45	350	1670	23	<50	0.18	<1
C69643 (9981096)	<1	1.18	41	20	1.82	801	2.3	4.42	34.5	1660	<20	<50	0.07	<1
C69644 (9981097)	<1	0.43	31	6	0.56	369	5.9	5.93	10.2	415	<20	<50	0.04	<1
C69645 (9981098)	<1	0.45	39	19	0.71	401	3.9	5.86	14.5	536	<20	<50	0.04	<1
C69646 (9981099)	<1	0.44	10	9	4.37	1360	<0.5	2.28	117	866	<20	<50	0.09	<1
C69647 (9981100)	<1	2.19	78	55	7.36	1570	3.1	2.58	329	1940	25	<50	0.13	<1
C69648 (9981101)	<1	1.09	22	22	2.27	701	3.4	5.35	29.0	470	<20	<50	0.02	1
C69649 (9981102)	<1	1.55	10	15	1.04	501	3.3	4.46	15.9	729	<20	<50	0.04	<1
C69650 (9981103)	<1	1.40	19	16	0.93	442	5.4	4.10	8.6	601	<20	<50	0.02	<1
C69651 (9981104)	<1	3.07	15	8	0.26	530	5.1	4.18	4.6	399	25	<50	0.07	2
C69652 (9981105)	<1	0.02	3	<1	2.24	48	1.2	0.04	0.6	78	<20	<50	0.02	<1
C69653 (9981106)	<1	2.61	80	28	8.65	1450	1.6	1.56	356	1770	30	<50	0.19	2
C69654 (9981107)	<1	1.75	66	47	7.49	1340	2.5	3.13	302	1860	<20	<50	0.16	<1
C69655 (9981108)	<1	1.33	22	26	1.06	545	6.5	3.84	15.5	725	<20	<50	0.02	<1

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T448462

PROJECT: AGAT00579

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 19, 2019	DATE RECEIVED: Mar 20, 2019					DATE REPORTED: Apr 10, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
C69656 (9981109)	<1	1.32	31	17	0.97	568	4.3	3.57	12.5	976	<20	<50	0.03	<1	
C69657 (9981110)	<1	1.27	23	18	0.79	529	6.2	4.13	10.6	576	<20	<50	0.04	<1	
C69658 (9981111)	<1	1.30	23	19	0.82	533	3.2	4.04	9.0	543	<20	<50	0.04	<1	
C69659 (9981112)	<1	0.73	11	17	0.63	288	8.0	3.95	15.7	476	<20	<50	0.02	<1	
C69660 (9981113)	<1	2.87	36	43	6.96	1190	1.6	3.09	352	971	<20	<50	0.13	<1	
C69661 (9981114)	<1	1.21	24	34	0.98	576	7.0	4.11	14.2	750	<20	<50	0.02	<1	
C69662 (9981115)	<1	1.34	20	29	0.76	596	5.0	3.20	10.4	557	<20	<50	<0.01	<1	
C69663 (9981116)	<1	1.49	24	32	0.70	510	9.1	3.20	10.2	528	<20	<50	<0.01	<1	
C69664 (9981117)	<1	1.65	22	25	0.83	580	6.1	3.11	10.8	507	<20	<50	<0.01	<1	
C69665 (9981118)	<1	1.27	23	21	0.85	547	7.6	3.10	12.9	501	<20	<50	<0.01	<1	
C69666 (9981119)	<1	0.21	4	11	4.39	1410	<0.5	2.32	87.8	425	<20	<50	0.15	<1	
C69667 (9981120)	<1	1.55	24	24	1.36	894	5.1	2.95	38.7	510	<20	<50	0.01	<1	
C69668 (9981121)	<1	1.58	9	28	1.82	972	8.8	2.06	57.0	591	<20	<50	0.01	<1	
C69669 (9981122)	<1	1.38	20	19	0.77	660	5.8	3.29	11.2	597	<20	<50	0.03	<1	
C69670 (9981123)	<1	1.23	20	16	0.57	883	9.2	3.25	7.6	534	<20	<50	<0.01	<1	
C69671 (9981124)	<1	1.68	19	20	0.71	546	4.9	3.88	10.9	642	<20	<50	0.01	<1	
C69672 (9981125)	<1	0.01	3	<1	2.80	49	0.6	0.04	<0.5	91	<20	<50	0.01	<1	
C69673 (9981126)	<1	1.57	21	14	0.67	519	5.3	3.34	8.7	615	<20	<50	0.01	<1	
C69674 (9981127)	<1	1.92	10	27	0.99	525	2.0	4.10	9.3	2620	<20	<50	0.01	3	
C69675 (9981128)	<1	1.30	12	29	0.96	407	6.3	4.12	19.0	1190	<20	<50	0.01	<1	
C69676 (9981129)	<1	1.90	49	53	8.92	1240	1.9	2.68	460	845	<20	<50	0.17	<1	
C69677 (9981130)	<1	1.43	7	25	0.76	347	7.1	4.27	7.6	1200	<20	<50	0.03	<1	
C69678 (9981131)	<1	1.41	8	27	0.86	371	4.9	4.35	11.0	1220	<20	<50	0.03	<1	
C69679 (9981132)	<1	1.34	22	20	0.66	361	9.4	3.48	9.1	563	<20	<50	0.01	<1	
C69680 (9981133)	<1	3.62	8	13	0.48	255	6.1	3.16	9.0	1950	24	<50	0.01	<1	
C69681 (9981134)	<1	1.46	29	36	1.39	571	7.9	3.67	33.0	664	<20	<50	0.04	<1	
C69682 (9981135)	<1	1.43	18	16	0.61	544	5.3	3.66	8.1	473	<20	<50	0.02	<1	
C69683 (9981136)	<1	1.70	45	28	3.30	842	4.6	3.20	96.6	1260	<20	<50	0.10	2	
C69684 (9981137)	<1	1.29	21	22	0.62	552	6.2	3.26	8.7	444	<20	<50	0.01	<1	
C69685 (9981138)	<1	1.27	4	13	0.41	734	7.1	4.15	5.7	342	<20	<50	0.01	<1	
C69686 (9981139)	<1	0.45	10	10	4.46	1370	0.6	2.34	110	865	<20	<50	0.09	1	
C69687 (9981140)	<1	1.51	19	21	0.52	766	6.2	3.76	7.6	604	41	<50	0.01	<1	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T448462

PROJECT: AGAT00579

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 19, 2019	DATE RECEIVED: Mar 20, 2019					DATE REPORTED: Apr 10, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
C69688 (9981141)	<1	0.88	25	56	1.54	637	4.4	4.57	48.4	1430	<20	<50	0.05	<1	
C69689 (9981142)	<1	1.43	55	84	7.53	1240	2.1	3.73	382	995	<20	<50	0.15	<1	
C69690 (9981143)	<1	1.05	21	19	0.62	572	7.1	3.60	8.5	931	<20	<50	0.03	<1	
C69691 (9981144)	<1	4.61	9	10	0.36	161	4.7	3.42	6.9	1470	25	<50	0.02	<1	
C69692 (9981145)	<1	0.01	3	<1	2.34	55	0.6	0.04	<0.5	86	<20	<50	0.02	<1	
C69693 (9981146)	<1	1.70	41	73	2.34	826	4.8	4.11	53.2	1840	<20	<50	0.05	<1	
C69694 (9981147)	<1	1.76	81	70	5.91	1670	3.1	2.80	163	1170	<20	<50	0.17	<1	
C69695 (9981148)	<1	1.11	20	24	0.81	613	6.0	3.88	9.8	1440	<20	<50	0.02	<1	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 19, 2019

DATE RECEIVED: Mar 20, 2019

DATE REPORTED: Apr 10, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
C69624 (9981077)	10	<10	<5	163	<10	<10	<5	0.26	5	<50	40.8	<1	18	60.6
C69625 (9981078)	11	<10	<5	201	<10	<10	<5	0.31	<5	<50	39.3	2	29	37.2
C69626 (9981079)	44	<10	<5	115	<10	<10	<5	0.69	<5	<50	301	1	21	80.3
C69627 (9981080)	21	<10	<5	636	<10	26	<5	0.86	<5	<50	230	<1	25	76.2
C69628 (9981081)	29	<10	<5	496	<10	63	<5	1.77	<5	<50	264	2	25	109
C69629 (9981082)	29	<10	<5	433	<10	80	<5	1.88	<5	<50	236	2	30	98.9
C69630 (9981083)	9	<10	<5	238	<10	<10	<5	0.19	<5	<50	28.1	3	18	34.7
C69631 (9981084)	10	<10	<5	353	<10	<10	<5	0.23	<5	<50	49.9	1	18	36.5
C69632 (9981085)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	4.5
C69633 (9981086)	26	<10	5	437	<10	16	<5	0.55	<5	<50	136	3	27	89.5
C69634 (9981087)	18	<10	5	332	<10	<10	<5	0.33	<5	<50	86.4	2	34	62.3
C69635 (9981088)	25	<10	<5	1220	<10	47	<5	1.39	<5	<50	301	<1	41	151
C69636 (9981089)	27	<10	<5	1360	<10	50	<5	1.52	<5	<50	343	1	29	83.8
C69637 (9981090)	32	<10	<5	1320	<10	25	<5	1.33	<5	<50	322	<1	28	83.3
C69638 (9981091)	35	<10	<5	1340	<10	50	<5	1.85	<5	<50	340	<1	29	87.9
C69639 (9981092)	30	<10	<5	1070	<10	59	<5	2.02	<5	<50	309	<1	26	87.2
C69640 (9981093)	34	<10	<5	926	<10	84	<5	2.78	<5	<50	277	<1	25	88.7
C69641 (9981094)	30	<10	<5	1180	<10	44	<5	1.81	<5	<50	312	<1	28	86.3
C69642 (9981095)	30	<10	<5	1070	<10	58	<5	1.58	<5	<50	310	2	29	82.3
C69643 (9981096)	12	<10	<5	654	<10	18	<5	0.65	<5	<50	88.6	2	25	69.2
C69644 (9981097)	6	<10	<5	309	<10	<10	15	0.16	<5	<50	23.5	<1	26	86.6
C69645 (9981098)	11	<10	<5	226	<10	<10	10	0.26	<5	<50	36.2	1	34	23.4
C69646 (9981099)	33	<10	<5	239	<10	18	<5	0.82	<5	<50	238	2	21	87.9
C69647 (9981100)	26	<10	<5	885	<10	24	<5	0.89	<5	<50	248	<1	36	96.7
C69648 (9981101)	11	<10	<5	234	<10	<10	<5	0.26	<5	<50	36.6	2	17	29.1
C69649 (9981102)	9	<10	<5	191	<10	<10	<5	0.24	<5	<50	29.3	<1	17	31.5
C69650 (9981103)	11	<10	<5	191	<10	<10	<5	0.26	<5	<50	41.1	2	17	61.9
C69651 (9981104)	5	<10	<5	154	<10	<10	12	0.07	<5	<50	14.5	2	20	36.4
C69652 (9981105)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	2.9
C69653 (9981106)	20	<10	5	1020	<10	52	<5	1.52	<5	<50	284	<1	28	90.9
C69654 (9981107)	21	<10	<5	961	<10	31	<5	0.94	<5	<50	225	1	29	70.4
C69655 (9981108)	10	<10	<5	205	<10	<10	<5	0.27	<5	<50	39.1	<1	22	58.6

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T448462

PROJECT: AGAT00579

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 19, 2019	DATE RECEIVED: Mar 20, 2019					DATE REPORTED: Apr 10, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
C69656 (9981109)	9	<10	<5	241	<10	<10	<5	0.30	<5	<50	40.6	1	27	60.6	
C69657 (9981110)	10	<10	<5	174	<10	<10	<5	0.25	<5	<50	37.3	1	21	62.9	
C69658 (9981111)	10	<10	<5	177	<10	<10	<5	0.26	7	<50	36.5	2	20	60.4	
C69659 (9981112)	6	<10	<5	194	<10	<10	<5	0.18	<5	<50	28.8	<1	10	50.9	
C69660 (9981113)	22	<10	<5	495	<10	35	<5	1.04	<5	<50	245	1	23	73.2	
C69661 (9981114)	12	<10	<5	192	<10	<10	<5	0.28	<5	<50	37.0	<1	33	91.1	
C69662 (9981115)	10	<10	<5	158	<10	<10	<5	0.26	<5	<50	34.8	2	30	62.6	
C69663 (9981116)	9	<10	<5	173	<10	<10	<5	0.26	<5	<50	35.0	2	21	68.2	
C69664 (9981117)	13	<10	<5	164	<10	<10	<5	0.25	<5	<50	56.3	2	25	63.5	
C69665 (9981118)	10	<10	<5	166	<10	<10	<5	0.26	<5	<50	33.8	<1	26	60.8	
C69666 (9981119)	43	<10	<5	112	<10	10	<5	0.67	<5	<50	301	1	21	77.1	
C69667 (9981120)	14	<10	<5	155	<10	<10	<5	0.27	<5	<50	52.0	2	36	65.2	
C69668 (9981121)	15	<10	<5	152	<10	<10	<5	0.25	<5	<50	59.1	2	33	68.8	
C69669 (9981122)	10	<10	<5	150	<10	<10	<5	0.26	<5	<50	35.6	<1	24	67.4	
C69670 (9981123)	10	<10	<5	129	<10	<10	<5	0.24	<5	<50	28.5	2	35	65.5	
C69671 (9981124)	11	<10	6	219	<10	<10	<5	0.25	<5	<50	37.7	1	24	49.2	
C69672 (9981125)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	4.5	
C69673 (9981126)	10	<10	<5	158	<10	<10	<5	0.26	<5	<50	40.5	<1	19	74.7	
C69674 (9981127)	9	<10	<5	202	<10	<10	<5	0.23	<5	<50	38.9	<1	33	86.2	
C69675 (9981128)	7	<10	<5	187	<10	<10	<5	0.29	<5	<50	36.5	3	14	78.8	
C69676 (9981129)	18	<10	<5	703	<10	45	<5	1.24	<5	<50	206	2	27	76.1	
C69677 (9981130)	6	<10	<5	183	<10	<10	<5	0.23	<5	<50	26.0	<1	16	80.4	
C69678 (9981131)	6	<10	<5	183	<10	<10	<5	0.25	<5	<50	27.2	1	16	81.2	
C69679 (9981132)	8	<10	<5	118	<10	<10	<5	0.23	<5	<50	31.0	3	12	85.5	
C69680 (9981133)	6	<10	<5	164	<10	<10	<5	0.14	<5	<50	31.9	<1	14	73.2	
C69681 (9981134)	10	<10	<5	252	<10	<10	<5	0.37	<5	<50	54.6	2	20	70.3	
C69682 (9981135)	8	<10	<5	133	<10	<10	<5	0.23	<5	<50	27.1	1	20	79.1	
C69683 (9981136)	15	<10	<5	477	<10	27	<5	0.82	<5	<50	121	<1	29	62.0	
C69684 (9981137)	9	<10	<5	129	<10	<10	<5	0.24	<5	<50	33.5	<1	24	68.3	
C69685 (9981138)	5	<10	<5	140	<10	<10	<5	0.14	6	<50	15.0	2	21	54.6	
C69686 (9981139)	33	<10	<5	244	<10	23	<5	0.84	<5	<50	237	2	21	89.3	
C69687 (9981140)	10	<10	<5	129	<10	<10	<5	0.19	<5	<50	39.0	1	25	105	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T448462

PROJECT: AGAT00579

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 19, 2019	DATE RECEIVED: Mar 20, 2019					DATE REPORTED: Apr 10, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Sample ID (AGAT ID)															
C69688 (9981141)	11	<10	<5	242	<10	<10	<5	0.34	<5	<50	55.1	<1	27	58.0	
C69689 (9981142)	25	<10	<5	772	<10	30	<5	0.87	<5	<50	186	<1	31	85.5	
C69690 (9981143)	10	<10	<5	167	<10	<10	<5	0.24	<5	<50	35.5	<1	23	69.6	
C69691 (9981144)	3	<10	<5	200	<10	<10	<5	0.10	<5	<50	13.2	<1	5	63.8	
C69692 (9981145)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	3.7	
C69693 (9981146)	12	<10	<5	490	<10	10	<5	0.52	<5	<50	84.5	1	23	102	
C69694 (9981147)	16	<10	<5	1070	<10	<10	<5	0.48	<5	<50	204	<1	31	80.2	
C69695 (9981148)	11	<10	<5	180	<10	<10	<5	0.30	<5	<50	42.8	2	26	74.6	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 19, 2019      DATE RECEIVED: Mar 20, 2019      DATE REPORTED: Apr 10, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Zr
	Unit:	ppm
	RDL:	5
C69624 (9981077)		170
C69625 (9981078)		197
C69626 (9981079)		57
C69627 (9981080)		246
C69628 (9981081)		123
C69629 (9981082)		163
C69630 (9981083)		126
C69631 (9981084)		184
C69632 (9981085)		<5
C69633 (9981086)		109
C69634 (9981087)		119
C69635 (9981088)		22
C69636 (9981089)		24
C69637 (9981090)		40
C69638 (9981091)		54
C69639 (9981092)		69
C69640 (9981093)		308
C69641 (9981094)		83
C69642 (9981095)		28
C69643 (9981096)		108
C69644 (9981097)		157
C69645 (9981098)		183
C69646 (9981099)		82
C69647 (9981100)		73
C69648 (9981101)		175
C69649 (9981102)		154
C69650 (9981103)		171
C69651 (9981104)		85
C69652 (9981105)		<5
C69653 (9981106)		26
C69654 (9981107)		59
C69655 (9981108)		167

Certified By:





## Certificate of Analysis

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PROJECT: AGAT00579

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ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 19, 2019      DATE RECEIVED: Mar 20, 2019      DATE REPORTED: Apr 10, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Zr
	Unit:	ppm
	RDL:	5
C69656 (9981109)		198
C69657 (9981110)		195
C69658 (9981111)		174
C69659 (9981112)		81
C69660 (9981113)		142
C69661 (9981114)		202
C69662 (9981115)		164
C69663 (9981116)		172
C69664 (9981117)		168
C69665 (9981118)		177
C69666 (9981119)		55
C69667 (9981120)		150
C69668 (9981121)		76
C69669 (9981122)		170
C69670 (9981123)		157
C69671 (9981124)		160
C69672 (9981125)		<5
C69673 (9981126)		144
C69674 (9981127)		47
C69675 (9981128)		133
C69676 (9981129)		186
C69677 (9981130)		106
C69678 (9981131)		109
C69679 (9981132)		164
C69680 (9981133)		66
C69681 (9981134)		205
C69682 (9981135)		154
C69683 (9981136)		87
C69684 (9981137)		162
C69685 (9981138)		85
C69686 (9981139)		87
C69687 (9981140)		157

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T448462

PROJECT: AGAT00579

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 19, 2019

DATE RECEIVED: Mar 20, 2019

DATE REPORTED: Apr 10, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
C69688 (9981141)	72
C69689 (9981142)	88
C69690 (9981143)	158
C69691 (9981144)	27
C69692 (9981145)	<5
C69693 (9981146)	57
C69694 (9981147)	69
C69695 (9981148)	167

Comments: RDL - Reported Detection Limit

9981077-9981148 As, Sb values may be low due to digestion losses.

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T448462

PROJECT: AGAT00579

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 19, 2019      DATE RECEIVED: Mar 20, 2019      DATE REPORTED: Apr 10, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
C69624 (9981077)		0.002	
C69625 (9981078)		0.006	
C69626 (9981079)		0.519	
C69627 (9981080)		0.002	
C69628 (9981081)		0.002	
C69629 (9981082)		0.001	
C69630 (9981083)		0.004	
C69631 (9981084)		0.006	
C69632 (9981085)		<0.001	
C69633 (9981086)		0.008	
C69634 (9981087)		0.001	
C69635 (9981088)		0.001	
C69636 (9981089)		<0.001	
C69637 (9981090)		<0.001	
C69638 (9981091)		<0.001	
C69639 (9981092)		0.001	
C69640 (9981093)		0.022	
C69641 (9981094)		0.001	
C69642 (9981095)		0.001	
C69643 (9981096)		<0.001	
C69644 (9981097)		0.002	
C69645 (9981098)		0.001	
C69646 (9981099)		0.330	
C69647 (9981100)		0.001	
C69648 (9981101)		<0.001	
C69649 (9981102)		0.005	
C69650 (9981103)		<0.001	
C69651 (9981104)		0.003	
C69652 (9981105)		<0.001	
C69653 (9981106)		0.001	
C69654 (9981107)		0.001	
C69655 (9981108)		0.016	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T448462

PROJECT: AGAT00579

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 19, 2019      DATE RECEIVED: Mar 20, 2019      DATE REPORTED: Apr 10, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
C69656 (9981109)		0.001	
C69657 (9981110)		<0.001	
C69658 (9981111)		<0.001	
C69659 (9981112)		0.003	
C69660 (9981113)		0.002	
C69661 (9981114)		0.002	
C69662 (9981115)		0.004	
C69663 (9981116)		0.001	
C69664 (9981117)		<0.001	
C69665 (9981118)		0.003	
C69666 (9981119)		0.538	
C69667 (9981120)		0.003	
C69668 (9981121)		<0.001	
C69669 (9981122)		0.001	
C69670 (9981123)		<0.001	
C69671 (9981124)		0.002	
C69672 (9981125)		<0.001	
C69673 (9981126)		0.001	
C69674 (9981127)		0.001	
C69675 (9981128)		<0.001	
C69676 (9981129)		0.001	
C69677 (9981130)		0.001	
C69678 (9981131)		0.002	
C69679 (9981132)		<0.001	
C69680 (9981133)		<0.001	
C69681 (9981134)		<0.001	
C69682 (9981135)		<0.001	
C69683 (9981136)		0.001	
C69684 (9981137)		0.001	
C69685 (9981138)		<0.001	
C69686 (9981139)		0.342	
C69687 (9981140)		0.001	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T448462

PROJECT: AGAT00579

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 19, 2019	DATE RECEIVED: Mar 20, 2019	DATE REPORTED: Apr 10, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C69688 (9981141)			0.001
C69689 (9981142)			<0.001
C69690 (9981143)			<0.001
C69691 (9981144)			0.002
C69692 (9981145)			<0.001
C69693 (9981146)			0.002
C69694 (9981147)			0.003
C69695 (9981148)			0.005

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T448462

PROJECT: AGAT00579

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 19, 2019      DATE RECEIVED: Mar 20, 2019      DATE REPORTED: Apr 10, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
C69624 (9981077)		85
C69643 (9981096)		78
C69660 (9981113)		79
C69661 (9981114)		78
C69662 (9981115)		82
C69663 (9981116)		81
C69683 (9981136)		77

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	9981077	< 0.5	< 0.5	0.0%	9981091	< 0.5	< 0.5	0.0%	9981102	< 0.5	< 0.5	0.0%	9981116	< 0.5	< 0.5	0.0%
Al	9981077	7.77	7.56	2.7%	9981091	3.00	2.90	3.4%	9981102	7.28	7.46	2.4%	9981116	7.90	7.52	4.9%
As	9981077	2	3		9981091	2	< 1		9981102	4	6	40.0%	9981116	4	3	28.6%
Ba	9981077	489	476	2.7%	9981091	1790	1780	0.6%	9981102	481	495	2.9%	9981116	345	327	5.4%
Be	9981077	19.8	24	19.2%	9981091	9.2	8.4	9.1%	9981102	8.5	7.5	12.5%	9981116	1.4	1.4	0.0%
Bi	9981077	1	2		9981091	8	6	28.6%	9981102	< 1	1		9981116	< 1	2	
Ca	9981077	2.40	2.58	7.2%	9981091	11.0	10.9	0.9%	9981102	2.03	1.91	6.1%	9981116	2.57	2.45	4.8%
Cd	9981077	< 0.5	< 0.5	0.0%	9981091	< 0.5	< 0.5	0.0%	9981102	< 0.5	< 0.5	0.0%	9981116	< 0.5	< 0.5	0.0%
Ce	9981077	47	45	4.3%	9981091	220	216	1.8%	9981102	27	27	0.0%	9981116	53	51	3.8%
Co	9981077	5.7	6.0	5.1%	9981091	37.5	38.3	2.1%	9981102	7.2	7.40	2.6%	9981116	7.1	7.1	0.0%
Cr	9981077	47.2	60	23.9%	9981091	331	323	2.4%	9981102	59.4	66.0	10.5%	9981116	79.4	74.7	6.1%
Cu	9981077	1.5	2.0	28.6%	9981091	141	142	0.7%	9981102	127	113	11.7%	9981116	1.7	2.1	21.1%
Fe	9981077	3.18	3.16	0.6%	9981091	8.76	8.46	3.5%	9981102	2.61	2.58	1.2%	9981116	3.39	3.23	4.8%
Ga	9981077	20	21	4.9%	9981091	41	37	10.3%	9981102	23	24	4.3%	9981116	22	21	4.7%
In	9981077	< 1	< 1	0.0%	9981091	< 1	< 1	0.0%	9981102	< 1	< 1	0.0%	9981116	< 1	< 1	0.0%
K	9981077	1.45	1.43	1.4%	9981091	2.84	2.75	3.2%	9981102	1.55	1.59	2.5%	9981116	1.49	1.42	4.8%
La	9981077	20	19	5.1%	9981091	98	98	0.0%	9981102	10	11	9.5%	9981116	24	23	4.3%
Li	9981077	21	21	0.0%	9981091	24	24	0.0%	9981102	15	15	0.0%	9981116	32	30	6.5%
Mg	9981077	0.71	0.720	0.7%	9981091	6.88	6.68	2.9%	9981102	1.04	0.984	5.5%	9981116	0.70	0.680	2.5%
Mn	9981077	487	489	0.4%	9981091	1680	1620	3.6%	9981102	501	461	8.3%	9981116	510	486	4.8%
Mo	9981077	4.4	3.8	14.6%	9981091	< 0.5	< 0.5	0.0%	9981102	3.3	4.2	24.0%	9981116	9.1	8.90	1.9%
Na	9981077	3.69	3.59	2.7%	9981091	0.748	0.741	0.9%	9981102	4.46	4.57	2.4%	9981116	3.20	3.09	3.5%
Ni	9981077	9.3	7.4	22.8%	9981091	206	210	1.9%	9981102	15.9	13.3	17.8%	9981116	10.2	9.6	6.1%
P	9981077	617	643	4.1%	9981091	4030	3640	10.2%	9981102	729	684	6.4%	9981116	528	512	3.1%
Pb	9981077	< 20	< 20	0.0%	9981091	23	21	9.1%	9981102	< 20	< 20	0.0%	9981116	< 20	< 20	0.0%
Rb	9981077	< 50	< 50	0.0%	9981091	< 50	< 50	0.0%	9981102	< 50	< 50	0.0%	9981116	< 50	< 50	0.0%
S	9981077	0.01	0.015	0.0%	9981091	0.19	0.18	5.4%	9981102	0.04	0.04	0.0%	9981116	< 0.01	< 0.01	0.0%
Sb	9981077	< 1	2		9981091	< 1	< 1	0.0%	9981102	< 1	2		9981116	< 1	< 1	0.0%
Sc	9981077	10	11	9.5%	9981091	35	34	2.9%	9981102	9	9	0.0%	9981116	9	8	11.8%
Se	9981077	< 10	< 10	0.0%	9981091	< 10	< 10	0.0%	9981102	< 10	< 10	0.0%	9981116	< 10	< 10	0.0%
Sn	9981077	< 5	< 5	0.0%	9981091	< 5	< 5	0.0%	9981102	< 5	< 5	0.0%	9981116	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	9981077	163	158	3.1%	9981091	1340	1330	0.7%	9981102	191	186	2.7%	9981116	173	165	4.7%
Ta	9981077	< 10	< 10	0.0%	9981091	< 10	< 10	0.0%	9981102	< 10	< 10	0.0%	9981116	< 10	< 10	0.0%
Te	9981077	< 10	< 10	0.0%	9981091	50	41	19.8%	9981102	< 10	< 10	0.0%	9981116	< 10	< 10	0.0%
Th	9981077	< 5	< 5	0.0%	9981091	< 5	< 5	0.0%	9981102	< 5	< 5	0.0%	9981116	< 5	< 5	0.0%
Ti	9981077	0.26	0.26	0.0%	9981091	1.85	1.70	8.5%	9981102	0.24	0.24	0.0%	9981116	0.26	0.25	3.9%
Tl	9981077	5	< 5		9981091	< 5	< 5	0.0%	9981102	< 5	< 5	0.0%	9981116	< 5	< 5	0.0%
U	9981077	< 50	< 50	0.0%	9981091	< 50	< 50	0.0%	9981102	< 50	< 50	0.0%	9981116	< 50	< 50	0.0%
V	9981077	40.8	43.7	6.9%	9981091	340	336	1.2%	9981102	29.3	29.9	2.0%	9981116	35.0	33.7	3.8%
W	9981077	< 1	2		9981091	< 1	< 1	0.0%	9981102	< 1	< 1		9981116	2	2	0.0%
Y	9981077	18	18	0.0%	9981091	29	28	3.5%	9981102	17	17	0.0%	9981116	21	20	4.9%
Zn	9981077	60.6	60.8	0.3%	9981091	87.9	85.6	2.7%	9981102	31.5	29.0	8.3%	9981116	68.2	67.8	0.6%
Zr	9981077	170	178	4.6%	9981091	54	65	18.5%	9981102	154	159	3.2%	9981116	172	168	2.4%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	9981127	< 0.5	< 0.5	0.0%	9981141	< 0.5	< 0.5	0.0%								
Al	9981127	9.17	9.72	5.8%	9981141	6.69	6.93	3.5%								
As	9981127	< 1	< 1	0.0%	9981141	< 1	3									
Ba	9981127	472	484	2.5%	9981141	580	605	4.2%								
Be	9981127	1.7	1.9	11.1%	9981141	5.1	5.0	2.0%								
Bi	9981127	1	2	66.7%	9981141	1	2									
Ca	9981127	3.20	3.17	0.9%	9981141	3.13	3.28	4.7%								
Cd	9981127	< 0.5	< 0.5	0.0%	9981141	< 0.5	< 0.5	0.0%								
Ce	9981127	29	29	0.0%	9981141	52	52	0.0%								
Co	9981127	8.4	6.6	24.0%	9981141	9.9	9.9	0.0%								
Cr	9981127	42.3	50.4	17.5%	9981141	112	104	7.4%								
Cu	9981127	13.8	15.4	11.0%	9981141	12.5	12.5	0.0%								
Fe	9981127	3.66	3.42	6.8%	9981141	3.38	3.51	3.8%								
Ga	9981127	30	30	0.0%	9981141	25	27	7.7%								
In	9981127	< 1	< 1	0.0%	9981141	< 1	< 1	0.0%								
K	9981127	1.92	1.94	1.0%	9981141	0.881	0.910	3.2%								
La	9981127	10	10	0.0%	9981141	25	24	4.1%								
Li	9981127	27	25	7.7%	9981141	56	58	3.5%								
Mg	9981127	0.99	0.92	7.3%	9981141	1.54	1.61	4.4%								
Mn	9981127	525	492	6.5%	9981141	637	660	3.5%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	9981127	2.0	2.5	22.2%	9981141	4.4	4.9	10.8%								
Na	9981127	4.10	4.43	7.7%	9981141	4.57	4.76	4.1%								
Ni	9981127	9.3	8.9	4.4%	9981141	48.4	48.8	0.8%								
P	9981127	2620	3020	14.2%	9981141	1430	1440	0.7%								
Pb	9981127	< 20	< 20	0.0%	9981141	< 20	< 20	0.0%								
Rb	9981127	< 50	< 50	0.0%	9981141	< 50	< 50	0.0%								
S	9981127	0.01	0.01	0.0%	9981141	0.05	0.05	0.0%								
Sb	9981127	3	2	40.0%	9981141	< 1	1									
Sc	9981127	9	8	11.8%	9981141	11	11	0.0%								
Se	9981127	< 10	< 10	0.0%	9981141	< 10	< 10	0.0%								
Sn	9981127	< 5	< 5	0.0%	9981141	< 5	< 5	0.0%								
Sr	9981127	202	203	0.5%	9981141	242	253	4.4%								
Ta	9981127	< 10	< 10	0.0%	9981141	< 10	< 10	0.0%								
Te	9981127	< 10	< 10	0.0%	9981141	< 10	< 10	0.0%								
Th	9981127	< 5	< 5	0.0%	9981141	< 5	< 5	0.0%								
Ti	9981127	0.23	0.27	16.0%	9981141	0.341	0.359	5.1%								
Tl	9981127	< 5	< 5	0.0%	9981141	< 5	< 5	0.0%								
U	9981127	< 50	< 50	0.0%	9981141	< 50	< 50	0.0%								
V	9981127	38.9	34.3	12.6%	9981141	55.1	54.7	0.7%								
W	9981127	< 1	2		9981141	< 1	1									
Y	9981127	33	31	6.3%	9981141	27	28	3.6%								
Zn	9981127	86.2	80.9	6.3%	9981141	58.0	60.0	3.4%								
Zr	9981127	47	53	12.0%	9981141	72	76	5.4%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	9981077	0.002	0.001		9981091	< 0.001	< 0.001	0.0%	9981102	0.005	0.006	18.2%	9981116	0.001	0.001	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	9981127	0.001	0.001	0.0%	9981141	0.001	0.001	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

**(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish**

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	11	100%	90% - 110%	8.17	8.31	102%	90% - 110%	6.96	6.96	100%	90% - 110%	10.95	10.91	100%	90% - 110%
As					26	24	92%	90% - 110%	124	129	104%	90% - 110%				
Ba	340	338	99%	90% - 110%	540	530	98%	90% - 110%	186	183	98%	90% - 110%	340	334	98%	90% - 110%
Be	2.6	2.8	109%	90% - 110%	4.0	4.2	106%	90% - 110%					2.6	2.7	104%	90% - 110%
Ca	5.72	5.8	101%	90% - 110%	0.907	0.889	98%	90% - 110%	4.01	4.02	100%	90% - 110%	5.72	5.86	102%	90% - 110%
Ce	122	122	100%	90% - 110%	98	98	100%	90% - 110%	24	22	91%	90% - 110%	122	117	96%	90% - 110%
Co									22.1	21.2	96%	90% - 110%				
Cr					60.3	55	91%	90% - 110%								
Cu	7	6	85%	90% - 110%	150	156	104%	90% - 110%	88.6	84.5	95%	90% - 110%	7	7	93%	90% - 110%
Fe	4.34	3.99	92%	90% - 110%	3.77	3.76	100%	90% - 110%	7.56	7.18	95%	90% - 110%	4.34	4.03	93%	90% - 110%
Ga	35	34.5	99%	90% - 110%									35	34.0	97%	90% - 110%
K	1.37	1.45	106%	90% - 110%					2.021	2.054	102%	90% - 110%	1.37	1.42	104%	90% - 110%
La	58	57	98%	90% - 110%	44	40	90%	90% - 110%					58	55	95%	90% - 110%
Li	37	37	99%	90% - 110%	47	48	103%	90% - 110%					37	37	99%	90% - 110%
Mg	0.325	0.305	94%	90% - 110%	1.10	1.07	97%	90% - 110%	2.412	2.444	101%	90% - 110%	0.325	0.311	96%	90% - 110%
Mn					780	811	104%	90% - 110%	1510	1477	98%	90% - 110%				
Mo					14	13	90%	90% - 110%								
Na	5.267	5.479	104%	90% - 110%	1.624	1.678	103%	90% - 110%	0.617	0.631	102%	90% - 110%	5.267	5.428	103%	90% - 110%
Ni					32	32	101%	90% - 110%	77.1	76.5	99%	90% - 110%				
P					750	733	98%	90% - 110%	892	939	105%	90% - 110%				
Pb					31	30	98%	90% - 110%								
S									0.348	0.338	97%	90% - 110%				
Sc					12	12	98%	90% - 110%								
Sr	1191	1181	99%	90% - 110%	144	154	107%	90% - 110%	92.8	87.6	94%	90% - 110%	1191	1168	98%	90% - 110%
Ti	0.172	0.162	94%	90% - 110%	0.53	0.48	91%	90% - 110%					0.172	0.166	97%	90% - 110%
V					77	76	99%	90% - 110%								
Y	119	120	101%	90% - 110%									119	118	99%	90% - 110%
Zn	93	88	94%	90% - 110%	130	126	97%	90% - 110%	208	203	98%	90% - 110%	93	92	99%	90% - 110%

**(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)**

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS5W)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits



**AGAT** Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 19T448462

PROJECT: AGAT00579

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Au	6.87	6.18	90%	90% - 110%	0.725	0.702	97%	90% - 110%	5.27	5.56	105%	90% - 110%	0.562	0.543	97%	90% - 110%
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## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00579  
 SAMPLING SITE:

AGAT WORK ORDER: 19T448462  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00580

AGAT WORK ORDER: 19T448489

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Apr 05, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

# Certificate of Analysis

AGAT WORK ORDER: 19T448489

PROJECT: AGAT00580

 5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (200-) Sample Login Weight

DATE SAMPLED: Mar 20, 2019

DATE RECEIVED: Mar 20, 2019

DATE REPORTED: Apr 05, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
Z38345 (9981410)		1.97
Z38346 (9981411)		0.07
Z38347 (9981412)		1.99
Z38348 (9981413)		1.82
Z38349 (9981414)		1.95
Z38350 (9981415)		1.31
Z38351 (9981416)		2.37
Z38352 (9981417)		1.55
Z38353 (9981418)		1.56
Z38354 (9981419)		1.34
Z38355 (9981420)		2.36
Z38356 (9981421)		2.32
Z38357 (9981422)		2.21
Z38358 (9981423)		2.21
Z38359 (9981424)		2.30
Z38360 (9981425)		1.67
Z38361 (9981426)		2.25
Z38362 (9981427)		2.22
Z38363 (9981428)		1.48
Z38364 (9981429)		2.06
Z38365 (9981430)		2.05
Z38366 (9981431)		0.07
Z38367 (9981432)		1.12
Z38368 (9981433)		2.62
Z38369 (9981434)		1.54
Z38370 (9981435)		2.17
Z38371 (9981436)		1.03
Z38372 (9981437)		1.15
Z38373 (9981438)		2.19
Z38374 (9981439)		1.47
Z38375 (9981440)		2.59

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T448489

PROJECT: AGAT00580

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 20, 2019      DATE RECEIVED: Mar 20, 2019      DATE REPORTED: Apr 05, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
Z38376 (9981441)		2.39
Z38377 (9981442)		2.12
Z38378 (9981443)		2.12
Z38379 (9981444)		1.83
Z38380 (9981445)		1.36
Z38381 (9981446)		1.18
Z38382 (9981447)		1.99
Z38383 (9981448)		1.88
Z38384 (9981449)		1.01
Z38385 (9981450)		1.63
Z38386 (9981451)		0.07
Z38387 (9981452)		1.10
Z38388 (9981453)		1.67
Z38389 (9981454)		2.08
Z38390 (9981455)		2.20
Z38391 (9981456)		2.32
Z38392 (9981457)		1.48
Z38393 (9981458)		2.13
Z38394 (9981459)		1.93
Z38395 (9981460)		2.40
Z38396 (9981461)		2.24
Z38397 (9981462)		2.33
Z38398 (9981463)		2.33
Z38399 (9981464)		2.12
Z38400 (9981465)		1.95
Z38401 (9981466)		1.70
Z38402 (9981467)		1.90
Z38403 (9981468)		1.43
Z38404 (9981469)		1.63
Z38405 (9981470)		2.40
Z38406 (9981471)		0.07

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T448489

PROJECT: AGAT00580

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (200-) Sample Login Weight

DATE SAMPLED: Mar 20, 2019

DATE RECEIVED: Mar 20, 2019

DATE REPORTED: Apr 05, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
Z38407 (9981472)		2.24
Z38408 (9981473)		2.41
Z38409 (9981474)		2.34
Z38410 (9981475)		2.16
Z38411 (9981476)		2.51
Z38412 (9981477)		2.09
Z38413 (9981478)		2.28
Z38414 (9981479)		2.58
Z38415 (9981480)		2.02
Z38416 (9981481)		2.38

Comments: RDL - Reported Detection Limit

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T448489

PROJECT: AGAT00580

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 20, 2019	DATE RECEIVED: Mar 20, 2019							DATE REPORTED: Apr 05, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z38345 (9981410)	<0.5	7.52	<1	369	1.9	<1	2.59	<0.5	46	6.4	39.1	24.6	3.36	23	
Z38346 (9981411)	<0.5	7.10	2	140	0.8	5	6.92	<0.5	7	40.2	130	149	7.65	38	
Z38347 (9981412)	<0.5	7.63	1	330	1.8	2	2.64	<0.5	43	5.2	58.8	4.6	3.23	23	
Z38348 (9981413)	<0.5	7.34	<1	337	1.7	<1	2.44	<0.5	47	5.9	74.6	4.7	3.21	22	
Z38349 (9981414)	<0.5	7.64	<1	287	1.8	<1	2.35	<0.5	46	6.0	60.6	7.0	3.30	21	
Z38350 (9981415)	<0.5	8.51	3	316	1.8	<1	3.08	<0.5	52	3.9	56.9	6.1	2.78	26	
Z38351 (9981416)	<0.5	7.45	<1	274	1.6	2	2.61	<0.5	45	5.8	59.5	2.7	3.22	23	
Z38352 (9981417)	<0.5	0.13	2	22	<0.5	<1	34.4	<0.5	<1	<0.5	1.6	<0.5	0.09	12	
Z38353 (9981418)	<0.5	7.47	2	336	1.7	<1	2.73	<0.5	48	5.7	53.6	7.4	3.08	23	
Z38354 (9981419)	<0.5	7.54	<1	377	3.2	<1	2.48	<0.5	46	6.1	61.5	49.1	3.27	25	
Z38355 (9981420)	<0.5	7.46	<1	222	3.0	<1	2.10	<0.5	37	4.2	66.7	11.4	2.59	22	
Z38356 (9981421)	<0.5	7.81	1	247	2.4	2	2.11	<0.5	19	5.2	62.5	49.2	3.05	25	
Z38357 (9981422)	<0.5	7.56	<1	311	2.0	1	2.21	<0.5	35	5.8	66.0	12.3	3.10	23	
Z38358 (9981423)	<0.5	7.92	2	322	2.0	<1	2.25	<0.5	30	5.4	72.3	13.6	3.09	25	
Z38359 (9981424)	<0.5	7.77	1	388	1.4	3	2.63	<0.5	46	5.5	68.6	3.2	3.46	25	
Z38360 (9981425)	<0.5	7.51	3	384	1.5	2	2.46	<0.5	46	5.9	73.9	5.0	3.37	24	
Z38361 (9981426)	<0.5	6.97	<1	251	1.9	<1	2.53	<0.5	44	5.7	68.5	5.0	3.06	22	
Z38362 (9981427)	<0.5	7.69	2	319	1.8	3	2.68	<0.5	44	5.8	74.9	6.4	3.48	23	
Z38363 (9981428)	<0.5	7.68	<1	340	2.0	<1	2.41	<0.5	43	5.0	63.8	4.8	3.08	22	
Z38364 (9981429)	<0.5	7.56	<1	429	1.4	<1	2.27	<0.5	46	5.9	50.2	8.7	3.35	23	
Z38365 (9981430)	<0.5	7.43	2	382	1.8	2	2.31	<0.5	46	6.1	72.6	6.5	3.30	25	
Z38366 (9981431)	<0.5	7.62	<1	192	1.4	<1	6.67	<0.5	18	37.5	146	109	7.67	35	
Z38367 (9981432)	<0.5	7.89	2	732	1.2	<1	1.46	<0.5	7	0.6	37.2	3.6	0.69	16	
Z38368 (9981433)	<0.5	7.65	<1	343	1.2	1	2.46	<0.5	44	5.3	62.5	19.6	3.38	23	
Z38369 (9981434)	<0.5	7.77	1	309	1.5	<1	2.31	<0.5	34	4.4	59.0	23.4	2.57	22	
Z38370 (9981435)	<0.5	7.18	<1	399	1.5	2	2.70	<0.5	59	8.7	108	22.4	3.49	28	
Z38371 (9981436)	<0.5	8.31	3	329	2.0	1	3.66	<0.5	88	4.1	59.8	28.2	2.54	25	
Z38372 (9981437)	<0.5	0.07	3	19	<0.5	<1	33.5	<0.5	<1	0.7	1.6	<0.5	0.07	11	
Z38373 (9981438)	<0.5	6.97	<1	447	1.7	<1	2.72	<0.5	54	5.8	70.0	11.5	3.20	25	
Z38374 (9981439)	<0.5	2.19	<1	1210	4.2	12	11.4	<0.5	275	52.0	533	77.4	7.55	33	
Z38375 (9981440)	<0.5	7.38	2	470	1.3	2	2.24	<0.5	50	6.8	72.5	4.6	3.39	24	
Z38376 (9981441)	<0.5	6.74	3	496	1.6	3	3.15	<0.5	58	13.1	110	20.7	3.87	30	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T448489

PROJECT: AGAT00580

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 20, 2019	DATE RECEIVED: Mar 20, 2019							DATE REPORTED: Apr 05, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z38377 (9981442)	<0.5	6.76	<1	409	1.7	5	3.15	<0.5	55	13.8	115	33.0	3.99	29	
Z38378 (9981443)	<0.5	6.75	1	413	1.7	<1	3.23	<0.5	55	13.3	115	31.6	3.99	29	
Z38379 (9981444)	<0.5	6.79	2	364	3.3	<1	2.99	<0.5	48	10.3	86.2	4.5	3.55	24	
Z38380 (9981445)	<0.5	7.56	2	410	2.4	2	2.34	<0.5	53	5.8	62.6	3.3	3.34	21	
Z38381 (9981446)	<0.5	3.00	3	414	6.7	11	10.9	<0.5	249	35.8	103	73.2	8.01	35	
Z38382 (9981447)	<0.5	7.71	2	1060	0.8	<1	0.87	<0.5	11	<0.5	36.1	5.8	0.42	14	
Z38383 (9981448)	<0.5	7.54	2	663	1.1	<1	1.11	<0.5	16	0.5	33.9	5.9	0.58	16	
Z38384 (9981449)	<0.5	7.33	2	660	1.2	<1	1.11	<0.5	7	<0.5	36.0	5.6	0.52	15	
Z38385 (9981450)	<0.5	7.24	1	906	0.9	<1	1.09	<0.5	4	<0.5	39.1	5.0	0.66	13	
Z38386 (9981451)	<0.5	7.09	1	139	0.8	3	6.75	<0.5	7	41.3	136	149	7.68	37	
Z38387 (9981452)	<0.5	7.16	<1	211	1.7	2	2.22	<0.5	38	5.4	59.1	36.6	3.69	25	
Z38388 (9981453)	<0.5	8.28	<1	172	1.6	2	2.49	<0.5	11	4.3	43.5	70.1	1.47	20	
Z38389 (9981454)	<0.5	7.46	<1	319	1.6	<1	2.09	<0.5	41	6.4	52.4	11.6	3.23	22	
Z38390 (9981455)	<0.5	7.72	<1	327	1.6	<1	2.52	<0.5	52	6.4	56.6	20.2	3.41	21	
Z38391 (9981456)	<0.5	7.21	<1	327	1.3	<1	2.31	<0.5	43	5.3	66.8	11.0	3.12	21	
Z38392 (9981457)	<0.5	0.07	2	20	<0.5	<1	34.1	<0.5	<1	0.7	2.1	<0.5	0.07	10	
Z38393 (9981458)	<0.5	7.47	2	288	1.3	2	2.75	<0.5	46	5.6	63.8	13.1	3.71	22	
Z38394 (9981459)	<0.5	7.14	1	305	2.3	3	3.63	<0.5	58	12.9	90.5	28.7	4.32	28	
Z38395 (9981460)	<0.5	7.58	<1	355	1.5	<1	2.33	<0.5	48	6.7	52.6	59.2	3.04	22	
Z38396 (9981461)	<0.5	7.83	1	328	1.4	<1	2.64	<0.5	50	7.1	55.4	60.3	3.39	24	
Z38397 (9981462)	<0.5	7.71	<1	296	1.1	2	2.53	<0.5	47	6.0	51.5	31.1	3.28	24	
Z38398 (9981463)	<0.5	7.42	2	275	1.2	<1	2.45	<0.5	45	6.3	55.1	27.5	3.15	22	
Z38399 (9981464)	<0.5	7.24	2	292	1.4	2	2.31	<0.5	44	7.1	46.7	49.8	3.11	23	
Z38400 (9981465)	<0.5	6.28	<1	336	2.5	<1	4.33	<0.5	55	14.8	94.3	27.1	4.72	29	
Z38401 (9981466)	<0.5	7.03	1	301	1.6	<1	2.50	<0.5	44	5.3	56.8	4.8	2.97	22	
Z38402 (9981467)	<0.5	7.43	2	244	1.5	<1	2.30	<0.5	47	7.1	50.5	19.6	3.32	23	
Z38403 (9981468)	<0.5	7.58	4	277	1.3	<1	2.24	<0.5	41	4.7	54.7	11.7	2.44	20	
Z38404 (9981469)	<0.5	7.61	2	356	1.4	<1	2.07	<0.5	52	6.0	66.1	23.5	2.97	24	
Z38405 (9981470)	<0.5	7.50	<1	326	1.2	1	2.39	<0.5	46	5.3	56.1	10.4	3.48	22	
Z38406 (9981471)	<0.5	7.28	2	182	1.5	<1	6.52	<0.5	17	37.9	132	104	7.34	36	
Z38407 (9981472)	<0.5	7.59	2	334	1.3	<1	2.43	<0.5	48	5.5	55.3	6.3	3.38	22	
Z38408 (9981473)	<0.5	7.67	<1	358	1.3	1	2.41	<0.5	50	5.7	58.8	11.6	3.33	22	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T448489

PROJECT: AGAT00580

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 20, 2019	DATE RECEIVED: Mar 20, 2019					DATE REPORTED: Apr 05, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z38409 (9981474)	<0.5	7.12	<1	341	1.2	<1	2.33	<0.5	41	4.9	58.5	6.0	3.24	20	
Z38410 (9981475)	<0.5	7.48	<1	401	1.0	4	2.48	<0.5	47	5.6	58.7	18.0	3.48	24	
Z38411 (9981476)	<0.5	3.20	<1	898	4.2	6	6.88	<0.5	116	59.0	640	83.8	7.76	40	
Z38412 (9981477)	<0.5	0.06	1	13	<0.5	<1	32.2	<0.5	<1	0.8	4.0	<0.5	0.12	13	
Z38413 (9981478)	<0.5	7.35	<1	366	1.2	<1	2.45	<0.5	50	5.7	58.1	5.8	3.17	24	
Z38414 (9981479)	<0.5	7.34	<1	346	1.3	<1	2.32	<0.5	50	6.6	54.5	37.1	3.54	24	
Z38415 (9981480)	<0.5	7.27	<1	355	1.2	<1	2.12	<0.5	50	8.0	58.9	42.2	3.77	25	
Z38416 (9981481)	<0.5	7.53	<1	342	1.3	<1	1.97	<0.5	47	5.6	50.4	28.7	4.02	23	

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## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 20, 2019	DATE RECEIVED: Mar 20, 2019					DATE REPORTED: Apr 05, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
Z38345 (9981410)	<1	1.10	21	27	0.55	597	3.8	2.99	5.4	553	<20	<50	0.04	<1	
Z38346 (9981411)	<1	0.20	4	11	4.24	1400	<0.5	2.24	90.2	420	<20	<50	0.15	<1	
Z38347 (9981412)	<1	1.32	19	24	0.57	588	7.7	3.08	5.6	496	<20	<50	0.01	<1	
Z38348 (9981413)	<1	1.19	21	34	0.53	659	5.2	3.02	5.2	575	<20	<50	0.01	<1	
Z38349 (9981414)	<1	1.35	20	27	0.56	769	7.2	3.25	5.8	519	<20	<50	0.02	1	
Z38350 (9981415)	<1	3.10	15	42	0.54	634	4.3	3.43	4.6	6480	<20	<50	0.02	<1	
Z38351 (9981416)	<1	1.14	20	29	0.58	762	7.5	3.00	6.3	517	<20	<50	0.01	<1	
Z38352 (9981417)	<1	0.05	2	<1	2.23	52	0.8	0.06	<0.5	80	<20	<50	0.02	<1	
Z38353 (9981418)	<1	1.14	21	31	0.58	824	4.6	2.91	5.9	516	<20	<50	0.02	<1	
Z38354 (9981419)	<1	1.27	21	35	0.64	848	8.2	2.94	7.5	538	<20	<50	0.07	<1	
Z38355 (9981420)	<1	1.63	17	31	0.47	794	5.2	3.22	5.2	379	<20	<50	0.02	<1	
Z38356 (9981421)	<1	1.41	7	34	0.52	622	7.6	3.27	4.9	668	<20	<50	0.08	<1	
Z38357 (9981422)	<1	1.33	15	37	0.57	586	5.3	3.04	5.0	539	<20	<50	0.02	<1	
Z38358 (9981423)	<1	1.41	13	39	0.58	578	8.5	3.18	5.1	501	<20	<50	0.03	2	
Z38359 (9981424)	<1	1.15	20	32	0.59	784	8.3	3.08	5.4	541	<20	<50	0.01	<1	
Z38360 (9981425)	<1	1.20	21	30	0.56	888	10.4	3.10	6.6	532	<20	<50	0.02	1	
Z38361 (9981426)	<1	1.73	20	13	0.64	701	5.8	3.15	9.5	396	<20	<50	0.01	<1	
Z38362 (9981427)	<1	1.28	19	26	0.61	660	8.8	3.14	6.8	517	<20	<50	0.01	<1	
Z38363 (9981428)	<1	1.31	19	35	0.53	664	6.3	3.12	5.4	550	<20	<50	0.01	<1	
Z38364 (9981429)	<1	1.33	20	38	0.65	601	7.6	2.93	6.0	530	<20	<50	0.02	<1	
Z38365 (9981430)	<1	1.23	21	36	0.58	583	6.3	2.99	6.1	552	<20	<50	0.02	<1	
Z38366 (9981431)	<1	0.45	10	10	4.45	1380	<0.5	2.36	107	847	<20	<50	0.09	2	
Z38367 (9981432)	<1	3.87	3	8	0.10	144	10.0	3.01	1.5	401	<20	<50	<0.01	<1	
Z38368 (9981433)	<1	1.20	20	38	0.56	730	6.4	3.02	5.8	578	<20	<50	0.03	<1	
Z38369 (9981434)	<1	1.25	15	36	0.49	568	9.0	3.34	5.6	670	<20	<50	0.04	2	
Z38370 (9981435)	<1	1.32	27	36	1.15	924	4.6	2.92	32.9	663	<20	<50	0.05	<1	
Z38371 (9981436)	<1	1.47	34	36	0.55	515	4.8	3.91	4.1	6540	22	<50	0.04	<1	
Z38372 (9981437)	<1	0.02	3	<1	2.14	38	0.7	0.04	<0.5	80	<20	<50	0.02	<1	
Z38373 (9981438)	<1	1.14	26	43	0.88	753	13.4	3.11	14.3	683	<20	<50	0.03	<1	
Z38374 (9981439)	<1	1.87	140	44	9.91	1910	0.9	0.62	480	3130	24	<50	0.15	<1	
Z38375 (9981440)	<1	1.14	23	44	1.14	554	7.9	2.98	15.6	611	<20	<50	0.02	<1	
Z38376 (9981441)	<1	1.22	27	36	1.83	675	6.1	2.99	71.0	816	<20	<50	0.08	1	

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T448489

PROJECT: AGAT00580

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 20, 2019

DATE RECEIVED: Mar 20, 2019

DATE REPORTED: Apr 05, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
Z38377 (9981442)		<1	1.17	25	36	1.59	877	6.9	3.14	76.3	727	<20	<50	0.08	<1
Z38378 (9981443)		<1	1.17	25	36	1.64	893	3.9	3.19	79.8	733	<20	<50	0.08	<1
Z38379 (9981444)		<1	0.93	23	51	1.09	619	7.5	3.20	41.1	769	<20	<50	0.04	<1
Z38380 (9981445)		<1	1.33	25	41	0.86	607	7.3	3.66	8.1	656	<20	<50	0.05	2
Z38381 (9981446)		<1	1.65	118	37	5.67	2140	2.9	1.97	101	3560	<20	<50	0.17	<1
Z38382 (9981447)		<1	5.70	5	4	0.05	267	6.5	2.24	2.8	100	23	<50	0.01	<1
Z38383 (9981448)		<1	4.28	8	7	0.14	154	7.0	2.88	2.8	98	<20	<50	0.01	<1
Z38384 (9981449)		<1	3.72	3	7	0.09	206	6.1	2.88	2.3	43	<20	<50	<0.01	<1
Z38385 (9981450)		<1	4.27	<2	3	0.05	778	9.2	2.44	2.0	53	20	<50	0.01	<1
Z38386 (9981451)		<1	0.20	4	11	4.27	1400	<0.5	2.18	88.7	398	<20	<50	0.15	2
Z38387 (9981452)		<1	1.32	17	30	0.67	1170	7.3	3.12	5.2	441	<20	<50	0.06	<1
Z38388 (9981453)		<1	0.97	5	16	0.45	980	5.3	4.17	6.0	90	<20	<50	0.10	<1
Z38389 (9981454)		<1	1.22	19	31	0.68	785	7.4	3.21	7.8	482	<20	<50	0.03	<1
Z38390 (9981455)		<1	1.29	23	27	0.65	789	5.7	3.36	8.1	564	<20	<50	0.05	<1
Z38391 (9981456)		<1	1.09	19	32	0.49	1490	9.4	2.85	6.0	488	<20	<50	0.02	<1
Z38392 (9981457)		<1	0.02	2	<1	1.98	44	0.6	0.04	<0.5	98	<20	<50	0.01	<1
Z38393 (9981458)		<1	0.94	20	31	0.56	3060	5.6	2.73	5.0	484	<20	<50	0.03	<1
Z38394 (9981459)		<1	1.29	27	30	1.43	1370	6.7	3.24	50.2	783	<20	<50	0.07	<1
Z38395 (9981460)		<1	1.20	22	27	0.63	716	5.9	3.21	6.4	536	<20	<50	0.14	<1
Z38396 (9981461)		<1	1.33	22	32	0.61	908	7.1	3.04	6.2	553	<20	<50	0.14	<1
Z38397 (9981462)		<1	1.19	21	33	0.58	868	9.1	3.02	6.0	519	<20	<50	0.08	<1
Z38398 (9981463)		<1	1.10	21	30	0.54	857	8.3	2.95	6.3	544	<20	<50	0.08	<1
Z38399 (9981464)		<1	1.50	21	26	0.71	776	7.3	3.02	9.1	436	<20	<50	0.14	<1
Z38400 (9981465)		<1	1.60	26	49	2.09	1180	3.9	2.62	62.8	994	<20	<50	0.06	<1
Z38401 (9981466)		<1	1.02	19	27	0.60	933	11.4	2.74	5.6	469	<20	<50	0.02	<1
Z38402 (9981467)		<1	1.21	22	22	0.61	845	4.9	3.40	10.4	379	<20	<50	0.08	<1
Z38403 (9981468)		<1	1.11	19	22	0.45	624	7.4	3.41	5.0	415	<20	<50	0.03	<1
Z38404 (9981469)		<1	1.15	23	31	0.57	745	4.9	3.10	5.8	516	<20	<50	0.06	<1
Z38405 (9981470)		<1	1.20	20	32	0.55	1000	7.9	2.83	4.5	530	<20	<50	0.03	<1
Z38406 (9981471)		<1	0.43	10	9	4.22	1320	<0.5	2.28	106	832	<20	<50	0.08	<1
Z38407 (9981472)		<1	1.28	22	35	0.55	1260	6.7	2.98	5.7	550	<20	<50	0.02	<1
Z38408 (9981473)		<1	1.27	22	36	0.59	1330	10.2	2.91	5.5	586	<20	<50	0.04	<1

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T448489

PROJECT: AGAT00580

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 20, 2019	DATE RECEIVED: Mar 20, 2019					DATE REPORTED: Apr 05, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
Z38409 (9981474)	<1	1.12	18	25	0.62	1250	7.0	2.75	5.4	536	<20	<50	0.02	<1	
Z38410 (9981475)	<1	1.21	21	29	0.87	965	7.6	3.16	13.8	635	<20	<50	0.07	<1	
Z38411 (9981476)	<1	1.87	62	22	10.3	1400	2.0	1.12	492	1530	<20	<50	0.15	2	
Z38412 (9981477)	<1	0.01	3	1	3.04	72	1.1	0.04	0.7	68	<20	<50	0.02	<1	
Z38413 (9981478)	<1	1.14	23	26	0.68	972	7.4	2.99	11.4	598	<20	<50	0.04	<1	
Z38414 (9981479)	<1	1.31	23	29	0.67	876	5.0	2.90	11.4	577	<20	<50	0.13	<1	
Z38415 (9981480)	<1	1.17	22	35	0.86	952	7.6	2.90	18.8	586	<20	<50	0.16	<1	
Z38416 (9981481)	<1	1.19	21	34	0.79	1140	4.6	3.03	5.9	528	<20	<50	0.09	<1	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 20, 2019

DATE RECEIVED: Mar 20, 2019

DATE REPORTED: Apr 05, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Z38345 (9981410)	9	<10	<5	148	<10	<10	<5	0.25	<5	<50	26.2	<1	27	98.7
Z38346 (9981411)	44	<10	<5	109	<10	<10	<5	0.65	<5	<50	311	<1	22	76.7
Z38347 (9981412)	9	<10	<5	145	<10	<10	<5	0.24	<5	<50	26.8	<1	24	88.0
Z38348 (9981413)	10	<10	<5	139	<10	<10	<5	0.23	<5	<50	26.3	2	25	90.8
Z38349 (9981414)	9	<10	<5	148	<10	<10	<5	0.22	<5	<50	25.4	<1	24	88.7
Z38350 (9981415)	8	<10	<5	114	<10	<10	<5	0.22	7	<50	27.5	<1	71	118
Z38351 (9981416)	9	<10	5	149	<10	<10	<5	0.25	<5	<50	30.4	<1	25	86.7
Z38352 (9981417)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	7.9	<1	2	4.0
Z38353 (9981418)	9	<10	<5	167	<10	<10	<5	0.24	<5	<50	27.1	<1	25	82.2
Z38354 (9981419)	9	<10	<5	180	<10	<10	<5	0.25	<5	<50	30.2	2	24	118
Z38355 (9981420)	8	<10	<5	138	<10	<10	<5	0.18	<5	<50	23.0	<1	19	83.4
Z38356 (9981421)	8	<10	5	129	<10	<10	<5	0.23	<5	<50	22.4	<1	14	110
Z38357 (9981422)	9	<10	<5	146	<10	<10	<5	0.24	<5	<50	25.3	<1	19	88.4
Z38358 (9981423)	8	<10	<5	149	<10	<10	<5	0.25	<5	<50	23.9	<1	17	89.9
Z38359 (9981424)	9	<10	<5	178	<10	<10	<5	0.25	<5	<50	26.7	1	25	71.9
Z38360 (9981425)	9	<10	<5	156	<10	<10	<5	0.24	<5	<50	26.7	<1	25	68.1
Z38361 (9981426)	10	<10	<5	159	<10	<10	<5	0.17	<5	<50	41.1	<1	19	46.7
Z38362 (9981427)	9	<10	<5	163	<10	<10	<5	0.24	<5	<50	29.2	<1	25	73.3
Z38363 (9981428)	9	<10	<5	148	<10	<10	<5	0.23	<5	<50	27.4	<1	23	74.2
Z38364 (9981429)	9	<10	<5	152	<10	<10	<5	0.24	<5	<50	26.0	<1	26	68.3
Z38365 (9981430)	10	<10	<5	141	<10	<10	<5	0.25	<5	<50	28.6	<1	26	81.3
Z38366 (9981431)	33	<10	<5	247	<10	<10	<5	0.85	<5	<50	245	<1	21	87.3
Z38367 (9981432)	1	<10	<5	127	<10	<10	<5	0.04	<5	<50	4.6	<1	9	18.8
Z38368 (9981433)	9	<10	<5	151	<10	<10	<5	0.25	<5	<50	26.3	<1	25	121
Z38369 (9981434)	6	<10	<5	169	<10	<10	<5	0.20	<5	<50	21.3	<1	18	96.6
Z38370 (9981435)	10	<10	<5	195	<10	<10	<5	0.37	<5	<50	42.3	<1	26	133
Z38371 (9981436)	6	<10	<5	178	<10	<10	<5	0.19	<5	<50	20.4	<1	79	155
Z38372 (9981437)	<1	<10	<5	71	<10	<10	<5	<0.01	6	<50	7.9	<1	2	3.4
Z38373 (9981438)	8	<10	<5	262	<10	<10	<5	0.26	<5	<50	30.6	2	23	93.9
Z38374 (9981439)	18	<10	5	1430	<10	47	<5	1.34	<5	<50	203	1	29	90.5
Z38375 (9981440)	9	<10	<5	184	<10	<10	<5	0.27	<5	<50	30.7	<1	25	99.6
Z38376 (9981441)	10	<10	<5	253	<10	13	<5	0.45	<5	<50	58.0	1	22	85.8

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T448489

PROJECT: AGAT00580

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 20, 2019	DATE RECEIVED: Mar 20, 2019					DATE REPORTED: Apr 05, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Z38377 (9981442)	11	<10	<5	218	<10	<10	<5	0.47	<5	<50	60.1	2	25	117	
Z38378 (9981443)	11	<10	<5	224	<10	<10	<5	0.48	<5	<50	60.8	2	26	118	
Z38379 (9981444)	12	<10	<5	208	<10	<10	<5	0.29	<5	<50	43.2	<1	26	87.3	
Z38380 (9981445)	9	<10	<5	192	<10	<10	<5	0.25	<5	<50	39.0	<1	23	106	
Z38381 (9981446)	34	<10	<5	999	<10	24	<5	0.88	<5	<50	206	2	67	88.2	
Z38382 (9981447)	<1	<10	<5	136	<10	<10	<5	0.01	<5	<50	3.5	<1	11	15.9	
Z38383 (9981448)	1	<10	<5	123	<10	<10	5	0.03	<5	<50	7.0	1	5	14.0	
Z38384 (9981449)	<1	<10	<5	126	<10	<10	<5	0.02	<5	<50	4.1	<1	4	16.0	
Z38385 (9981450)	2	<10	<5	127	<10	<10	<5	0.01	<5	<50	2.8	<1	17	16.5	
Z38386 (9981451)	44	<10	<5	105	<10	<10	<5	0.64	<5	<50	316	2	21	76.3	
Z38387 (9981452)	8	<10	<5	122	<10	<10	<5	0.24	<5	<50	28.6	<1	22	165	
Z38388 (9981453)	3	<10	<5	162	<10	<10	<5	0.07	<5	<50	10.6	1	22	47.1	
Z38389 (9981454)	9	<10	<5	141	<10	<10	<5	0.23	<5	<50	27.7	<1	23	82.8	
Z38390 (9981455)	8	<10	<5	162	<10	<10	<5	0.28	<5	<50	31.9	<1	22	74.4	
Z38391 (9981456)	8	<10	<5	148	<10	<10	<5	0.22	<5	<50	25.5	<1	31	84.7	
Z38392 (9981457)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	8.0	<1	2	3.4	
Z38393 (9981458)	9	<10	<5	146	<10	<10	<5	0.24	<5	<50	24.6	<1	28	84.6	
Z38394 (9981459)	10	<10	<5	251	<10	<10	<5	0.42	<5	<50	68.3	<1	29	68.7	
Z38395 (9981460)	7	<10	<5	155	<10	<10	<5	0.24	<5	<50	25.4	1	19	79.7	
Z38396 (9981461)	9	<10	<5	163	<10	<10	<5	0.25	<5	<50	27.5	<1	24	84.8	
Z38397 (9981462)	9	<10	<5	177	<10	<10	<5	0.25	<5	<50	27.1	<1	25	91.7	
Z38398 (9981463)	9	<10	<5	170	<10	<10	<5	0.24	<5	<50	27.2	1	26	85.7	
Z38399 (9981464)	8	<10	<5	156	<10	<10	<5	0.20	<5	<50	27.6	<1	20	76.9	
Z38400 (9981465)	19	<10	<5	272	<10	12	<5	0.50	<5	<50	94.6	<1	27	71.4	
Z38401 (9981466)	12	<10	<5	149	<10	<10	<5	0.21	<5	<50	24.5	<1	28	57.5	
Z38402 (9981467)	7	<10	<5	127	<10	<10	<5	0.20	<5	<50	28.8	<1	19	37.0	
Z38403 (9981468)	9	<10	<5	151	<10	<10	<5	0.16	<5	<50	20.0	<1	19	30.0	
Z38404 (9981469)	8	<10	<5	169	<10	<10	<5	0.22	<5	<50	24.6	<1	23	43.0	
Z38405 (9981470)	10	<10	<5	145	<10	<10	<5	0.25	<5	<50	25.6	<1	27	54.9	
Z38406 (9981471)	32	<10	<5	238	<10	17	<5	0.82	<5	<50	242	<1	21	84.3	
Z38407 (9981472)	10	<10	<5	149	<10	<10	<5	0.25	<5	<50	28.1	<1	27	55.8	
Z38408 (9981473)	9	<10	<5	154	<10	<10	<5	0.26	<5	<50	24.9	<1	29	61.5	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T448489

PROJECT: AGAT00580

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 20, 2019	DATE RECEIVED: Mar 20, 2019					DATE REPORTED: Apr 05, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Z38409 (9981474)	10	<10	<5	147	<10	<10	<5	0.23	<5	<50	25.4	<1	28	51.0	
Z38410 (9981475)	10	<10	<5	182	<10	<10	<5	0.31	<5	<50	32.6	<1	27	72.4	
Z38411 (9981476)	19	<10	<5	822	<10	61	<5	1.56	<5	<50	255	2	21	77.0	
Z38412 (9981477)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	7.5	<1	2	4.1	
Z38413 (9981478)	10	<10	<5	153	<10	<10	<5	0.26	<5	<50	30.3	<1	29	64.5	
Z38414 (9981479)	9	<10	<5	148	<10	<10	<5	0.27	<5	<50	30.2	<1	25	67.2	
Z38415 (9981480)	10	<10	<5	155	<10	<10	<5	0.27	<5	<50	33.3	<1	29	65.4	
Z38416 (9981481)	10	<10	<5	125	<10	<10	<5	0.25	<5	<50	27.1	<1	31	64.9	

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## Certificate of Analysis

AGAT WORK ORDER: 19T448489

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 20, 2019      DATE RECEIVED: Mar 20, 2019      DATE REPORTED: Apr 05, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
Z38345 (9981410)				170
Z38346 (9981411)				57
Z38347 (9981412)				166
Z38348 (9981413)				171
Z38349 (9981414)				167
Z38350 (9981415)				80
Z38351 (9981416)				154
Z38352 (9981417)				<5
Z38353 (9981418)				157
Z38354 (9981419)				156
Z38355 (9981420)				153
Z38356 (9981421)				171
Z38357 (9981422)				183
Z38358 (9981423)				164
Z38359 (9981424)				178
Z38360 (9981425)				189
Z38361 (9981426)				115
Z38362 (9981427)				162
Z38363 (9981428)				177
Z38364 (9981429)				181
Z38365 (9981430)				179
Z38366 (9981431)				90
Z38367 (9981432)				41
Z38368 (9981433)				168
Z38369 (9981434)				131
Z38370 (9981435)				161
Z38371 (9981436)				58
Z38372 (9981437)				<5
Z38373 (9981438)				169
Z38374 (9981439)				36
Z38375 (9981440)				181
Z38376 (9981441)				184

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T448489

PROJECT: AGAT00580

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 20, 2019

DATE RECEIVED: Mar 20, 2019

DATE REPORTED: Apr 05, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Zr
	Unit:	ppm
	RDL:	5
Z38377 (9981442)		168
Z38378 (9981443)		179
Z38379 (9981444)		116
Z38380 (9981445)		172
Z38381 (9981446)		76
Z38382 (9981447)		14
Z38383 (9981448)		26
Z38384 (9981449)		19
Z38385 (9981450)		35
Z38386 (9981451)		56
Z38387 (9981452)		204
Z38388 (9981453)		114
Z38389 (9981454)		170
Z38390 (9981455)		179
Z38391 (9981456)		159
Z38392 (9981457)		<5
Z38393 (9981458)		176
Z38394 (9981459)		151
Z38395 (9981460)		183
Z38396 (9981461)		185
Z38397 (9981462)		177
Z38398 (9981463)		177
Z38399 (9981464)		161
Z38400 (9981465)		171
Z38401 (9981466)		162
Z38402 (9981467)		136
Z38403 (9981468)		128
Z38404 (9981469)		204
Z38405 (9981470)		172
Z38406 (9981471)		85
Z38407 (9981472)		166
Z38408 (9981473)		191

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T448489

PROJECT: AGAT00580

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 20, 2019

DATE RECEIVED: Mar 20, 2019

DATE REPORTED: Apr 05, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
Z38409 (9981474)				153
Z38410 (9981475)				177
Z38411 (9981476)				54
Z38412 (9981477)				<5
Z38413 (9981478)				174
Z38414 (9981479)				172
Z38415 (9981480)				182
Z38416 (9981481)				171

Comments: RDL - Reported Detection Limit

9981410-9981481 As, Sb values may be low due to digestion losses.

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T448489

PROJECT: AGAT00580

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 20, 2019      DATE RECEIVED: Mar 20, 2019      DATE REPORTED: Apr 05, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
Z38345 (9981410)			0.001
Z38346 (9981411)			0.513
Z38347 (9981412)			<0.001
Z38348 (9981413)			<0.001
Z38349 (9981414)			<0.001
Z38350 (9981415)			<0.001
Z38351 (9981416)			<0.001
Z38352 (9981417)			<0.001
Z38353 (9981418)			<0.001
Z38354 (9981419)			<0.001
Z38355 (9981420)			<0.001
Z38356 (9981421)			<0.001
Z38357 (9981422)			0.001
Z38358 (9981423)			0.003
Z38359 (9981424)			<0.001
Z38360 (9981425)			<0.001
Z38361 (9981426)			<0.001
Z38362 (9981427)			<0.001
Z38363 (9981428)			<0.001
Z38364 (9981429)			0.001
Z38365 (9981430)			<0.001
Z38366 (9981431)			0.335
Z38367 (9981432)			0.002
Z38368 (9981433)			<0.001
Z38369 (9981434)			<0.001
Z38370 (9981435)			<0.001
Z38371 (9981436)			<0.001
Z38372 (9981437)			<0.001
Z38373 (9981438)			<0.001
Z38374 (9981439)			0.001
Z38375 (9981440)			<0.001
Z38376 (9981441)			0.006

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T448489

PROJECT: AGAT00580

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 20, 2019      DATE RECEIVED: Mar 20, 2019      DATE REPORTED: Apr 05, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
Z38377 (9981442)		0.002	
Z38378 (9981443)		0.003	
Z38379 (9981444)		<0.001	
Z38380 (9981445)		0.001	
Z38381 (9981446)		0.002	
Z38382 (9981447)		<0.001	
Z38383 (9981448)		<0.001	
Z38384 (9981449)		<0.001	
Z38385 (9981450)		<0.001	
Z38386 (9981451)		0.531	
Z38387 (9981452)		<0.001	
Z38388 (9981453)		0.002	
Z38389 (9981454)		0.001	
Z38390 (9981455)		<0.001	
Z38391 (9981456)		0.001	
Z38392 (9981457)		<0.001	
Z38393 (9981458)		<0.001	
Z38394 (9981459)		0.002	
Z38395 (9981460)		0.001	
Z38396 (9981461)		<0.001	
Z38397 (9981462)		<0.001	
Z38398 (9981463)		0.002	
Z38399 (9981464)		<0.001	
Z38400 (9981465)		<0.001	
Z38401 (9981466)		<0.001	
Z38402 (9981467)		<0.001	
Z38403 (9981468)		<0.001	
Z38404 (9981469)		<0.001	
Z38405 (9981470)		<0.001	
Z38406 (9981471)		0.341	
Z38407 (9981472)		<0.001	
Z38408 (9981473)		0.004	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T448489

PROJECT: AGAT00580

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 20, 2019      DATE RECEIVED: Mar 20, 2019      DATE REPORTED: Apr 05, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
Z38409 (9981474)			<0.001
Z38410 (9981475)			0.002
Z38411 (9981476)			0.001
Z38412 (9981477)			<0.001
Z38413 (9981478)			<0.001
Z38414 (9981479)			0.002
Z38415 (9981480)			0.002
Z38416 (9981481)			0.005

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T448489

PROJECT: AGAT00580

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 20, 2019

DATE RECEIVED: Mar 20, 2019

DATE REPORTED: Apr 05, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
Z38345 (9981410)		86
Z38364 (9981429)		84
Z38376 (9981441)		83
Z38384 (9981449)		81
Z38404 (9981469)		84

Comments: RDL - Reported Detection Limit

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	9981410	< 0.5	< 0.5	0.0%	9981424	< 0.5	< 0.5	0.0%	9981435	< 0.5	< 0.5	0.0%	9981449	< 0.5	< 0.5	0.0%
Al	9981410	7.52	7.72	2.6%	9981424	7.77	7.55	2.9%	9981435	7.18	7.58	5.4%	9981449	7.33	7.20	1.8%
As	9981410	< 1	< 1	0.0%	9981424	1	2		9981435	< 1	2		9981449	2	2	0.0%
Ba	9981410	369	355	3.9%	9981424	388	377	2.9%	9981435	399	415	3.9%	9981449	660	629	4.8%
Be	9981410	1.9	1.9	0.0%	9981424	1.4	1.4	0.0%	9981435	1.5	1.5	0.0%	9981449	1.2	1.2	0.0%
Bi	9981410	< 1	2		9981424	3	2		9981435	2	2	0.0%	9981449	< 1	< 1	0.0%
Ca	9981410	2.59	2.98	14.0%	9981424	2.63	2.57	2.3%	9981435	2.70	2.88	6.5%	9981449	1.11	1.10	0.9%
Cd	9981410	< 0.5	< 0.5	0.0%	9981424	< 0.5	< 0.5	0.0%	9981435	< 0.5	< 0.5	0.0%	9981449	< 0.5	< 0.5	0.0%
Ce	9981410	46	45	2.2%	9981424	46	46	0.0%	9981435	59	54	8.8%	9981449	7	7	0.0%
Co	9981410	6.4	6.04	6.3%	9981424	5.48	5.33	2.8%	9981435	8.7	9.0	3.4%	9981449	< 0.5	< 0.5	0.0%
Cr	9981410	39.1	45	14.0%	9981424	68.6	71.7	4.4%	9981435	108	111	2.7%	9981449	36.0	36.3	0.8%
Cu	9981410	24.6	22.8	7.6%	9981424	3.2	3.1	3.2%	9981435	22.4	25.4	12.6%	9981449	5.63	4.83	15.3%
Fe	9981410	3.36	3.25	3.3%	9981424	3.46	3.36	2.9%	9981435	3.49	3.49	0.0%	9981449	0.52	0.52	0.0%
Ga	9981410	23	23	0.0%	9981424	25	21	17.4%	9981435	28	25	11.3%	9981449	15	14	6.9%
In	9981410	< 1	< 1	0.0%	9981424	< 1	< 1	0.0%	9981435	< 1	< 1	0.0%	9981449	< 1	< 1	0.0%
K	9981410	1.10	1.11	0.9%	9981424	1.15	1.12	2.6%	9981435	1.32	1.34	1.5%	9981449	3.72	3.68	1.1%
La	9981410	21	20	4.9%	9981424	20	21	4.9%	9981435	27	25	7.7%	9981449	3	4	28.6%
Li	9981410	27	27	0.0%	9981424	32	31	3.2%	9981435	36	37	2.7%	9981449	7	6	15.4%
Mg	9981410	0.55	0.55	0.0%	9981424	0.59	0.57	3.4%	9981435	1.15	1.16	0.9%	9981449	0.09	0.09	0.0%
Mn	9981410	597	566	5.3%	9981424	784	766	2.3%	9981435	924	904	2.2%	9981449	206	199	3.5%
Mo	9981410	3.8	5.5		9981424	8.3	9.4	12.4%	9981435	4.6	5.5	17.8%	9981449	6.1	6.1	0.0%
Na	9981410	2.99	2.93	2.0%	9981424	3.08	3.03	1.6%	9981435	2.92	3.12	6.6%	9981449	2.88	2.75	4.6%
Ni	9981410	5.4	6.5	18.5%	9981424	5.4	5.2	3.8%	9981435	32.9	31.4	4.7%	9981449	2.34	2.42	3.4%
P	9981410	553	528	4.6%	9981424	541	546	0.9%	9981435	663	640	3.5%	9981449	43	45	4.5%
Pb	9981410	< 20	< 20	0.0%	9981424	< 20	< 20	0.0%	9981435	< 20	< 20	0.0%	9981449	< 20	< 20	0.0%
Rb	9981410	< 50	< 50	0.0%	9981424	< 50	< 50	0.0%	9981435	< 50	< 50	0.0%	9981449	< 50	< 50	0.0%
S	9981410	0.04	0.04	0.0%	9981424	0.01	0.01	0.0%	9981435	0.05	0.05	0.0%	9981449	< 0.01	< 0.01	0.0%
Sb	9981410	< 1	< 1	0.0%	9981424	< 1	< 1	0.0%	9981435	< 1	< 1	0.0%	9981449	< 1	< 1	0.0%
Sc	9981410	9	9	0.0%	9981424	9	9	0.0%	9981435	10	10	0.0%	9981449	< 1	< 1	0.0%
Se	9981410	< 10	< 10	0.0%	9981424	< 10	< 10	0.0%	9981435	< 10	< 10	0.0%	9981449	< 10	< 10	0.0%
Sn	9981410	< 5	< 5	0.0%	9981424	< 5	< 5	0.0%	9981435	< 5	< 5	0.0%	9981449	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	9981410	148	146	1.4%	9981424	178	174	2.3%	9981435	195	206	5.5%	9981449	126	120	4.9%
Ta	9981410	< 10	< 10	0.0%	9981424	< 10	< 10	0.0%	9981435	< 10	< 10	0.0%	9981449	< 10	< 10	0.0%
Te	9981410	< 10	< 10	0.0%	9981424	< 10	< 10	0.0%	9981435	< 10	< 10	0.0%	9981449	< 10	< 10	0.0%
Th	9981410	< 5	< 5	0.0%	9981424	< 5	< 5	0.0%	9981435	< 5	< 5	0.0%	9981449	< 5	< 5	0.0%
Ti	9981410	0.25	0.25	0.0%	9981424	0.25	0.25	0.0%	9981435	0.37	0.37	0.0%	9981449	0.02	0.02	0.0%
Tl	9981410	< 5	< 5	0.0%	9981424	< 5	< 5	0.0%	9981435	< 5	< 5	0.0%	9981449	< 5	< 5	0.0%
U	9981410	< 50	< 50	0.0%	9981424	< 50	< 50	0.0%	9981435	< 50	< 50	0.0%	9981449	< 50	< 50	0.0%
V	9981410	26.2	25.9	1.2%	9981424	26.7	26.8	0.4%	9981435	42.3	43.3	2.3%	9981449	4.1	4.0	2.5%
W	9981410	< 1	< 1	0.0%	9981424	1	< 1		9981435	< 1	< 1	0.0%	9981449	< 1	< 1	0.0%
Y	9981410	27	26	3.8%	9981424	25	25	0.0%	9981435	26	25	3.9%	9981449	4	4	0.0%
Zn	9981410	98.7	94.6	4.2%	9981424	71.9	70.4	2.1%	9981435	133	132	0.8%	9981449	16.0	14.8	7.8%
Zr	9981410	170	163	4.2%	9981424	178	168	5.8%	9981435	161	156	3.2%	9981449	19	21	10.0%

Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	9981460	< 0.5	< 0.5	0.0%	9981474	< 0.5	< 0.5	0.0%								
Al	9981460	7.58	7.54	0.5%	9981474	7.12	7.09	0.4%								
As	9981460	< 1	< 1	0.0%	9981474	< 1	< 1	0.0%								
Ba	9981460	355	354	0.3%	9981474	341	342	0.3%								
Be	9981460	1.54	1.58	2.6%	9981474	1.2	1.2	0.0%								
Bi	9981460	< 1	< 1	0.0%	9981474	< 1	2									
Ca	9981460	2.33	2.32	0.4%	9981474	2.33	2.33	0.0%								
Cd	9981460	< 0.5	< 0.5	0.0%	9981474	< 0.5	< 0.5	0.0%								
Ce	9981460	48	50	4.1%	9981474	41	42	2.4%								
Co	9981460	6.7	6.8	1.5%	9981474	4.93	5.69	14.3%								
Cr	9981460	52.6	60.9	14.6%	9981474	58.5	60.8	3.9%								
Cu	9981460	59.2	60.1	1.5%	9981474	6.0	6.1	1.7%								
Fe	9981460	3.04	3.07	1.0%	9981474	3.24	3.24	0.0%								
Ga	9981460	22	22	0.0%	9981474	20	23	14.0%								
In	9981460	< 1	< 1	0.0%	9981474	< 1	< 1	0.0%								
K	9981460	1.20	1.20	0.0%	9981474	1.12	1.11	0.9%								
La	9981460	22	22	0.0%	9981474	18	19	5.4%								
Li	9981460	27	27	0.0%	9981474	25	25	0.0%								
Mg	9981460	0.631	0.640	1.4%	9981474	0.62	0.62	0.0%								
Mn	9981460	716	716	0.0%	9981474	1250	1260	0.8%								



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Mo	9981460	5.9	7.1	18.5%	9981474	7.02	7.51	6.7%								
Na	9981460	3.21	3.21	0.0%	9981474	2.75	2.76	0.4%								
Ni	9981460	6.4	7.5	15.8%	9981474	5.4	5.4	0.0%								
P	9981460	536	539	0.6%	9981474	536	576	7.2%								
Pb	9981460	< 20	< 20	0.0%	9981474	< 20	< 20	0.0%								
Rb	9981460	< 50	< 50	0.0%	9981474	< 50	< 50	0.0%								
S	9981460	0.138	0.134	2.9%	9981474	0.021	0.025	17.4%								
Sb	9981460	< 1	< 1	0.0%	9981474	< 1	< 1	0.0%								
Sc	9981460	7	7	0.0%	9981474	10	10	0.0%								
Se	9981460	< 10	< 10	0.0%	9981474	< 10	< 10	0.0%								
Sn	9981460	< 5	< 5	0.0%	9981474	< 5	< 5	0.0%								
Sr	9981460	155	155	0.0%	9981474	147	147	0.0%								
Ta	9981460	< 10	< 10	0.0%	9981474	< 10	< 10	0.0%								
Te	9981460	< 10	< 10	0.0%	9981474	< 10	< 10	0.0%								
Th	9981460	< 5	< 5	0.0%	9981474	< 5	< 5	0.0%								
Ti	9981460	0.24	0.24	0.0%	9981474	0.23	0.23	0.0%								
Tl	9981460	< 5	< 5	0.0%	9981474	< 5	< 5	0.0%								
U	9981460	< 50	< 50	0.0%	9981474	< 50	< 50	0.0%								
V	9981460	25.4	26.8	5.4%	9981474	25.4	27.4	7.6%								
W	9981460	1	1	0.0%	9981474	< 1	< 1	0.0%								
Y	9981460	19	20	5.1%	9981474	28	31	10.2%								
Zn	9981460	79.7	81.4	2.1%	9981474	51.0	52.1	2.1%								
Zr	9981460	183	195	6.3%	9981474	153	169	9.9%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	9981410	0.001	< 0.001		9981424	< 0.001	< 0.001	0.0%	9981435	< 0.001	< 0.001	0.0%	9981449	< 0.001	< 0.001	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	9981460	0.001	0.001	0.0%	9981474	< 0.001	< 0.001	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.Till-2)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	11.08	101%	90% - 110%									8.17	8.55	105%	90% - 110%
As													26	28	106%	90% - 110%
Ba	340	318	93%	90% - 110%									540	499	92%	90% - 110%
Be	2.6	2.6	101%	90% - 110%									4.0	3.7	94%	90% - 110%
Ca	5.72	5.68	99%	90% - 110%									0.907	0.93	103%	90% - 110%
Ce	122	115	94%	90% - 110%									98	92	94%	90% - 110%
Cr													60.3	58.5	97%	90% - 110%
Cu	7	6	85%	90% - 110%									150	152	101%	90% - 110%
Fe	4.34	4.1	95%	90% - 110%									3.77	3.72	99%	90% - 110%
Ga	35	34	97%	90% - 110%												
K	1.37	1.45	106%	90% - 110%												
La	58	54	93%	90% - 110%									44	41	94%	90% - 110%
Li	37	37	99%	90% - 110%									47	46	98%	90% - 110%
Mg	0.325	0.311	96%	90% - 110%									1.10	1.12	102%	90% - 110%
Mn					780	793	102%	90% - 110%	1510	1455	96%	90% - 110%				
Mo													14	13	91%	90% - 110%
Na	5.267	5.465	104%	90% - 110%									1.624	1.694	104%	90% - 110%
Ni													32	30	95%	90% - 110%
P					750	699	93%	90% - 110%	892	924	104%	90% - 110%				
Pb													31	31	100%	90% - 110%
Sc													12	12	97%	90% - 110%
Sr	1191	1185	99%	90% - 110%									144	147	102%	90% - 110%
Ti	0.172	0.165	96%	90% - 110%									0.53	0.48	91%	90% - 110%
V	8	7	92%	90% - 110%									77	81	105%	90% - 110%
Y	119	116	97%	90% - 110%												
Zn	93	89	96%	90% - 110%									130	121	93%	90% - 110%
	CRM #5 (ref.GTS-2a)				CRM #6 (ref.SY-4)											
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Al	6.96	6.84	98%	90% - 110%	10.95	10.92	100%	90% - 110%								
As	124	112	91%	90% - 110%												
Ba	186	176	95%	90% - 110%	340	322	95%	90% - 110%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Be					2.6	2.7	104%	90% - 110%								
Ca	4.01	3.87	96%	90% - 110%	5.72	5.78	101%	90% - 110%								
Ce	24	22	92%	90% - 110%	122	116	95%	90% - 110%								
Co	22.1	21.8	99%	90% - 110%												
Cu	88.6	80.1	90%	90% - 110%	7	7	100%	90% - 110%								
Fe	7.56	7.1	94%	90% - 110%	4.34	4.02	93%	90% - 110%								
Ga					35	36	103%	90% - 110%								
K	2.021	2.022	100%	90% - 110%	1.37	1.42	104%	90% - 110%								
La					58	54	94%	90% - 110%								
Li					37	36	97%	90% - 110%								
Mg	2.412	2.415	100%	90% - 110%	0.325	0.308	95%	90% - 110%								
Mn	1510	1385	92%	90% - 110%												
Na	0.617	0.614	99%	90% - 110%	5.267	5.399	103%	90% - 110%								
Ni	77.1	78.5	102%	90% - 110%												
P	892	897	101%	90% - 110%												
S	0.348	0.327	94%	90% - 110%												
Sr	92.8	84.9	92%	90% - 110%	1191	1169	98%	90% - 110%								
Ti					0.172	0.163	95%	90% - 110%								
V					8	8	98%	90% - 110%								
Y					119	117	98%	90% - 110%								
Zn	208	197	95%	90% - 110%	93	88	95%	90% - 110%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS5W)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.82	99%	90% - 110%	0.725	0.789	109%	90% - 110%	5.27	5.24	100%	90% - 110%	0.562	0.527	94%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00580  
 SAMPLING SITE:

AGAT WORK ORDER: 19T448489  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00582

AGAT WORK ORDER: 19T448864

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Apr 09, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

# Certificate of Analysis

AGAT WORK ORDER: 19T448864

PROJECT: AGAT00582

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (200-) Sample Login Weight

DATE SAMPLED: Mar 20, 2019

DATE RECEIVED: Mar 21, 2019

DATE REPORTED: Apr 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
Z38417 (9983820)		2.17
Z38418 (9983821)		2.17
Z38419 (9983822)		2.60
Z38420 (9983823)		1.61
Z38421 (9983824)		1.63
Z38422 (9983825)		1.97
Z38423 (9983826)		0.90
Z38424 (9983827)		1.39
Z38425 (9983828)		0.94
Z38426 (9983829)		0.07
Z38427 (9983830)		1.85
Z38428 (9983831)		2.34
Z38429 (9983832)		1.96
Z38430 (9983833)		1.99
Z38431 (9983834)		1.68
Z38432 (9983835)		2.04
Z38433 (9983836)		2.31
Z38434 (9983837)		1.48
Z38435 (9983838)		1.75
Z38436 (9983839)		2.20
Z38437 (9983840)		2.53
Z38438 (9983841)		2.53
Z38439 (9983842)		1.91
Z38440 (9983843)		2.30
Z38441 (9983844)		2.32
Z38442 (9983845)		2.35
Z38443 (9983846)		1.90
Z38444 (9983847)		2.30
Z38445 (9983848)		2.27
Z38446 (9983849)		0.07
Z38447 (9983850)		2.38

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T448864

PROJECT: AGAT00582

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 20, 2019      DATE RECEIVED: Mar 21, 2019      DATE REPORTED: Apr 09, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
Z38448 (9983851)		1.39
Z38449 (9983852)		1.45
Z38450 (9983853)		1.94
Z38451 (9983854)		2.32
Z38452 (9983855)		1.31
Z38453 (9983856)		2.18
Z38454 (9983857)		2.92
Z38455 (9983858)		2.26
Z38456 (9983859)		2.40
Z38457 (9983860)		1.74
Z38458 (9983861)		1.74
Z38459 (9983862)		2.24
Z38460 (9983863)		1.89
Z38461 (9983864)		1.43
Z38462 (9983865)		2.20
Z38463 (9983866)		1.25
Z38464 (9983867)		2.32
Z38465 (9983868)		2.74
Z38466 (9983869)		0.07
Z38467 (9983870)		1.23
Z38468 (9983871)		1.72
Z38469 (9983872)		1.60
Z38470 (9983873)		1.40
Z38471 (9983874)		1.66
Z38472 (9983875)		1.43
Z38473 (9983876)		3.11
Z38474 (9983877)		2.17
Z38475 (9983878)		2.68
Z38476 (9983879)		2.14
Z38477 (9983880)		1.20
Z38478 (9983881)		1.20

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T448864

PROJECT: AGAT00582

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 20, 2019      DATE RECEIVED: Mar 21, 2019      DATE REPORTED: Apr 09, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
Z38479 (9983882)		1.71
Z38480 (9983883)		1.18
Z38481 (9983884)		1.22
Z38482 (9983885)		2.27
Z38483 (9983886)		2.28
Z38484 (9983887)		2.64
Z38485 (9983888)		1.82
Z38486 (9983889)		0.07
Z38487 (9983890)		2.32
Z38488 (9983891)		2.41

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T448864

PROJECT: AGAT00582

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 20, 2019	DATE RECEIVED: Mar 21, 2019							DATE REPORTED: Apr 09, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z38417 (9983820)	<0.5	7.15	4	254	1.1	2	2.32	<0.5	49	6.7	45.8	27.7	3.29	22	
Z38418 (9983821)	<0.5	7.15	1	250	1.0	<1	2.29	<0.5	47	6.5	33.1	29.8	3.23	21	
Z38419 (9983822)	<0.5	4.33	11	564	4.5	<1	6.72	<0.5	65	31.2	185	56.3	5.54	28	
Z38420 (9983823)	<0.5	7.18	2	428	1.6	<1	2.42	<0.5	50	5.8	45.4	14.3	3.37	22	
Z38421 (9983824)	<0.5	6.99	<1	329	0.6	<1	2.28	<0.5	45	6.0	57.4	17.2	3.67	23	
Z38422 (9983825)	<0.5	6.91	4	449	1.2	<1	2.34	<0.5	53	6.9	50.0	18.0	3.93	23	
Z38423 (9983826)	<0.5	4.20	1	930	4.7	13	7.97	<0.5	126	26.7	134	91.3	6.70	34	
Z38424 (9983827)	<0.5	6.97	3	594	1.5	2	3.20	<0.5	76	6.7	41.2	13.1	4.18	25	
Z38425 (9983828)	<0.5	2.29	<1	852	6.0	7	8.85	<0.5	162	46.5	291	71.0	7.14	36	
Z38426 (9983829)	<0.5	7.19	<1	150	0.7	1	6.70	<0.5	8	38.5	135	155	8.09	33	
Z38427 (9983830)	<0.5	6.71	5	457	3.9	4	3.05	<0.5	75	9.2	57.5	12.2	3.85	26	
Z38428 (9983831)	<0.5	7.52	<1	394	0.7	2	2.30	<0.5	46	4.5	45.0	7.9	3.43	21	
Z38429 (9983832)	<0.5	7.37	<1	388	<0.5	1	2.28	<0.5	47	4.7	43.3	16.3	3.75	22	
Z38430 (9983833)	<0.5	7.26	1	405	0.6	2	2.22	<0.5	45	4.6	40.7	8.4	3.64	22	
Z38431 (9983834)	<0.5	8.37	<1	438	0.5	2	2.43	<0.5	56	4.0	39.2	2.3	2.98	21	
Z38432 (9983835)	<0.5	0.06	<1	16	<0.5	<1	32.4	<0.5	<1	<0.5	2.3	<0.5	0.10	11	
Z38433 (9983836)	<0.5	7.63	34	451	<0.5	2	2.35	<0.5	46	4.5	45.8	1.9	3.48	21	
Z38434 (9983837)	<0.5	7.35	83	1520	3.2	12	6.31	<0.5	163	26.7	135	50.5	7.26	33	
Z38435 (9983838)	<0.5	6.95	166	1450	2.2	7	7.52	<0.5	148	29.7	263	50.8	7.58	29	
Z38436 (9983839)	<0.5	4.80	16	312	<0.5	1	1.59	<0.5	30	3.5	72.6	13.2	2.07	13	
Z38437 (9983840)	<0.5	7.78	2	462	0.7	3	2.44	<0.5	49	4.7	42.0	1.9	3.24	22	
Z38438 (9983841)	<0.5	7.62	2	449	0.7	1	2.38	<0.5	53	5.1	44.5	2.5	3.11	23	
Z38439 (9983842)	<0.5	7.08	3	353	0.8	2	2.27	<0.5	42	4.8	56.2	2.6	3.17	21	
Z38440 (9983843)	<0.5	7.39	<1	427	0.6	2	2.20	<0.5	47	4.9	43.6	2.0	3.58	22	
Z38441 (9983844)	<0.5	7.36	<1	381	0.6	2	2.24	<0.5	50	4.6	44.3	1.9	3.45	21	
Z38442 (9983845)	<0.5	7.70	<1	368	0.8	2	2.15	<0.5	51	4.1	38.5	3.0	3.03	22	
Z38443 (9983846)	<0.5	7.23	<1	372	0.6	3	1.95	<0.5	53	3.2	30.3	3.3	2.81	21	
Z38444 (9983847)	<0.5	7.04	<1	332	0.6	1	2.05	<0.5	43	4.5	41.1	3.2	3.50	22	
Z38445 (9983848)	<0.5	7.03	3	309	0.7	<1	1.96	<0.5	43	4.7	39.6	2.6	3.17	21	
Z38446 (9983849)	<0.5	7.16	<1	191	1.4	9	6.28	<0.5	19	35.8	143	106	7.56	32	
Z38447 (9983850)	<0.5	7.15	2	367	0.7	<1	2.56	<0.5	55	6.1	45.3	24.3	3.65	22	
Z38448 (9983851)	<0.5	7.24	<1	488	2.2	1	2.21	<0.5	50	4.4	40.0	14.5	3.46	21	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T448864

PROJECT: AGAT00582

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 20, 2019	DATE RECEIVED: Mar 21, 2019							DATE REPORTED: Apr 09, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z38449 (9983852)	<0.5	3.06	4	716	6.0	10	10.6	<0.5	237	37.8	264	63.0	6.91	29	
Z38450 (9983853)	<0.5	7.35	<1	487	1.3	<1	2.25	<0.5	52	4.9	52.2	3.7	3.40	22	
Z38451 (9983854)	<0.5	7.53	<1	444	0.9	<1	2.08	<0.5	54	4.9	44.7	3.7	3.59	23	
Z38452 (9983855)	<0.5	0.08	4	17	<0.5	<1	31.1	<0.5	<1	0.6	1.9	<0.5	0.09	11	
Z38453 (9983856)	<0.5	7.16	2	527	0.8	<1	2.23	<0.5	44	4.5	49.7	5.6	3.56	23	
Z38454 (9983857)	<0.5	7.15	1	564	1.0	2	1.36	<0.5	47	5.1	40.7	14.7	3.31	23	
Z38455 (9983858)	<0.5	7.56	<1	686	0.8	3	1.79	<0.5	48	4.1	36.4	8.1	3.54	22	
Z38456 (9983859)	<0.5	7.24	<1	807	0.9	<1	1.95	<0.5	47	4.6	46.3	11.0	3.35	23	
Z38457 (9983860)	<0.5	6.46	14	517	2.3	2	3.13	<0.5	39	10.3	72.8	21.9	3.69	24	
Z38458 (9983861)	<0.5	6.31	11	512	2.4	<1	3.12	<0.5	41	11.2	72.0	20.8	3.60	26	
Z38459 (9983862)	<0.5	2.53	<1	912	6.9	24	7.57	<0.5	141	62.7	790	108	9.44	44	
Z38460 (9983863)	<0.5	7.21	<1	635	0.8	2	2.38	<0.5	48	5.0	36.9	37.3	3.11	21	
Z38461 (9983864)	<0.5	7.24	2	532	0.8	3	1.90	<0.5	41	6.0	37.8	25.7	3.48	22	
Z38462 (9983865)	<0.5	7.06	<1	577	1.3	<1	1.63	<0.5	47	6.8	41.5	43.4	3.53	25	
Z38463 (9983866)	<0.5	4.24	4	327	4.9	1	6.62	<0.5	95	30.7	154	61.5	5.84	29	
Z38464 (9983867)	<0.5	7.34	3	544	1.2	3	1.63	<0.5	45	5.2	42.8	22.5	3.70	25	
Z38465 (9983868)	<0.5	6.74	4	506	1.3	<1	2.11	<0.5	39	6.6	57.5	18.4	3.40	24	
Z38466 (9983869)	<0.5	6.85	3	144	0.8	4	6.51	<0.5	8	38.0	128	148	7.83	33	
Z38467 (9983870)	<0.5	6.79	<1	434	0.8	<1	1.38	<0.5	36	5.3	41.5	21.3	3.05	22	
Z38468 (9983871)	<0.5	7.50	2	673	1.0	<1	1.57	<0.5	47	6.3	44.0	56.9	3.73	25	
Z38469 (9983872)	<0.5	6.94	3	606	0.7	<1	1.21	<0.5	39	4.8	43.3	97.0	3.24	22	
Z38470 (9983873)	<0.5	7.15	<1	595	0.7	2	1.28	<0.5	41	5.6	46.7	25.4	4.05	23	
Z38471 (9983874)	<0.5	6.93	<1	437	0.7	<1	1.02	<0.5	41	4.0	37.8	34.0	2.39	21	
Z38472 (9983875)	<0.5	0.06	3	23	<0.5	<1	31.0	<0.5	<1	0.7	3.5	<0.5	0.09	11	
Z38473 (9983876)	<0.5	7.35	<1	530	1.3	<1	1.09	<0.5	52	4.6	35.2	20.1	3.32	25	
Z38474 (9983877)	<0.5	5.10	9	197	3.7	<1	5.12	<0.5	95	23.7	101	46.2	5.57	31	
Z38475 (9983878)	<0.5	6.32	4	256	4.3	7	3.57	<0.5	26	31.7	74.5	99.3	8.90	34	
Z38476 (9983879)	<0.5	6.90	26	491	2.3	2	2.40	<0.5	51	13.5	49.4	6.7	3.36	23	
Z38477 (9983880)	<0.5	2.73	<1	377	10.2	14	8.72	<0.5	95	42.9	415	99.4	7.84	31	
Z38478 (9983881)	<0.5	2.83	<1	393	10.8	<1	8.57	<0.5	101	46.3	417	104	8.00	32	
Z38479 (9983882)	<0.5	7.18	1	712	2.1	<1	2.00	<0.5	43	4.7	44.6	1.7	3.40	25	
Z38480 (9983883)	<0.5	4.32	15	334	7.4	8	6.02	<0.5	66	33.7	244	62.4	5.89	31	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T448864

PROJECT: AGAT00582

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 20, 2019	DATE RECEIVED: Mar 21, 2019				DATE REPORTED: Apr 09, 2019				SAMPLE TYPE: Drill Core						
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
Z38481 (9983884)		<0.5	2.78	2	168	9.3	6	8.66	<0.5	97	44.3	350	84.6	6.77	29
Z38482 (9983885)		<0.5	7.27	5	615	1.5	1	2.14	<0.5	39	4.8	45.2	2.1	3.22	23
Z38483 (9983886)		<0.5	7.68	3	498	1.1	1	2.45	<0.5	48	5.0	41.4	2.4	3.38	23
Z38484 (9983887)		<0.5	7.09	6	572	2.2	2	2.72	<0.5	52	8.4	65.1	6.9	3.90	24
Z38485 (9983888)		<0.5	2.60	<1	341	5.4	11	6.25	<0.5	71	55.6	446	77.3	7.59	31
Z38486 (9983889)		<0.5	7.49	<1	200	0.9	11	6.61	<0.5	19	33.8	137	109	8.00	32
Z38487 (9983890)		<0.5	7.27	5	538	0.8	3	2.16	<0.5	77	4.6	38.2	5.4	3.29	22
Z38488 (9983891)		<0.5	7.54	7	549	0.9	3	2.25	<0.5	43	6.4	39.0	118	3.50	22

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T448864

PROJECT: AGAT00582

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 20, 2019

DATE RECEIVED: Mar 21, 2019

DATE REPORTED: Apr 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
Z38417 (9983820)		<1	1.24	21	14	0.66	862	8.2	3.75	11.6	318	<20	<50	0.11	<1
Z38418 (9983821)		<1	1.24	21	14	0.65	854	5.9	3.78	10.5	321	<20	<50	0.11	<1
Z38419 (9983822)		<1	2.26	33	139	3.48	1430	5.0	2.20	201	2670	<20	<50	0.10	1
Z38420 (9983823)		<1	1.11	21	36	0.61	750	5.8	3.46	10.7	538	<20	<50	0.08	<1
Z38421 (9983824)		<1	1.05	19	22	0.54	876	9.4	2.98	7.1	529	<20	<50	0.08	<1
Z38422 (9983825)		<1	1.04	23	34	0.72	1080	7.1	3.70	10.2	762	<20	<50	0.08	<1
Z38423 (9983826)		<1	1.72	64	29	4.90	1350	3.9	2.77	142	5060	<20	<50	0.19	3
Z38424 (9983827)		<1	0.88	35	44	1.14	1010	4.4	4.99	21.8	1420	<20	<50	0.05	<1
Z38425 (9983828)		<1	1.85	80	55	8.15	1700	1.4	1.80	346	3040	<20	<50	0.21	<1
Z38426 (9983829)		<1	0.21	3	12	4.26	1410	<0.5	2.26	88.6	410	<20	<50	0.15	<1
Z38427 (9983830)		<1	1.06	33	38	1.64	798	5.5	3.50	49.2	1340	<20	<50	0.04	1
Z38428 (9983831)		<1	1.22	19	34	0.56	734	7.6	3.05	6.0	645	<20	<50	0.03	<1
Z38429 (9983832)		<1	1.22	19	40	0.58	1140	7.4	2.85	5.8	598	<20	<50	0.04	<1
Z38430 (9983833)		<1	1.25	18	40	0.56	1110	6.9	2.91	5.5	551	<20	<50	0.02	<1
Z38431 (9983834)		<1	1.22	24	31	0.46	598	7.0	3.48	5.2	505	<20	<50	0.01	2
Z38432 (9983835)		<1	0.01	3	<1	1.90	119	1.1	0.04	<0.5	71	<20	<50	<0.01	<1
Z38433 (9983836)		<1	1.25	19	27	0.57	1310	5.9	2.95	5.4	558	<20	<50	0.11	<1
Z38434 (9983837)		<1	2.95	74	36	3.51	1270	1.1	2.51	80.0	4760	<20	<50	0.17	3
Z38435 (9983838)		<1	2.61	68	36	4.41	1370	0.9	2.36	111	4420	<20	<50	0.17	2
Z38436 (9983839)		<1	0.82	12	15	0.43	557	9.4	2.03	8.1	419	<20	<50	0.12	<1
Z38437 (9983840)		<1	1.26	20	38	0.57	884	5.0	2.99	5.7	604	<20	<50	0.02	<1
Z38438 (9983841)		<1	1.22	22	37	0.55	876	7.6	2.95	5.8	586	<20	<50	0.01	<1
Z38439 (9983842)		<1	1.44	18	20	0.50	1000	5.6	2.98	6.0	445	<20	<50	0.03	<1
Z38440 (9983843)		<1	1.27	20	31	0.55	1210	7.3	2.90	6.2	568	<20	<50	<0.01	<1
Z38441 (9983844)		<1	1.22	21	31	0.50	1110	5.8	2.85	5.5	543	<20	<50	0.02	<1
Z38442 (9983845)		<1	1.41	22	25	0.50	811	7.6	2.96	4.6	690	<20	<50	0.01	<1
Z38443 (9983846)		<1	1.37	23	18	0.48	700	5.8	3.07	4.4	501	<20	<50	<0.01	<1
Z38444 (9983847)		<1	1.16	18	18	0.60	1140	5.6	2.82	5.1	502	<20	<50	<0.01	<1
Z38445 (9983848)		<1	1.16	18	18	0.50	966	4.3	3.14	5.5	496	<20	<50	0.01	<1
Z38446 (9983849)		<1	0.43	9	10	4.10	1310	<0.5	2.27	107	869	<20	<50	0.08	<1
Z38447 (9983850)		<1	1.11	24	21	0.66	1440	6.1	3.02	8.5	527	<20	<50	0.04	<1
Z38448 (9983851)		<1	1.06	22	21	0.57	1220	4.7	3.47	6.3	552	<20	<50	0.03	<1

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T448864

PROJECT: AGAT00582

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 20, 2019	DATE RECEIVED: Mar 21, 2019					DATE REPORTED: Apr 09, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
Z38449 (9983852)	<1	2.04	119	91	5.62	2130	2.9	1.53	229	3430	<20	<50	0.12	<1	
Z38450 (9983853)	<1	1.28	22	25	0.63	938	5.7	3.24	8.6	654	<20	<50	<0.01	<1	
Z38451 (9983854)	<1	1.31	23	21	0.72	1100	6.7	3.06	10.5	564	<20	<50	<0.01	<1	
Z38452 (9983855)	<1	0.02	2	<1	2.48	41	0.8	0.05	<0.5	77	<20	<50	<0.01	<1	
Z38453 (9983856)	<1	1.58	18	25	1.05	1180	5.5	2.92	6.4	496	<20	<50	0.01	<1	
Z38454 (9983857)	<1	1.81	21	31	1.02	958	7.2	2.91	7.6	498	<20	<50	0.04	<1	
Z38455 (9983858)	<1	1.45	20	28	0.89	1360	4.3	3.03	5.8	502	<20	<50	0.02	<1	
Z38456 (9983859)	<1	1.34	19	33	0.79	1070	6.3	2.85	6.3	554	<20	<50	0.02	<1	
Z38457 (9983860)	<1	1.85	17	104	1.43	1060	6.3	2.68	33.8	482	<20	<50	0.08	<1	
Z38458 (9983861)	<1	1.80	18	96	1.38	1060	7.6	2.69	36.0	515	<20	<50	0.08	<1	
Z38459 (9983862)	<1	1.75	64	21	10.5	1570	<0.5	0.59	545	2520	25	<50	0.16	<1	
Z38460 (9983863)	<1	1.16	20	34	0.70	1230	11.3	3.48	7.6	551	<20	<50	0.08	<1	
Z38461 (9983864)	<1	1.56	17	22	0.81	1350	6.1	2.98	10.7	526	<20	<50	0.05	<1	
Z38462 (9983865)	<1	1.57	20	26	1.02	802	6.2	3.15	13.4	475	<20	<50	0.08	<1	
Z38463 (9983866)	<1	2.05	45	148	4.34	1650	2.4	2.84	164	1310	<20	<50	0.08	<1	
Z38464 (9983867)	<1	1.51	18	32	1.04	1080	6.7	3.04	9.2	549	<20	<50	0.03	2	
Z38465 (9983868)	<1	1.42	17	24	1.33	1040	7.8	3.25	13.5	534	<20	<50	0.03	<1	
Z38466 (9983869)	<1	0.20	4	12	4.07	1340	<0.5	2.18	83.8	396	<20	<50	0.14	2	
Z38467 (9983870)	<1	1.27	16	27	0.88	1080	8.9	3.19	9.2	438	<20	<50	0.03	<1	
Z38468 (9983871)	<1	1.52	20	37	0.96	1300	9.0	2.86	7.7	555	<20	<50	0.07	<1	
Z38469 (9983872)	<1	1.40	16	33	0.81	1220	6.4	2.73	5.6	586	<20	<50	0.08	<1	
Z38470 (9983873)	<1	1.42	17	35	0.91	1970	6.5	2.64	5.3	555	<20	<50	0.03	2	
Z38471 (9983874)	<1	1.16	18	24	0.80	705	6.4	3.31	6.4	304	<20	<50	0.03	<1	
Z38472 (9983875)	<1	0.01	2	<1	1.92	40	1.5	0.04	<0.5	77	<20	<50	<0.01	1	
Z38473 (9983876)	<1	1.47	22	23	1.14	562	6.0	3.46	7.3	495	<20	<50	0.02	<1	
Z38474 (9983877)	<1	1.15	44	54	3.55	1540	4.1	2.62	76.0	1790	<20	<50	0.10	2	
Z38475 (9983878)	<1	1.25	12	48	4.07	1270	<0.5	2.92	52.1	982	<20	<50	0.07	<1	
Z38476 (9983879)	<1	1.37	21	29	0.95	556	4.3	3.48	23.7	702	<20	<50	0.03	<1	
Z38477 (9983880)	<1	1.81	46	109	6.42	1600	1.8	2.54	313	1300	<20	<50	0.12	2	
Z38478 (9983881)	<1	1.86	49	112	6.54	1620	1.7	2.54	320	1370	<20	<50	0.14	1	
Z38479 (9983882)	<1	1.52	18	45	1.16	445	6.2	3.50	19.1	875	<20	<50	0.03	2	
Z38480 (9983883)	<1	1.45	30	369	4.64	1300	2.7	2.81	252	996	<20	<50	0.12	<1	

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## Certificate of Analysis

AGAT WORK ORDER: 19T448864

PROJECT: AGAT00582

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 20, 2019	DATE RECEIVED: Mar 21, 2019				DATE REPORTED: Apr 09, 2019				SAMPLE TYPE: Drill Core						
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
Z38481 (9983884)	<1	1.65	44	132	6.00	1590	2.1	2.34	344	864	<20	<50	0.15	<1	
Z38482 (9983885)	<1	1.76	17	31	1.02	530	5.9	3.54	16.3	593	<20	<50	0.05	1	
Z38483 (9983886)	<1	1.63	20	27	0.87	661	3.8	3.40	12.4	624	<20	<50	0.01	1	
Z38484 (9983887)	<1	1.43	22	37	1.30	788	4.9	3.71	37.5	799	<20	<50	0.02	2	
Z38485 (9983888)	<1	1.67	32	92	8.43	1230	1.3	2.98	545	1770	<20	<50	0.11	<1	
Z38486 (9983889)	<1	0.44	9	10	4.32	1370	<0.5	2.35	102	861	<20	<50	0.08	2	
Z38487 (9983890)	<1	1.32	33	26	0.96	511	6.3	3.49	9.6	577	73	<50	0.02	2	
Z38488 (9983891)	<1	1.46	18	26	0.90	493	4.1	3.38	14.4	508	<20	<50	0.19	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 20, 2019	DATE RECEIVED: Mar 21, 2019					DATE REPORTED: Apr 09, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Z38417 (9983820)	7	<10	<5	136	<10	<10	<5	0.19	<5	<50	23.9	<1	13	43.7	
Z38418 (9983821)	6	<10	<5	136	<10	<10	<5	0.19	<5	<50	23.5	<1	13	43.5	
Z38419 (9983822)	32	<10	<5	534	<10	<10	<5	0.38	<5	<50	183	<1	19	68.6	
Z38420 (9983823)	7	<10	<5	166	<10	<10	<5	0.23	<5	<50	27.5	<1	22	131	
Z38421 (9983824)	9	<10	<5	138	<10	<10	<5	0.24	<5	<50	23.9	<1	26	63.7	
Z38422 (9983825)	9	<10	<5	198	<10	<10	<5	0.29	<5	<50	28.4	<1	36	74.3	
Z38423 (9983826)	16	<10	<5	927	<10	35	<5	1.26	<5	<50	214	<1	35	75.2	
Z38424 (9983827)	10	<10	<5	392	<10	<10	<5	0.37	<5	<50	47.4	<1	37	80.9	
Z38425 (9983828)	17	<10	5	1290	<10	43	<5	1.43	<5	<50	221	<1	26	85.5	
Z38426 (9983829)	43	<10	<5	114	<10	<10	<5	0.69	<5	<50	298	<1	21	77.8	
Z38427 (9983830)	11	<10	<5	325	<10	<10	<5	0.42	<5	<50	51.5	<1	41	74.3	
Z38428 (9983831)	8	<10	<5	163	<10	<10	<5	0.27	<5	<50	23.5	<1	24	66.0	
Z38429 (9983832)	10	<10	<5	143	<10	<10	<5	0.28	<5	<50	24.0	<1	31	65.9	
Z38430 (9983833)	9	<10	<5	141	<10	<10	<5	0.26	<5	<50	21.7	<1	26	67.8	
Z38431 (9983834)	6	<10	<5	197	<10	<10	<5	0.24	<5	<50	21.2	<1	14	58.7	
Z38432 (9983835)	<1	<10	<5	72	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	2.3	
Z38433 (9983836)	8	<10	<5	169	<10	<10	<5	0.27	<5	<50	21.8	<1	25	68.2	
Z38434 (9983837)	13	<10	6	1260	<10	26	<5	0.95	<5	<50	121	<1	23	84.0	
Z38435 (9983838)	17	<10	<5	1210	<10	24	<5	0.97	<5	<50	134	<1	22	81.4	
Z38436 (9983839)	4	<10	<5	152	<10	<10	<5	0.15	<5	<50	14.3	<1	14	39.3	
Z38437 (9983840)	7	<10	<5	161	<10	<10	<5	0.27	<5	<50	21.7	<1	20	65.4	
Z38438 (9983841)	7	<10	<5	156	<10	<10	<5	0.26	<5	<50	21.7	<1	21	65.5	
Z38439 (9983842)	8	<10	<5	144	<10	<10	<5	0.22	<5	<50	29.3	<1	18	53.8	
Z38440 (9983843)	9	<10	<5	148	<10	<10	<5	0.26	<5	<50	22.3	<1	25	67.1	
Z38441 (9983844)	9	<10	<5	145	<10	<10	<5	0.26	<5	<50	23.5	<1	23	63.8	
Z38442 (9983845)	8	<10	<5	150	<10	<10	<5	0.25	<5	<50	21.1	<1	21	55.2	
Z38443 (9983846)	8	<10	<5	155	<10	<10	<5	0.23	<5	<50	20.7	<1	25	41.1	
Z38444 (9983847)	9	<10	<5	148	<10	<10	<5	0.24	<5	<50	22.0	<1	25	44.5	
Z38445 (9983848)	8	<10	<5	145	<10	<10	<5	0.23	<5	<50	23.5	<1	20	45.4	
Z38446 (9983849)	32	<10	<5	247	<10	20	<5	0.86	<5	<50	226	<1	20	87.4	
Z38447 (9983850)	10	<10	<5	150	<10	<10	<5	0.26	<5	<50	26.2	<1	29	70.2	
Z38448 (9983851)	10	<10	<5	192	<10	<10	<5	0.26	<5	<50	24.9	<1	27	58.8	

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## Certificate of Analysis

AGAT WORK ORDER: 19T448864

PROJECT: AGAT00582

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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 20, 2019

DATE RECEIVED: Mar 21, 2019

DATE REPORTED: Apr 09, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Z38449 (9983852)	25	<10	<5	1250	<10	27	<5	0.86	<5	<50	172	<1	40	75.8
Z38450 (9983853)	10	<10	<5	183	<10	<10	<5	0.24	<5	<50	34.3	<1	19	56.8
Z38451 (9983854)	9	<10	<5	166	<10	<10	<5	0.26	<5	<50	26.4	<1	25	60.6
Z38452 (9983855)	<1	<10	<5	66	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	3.1
Z38453 (9983856)	9	<10	<5	141	<10	<10	<5	0.23	<5	<50	25.3	<1	22	57.0
Z38454 (9983857)	9	<10	<5	133	<10	<10	<5	0.23	<5	<50	27.6	<1	20	58.1
Z38455 (9983858)	8	<10	<5	150	<10	<10	<5	0.26	<5	<50	22.3	<1	22	62.8
Z38456 (9983859)	9	<10	<5	153	<10	<10	<5	0.25	<5	<50	21.7	<1	21	83.8
Z38457 (9983860)	14	<10	<5	204	<10	<10	<5	0.42	<5	<50	61.4	<1	18	86.7
Z38458 (9983861)	14	<10	<5	204	<10	<10	<5	0.41	<5	<50	63.1	<1	19	86.6
Z38459 (9983862)	24	<10	5	819	<10	83	<5	2.35	<5	<50	282	<1	22	92.6
Z38460 (9983863)	7	<10	<5	222	<10	<10	<5	0.25	<5	<50	23.0	<1	19	60.7
Z38461 (9983864)	9	<10	<5	145	<10	<10	<5	0.23	<5	<50	22.9	<1	22	61.3
Z38462 (9983865)	10	<10	5	145	<10	<10	<5	0.22	<5	<50	24.8	<1	19	57.3
Z38463 (9983866)	26	<10	<5	531	<10	<10	<5	0.42	<5	<50	175	<1	25	34.5
Z38464 (9983867)	9	<10	<5	149	<10	<10	<5	0.26	<5	<50	24.2	<1	22	58.8
Z38465 (9983868)	9	<10	<5	143	<10	<10	<5	0.26	<5	<50	33.4	<1	19	52.4
Z38466 (9983869)	42	<10	<5	110	<10	11	<5	0.66	<5	<50	290	<1	20	75.5
Z38467 (9983870)	7	<10	<5	128	<10	<10	<5	0.19	<5	<50	21.2	<1	16	44.2
Z38468 (9983871)	9	<10	<5	165	<10	<10	<5	0.27	<5	<50	22.4	<1	21	66.5
Z38469 (9983872)	7	<10	<5	140	<10	<10	<5	0.22	<5	<50	20.0	<1	20	44.9
Z38470 (9983873)	10	<10	<5	135	<10	<10	<5	0.25	<5	<50	21.1	<1	28	57.6
Z38471 (9983874)	5	<10	<5	137	<10	<10	<5	0.14	<5	<50	15.5	<1	14	38.3
Z38472 (9983875)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	3.4
Z38473 (9983876)	8	<10	<5	132	<10	<10	<5	0.24	<5	<50	28.1	<1	16	46.7
Z38474 (9983877)	32	<10	<5	456	<10	<10	<5	0.46	<5	<50	158	<1	21	41.2
Z38475 (9983878)	46	<10	5	127	<10	<10	<5	0.76	<5	<50	320	<1	21	65.1
Z38476 (9983879)	11	<10	<5	204	<10	<10	<5	0.28	<5	<50	39.4	<1	19	53.0
Z38477 (9983880)	31	<10	6	976	<10	20	<5	1.05	<5	<50	265	<1	43	91.7
Z38478 (9983881)	32	<10	5	1000	<10	25	<5	1.04	<5	<50	272	<1	44	94.5
Z38479 (9983882)	10	<10	<5	184	<10	<10	<5	0.22	<5	<50	43.4	<1	16	40.2
Z38480 (9983883)	32	<10	6	492	<10	<10	<5	0.62	<5	<50	203	<1	22	35.7

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## Certificate of Analysis

AGAT WORK ORDER: 19T448864

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 20, 2019	DATE RECEIVED: Mar 21, 2019					DATE REPORTED: Apr 09, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Z38481 (9983884)	24	<10	<5	685	<10	14	<5	0.78	<5	<50	202	<1	30	29.3	
Z38482 (9983885)	8	<10	<5	186	<10	<10	<5	0.22	<5	<50	41.1	<1	14	48.1	
Z38483 (9983886)	9	<10	<5	197	<10	<10	<5	0.26	<5	<50	36.2	<1	20	83.0	
Z38484 (9983887)	13	<10	<5	233	<10	<10	<5	0.36	<5	<50	45.2	<1	26	88.5	
Z38485 (9983888)	17	<10	<5	575	<10	22	<5	0.99	<5	<50	190	<1	26	89.4	
Z38486 (9983889)	31	<10	<5	258	<10	16	<5	0.90	<5	<50	220	<1	20	91.2	
Z38487 (9983890)	11	<10	<5	178	<10	<10	<5	0.25	<5	<50	35.0	<1	16	115	
Z38488 (9983891)	9	<10	<5	173	<10	<10	<5	0.27	<5	<50	26.8	<1	17	83.1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 20, 2019      DATE RECEIVED: Mar 21, 2019      DATE REPORTED: Apr 09, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
Z38417 (9983820)				124
Z38418 (9983821)				122
Z38419 (9983822)				46
Z38420 (9983823)				173
Z38421 (9983824)				171
Z38422 (9983825)				221
Z38423 (9983826)				176
Z38424 (9983827)				214
Z38425 (9983828)				117
Z38426 (9983829)				55
Z38427 (9983830)				225
Z38428 (9983831)				167
Z38429 (9983832)				171
Z38430 (9983833)				154
Z38431 (9983834)				162
Z38432 (9983835)				<5
Z38433 (9983836)				187
Z38434 (9983837)				251
Z38435 (9983838)				228
Z38436 (9983839)				102
Z38437 (9983840)				181
Z38438 (9983841)				196
Z38439 (9983842)				136
Z38440 (9983843)				154
Z38441 (9983844)				173
Z38442 (9983845)				132
Z38443 (9983846)				167
Z38444 (9983847)				151
Z38445 (9983848)				164
Z38446 (9983849)				87
Z38447 (9983850)				157
Z38448 (9983851)				195

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T448864

PROJECT: AGAT00582

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 20, 2019

DATE RECEIVED: Mar 21, 2019

DATE REPORTED: Apr 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
Z38449 (9983852)				129
Z38450 (9983853)				155
Z38451 (9983854)				174
Z38452 (9983855)				<5
Z38453 (9983856)				164
Z38454 (9983857)				159
Z38455 (9983858)				161
Z38456 (9983859)				177
Z38457 (9983860)				141
Z38458 (9983861)				146
Z38459 (9983862)				275
Z38460 (9983863)				178
Z38461 (9983864)				161
Z38462 (9983865)				143
Z38463 (9983866)				175
Z38464 (9983867)				159
Z38465 (9983868)				142
Z38466 (9983869)				51
Z38467 (9983870)				132
Z38468 (9983871)				192
Z38469 (9983872)				153
Z38470 (9983873)				171
Z38471 (9983874)				104
Z38472 (9983875)				<5
Z38473 (9983876)				169
Z38474 (9983877)				141
Z38475 (9983878)				96
Z38476 (9983879)				186
Z38477 (9983880)				287
Z38478 (9983881)				301
Z38479 (9983882)				172
Z38480 (9983883)				203

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T448864

PROJECT: AGAT00582

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 20, 2019

DATE RECEIVED: Mar 21, 2019

DATE REPORTED: Apr 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
Z38481 (9983884)				238
Z38482 (9983885)				169
Z38483 (9983886)				174
Z38484 (9983887)				203
Z38485 (9983888)				201
Z38486 (9983889)				84
Z38487 (9983890)				166
Z38488 (9983891)				173

Comments: RDL - Reported Detection Limit

9983820-9983891 As, Sb values may be low due to digestion losses.

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T448864

PROJECT: AGAT00582

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 20, 2019      DATE RECEIVED: Mar 21, 2019      DATE REPORTED: Apr 09, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
Z38417 (9983820)			0.002
Z38418 (9983821)			0.002
Z38419 (9983822)			0.002
Z38420 (9983823)			0.001
Z38421 (9983824)			0.001
Z38422 (9983825)			0.002
Z38423 (9983826)			0.002
Z38424 (9983827)			0.004
Z38425 (9983828)			0.001
Z38426 (9983829)			0.518
Z38427 (9983830)			0.002
Z38428 (9983831)			0.009
Z38429 (9983832)			0.002
Z38430 (9983833)			0.001
Z38431 (9983834)			0.001
Z38432 (9983835)			<0.001
Z38433 (9983836)			0.001
Z38434 (9983837)			0.002
Z38435 (9983838)			0.002
Z38436 (9983839)			0.001
Z38437 (9983840)			0.002
Z38438 (9983841)			0.002
Z38439 (9983842)			0.001
Z38440 (9983843)			<0.001
Z38441 (9983844)			<0.001
Z38442 (9983845)			0.001
Z38443 (9983846)			0.004
Z38444 (9983847)			0.001
Z38445 (9983848)			0.001
Z38446 (9983849)			0.325
Z38447 (9983850)			0.002
Z38448 (9983851)			0.002

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T448864

PROJECT: AGAT00582

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 20, 2019      DATE RECEIVED: Mar 21, 2019      DATE REPORTED: Apr 09, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
Z38449 (9983852)			0.005
Z38450 (9983853)			0.006
Z38451 (9983854)			<0.001
Z38452 (9983855)			<0.001
Z38453 (9983856)			0.001
Z38454 (9983857)			0.001
Z38455 (9983858)			0.009
Z38456 (9983859)			<0.001
Z38457 (9983860)			0.001
Z38458 (9983861)			0.001
Z38459 (9983862)			0.001
Z38460 (9983863)			0.001
Z38461 (9983864)			0.003
Z38462 (9983865)			0.002
Z38463 (9983866)			0.001
Z38464 (9983867)			0.004
Z38465 (9983868)			0.001
Z38466 (9983869)			0.537
Z38467 (9983870)			0.005
Z38468 (9983871)			0.001
Z38469 (9983872)			0.002
Z38470 (9983873)			0.004
Z38471 (9983874)			0.007
Z38472 (9983875)			<0.001
Z38473 (9983876)			0.002
Z38474 (9983877)			0.005
Z38475 (9983878)			0.003
Z38476 (9983879)			0.003
Z38477 (9983880)			0.004
Z38478 (9983881)			0.003
Z38479 (9983882)			0.001
Z38480 (9983883)			0.003

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T448864

PROJECT: AGAT00582

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 20, 2019      DATE RECEIVED: Mar 21, 2019      DATE REPORTED: Apr 09, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
Z38481 (9983884)			0.016
Z38482 (9983885)			0.002
Z38483 (9983886)			0.005
Z38484 (9983887)			0.005
Z38485 (9983888)			0.002
Z38486 (9983889)			0.342
Z38487 (9983890)			0.002
Z38488 (9983891)			0.004

Comments: RDL - Reported Detection Limit

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T448864

PROJECT: AGAT00582

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 20, 2019	DATE RECEIVED: Mar 21, 2019	DATE REPORTED: Apr 09, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
Z38417 (9983820)		85
Z38436 (9983839)		88
Z38456 (9983859)		86
Z38465 (9983868)		82
Z38476 (9983879)		78

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	9983820	< 0.5	< 0.5	0.0%	9983834	< 0.5	< 0.5	0.0%	9983845	< 0.5	< 0.5	0.0%	9983859	< 0.5	< 0.5	0.0%
Al	9983820	7.15	7.11	0.6%	9983834	8.37	8.22	1.8%	9983845	7.70	7.51	2.5%	9983859	7.24	7.33	1.2%
As	9983820	4	3	28.6%	9983834	< 1	< 1	0.0%	9983845	< 1	< 1	0.0%	9983859	< 1	1	
Ba	9983820	254	250	1.6%	9983834	438	429	2.1%	9983845	368	358	2.8%	9983859	807	791	2.0%
Be	9983820	1.10	1.02	7.5%	9983834	0.5	0.5	0.0%	9983845	0.78	0.69	12.2%	9983859	0.86	0.83	3.6%
Bi	9983820	2	2	0.0%	9983834	2	3		9983845	2	2	0.0%	9983859	< 1	2	
Ca	9983820	2.32	2.30	0.9%	9983834	2.43	2.38	2.1%	9983845	2.15	2.11	1.9%	9983859	1.95	1.92	1.6%
Cd	9983820	< 0.5	< 0.5	0.0%	9983834	< 0.5	< 0.5	0.0%	9983845	< 0.5	< 0.5	0.0%	9983859	< 0.5	< 0.5	0.0%
Ce	9983820	49	47	4.2%	9983834	56	59	5.2%	9983845	51	49	4.0%	9983859	47	46	2.2%
Co	9983820	6.73	6.35	5.8%	9983834	3.97	3.89	2.0%	9983845	4.1	3.6	13.0%	9983859	4.6	4.5	2.2%
Cr	9983820	45.8	34.0	29.6%	9983834	39.2	37.2	5.2%	9983845	38.5	49.1	24.2%	9983859	46.3	41.0	12.1%
Cu	9983820	27.7	29.2	5.3%	9983834	2.3	2.1	9.1%	9983845	3.0	2.7	10.5%	9983859	11.0	11.2	1.8%
Fe	9983820	3.29	3.28	0.3%	9983834	2.98	2.92	2.0%	9983845	3.03	2.89	4.7%	9983859	3.35	3.38	0.9%
Ga	9983820	22	21	4.7%	9983834	21	21	0.0%	9983845	22	21	4.7%	9983859	23	22	4.4%
In	9983820	< 1	< 1	0.0%	9983834	< 1	< 1	0.0%	9983845	< 1	< 1	0.0%	9983859	< 1	< 1	0.0%
K	9983820	1.24	1.23	0.8%	9983834	1.22	1.20	1.7%	9983845	1.41	1.35	4.3%	9983859	1.34	1.35	0.7%
La	9983820	21	20	4.9%	9983834	24	26	8.0%	9983845	22	21	4.7%	9983859	19	19	0.0%
Li	9983820	14	14	0.0%	9983834	31	31	0.0%	9983845	25	24	4.1%	9983859	33	33	0.0%
Mg	9983820	0.66	0.66	0.0%	9983834	0.46	0.46	0.0%	9983845	0.497	0.475	4.5%	9983859	0.79	0.80	1.3%
Mn	9983820	862	859	0.3%	9983834	598	582	2.7%	9983845	811	788	2.9%	9983859	1070	1070	0.0%
Mo	9983820	8.2	6.4	24.7%	9983834	7.0	7.4	5.6%	9983845	7.6	6.2	20.3%	9983859	6.30	7.46	16.9%
Na	9983820	3.75	3.74	0.3%	9983834	3.48	3.49	0.3%	9983845	2.96	2.92	1.4%	9983859	2.85	2.81	1.4%
Ni	9983820	11.6	10.5	10.0%	9983834	5.18	4.69	9.9%	9983845	4.6	4.2	9.1%	9983859	6.29	6.02	4.4%
P	9983820	318	316	0.6%	9983834	505	515	2.0%	9983845	690	659	4.6%	9983859	554	549	0.9%
Pb	9983820	< 20	< 20	0.0%	9983834	< 20	< 20	0.0%	9983845	< 20	< 20	0.0%	9983859	< 20	< 20	0.0%
Rb	9983820	< 50	< 50	0.0%	9983834	< 50	< 50	0.0%	9983845	< 50	< 50	0.0%	9983859	< 50	< 50	0.0%
S	9983820	0.11	0.11	0.0%	9983834	0.01	< 0.01		9983845	0.01	< 0.01		9983859	0.02	0.02	0.0%
Sb	9983820	< 1	< 1	0.0%	9983834	2	< 1		9983845	< 1	< 1	0.0%	9983859	< 1	< 1	0.0%
Sc	9983820	7	7	0.0%	9983834	6	6	0.0%	9983845	8	7	13.3%	9983859	9	8	11.8%
Se	9983820	< 10	< 10	0.0%	9983834	< 10	< 10	0.0%	9983845	< 10	< 10	0.0%	9983859	< 10	< 10	0.0%
Sn	9983820	< 5	< 5	0.0%	9983834	< 5	< 5	0.0%	9983845	< 5	< 5	0.0%	9983859	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	9983820	136	135	0.7%	9983834	197	193	2.1%	9983845	150	147	2.0%	9983859	153	150	2.0%
Ta	9983820	< 10	< 10	0.0%	9983834	< 10	< 10	0.0%	9983845	< 10	< 10	0.0%	9983859	< 10	< 10	0.0%
Te	9983820	< 10	< 10	0.0%	9983834	< 10	< 10	0.0%	9983845	< 10	< 10	0.0%	9983859	< 10	< 10	0.0%
Th	9983820	< 5	< 5	0.0%	9983834	< 5	< 5	0.0%	9983845	< 5	< 5	0.0%	9983859	< 5	< 5	0.0%
Ti	9983820	0.189	0.182	3.8%	9983834	0.24	0.24	0.0%	9983845	0.25	0.24	4.1%	9983859	0.25	0.25	0.0%
Tl	9983820	< 5	< 5	0.0%	9983834	< 5	< 5	0.0%	9983845	< 5	< 5	0.0%	9983859	< 5	< 5	0.0%
U	9983820	< 50	< 50	0.0%	9983834	< 50	< 50	0.0%	9983845	< 50	< 50	0.0%	9983859	< 50	< 50	0.0%
V	9983820	23.9	23.4	2.1%	9983834	21.2	21.7	2.3%	9983845	21.1	19.8	6.4%	9983859	21.7	21.4	1.4%
W	9983820	< 1	< 1	0.0%	9983834	< 1	< 1	0.0%	9983845	< 1	< 1	0.0%	9983859	< 1	< 1	0.0%
Y	9983820	13	13	0.0%	9983834	14	14	0.0%	9983845	21	20	4.9%	9983859	21	21	0.0%
Zn	9983820	43.7	43.9	0.5%	9983834	58.7	58.2	0.9%	9983845	55.2	53.5	3.1%	9983859	83.8	83.3	0.6%
Zr	9983820	124	123	0.8%	9983834	162	160	1.2%	9983845	132	146	10.1%	9983859	177	174	1.7%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	9983870	< 0.5	< 0.5	0.0%	9983884	< 0.5	< 0.5	0.0%								
Al	9983870	6.79	6.95	2.3%	9983884	2.78	2.85	2.5%								
As	9983870	< 1	< 1	0.0%	9983884	2	1									
Ba	9983870	434	429	1.2%	9983884	168	172	2.4%								
Be	9983870	0.83	0.93	11.4%	9983884	9.33	9.52	2.0%								
Bi	9983870	< 1	< 1	0.0%	9983884	6	5	18.2%								
Ca	9983870	1.38	1.42	2.9%	9983884	8.66	8.79	1.5%								
Cd	9983870	< 0.5	< 0.5	0.0%	9983884	< 0.5	< 0.5	0.0%								
Ce	9983870	36	36	0.0%	9983884	97	101	4.0%								
Co	9983870	5.33	5.59	4.8%	9983884	44.3	46.2	4.2%								
Cr	9983870	41.5	46.1	10.5%	9983884	350	370	5.6%								
Cu	9983870	21.3	19.8	7.3%	9983884	84.6	84.7	0.1%								
Fe	9983870	3.05	3.11	1.9%	9983884	6.77	6.92	2.2%								
Ga	9983870	22	23	4.4%	9983884	29	32	9.8%								
In	9983870	< 1	< 1	0.0%	9983884	< 1	< 1	0.0%								
K	9983870	1.27	1.29	1.6%	9983884	1.65	1.70	3.0%								
La	9983870	16	15	6.5%	9983884	44	45	2.2%								
Li	9983870	27	28	3.6%	9983884	132	136	3.0%								
Mg	9983870	0.88	0.89	1.1%	9983884	6.00	6.14	2.3%								
Mn	9983870	1080	1130	4.5%	9983884	1590	1630	2.5%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	9983870	8.95	7.05	23.8%	9983884	2.1	1.6	27.0%								
Na	9983870	3.19	3.19	0.0%	9983884	2.34	2.36	0.9%								
Ni	9983870	9.2	9.3	1.1%	9983884	344	358	4.0%								
P	9983870	438	459	4.7%	9983884	864	899	4.0%								
Pb	9983870	< 20	< 20	0.0%	9983884	< 20	< 20	0.0%								
Rb	9983870	< 50	< 50	0.0%	9983884	< 50	< 50	0.0%								
S	9983870	0.03	0.03	0.0%	9983884	0.152	0.159	4.5%								
Sb	9983870	< 1	< 1	0.0%	9983884	< 1	1									
Sc	9983870	7	7	0.0%	9983884	24	25	4.1%								
Se	9983870	< 10	< 10	0.0%	9983884	< 10	< 10	0.0%								
Sn	9983870	< 5	< 5	0.0%	9983884	< 5	< 5	0.0%								
Sr	9983870	128	127	0.8%	9983884	685	703	2.6%								
Ta	9983870	< 10	< 10	0.0%	9983884	< 10	< 10	0.0%								
Te	9983870	< 10	< 10	0.0%	9983884	14	12	15.4%								
Th	9983870	< 5	< 5	0.0%	9983884	< 5	< 5	0.0%								
Ti	9983870	0.191	0.197	3.1%	9983884	0.78	0.72	8.0%								
Tl	9983870	< 5	< 5	0.0%	9983884	< 5	< 5	0.0%								
U	9983870	< 50	< 50	0.0%	9983884	< 50	< 50	0.0%								
V	9983870	21.2	21.3	0.5%	9983884	202	210	3.9%								
W	9983870	< 1	< 1	0.0%	9983884	< 1	< 1	0.0%								
Y	9983870	16	17	6.1%	9983884	30	31	3.3%								
Zn	9983870	44.2	45.1	2.0%	9983884	29.3	29.9	2.0%								
Zr	9983870	132	144	8.7%	9983884	238	244	2.5%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	9983820	0.0020	0.0015	28.6%	9983834	0.001	0.003		9983845	0.001	0.001	0.0%	9983859	< 0.001	0.002	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	9983870	0.005	0.002		9983884	0.016	0.003									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

**(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish**

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.61	97%	90% - 110%	8.17	8.19	100%	90% - 110%	6.96	6.75	97%	90% - 110%	10.95	10.36	95%	90% - 110%
As					26	25	97%	90% - 110%	124	115	93%	90% - 110%				
Ba	340	332	98%	90% - 110%	540	527	98%	90% - 110%	186	185	99%	90% - 110%	340	325	96%	90% - 110%
Be	2.6	2.4	92%	90% - 110%	4.0	3.6	90%	90% - 110%					2.6	2.4	92%	90% - 110%
Ca	5.72	5.41	95%	90% - 110%	0.907	0.873	96%	90% - 110%	4.01	3.79	95%	90% - 110%	5.72	5.33	93%	90% - 110%
Ce	122	114	94%	90% - 110%	98	94	96%	90% - 110%	24	22	91%	90% - 110%	122	112	92%	90% - 110%
Co									22.1	20	90%	90% - 110%				
Cr					60.3	54.8	91%	90% - 110%								
Cu					150	153	102%	90% - 110%	88.6	83.3	94%	90% - 110%				
Fe	4.34	4.11	95%	90% - 110%	3.77	3.72	99%	90% - 110%	7.56	7.17	95%	90% - 110%	4.34	3.99	92%	90% - 110%
Ga	35	34.7	99%	90% - 110%									35	32.7	93%	90% - 110%
K	1.37	1.39	101%	90% - 110%					2.021	2.009	99%	90% - 110%	1.37	1.36	99%	90% - 110%
La	58	52	90%	90% - 110%	44	41	93%	90% - 110%					58	55	94%	90% - 110%
Li	37	38	102%	90% - 110%	47	47	101%	90% - 110%					37	37	100%	90% - 110%
Mg	0.325	0.298	92%	90% - 110%	1.10	1.07	97%	90% - 110%	2.412	2.316	96%	90% - 110%	0.325	0.294	91%	90% - 110%
Mn					780	786	101%	90% - 110%	1510	1516	100%	90% - 110%				
Mo					14	13	92%	90% - 110%								
Na	5.267	5.241	100%	90% - 110%	1.624	1.68	103%	90% - 110%	0.617	0.624	101%	90% - 110%	5.267	5.169	98%	90% - 110%
Ni					32	32	99%	90% - 110%	77.1	69.9	91%	90% - 110%				
P					750	748	100%	90% - 110%	892	912	102%	90% - 110%				
Pb					31	30	97%	90% - 110%					10	8	80%	90% - 110%
S									0.348	0.316	91%	90% - 110%				
Sc					12	12	97%	90% - 110%								
Sr	1191	1183	99%	90% - 110%	144	152	105%	90% - 110%	92.8	89.9	97%	90% - 110%	1191	1168	98%	90% - 110%
Ti	0.172	0.168	98%	90% - 110%	0.53	0.48	90%	90% - 110%					0.172	0.162	94%	90% - 110%
V					77	75	98%	90% - 110%								
Y	119	113	95%	90% - 110%									119	109	92%	90% - 110%
Zn	93	91	98%	90% - 110%	130	123	94%	90% - 110%	208	200	96%	90% - 110%	93	88	95%	90% - 110%

**(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)**

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS5W)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits



**AGAT** Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 19T448864

PROJECT: AGAT00582

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Au	6.87	6.85	100%	90% - 110%	0.725	0.71	98%	90% - 110%	5.27	5.28	100%	90% - 110%	0.562	0.552	98%	90% - 110%
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## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00582  
 SAMPLING SITE:

AGAT WORK ORDER: 19T448864  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE



CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00586

AGAT WORK ORDER: 19T449843

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Apr 11, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T449843

PROJECT: AGAT00586

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 24, 2019      DATE RECEIVED: Mar 25, 2019      DATE REPORTED: Apr 11, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
Z38489 (9990787)		2.85
Z38490 (9990788)		1.30
Z38491 (9990789)		1.56
Z38492 (9990790)		1.27
Z38493 (9990791)		2.27
Z38494 (9990792)		1.95
Z38495 (9990793)		1.26
Z38496 (9990794)		1.48
Z38497 (9990795)		2.58
Z38498 (9990796)		2.58
Z38499 (9990797)		2.05
Z38500 (9990798)		2.26
Z38501 (9990799)		2.50
Z38502 (9990800)		1.09
Z38503 (9990801)		1.27
Z38504 (9990802)		2.42
Z38505 (9990803)		2.16
Z38506 (9990804)		0.07
Z38507 (9990805)		2.57
Z38508 (9990806)		3.05
Z38509 (9990807)		1.19
Z38510 (9990808)		1.08
Z38511 (9990809)		2.06
Z38512 (9990810)		1.29
Z38513 (9990811)		2.46
Z38514 (9990812)		2.20
Z38515 (9990813)		1.42
Z38516 (9990814)		1.82
Z38517 (9990815)		1.21
Z38518 (9990816)		1.21
Z38519 (9990817)		2.50

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T449843

PROJECT: AGAT00586

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 24, 2019      DATE RECEIVED: Mar 25, 2019      DATE REPORTED: Apr 11, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
Z38520 (9990818)		2.39
Z38521 (9990819)		2.37
Z38522 (9990820)		2.23
Z38523 (9990821)		1.49
Z38524 (9990822)		1.77
Z38525 (9990823)		1.61
Z38526 (9990824)		0.07
Z38527 (9990825)		0.89
Z38528 (9990826)		0.86
Z38529 (9990827)		1.43
Z38530 (9990828)		2.44
Z38531 (9990829)		2.41
Z38532 (9990830)		0.90
Z38533 (9990831)		2.47
Z38534 (9990832)		2.32
Z38535 (9990833)		1.96
Z38536 (9990834)		2.32
Z38537 (9990835)		2.43
Z38538 (9990836)		2.43
Z38539 (9990837)		1.99
Z38540 (9990838)		1.37
Z38541 (9990839)		2.49
Z38542 (9990840)		2.30
Z38543 (9990841)		2.26
Z38544 (9990842)		2.41
Z38545 (9990843)		2.23
Z38546 (9990844)		0.07
Z38547 (9990845)		1.78
Z38548 (9990846)		1.29
Z38549 (9990847)		2.68
Z38550 (9990848)		2.39

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T449843

PROJECT: AGAT00586

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 24, 2019	DATE RECEIVED: Mar 25, 2019	DATE REPORTED: Apr 11, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
Z38551 (9990849)		2.30
Z38552 (9990850)		0.95
Z38553 (9990851)		2.14
Z38554 (9990852)		2.14
Z38555 (9990853)		2.12
Z38556 (9990854)		0.95
Z38557 (9990855)		1.18
Z38558 (9990856)		1.18
Z38559 (9990857)		1.53
Z38560 (9990858)		1.70

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T449843

PROJECT: AGAT00586

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 24, 2019	DATE RECEIVED: Mar 25, 2019							DATE REPORTED: Apr 11, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z38489 (9990787)	<0.5	7.40	2	651	2.1	<1	2.15	<0.5	48	4.8	73.3	6.1	3.10	15.0	
Z38490 (9990788)	<0.5	1.99	<1	344	7.1	<1	8.89	<0.5	71	57.2	475	92.1	7.31	23.0	
Z38491 (9990789)	<0.5	3.04	3	554	1.3	<1	1.33	<0.5	45	2.8	72.5	18.5	1.49	< 5	
Z38492 (9990790)	<0.5	0.06	1	17	<0.5	<1	30.8	<0.5	<1	0.8	5.3	7.9	0.20	< 5	
Z38493 (9990791)	<0.5	6.93	<1	831	1.7	<1	1.87	<0.5	35	3.4	88.1	2.1	2.68	14.0	
Z38494 (9990792)	<0.5	4.77	9	385	2.0	<1	6.33	<0.5	33	23.7	140	38.2	5.28	19.0	
Z38495 (9990793)	<0.5	1.81	4	77	4.5	<1	10.8	<0.5	62	61.3	429	74.0	7.97	23.0	
Z38496 (9990794)	<0.5	5.23	3	359	6.7	<1	6.08	<0.5	33	38.9	104	92.4	7.81	25.0	
Z38497 (9990795)	<0.5	2.57	2	408	7.2	<1	7.48	<0.5	83	65.4	476	85.9	7.86	26.0	
Z38498 (9990796)	<0.5	2.54	<1	422	7.3	<1	7.63	<0.5	83	66.5	489	86.8	7.75	26.0	
Z38499 (9990797)	<0.5	7.35	1	731	1.8	<1	2.33	<0.5	53	6.0	77.6	2.5	3.32	14.0	
Z38500 (9990798)	<0.5	6.79	2	730	1.7	<1	1.93	<0.5	44	5.8	108	3.6	3.15	13.0	
Z38501 (9990799)	<0.5	7.50	<1	767	2.3	<1	1.87	<0.5	46	6.7	70.4	9.8	3.49	15.0	
Z38502 (9990800)	<0.5	7.40	<1	730	1.5	<1	2.22	<0.5	46	5.6	65.9	2.2	3.44	14.0	
Z38503 (9990801)	<0.5	6.86	5	662	4.2	<1	3.04	<0.5	73	9.2	108	16.8	3.86	15.0	
Z38504 (9990802)	<0.5	5.95	21	633	4.3	<1	3.75	<0.5	70	13.9	123	23.6	4.08	18.0	
Z38505 (9990803)	<0.5	6.01	7	694	3.7	<1	4.15	<0.5	71	20.4	167	21.8	4.10	18.0	
Z38506 (9990804)	<0.5	6.90	2	187	2.4	3	6.10	<0.5	18	41.0	156	100	7.32	29.0	
Z38507 (9990805)	<0.5	7.10	2	779	3.3	<1	2.17	<0.5	48	7.4	78.5	4.4	3.75	17.0	
Z38508 (9990806)	<0.5	2.10	13	189	8.2	<1	8.63	<0.5	60	66.7	506	80.0	7.12	21.0	
Z38509 (9990807)	<0.5	6.82	14	864	3.5	<1	2.78	<0.5	44	14.7	102	13.9	3.66	17.0	
Z38510 (9990808)	<0.5	7.43	<1	821	1.9	<1	2.13	<0.5	44	5.0	67.6	6.1	3.12	13.0	
Z38511 (9990809)	<0.5	7.36	2	1140	2.1	<1	1.91	<0.5	47	8.5	79.5	13.7	3.65	16.0	
Z38512 (9990810)	<0.5	0.07	2	20	<0.5	<1	32.8	<0.5	<1	<0.5	3.6	<0.5	0.08	< 5	
Z38513 (9990811)	<0.5	6.98	<1	1330	2.4	<1	2.09	<0.5	45	8.9	95.8	17.5	3.45	17.0	
Z38514 (9990812)	<0.5	7.17	2	1350	2.1	<1	2.02	<0.5	39	6.5	70.0	12.1	3.69	16.0	
Z38515 (9990813)	<0.5	6.92	3	1040	2.1	<1	2.02	<0.5	54	7.8	82.5	15.1	3.41	17.0	
Z38516 (9990814)	<0.5	7.18	<1	1650	2.3	<1	1.88	<0.5	46	7.3	66.3	20.7	3.29	17.0	
Z38517 (9990815)	<0.5	2.02	<1	331	5.3	<1	10.4	<0.5	80	62.4	464	72.6	7.25	21.0	
Z38518 (9990816)	<0.5	1.98	<1	244	5.6	<1	10.7	<0.5	86	59.3	502	73.0	7.64	22.0	
Z38519 (9990817)	<0.5	6.99	<1	1430	3.1	<1	2.31	<0.5	41	9.5	98.3	17.5	4.17	18.0	
Z38520 (9990818)	<0.5	6.21	4	431	2.1	<1	2.99	<0.5	10	16.8	80.8	40.2	4.33	20.0	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T449843

PROJECT: AGAT00586

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 24, 2019	DATE RECEIVED: Mar 25, 2019							DATE REPORTED: Apr 11, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z38521 (9990819)	<0.5	6.84	4	603	2.2	<1	2.93	<0.5	39	10.5	82.4	13.1	3.82	19.0	
Z38522 (9990820)	<0.5	8.26	1	826	2.1	<1	2.39	<0.5	47	5.7	53.1	11.3	3.25	15.0	
Z38523 (9990821)	<0.5	7.07	<1	476	2.3	<1	4.97	<0.5	57	23.8	247	<0.5	5.60	24.0	
Z38524 (9990822)	<0.5	7.47	2	621	1.7	<1	2.79	<0.5	47	6.5	71.2	10.5	3.04	14.0	
Z38525 (9990823)	<0.5	7.40	2	672	1.4	<1	2.68	<0.5	46	6.5	58.0	17.4	3.44	14.0	
Z38526 (9990824)	<0.5	7.01	1	147	1.2	2	7.01	<0.5	7	40.5	118	154	7.95	25.0	
Z38527 (9990825)	<0.5	2.26	<1	545	4.4	<1	5.97	<0.5	105	63.1	525	85.0	7.90	26.0	
Z38528 (9990826)	<0.5	6.79	<1	1090	2.5	<1	3.17	<0.5	52	10.4	96.9	75.3	3.93	18.0	
Z38529 (9990827)	<0.5	2.31	<1	553	5.5	<1	6.12	<0.5	89	66.4	657	103	8.59	31.0	
Z38530 (9990828)	<0.5	7.24	<1	587	1.9	<1	2.57	<0.5	42	6.2	60.4	33.4	3.39	12.0	
Z38531 (9990829)	<0.5	7.33	18	753	2.5	<1	3.51	<0.5	91	20.1	98.4	250	4.06	22.0	
Z38532 (9990830)	<0.5	0.05	5	17	<0.5	<1	32.3	<0.5	<1	0.9	3.6	<0.5	0.08	< 5	
Z38533 (9990831)	<0.5	6.53	<1	612	2.6	<1	3.27	<0.5	54	16.9	122	81.4	4.37	19.0	
Z38534 (9990832)	<0.5	7.40	<1	468	2.3	<1	2.59	<0.5	48	6.2	60.5	3.2	3.48	15.0	
Z38535 (9990833)	<0.5	6.96	6	570	3.8	<1	2.50	<0.5	58	6.1	94.3	5.3	3.36	13.0	
Z38536 (9990834)	<0.5	2.68	<1	312	5.2	<1	5.31	<0.5	65	59.2	419	70.3	7.04	22.0	
Z38537 (9990835)	<0.5	7.50	2	372	1.9	<1	2.55	<0.5	50	5.5	69.7	2.6	3.60	13.0	
Z38538 (9990836)	<0.5	7.30	1	370	2.1	<1	2.45	<0.5	48	6.4	63.2	3.0	3.50	14.0	
Z38539 (9990837)	<0.5	6.24	<1	437	3.2	<1	2.97	<0.5	44	11.9	135	9.2	4.09	18.0	
Z38540 (9990838)	<0.5	3.19	4	324	12.1	<1	5.25	<0.5	71	51.9	268	68.7	6.91	27.0	
Z38541 (9990839)	<0.5	7.20	6	391	5.1	<1	2.52	<0.5	50	6.4	70.0	4.8	3.47	16.0	
Z38542 (9990840)	<0.5	3.50	4	747	8.0	<1	7.58	<0.5	120	55.0	416	110	8.82	33.0	
Z38543 (9990841)	<0.5	6.95	12	514	4.3	<1	3.13	<0.5	44	9.2	113	4.7	3.50	15.0	
Z38544 (9990842)	<0.5	7.41	3	390	2.2	<1	2.44	<0.5	49	6.8	79.2	8.7	3.55	17.0	
Z38545 (9990843)	<0.5	7.48	<1	364	1.6	1	2.53	<0.5	46	6.3	86.5	9.1	3.73	14.0	
Z38546 (9990844)	<0.5	7.12	<1	190	1.9	2	6.29	<0.5	18	39.2	141	105	7.50	27.0	
Z38547 (9990845)	<0.5	7.64	7	652	5.1	<1	2.60	<0.5	54	8.8	53.5	180	3.62	15.0	
Z38548 (9990846)	<0.5	2.49	8	183	10.8	<1	7.15	<0.5	45	56.2	456	56.0	5.79	21.0	
Z38549 (9990847)	<0.5	7.50	4	520	2.8	<1	2.47	<0.5	52	6.3	97.0	3.7	3.77	14.0	
Z38550 (9990848)	<0.5	7.34	2	393	1.4	<1	2.49	<0.5	44	5.9	70.5	6.9	3.55	13.0	
Z38551 (9990849)	<0.5	7.32	2	341	1.9	<1	2.48	<0.5	45	6.9	75.9	14.3	3.61	15.0	
Z38552 (9990850)	<0.5	0.07	2	18	<0.5	<1	31.8	<0.5	<1	0.7	4.7	<0.5	0.10	< 5	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T449843

PROJECT: AGAT00586

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 24, 2019	DATE RECEIVED: Mar 25, 2019							DATE REPORTED: Apr 11, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z38553 (9990851)	<0.5	7.34	3	305	1.6	<1	2.58	<0.5	45	6.5	88.2	3.4	3.79	15.0	
Z38554 (9990852)	<0.5	7.29	<1	291	1.6	<1	2.49	<0.5	45	6.7	78.9	3.6	3.63	13.0	
Z38555 (9990853)	<0.5	7.43	2	324	1.6	<1	2.57	<0.5	46	6.5	77.1	16.3	3.52	13.0	
Z38556 (9990854)	<0.5	4.24	5	223	1.8	<1	1.29	<0.5	31	3.2	75.3	15.3	1.56	< 5	
Z38557 (9990855)	<0.5	6.82	42	392	2.8	<1	2.94	<0.5	53	12.5	102	73.2	3.94	16.0	
Z38558 (9990856)	<0.5	6.83	44	396	2.9	<1	2.94	<0.5	54	12.8	98.2	75.5	3.94	20.0	
Z38559 (9990857)	<0.5	7.15	5	471	2.8	<1	2.58	<0.5	45	7.9	96.0	7.7	3.88	17.0	
Z38560 (9990858)	<0.5	3.44	3	658	7.6	<1	7.55	<0.5	127	57.5	474	116	9.32	32.0	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 24, 2019	DATE RECEIVED: Mar 25, 2019					DATE REPORTED: Apr 11, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
Z38489 (9990787)	<1	1.42	21	29	1.12	484	8.0	3.57	18.4	739	<20	<50	0.05	<1	
Z38490 (9990788)	<1	1.32	33	84	7.73	1480	1.2	2.12	527	1490	<20	<50	0.11	<1	
Z38491 (9990789)	<1	1.03	20	15	0.66	268	14.3	1.61	15.2	682	<20	<50	0.04	<1	
Z38492 (9990790)	<1	0.01	2	1	2.46	53	1.5	0.03	0.9	62	<20	<50	0.08	<1	
Z38493 (9990791)	<1	1.66	16	20	1.11	349	8.1	3.48	22.6	699	<20	<50	0.03	<1	
Z38494 (9990792)	<1	2.51	16	14	2.96	1170	9.4	1.68	84.5	3760	180	<50	0.10	<1	
Z38495 (9990793)	<1	0.78	29	327	7.70	1740	1.8	1.49	498	192	<20	<50	0.12	<1	
Z38496 (9990794)	<1	0.79	16	35	3.54	1280	1.9	4.20	98.6	656	<20	<50	0.16	2	
Z38497 (9990795)	<1	1.56	38	68	7.75	1440	1.8	2.33	487	955	<20	<50	0.20	<1	
Z38498 (9990796)	<1	1.52	38	68	7.60	1430	1.8	2.40	510	913	<20	<50	0.19	<1	
Z38499 (9990797)	<1	1.16	23	18	0.79	468	9.6	3.41	10.2	654	<20	<50	0.01	<1	
Z38500 (9990798)	<1	1.09	20	21	0.79	441	19.8	3.13	10.5	693	<20	<50	0.02	<1	
Z38501 (9990799)	<1	1.33	20	25	0.91	479	8.9	3.28	6.6	681	<20	<50	0.05	<1	
Z38502 (9990800)	<1	1.04	20	22	0.79	522	11.1	3.25	4.2	602	<20	<50	0.02	<1	
Z38503 (9990801)	<1	1.56	33	39	1.40	577	7.4	3.70	31.5	727	<20	<50	0.07	<1	
Z38504 (9990802)	<1	3.02	33	127	2.19	688	8.4	2.95	75.7	1420	<20	<50	0.10	2	
Z38505 (9990803)	<1	1.78	33	114	2.38	755	7.1	3.27	145	882	<20	<50	0.08	<1	
Z38506 (9990804)	<1	0.41	10	9	4.08	1260	<0.5	2.10	115	900	<20	<50	0.08	3	
Z38507 (9990805)	<1	1.35	21	33	1.12	495	8.6	3.50	32.3	1040	<20	<50	0.03	<1	
Z38508 (9990806)	<1	1.79	27	354	7.25	1220	2.0	2.29	567	1280	<20	<50	0.10	<1	
Z38509 (9990807)	<1	1.72	20	377	1.66	558	8.2	2.99	74.0	692	<20	<50	0.04	<1	
Z38510 (9990808)	<1	1.18	20	20	0.71	421	8.0	3.39	7.6	532	<20	<50	0.02	<1	
Z38511 (9990809)	<1	1.31	20	32	1.32	425	9.1	3.08	10.9	1770	<20	<50	0.07	<1	
Z38512 (9990810)	<1	0.02	2	1	2.89	50	1.3	0.04	0.5	96	<20	<50	<0.01	<1	
Z38513 (9990811)	<1	1.48	21	34	1.65	516	7.2	3.07	16.5	2270	<20	<50	0.05	<1	
Z38514 (9990812)	<1	1.44	18	31	1.56	440	8.4	3.12	12.7	1530	<20	<50	0.05	<1	
Z38515 (9990813)	<1	1.61	24	27	1.33	447	8.3	3.02	13.7	1330	<20	<50	0.07	<1	
Z38516 (9990814)	<1	1.65	20	30	1.19	352	8.8	3.29	17.4	1870	<20	<50	0.09	<1	
Z38517 (9990815)	<1	1.32	39	374	6.93	1590	2.5	0.88	428	82	<20	<50	0.08	1	
Z38518 (9990816)	<1	1.29	42	344	7.24	1630	2.3	0.88	470	67	<20	<50	0.07	<1	
Z38519 (9990817)	<1	1.31	18	35	1.72	606	4.8	3.34	25.0	1600	<20	<50	0.10	<1	
Z38520 (9990818)	<1	2.01	5	9	1.65	931	7.6	3.41	51.1	309	<20	<50	0.12	<1	

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T449843

PROJECT: AGAT00586

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 24, 2019

DATE RECEIVED: Mar 25, 2019

DATE REPORTED: Apr 11, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
Z38521 (9990819)		<1	1.15	17	23	1.63	622	7.0	3.52	30.2	685	<20	<50	0.05	<1
Z38522 (9990820)		<1	1.37	21	31	0.88	383	9.0	3.38	6.4	692	<20	<50	0.02	<1
Z38523 (9990821)		<1	1.48	25	42	3.55	1270	4.3	2.56	52.7	1330	<20	<50	<0.01	<1
Z38524 (9990822)		<1	1.38	22	26	0.76	474	9.9	3.09	6.8	632	<20	<50	0.04	<1
Z38525 (9990823)		<1	1.08	21	20	0.68	516	7.1	3.36	5.4	705	<20	<50	0.06	<1
Z38526 (9990824)		<1	0.20	4	12	4.30	1380	<0.5	2.22	90.8	422	<20	<50	0.15	<1
Z38527 (9990825)		<1	2.06	47	40	9.91	1270	2.8	2.20	568	1280	<20	<50	0.17	<1
Z38528 (9990826)		<1	0.85	22	25	1.37	540	7.3	4.32	46.8	1080	<20	<50	0.13	2
Z38529 (9990827)		<1	2.54	41	40	10.3	1280	1.5	0.86	601	1410	24	<50	0.18	<1
Z38530 (9990828)		<1	0.98	19	16	0.66	509	6.9	3.51	8.8	644	<20	<50	0.05	<1
Z38531 (9990829)		<1	1.99	42	31	1.87	748	7.1	2.87	70.3	1140	<20	<50	0.40	<1
Z38532 (9990830)		<1	0.01	2	<1	2.26	51	1.5	0.03	<0.5	72	<20	<50	<0.01	<1
Z38533 (9990831)		<1	1.21	24	29	2.03	646	5.6	3.26	90.1	976	<20	<50	0.15	<1
Z38534 (9990832)		<1	1.51	21	18	0.71	728	9.2	3.22	6.7	596	<20	<50	0.03	<1
Z38535 (9990833)		<1	1.63	25	23	0.89	899	6.3	3.35	19.6	778	<20	<50	0.03	<1
Z38536 (9990834)		<1	1.50	31	50	8.74	1150	1.4	3.28	545	1700	<20	<50	0.13	1
Z38537 (9990835)		<1	1.05	21	20	0.66	603	6.9	3.64	6.5	673	<20	<50	0.02	<1
Z38538 (9990836)		<1	1.04	20	20	0.67	644	7.5	3.54	6.1	626	<20	<50	0.02	<1
Z38539 (9990837)		<1	0.99	20	45	1.18	726	5.3	4.53	70	774	<20	<50	0.07	1
Z38540 (9990838)		<1	1.09	34	69	6.77	1060	2.5	3.75	340	1270	<20	<50	0.14	<1
Z38541 (9990839)		<1	1.01	22	25	0.80	575	7.0	3.98	10.2	564	<20	<50	0.03	2
Z38542 (9990840)		<1	2.16	55	31	6.87	1400	1.3	2.05	297	1510	22	<50	0.19	2
Z38543 (9990841)		<1	0.90	20	51	1.03	780	7.0	3.77	31.0	853	<20	<50	0.03	2
Z38544 (9990842)		<1	1.11	21	27	0.67	647	8.7	3.05	5.9	712	<20	<50	0.02	<1
Z38545 (9990843)		<1	1.12	20	33	0.69	631	8.0	3.06	5.2	670	<20	<50	0.03	<1
Z38546 (9990844)		<1	0.42	10	10	4.18	1300	<0.5	2.16	106	869	<20	<50	0.08	2
Z38547 (9990845)		<1	1.24	24	29	0.93	466	5.3	3.80	15.7	864	<20	<50	0.20	2
Z38548 (9990846)		<1	1.69	24	70	8.39	1300	1.4	3.20	523	1360	<20	<50	0.16	<1
Z38549 (9990847)		<1	1.16	22	28	0.77	500	11.5	3.36	6.5	743	<20	<50	0.02	<1
Z38550 (9990848)		<1	1.10	19	33	0.63	519	9.9	2.95	5.6	662	<20	<50	0.02	<1
Z38551 (9990849)		<1	1.12	20	32	0.57	514	13.2	2.94	5.3	665	<20	<50	0.03	<1
Z38552 (9990850)		<1	0.01	3	<1	2.78	70	1.4	0.05	<0.5	85	<20	<50	0.01	<1

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T449843

PROJECT: AGAT00586

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 24, 2019	DATE RECEIVED: Mar 25, 2019					DATE REPORTED: Apr 11, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
Z38553 (9990851)	<1	1.26	19	30	0.64	692	9.0	2.94	5.2	629	<20	<50	0.01	<1	
Z38554 (9990852)	<1	1.09	19	34	0.60	671	13.2	2.91	5.3	645	<20	<50	0.01	<1	
Z38555 (9990853)	<1	1.08	20	28	0.65	672	10.5	3.03	4.9	661	<20	<50	0.03	3	
Z38556 (9990854)	<1	0.89	13	14	0.38	291	18.5	2.05	5.1	378	<20	<50	0.02	<1	
Z38557 (9990855)	<1	1.38	23	31	1.50	813	9.4	2.78	46.4	733	<20	<50	0.09	<1	
Z38558 (9990856)	<1	1.38	24	32	1.50	780	10.0	2.76	47.9	727	<20	<50	0.09	<1	
Z38559 (9990857)	<1	1.15	20	43	1.21	664	9.2	3.35	15.0	855	<20	<50	0.03	<1	
Z38560 (9990858)	<1	1.46	60	40	7.22	1550	3.5	1.35	324	1230	<20	<50	0.12	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T449843

PROJECT: AGAT00586

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 24, 2019

DATE RECEIVED: Mar 25, 2019

DATE REPORTED: Apr 11, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sc ppm 1	Se ppm 10	Sn ppm 5	Sr ppm 1	Ta ppm 10	Te ppm 10	Th ppm 5	Ti % 0.01	Tl ppm 5	U ppm 50	V ppm 0.5	W ppm 1	Y ppm 1	Zn ppm 0.5
Z38489 (9990787)		9	<10	<5	183	<10	<10	<5	0.20	<5	<50	27.5	1	17	79.2
Z38490 (9990788)		30	<10	<5	732	<10	28	<5	0.82	<5	<50	243	2	29	48.6
Z38491 (9990789)		7	<10	<5	136	<10	<10	<5	0.10	<5	<50	49.0	1	5	50.8
Z38492 (9990790)		<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	3.8
Z38493 (9990791)		6	<10	<5	152	<10	<10	<5	0.16	<5	<50	30.9	2	7	23.9
Z38494 (9990792)		15	<10	<5	331	<10	10	<5	0.32	<5	<50	83.2	2	9	205
Z38495 (9990793)		23	<10	<5	669	<10	<10	<5	0.42	<5	<50	205	2	14	37.0
Z38496 (9990794)		39	<10	<5	237	<10	10	<5	0.47	<5	<50	295	4	27	41.6
Z38497 (9990795)		23	<10	<5	623	<10	43	<5	1.00	<5	<50	240	2	30	67.8
Z38498 (9990796)		23	<10	<5	633	<10	45	<5	1.00	<5	<50	245	2	30	68.2
Z38499 (9990797)		10	<10	<5	175	<10	<10	<5	0.26	<5	<50	34.8	1	23	58.5
Z38500 (9990798)		8	<10	<5	161	<10	<10	<5	0.22	<5	<50	30.0	<1	18	45.7
Z38501 (9990799)		11	<10	<5	173	<10	<10	<5	0.24	<5	<50	38.2	2	23	50.1
Z38502 (9990800)		9	<10	<5	183	<10	<10	<5	0.23	<5	<50	18.3	<1	28	53.7
Z38503 (9990801)		25	<10	<5	296	<10	13	<5	0.37	<5	<50	121	3	24	53.3
Z38504 (9990802)		31	<10	<5	367	<10	<10	<5	0.38	<5	<50	206	<1	15	60.9
Z38505 (9990803)		22	<10	<5	289	<10	<10	<5	0.33	<5	<50	79.3	<1	21	47.1
Z38506 (9990804)		34	<10	<5	234	<10	15	<5	0.76	<5	<50	250	1	22	86.1
Z38507 (9990805)		12	<10	<5	222	<10	13	<5	0.29	<5	<50	36.8	2	21	46.8
Z38508 (9990806)		35	<10	<5	654	<10	11	<5	0.50	<5	<50	250	3	30	41.6
Z38509 (9990807)		12	<10	<5	230	<10	<10	<5	0.34	<5	<50	52.2	2	19	47.5
Z38510 (9990808)		8	<10	<5	221	<10	<10	<5	0.23	<5	<50	23.7	2	19	51.1
Z38511 (9990809)		11	<10	<5	197	<10	<10	<5	0.23	<5	<50	31.4	1	23	68.2
Z38512 (9990810)		<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	4.1
Z38513 (9990811)		8	<10	<5	196	<10	<10	<5	0.22	<5	<50	38.3	2	15	63.3
Z38514 (9990812)		9	<10	<5	237	<10	<10	<5	0.21	<5	<50	29.9	<1	17	49.9
Z38515 (9990813)		8	<10	<5	205	<10	<10	<5	0.21	<5	<50	27.8	<1	18	47.5
Z38516 (9990814)		10	<10	<5	243	<10	<10	<5	0.23	<5	<50	36.5	2	15	48.0
Z38517 (9990815)		58	<10	<5	767	<10	<10	<5	0.43	<5	<50	299	2	19	41.3
Z38518 (9990816)		61	<10	<5	780	<10	<10	<5	0.47	<5	<50	311	<1	20	39.3
Z38519 (9990817)		13	<10	<5	207	<10	<10	<5	0.24	<5	<50	66.9	2	21	63.4
Z38520 (9990818)		7	<10	<5	166	<10	<10	<5	0.21	<5	<50	46.8	<1	9	44.8

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T449843

PROJECT: AGAT00586

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 24, 2019

DATE RECEIVED: Mar 25, 2019

DATE REPORTED: Apr 11, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Z38521 (9990819)	10	<10	<5	241	<10	<10	<5	0.26	<5	<50	47.3	1	19	41.7
Z38522 (9990820)	9	<10	<5	299	<10	<10	<5	0.25	<5	<50	25.0	<1	22	60.0
Z38523 (9990821)	21	<10	<5	253	<10	<10	<5	0.33	<5	<50	127	<1	24	120
Z38524 (9990822)	10	<10	<5	281	<10	<10	<5	0.23	<5	<50	26.3	1	21	181
Z38525 (9990823)	9	<10	<5	243	<10	<10	<5	0.26	<5	<50	24.5	2	25	87.5
Z38526 (9990824)	45	<10	<5	115	<10	11	<5	0.63	<5	<50	315	<1	22	81.8
Z38527 (9990825)	18	<10	<5	660	<10	56	<5	1.31	<5	<50	213	<1	25	94.5
Z38528 (9990826)	10	<10	<5	361	<10	17	<5	0.46	<5	<50	50.2	5	28	99.0
Z38529 (9990827)	19	<10	<5	632	<10	85	<5	1.81	<5	<50	249	<1	20	87.3
Z38530 (9990828)	10	<10	<5	266	<10	<10	<5	0.26	6	<50	27.5	1	27	95.9
Z38531 (9990829)	14	<10	<5	424	<10	<10	<5	0.29	<5	<50	66.6	1	23	113
Z38532 (9990830)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	4.0
Z38533 (9990831)	12	<10	<5	387	<10	15	<5	0.44	<5	<50	62.4	2	27	66.9
Z38534 (9990832)	11	<10	<5	179	<10	<10	<5	0.24	<5	<50	31.0	<1	26	59.0
Z38535 (9990833)	12	<10	<5	191	<10	<10	<5	0.26	<5	<50	45.2	1	33	73.7
Z38536 (9990834)	17	<10	<5	511	<10	19	<5	0.55	<5	<50	175	<1	28	74.2
Z38537 (9990835)	9	<10	<5	174	<10	<10	<5	0.28	<5	<50	22.3	<1	25	71.9
Z38538 (9990836)	9	<10	<5	167	<10	<10	<5	0.27	<5	<50	23.2	1	27	67.2
Z38539 (9990837)	10	<10	<5	229	<10	<10	<5	0.39	<5	<50	52.1	2	28	68.7
Z38540 (9990838)	20	<10	<5	515	<10	24	<5	0.58	<5	<50	201	2	31	76.8
Z38541 (9990839)	13	<10	<5	178	<10	<10	<5	0.30	<5	<50	36.6	1	25	61.0
Z38542 (9990840)	26	<10	<5	749	<10	61	<5	1.31	<5	<50	282	<1	28	113
Z38543 (9990841)	13	<10	<5	211	<10	<10	<5	0.24	<5	<50	43.8	2	26	82.1
Z38544 (9990842)	10	<10	<5	164	<10	<10	<5	0.26	<5	<50	25.0	<1	28	71.4
Z38545 (9990843)	10	<10	<5	204	<10	<10	<5	0.26	<5	<50	23.5	1	27	76.1
Z38546 (9990844)	33	<10	<5	241	<10	14	<5	0.80	<5	<50	242	1	22	90.0
Z38547 (9990845)	14	<10	<5	305	<10	<10	<5	0.29	<5	<50	45.2	1	23	68.9
Z38548 (9990846)	18	<10	<5	639	<10	<10	<5	0.33	<5	<50	145	2	27	57.7
Z38549 (9990847)	11	<10	<5	282	<10	<10	<5	0.27	5	<50	27.4	<1	25	74.9
Z38550 (9990848)	9	<10	<5	269	<10	<10	<5	0.26	<5	<50	23.6	2	24	72.6
Z38551 (9990849)	10	<10	<5	246	<10	<10	<5	0.26	<5	<50	25.3	1	24	68.0
Z38552 (9990850)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	3.0

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T449843

PROJECT: AGAT00586

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 24, 2019	DATE RECEIVED: Mar 25, 2019					DATE REPORTED: Apr 11, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Z38553 (9990851)	14	<10	<5	179	<10	<10	<5	0.26	<5	<50	46.2	<1	28	69.2	
Z38554 (9990852)	10	<10	<5	173	<10	<10	<5	0.25	<5	<50	22.6	1	28	70.4	
Z38555 (9990853)	11	<10	<5	187	<10	<10	<5	0.25	<5	<50	22.5	<1	29	78.7	
Z38556 (9990854)	6	<10	<5	123	<10	<10	<5	0.11	<5	<50	25.4	<1	9	27.2	
Z38557 (9990855)	17	<10	<5	241	<10	<10	<5	0.34	<5	<50	82.6	1	28	70.4	
Z38558 (9990856)	17	<10	<5	239	<10	<10	<5	0.34	<5	<50	85.4	3	27	70.2	
Z38559 (9990857)	13	<10	<5	237	<10	<10	<5	0.30	<5	<50	38.6	<1	24	80.1	
Z38560 (9990858)	22	<10	<5	613	<10	58	<5	1.44	<5	<50	276	<1	38	89.3	

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# Certificate of Analysis

AGAT WORK ORDER: 19T449843

PROJECT: AGAT00586

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 24, 2019

DATE RECEIVED: Mar 25, 2019

DATE REPORTED: Apr 11, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Zr
	Unit:	ppm
	RDL:	5
Z38489 (9990787)		176
Z38490 (9990788)		89
Z38491 (9990789)		50
Z38492 (9990790)		<5
Z38493 (9990791)		92
Z38494 (9990792)		31
Z38495 (9990793)		139
Z38496 (9990794)		132
Z38497 (9990795)		158
Z38498 (9990796)		147
Z38499 (9990797)		202
Z38500 (9990798)		153
Z38501 (9990799)		203
Z38502 (9990800)		180
Z38503 (9990801)		274
Z38504 (9990802)		110
Z38505 (9990803)		199
Z38506 (9990804)		101
Z38507 (9990805)		200
Z38508 (9990806)		89
Z38509 (9990807)		183
Z38510 (9990808)		167
Z38511 (9990809)		191
Z38512 (9990810)		<5
Z38513 (9990811)		163
Z38514 (9990812)		147
Z38515 (9990813)		139
Z38516 (9990814)		166
Z38517 (9990815)		127
Z38518 (9990816)		135
Z38519 (9990817)		168
Z38520 (9990818)		54

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T449843

PROJECT: AGAT00586

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 24, 2019

DATE RECEIVED: Mar 25, 2019

DATE REPORTED: Apr 11, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Zr
	Unit:	ppm
	RDL:	5
Z38521 (9990819)		135
Z38522 (9990820)		199
Z38523 (9990821)		149
Z38524 (9990822)		153
Z38525 (9990823)		160
Z38526 (9990824)		58
Z38527 (9990825)		49
Z38528 (9990826)		189
Z38529 (9990827)		94
Z38530 (9990828)		182
Z38531 (9990829)		178
Z38532 (9990830)		<5
Z38533 (9990831)		214
Z38534 (9990832)		197
Z38535 (9990833)		209
Z38536 (9990834)		92
Z38537 (9990835)		214
Z38538 (9990836)		214
Z38539 (9990837)		226
Z38540 (9990838)		146
Z38541 (9990839)		260
Z38542 (9990840)		114
Z38543 (9990841)		257
Z38544 (9990842)		208
Z38545 (9990843)		183
Z38546 (9990844)		96
Z38547 (9990845)		206
Z38548 (9990846)		131
Z38549 (9990847)		181
Z38550 (9990848)		153
Z38551 (9990849)		168
Z38552 (9990850)		<5

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T449843

PROJECT: AGAT00586

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 24, 2019

DATE RECEIVED: Mar 25, 2019

DATE REPORTED: Apr 11, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
Z38553 (9990851)	176
Z38554 (9990852)	186
Z38555 (9990853)	180
Z38556 (9990854)	95
Z38557 (9990855)	234
Z38558 (9990856)	244
Z38559 (9990857)	197
Z38560 (9990858)	59

Comments: RDL - Reported Detection Limit

9990787-9990858 As, Sb values may be low due to digestion losses.

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T449843

PROJECT: AGAT00586

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 24, 2019

DATE RECEIVED: Mar 25, 2019

DATE REPORTED: Apr 11, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
Z38489 (9990787)			0.004
Z38490 (9990788)			0.001
Z38491 (9990789)			<0.001
Z38492 (9990790)			<0.001
Z38493 (9990791)			<0.001
Z38494 (9990792)			0.001
Z38495 (9990793)			<0.001
Z38496 (9990794)			0.003
Z38497 (9990795)			<0.001
Z38498 (9990796)			0.002
Z38499 (9990797)			<0.001
Z38500 (9990798)			<0.001
Z38501 (9990799)			<0.001
Z38502 (9990800)			<0.001
Z38503 (9990801)			<0.001
Z38504 (9990802)			<0.001
Z38505 (9990803)			<0.001
Z38506 (9990804)			0.348
Z38507 (9990805)			0.003
Z38508 (9990806)			0.002
Z38509 (9990807)			0.001
Z38510 (9990808)			0.001
Z38511 (9990809)			<0.001
Z38512 (9990810)			<0.001
Z38513 (9990811)			<0.001
Z38514 (9990812)			<0.001
Z38515 (9990813)			<0.001
Z38516 (9990814)			0.001
Z38517 (9990815)			<0.001
Z38518 (9990816)			<0.001
Z38519 (9990817)			0.002
Z38520 (9990818)			<0.001

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T449843

PROJECT: AGAT00586

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 24, 2019      DATE RECEIVED: Mar 25, 2019      DATE REPORTED: Apr 11, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
Z38521 (9990819)	<0.001		
Z38522 (9990820)	<0.001		
Z38523 (9990821)	<0.001		
Z38524 (9990822)	<0.001		
Z38525 (9990823)	0.001		
Z38526 (9990824)	0.524		
Z38527 (9990825)	0.002		
Z38528 (9990826)	0.001		
Z38529 (9990827)	0.001		
Z38530 (9990828)	<0.001		
Z38531 (9990829)	0.002		
Z38532 (9990830)	<0.001		
Z38533 (9990831)	0.001		
Z38534 (9990832)	<0.001		
Z38535 (9990833)	<0.001		
Z38536 (9990834)	<0.001		
Z38537 (9990835)	0.001		
Z38538 (9990836)	0.001		
Z38539 (9990837)	0.004		
Z38540 (9990838)	0.002		
Z38541 (9990839)	0.002		
Z38542 (9990840)	0.001		
Z38543 (9990841)	<0.001		
Z38544 (9990842)	<0.001		
Z38545 (9990843)	0.002		
Z38546 (9990844)	0.331		
Z38547 (9990845)	0.002		
Z38548 (9990846)	0.002		
Z38549 (9990847)	0.010		
Z38550 (9990848)	<0.001		
Z38551 (9990849)	0.002		
Z38552 (9990850)	0.002		

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T449843

PROJECT: AGAT00586

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 24, 2019      DATE RECEIVED: Mar 25, 2019      DATE REPORTED: Apr 11, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
Z38553 (9990851)			0.001
Z38554 (9990852)			0.005
Z38555 (9990853)			0.001
Z38556 (9990854)			0.002
Z38557 (9990855)			0.003
Z38558 (9990856)			0.001
Z38559 (9990857)			<0.001
Z38560 (9990858)			0.001

Comments: RDL - Reported Detection Limit

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T449843

PROJECT: AGAT00586

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 24, 2019      DATE RECEIVED: Mar 25, 2019      DATE REPORTED: Apr 11, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
Z38490 (9990788)		94
Z38508 (9990806)		79
Z38509 (9990807)		83
Z38528 (9990826)		81
Z38548 (9990846)		81
Z38549 (9990847)		86

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	9990787	< 0.5	< 0.5	0.0%	9990801	< 0.5	< 0.5	0.0%	9990812	< 0.5	< 0.5	0.0%	9990826	< 0.5	< 0.5	0.0%
Al	9990787	7.40	7.45	0.7%	9990801	6.86	6.53	4.9%	9990812	7.17	7.02	2.1%	9990826	6.79	6.93	2.0%
As	9990787	2	1		9990801	5	6	18.2%	9990812	2	1	66.7%	9990826	< 1	< 1	0.0%
Ba	9990787	651	655	0.6%	9990801	662	629	5.1%	9990812	1350	1500	10.5%	9990826	1090	1100	0.9%
Be	9990787	2.1	2.0	4.9%	9990801	4.2	4.2	0.0%	9990812	2.08	2.04	1.9%	9990826	2.45	2.19	11.2%
Bi	9990787	< 1	2		9990801	< 1	< 1	0.0%	9990812	< 1	< 1	0.0%	9990826	< 1	< 1	0.0%
Ca	9990787	2.15	2.13	0.9%	9990801	3.04	2.91	4.4%	9990812	2.02	2.02	0.0%	9990826	3.17	3.17	0.0%
Cd	9990787	< 0.5	< 0.5	0.0%	9990801	< 0.5	< 0.5	0.0%	9990812	< 0.5	< 0.5	0.0%	9990826	< 0.5	< 0.5	0.0%
Ce	9990787	48	45	6.5%	9990801	73	73	0.0%	9990812	39	38	2.6%	9990826	52	58	10.9%
Co	9990787	4.78	4.96	3.7%	9990801	9.23	9.39	1.7%	9990812	6.54	6.78	3.6%	9990826	10.4	10.3	1.0%
Cr	9990787	73.3	63.9	13.7%	9990801	108	110	1.8%	9990812	70.0	82.0	15.8%	9990826	96.9	95.9	1.0%
Cu	9990787	6.07	5.22	15.1%	9990801	16.8	15.4	8.7%	9990812	12.1	13.1	7.9%	9990826	75.3	77.8	3.3%
Fe	9990787	3.10	3.07	1.0%	9990801	3.86	3.68	4.8%	9990812	3.69	3.71	0.5%	9990826	3.93	4.05	3.0%
Ga	9990787	15.0	14.0	6.9%	9990801	15.0	16.0	6.5%	9990812	16.0	18.0	11.8%	9990826	18.0	20.0	10.5%
In	9990787	< 1	< 1	0.0%	9990801	< 1	< 1	0.0%	9990812	< 1	< 1	0.0%	9990826	< 1	< 1	0.0%
K	9990787	1.42	1.42	0.0%	9990801	1.56	1.50	3.9%	9990812	1.44	1.38	4.3%	9990826	0.85	0.88	3.5%
La	9990787	21	19	10.0%	9990801	33	33	0.0%	9990812	18	17	5.7%	9990826	22	26	16.7%
Li	9990787	29	29	0.0%	9990801	39	37	5.3%	9990812	31	30	3.3%	9990826	25	25	0.0%
Mg	9990787	1.12	1.10	1.8%	9990801	1.40	1.35	3.6%	9990812	1.56	1.56	0.0%	9990826	1.37	1.41	2.9%
Mn	9990787	484	476	1.7%	9990801	577	549	5.0%	9990812	440	431	2.1%	9990826	540	555	2.7%
Mo	9990787	8.0	8.2	2.5%	9990801	7.4	8.1	9.0%	9990812	8.44	9.80	14.9%	9990826	7.3	7.3	0.0%
Na	9990787	3.57	3.62	1.4%	9990801	3.70	3.54	4.4%	9990812	3.12	3.06	1.9%	9990826	4.32	4.51	4.3%
Ni	9990787	18.4	17.2	6.7%	9990801	31.5	32.2	2.2%	9990812	12.7	13.2	3.9%	9990826	46.8	48.5	3.6%
P	9990787	739	710	4.0%	9990801	727	730	0.4%	9990812	1530	1490	2.6%	9990826	1080	1080	0.0%
Pb	9990787	< 20	< 20	0.0%	9990801	< 20	< 20	0.0%	9990812	< 20	< 20	0.0%	9990826	< 20	< 20	0.0%
Rb	9990787	< 50	< 50	0.0%	9990801	< 50	< 50	0.0%	9990812	< 50	< 50	0.0%	9990826	< 50	< 50	0.0%
S	9990787	0.051	0.055	7.5%	9990801	0.066	0.062	6.3%	9990812	0.053	0.063	17.2%	9990826	0.130	0.138	6.0%
Sb	9990787	< 1	< 1	0.0%	9990801	< 1	< 1	0.0%	9990812	< 1	2		9990826	2	< 1	
Sc	9990787	9	8	11.8%	9990801	25	25	0.0%	9990812	9	9	0.0%	9990826	10	10	0.0%
Se	9990787	< 10	< 10	0.0%	9990801	< 10	< 10	0.0%	9990812	< 10	< 10	0.0%	9990826	< 10	< 10	0.0%
Sn	9990787	< 5	< 5	0.0%	9990801	< 5	< 5	0.0%	9990812	< 5	< 5	0.0%	9990826	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	9990787	183	183	0.0%	9990801	296	284	4.1%	9990812	237	238	0.4%	9990826	361	376	4.1%
Ta	9990787	< 10	< 10	0.0%	9990801	< 10	< 10	0.0%	9990812	< 10	< 10	0.0%	9990826	< 10	< 10	0.0%
Te	9990787	< 10	< 10	0.0%	9990801	13	10	26.1%	9990812	< 10	< 10	0.0%	9990826	17	17	0.0%
Th	9990787	< 5	< 5	0.0%	9990801	< 5	< 5	0.0%	9990812	< 5	< 5	0.0%	9990826	< 5	< 5	0.0%
Ti	9990787	0.20	0.20	0.0%	9990801	0.37	0.35	5.6%	9990812	0.21	0.21	0.0%	9990826	0.464	0.476	2.6%
Tl	9990787	< 5	< 5	0.0%	9990801	< 5	< 5	0.0%	9990812	< 5	< 5	0.0%	9990826	< 5	< 5	0.0%
U	9990787	< 50	< 50	0.0%	9990801	< 50	< 50	0.0%	9990812	< 50	< 50	0.0%	9990826	< 50	< 50	0.0%
V	9990787	27.5	27.1	1.5%	9990801	121	125	3.3%	9990812	29.9	29.9	0.0%	9990826	50.2	50.5	0.6%
W	9990787	1	2		9990801	3	2		9990812	< 1	1		9990826	5	6	18.2%
Y	9990787	17	17	0.0%	9990801	24	24	0.0%	9990812	17	17	0.0%	9990826	28	28	0.0%
Zn	9990787	79.2	69.8	12.6%	9990801	53.3	50.0	6.4%	9990812	49.9	50.7	1.6%	9990826	99.0	103	4.0%
Zr	9990787	176	170	3.5%	9990801	274	272	0.7%	9990812	147	154	4.7%	9990826	189	192	1.6%

Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	9990837	< 0.5	< 0.5	0.0%	9990851	< 0.5	< 0.5	0.0%								
Al	9990837	6.24	6.95	10.8%	9990851	7.34	7.36	0.3%								
As	9990837	< 1	< 1	0.0%	9990851	3	2	40.0%								
Ba	9990837	437	476	8.5%	9990851	305	306	0.3%								
Be	9990837	3.2	2.8	13.3%	9990851	1.61	1.69	4.8%								
Bi	9990837	< 1	< 1	0.0%	9990851	< 1	< 1	0.0%								
Ca	9990837	2.97	2.80	5.9%	9990851	2.58	2.59	0.4%								
Cd	9990837	< 0.5	< 0.5	0.0%	9990851	< 0.5	< 0.5	0.0%								
Ce	9990837	44	52	16.7%	9990851	45	47	4.3%								
Co	9990837	11.9	11.4	4.3%	9990851	6.5	6.4	1.6%								
Cr	9990837	135	109	21.3%	9990851	88.2	79.0	11.0%								
Cu	9990837	9.2	8.5	7.9%	9990851	3.37	3.28	2.7%								
Fe	9990837	4.09	3.94	3.7%	9990851	3.79	3.80	0.3%								
Ga	9990837	18.0	17.0	5.7%	9990851	15.0	16.0	6.5%								
In	9990837	< 1	< 1	0.0%	9990851	< 1	< 1	0.0%								
K	9990837	0.99	1.03	4.0%	9990851	1.26	1.26	0.0%								
La	9990837	20	23	14.0%	9990851	19	20	5.1%								
Li	9990837	45	36	22.2%	9990851	30	30	0.0%								
Mg	9990837	1.18	1.25	5.8%	9990851	0.64	0.64	0.0%								
Mn	9990837	726	649	11.2%	9990851	692	683	1.3%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	9990837	5.3	5.9	10.7%	9990851	9.04	9.10	0.7%								
Na	9990837	4.53	4.40	2.9%	9990851	2.94	2.89	1.7%								
Ni	9990837	70	62.0	12.1%	9990851	5.21	5.66	8.3%								
P	9990837	774	783	1.2%	9990851	629	635	0.9%								
Pb	9990837	< 20	< 20	0.0%	9990851	< 20	< 20	0.0%								
Rb	9990837	< 50	< 50	0.0%	9990851	< 50	< 50	0.0%								
S	9990837	0.067	0.062	7.8%	9990851	0.01	0.01	0.0%								
Sb	9990837	1	< 1		9990851	< 1	1									
Sc	9990837	10	9	10.5%	9990851	14	15	6.9%								
Se	9990837	< 10	< 10	0.0%	9990851	< 10	< 10	0.0%								
Sn	9990837	< 5	< 5	0.0%	9990851	< 5	< 5	0.0%								
Sr	9990837	229	215	6.3%	9990851	179	180	0.6%								
Ta	9990837	< 10	< 10	0.0%	9990851	< 10	< 10	0.0%								
Te	9990837	< 10	13		9990851	< 10	< 10	0.0%								
Th	9990837	< 5	< 5	0.0%	9990851	< 5	< 5	0.0%								
Ti	9990837	0.389	0.342	12.9%	9990851	0.26	0.26	0.0%								
Tl	9990837	< 5	< 5	0.0%	9990851	< 5	< 5	0.0%								
U	9990837	< 50	< 50	0.0%	9990851	< 50	< 50	0.0%								
V	9990837	52.1	38.8	29.3%	9990851	46.2	45.6	1.3%								
W	9990837	2	< 1		9990851	< 1	2									
Y	9990837	28	26	7.4%	9990851	28	29	3.5%								
Zn	9990837	68.7	67.4	1.9%	9990851	69.2	69.7	0.7%								
Zr	9990837	226	227	0.4%	9990851	176	179	1.7%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	9990787	0.0037	0.0030	20.9%	9990801	< 0.001	< 0.001	0.0%	9990812	< 0.001	< 0.001	0.0%	9990826	0.001	0.001	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	9990837	0.004	0.002		9990851	0.001	0.005									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.82	99%	90% - 110%	8.17	8.29	101%	90% - 110%	6.96	6.94	100%	90% - 110%	10.95	10.88	99%	90% - 110%
As					26	26	99%	90% - 110%	124	129	104%	90% - 110%				
Ba	340	331	97%	90% - 110%	540	546	101%	90% - 110%	186	193	104%	90% - 110%	340	339	100%	90% - 110%
Be	2.6	2.7	105%	90% - 110%	4.0	4.1	102%	90% - 110%					2.6	2.8	108%	90% - 110%
Ca	5.72	5.44	95%	90% - 110%	0.907	0.905	100%	90% - 110%	4.01	4	100%	90% - 110%	5.72	5.62	98%	90% - 110%
Ce	122	118	97%	90% - 110%	98	99	101%	90% - 110%	24	23	94%	90% - 110%	122	120	98%	90% - 110%
Co									22.1	21.2	96%	90% - 110%				
Cr					60.3	60.7	101%	90% - 110%								
Cu	7	6	82%	90% - 110%	150	153	102%	90% - 110%	88.6	89.6	101%	90% - 110%	7	6	82%	90% - 110%
Fe	4.34	4.11	95%	90% - 110%	3.77	3.79	100%	90% - 110%	7.56	7.43	98%	90% - 110%	4.34	4.16	96%	90% - 110%
Ga	35	37	105%	90% - 110%									35	36	103%	90% - 110%
K	1.37	1.41	103%	90% - 110%					2.021	2.055	102%	90% - 110%	1.37	1.42	104%	90% - 110%
La	58	53	92%	90% - 110%	44	41	94%	90% - 110%					58	53	92%	90% - 110%
Li	37	38	103%	90% - 110%	47	47	100%	90% - 110%					37	38	103%	90% - 110%
Mg	0.325	0.299	92%	90% - 110%	1.10	1.11	101%	90% - 110%	2.412	2.46	102%	90% - 110%	0.325	0.312	96%	90% - 110%
Mn					780	775	99%	90% - 110%	1510	1471	97%	90% - 110%				
Mo					14	13	91%	90% - 110%								
Na	5.267	5.146	98%	90% - 110%	1.624	1.67	103%	90% - 110%	0.617	0.623	101%	90% - 110%	5.267	5.221	99%	90% - 110%
Ni					32	33	102%	90% - 110%	77.1	74.6	97%	90% - 110%				
P					750	736	98%	90% - 110%	892	941	105%	90% - 110%				
Pb					31	33	105%	90% - 110%								
S									0.348	0.343	99%	90% - 110%				
Sc					12	12	100%	90% - 110%								
Sr	1191	1174	99%	90% - 110%	144	156	108%	90% - 110%	92.8	93.1	100%	90% - 110%	1191	1197	101%	90% - 110%
Ta					1.9	2.3	122%	90% - 110%								
Ti	0.172	0.159	92%	90% - 110%	0.53	0.47	88%	90% - 110%					0.172	0.16	93%	90% - 110%
V					77	78	101%	90% - 110%								
W					5	6	126%	90% - 110%								
Y	119	116	97%	90% - 110%									119	120	101%	90% - 110%
Zn	93	91	98%	90% - 110%	130	127	98%	90% - 110%	208	219	105%	90% - 110%	93	95	102%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS5W)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.64	97%	90% - 110%	0.725	0.683	94%	90% - 110%	5.27	5.63	107%	90% - 110%	0.562	0.545	97%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00586  
 SAMPLING SITE:

AGAT WORK ORDER: 19T449843  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00587

AGAT WORK ORDER: 19T449847

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Apr 11, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T449847

PROJECT: AGAT00587

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 24, 2019      DATE RECEIVED: Mar 25, 2019      DATE REPORTED: Apr 11, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
Z38561 (9990867)		1.39
Z38562 (9990868)		1.31
Z38563 (9990869)		0.91
Z38564 (9990870)		1.01
Z38565 (9990871)		1.50
Z38566 (9990872)		0.07
Z38567 (9990873)		1.45
Z38568 (9990874)		2.59
Z38569 (9990875)		2.68
Z38570 (9990876)		1.72
Z38571 (9990877)		1.92
Z38572 (9990878)		0.94
Z38573 (9990879)		2.09
Z38574 (9990880)		1.82
Z38575 (9990881)		1.11
Z38576 (9990882)		2.42
Z38577 (9990883)		2.58
Z38578 (9990884)		2.58
Z38579 (9990885)		2.31
Z38580 (9990886)		2.36
Z38581 (9990887)		2.29
Z38582 (9990888)		2.32
Z38583 (9990889)		1.85
Z38584 (9990890)		0.72
Z38585 (9990891)		2.04
Z38586 (9990892)		0.06
Z38587 (9990893)		2.33
Z38588 (9990894)		2.21
Z38589 (9990895)		2.41
Z38590 (9990896)		1.81
Z38591 (9990897)		1.68

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T449847

PROJECT: AGAT00587

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 MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 24, 2019      DATE RECEIVED: Mar 25, 2019      DATE REPORTED: Apr 11, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
Z38592 (9990898)		0.62
Z38593 (9990899)		0.72
Z38594 (9990900)		1.35
Z38595 (9990901)		2.54
Z38596 (9990902)		2.29
Z38597 (9990903)		1.73
Z38598 (9990904)		1.73
Z38599 (9990905)		0.75
Z38600 (9990906)		1.76
Z38601 (9990907)		2.29
Z38602 (9990908)		2.29
Z38603 (9990909)		2.10
Z38604 (9990910)		2.27
Z38605 (9990911)		2.30
Z38606 (9990912)		0.07
Z38607 (9990913)		2.48
Z38608 (9990914)		1.94
Z38609 (9990915)		2.11
Z38610 (9990916)		0.87
Z38611 (9990917)		1.78
Z38612 (9990918)		0.92
Z38613 (9990919)		1.91
Z38614 (9990920)		1.84
Z38615 (9990921)		2.38
Z38616 (9990922)		1.94
Z38617 (9990923)		2.11
Z38618 (9990924)		2.11
Z38619 (9990925)		2.15
Z38620 (9990926)		2.47
Z38621 (9990927)		2.33
Z38622 (9990928)		1.95

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T449847

PROJECT: AGAT00587

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 24, 2019      DATE RECEIVED: Mar 25, 2019      DATE REPORTED: Apr 11, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
Z38623 (9990929)		1.40
Z38624 (9990930)		1.87
Z38625 (9990931)		2.00
Z38626 (9990932)		0.07
Z38627 (9990933)		2.05
Z38628 (9990934)		1.78
Z38629 (9990935)		2.28
Z38630 (9990936)		2.34
Z38631 (9990937)		1.63
Z38632 (9990938)		0.73

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T449847

PROJECT: AGAT00587

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MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 24, 2019	DATE RECEIVED: Mar 25, 2019							DATE REPORTED: Apr 11, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z38561 (9990867)	<0.5	5.47	6	329	3.5	<1	3.97	<0.5	82	17.2	120	47.3	4.75	24.0	
Z38562 (9990868)	<0.5	6.17	3	345	3.1	1	2.22	<0.5	68	8.2	77.4	41.5	4.22	21.0	
Z38563 (9990869)	<0.5	3.68	4	592	8.4	11	7.28	<0.5	161	39.3	276	142	9.23	34.0	
Z38564 (9990870)	<0.5	7.67	<1	636	3.6	<1	1.78	<0.5	63	4.9	58.4	6.3	4.40	20.0	
Z38565 (9990871)	<0.5	3.16	2	177	6.1	2	7.45	<0.5	100	46.0	373	75.1	6.25	23.0	
Z38566 (9990872)	<0.5	7.15	<1	149	1.3	4	6.75	<0.5	8	35.5	124	161	7.86	26.0	
Z38567 (9990873)	<0.5	5.38	5	317	7.5	<1	3.97	<0.5	56	23.7	237	25.9	4.82	21.0	
Z38568 (9990874)	<0.5	7.41	<1	389	2.0	<1	2.06	<0.5	45	5.2	64.4	5.9	3.51	17.0	
Z38569 (9990875)	<0.5	7.74	<1	428	2.0	1	2.39	<0.5	46	5.7	70.8	3.1	3.76	15.0	
Z38570 (9990876)	<0.5	7.45	2	362	2.4	<1	2.12	<0.5	48	4.7	56.0	4.3	3.41	14.0	
Z38571 (9990877)	<0.5	7.42	<1	291	2.1	<1	2.25	<0.5	46	4.9	61.8	2.4	3.28	13.0	
Z38572 (9990878)	<0.5	0.07	1	17	<0.5	<1	32.8	<0.5	<1	<0.5	1.5	<0.5	0.09	< 5	
Z38573 (9990879)	<0.5	7.71	<1	153	2.5	<1	1.81	<0.5	30	2.0	40.1	4.0	1.70	16.0	
Z38574 (9990880)	<0.5	7.90	3	187	1.6	<1	1.56	<0.5	33	2.0	40.3	4.1	1.63	14.0	
Z38575 (9990881)	<0.5	6.79	5	239	1.0	<1	0.66	<0.5	27	0.9	24.1	3.4	0.61	9.00	
Z38576 (9990882)	<0.5	2.68	<1	368	6.6	9	8.59	<0.5	94	45.6	342	114	7.52	26.0	
Z38577 (9990883)	<0.5	7.25	2	414	1.8	<1	2.43	<0.5	51	7.1	66.5	16.0	3.56	15.0	
Z38578 (9990884)	<0.5	7.38	3	427	1.7	<1	2.51	<0.5	50	7.2	70.0	17.5	3.57	14.0	
Z38579 (9990885)	<0.5	7.64	<1	444	1.5	2	2.63	<0.5	46	5.1	96.2	13.5	3.68	13.0	
Z38580 (9990886)	<0.5	7.59	4	540	2.0	<1	2.93	<0.5	70	8.1	90.6	37.3	3.75	18.0	
Z38581 (9990887)	<0.5	7.71	<1	431	1.6	1	2.67	<0.5	46	5.0	74.4	5.0	3.62	12.0	
Z38582 (9990888)	<0.5	7.68	1	307	1.6	1	2.53	<0.5	42	5.4	66.8	5.3	3.51	14.0	
Z38583 (9990889)	<0.5	7.52	<1	285	1.6	<1	2.69	<0.5	45	5.4	79.9	8.3	3.58	14.0	
Z38584 (9990890)	<0.5	8.92	2	335	3.4	<1	2.02	<0.5	46	0.9	30.0	3.1	0.75	18.0	
Z38585 (9990891)	<0.5	7.63	<1	334	1.7	1	2.65	<0.5	44	5.1	82.7	2.1	3.55	14.0	
Z38586 (9990892)	<0.5	7.09	<1	148	1.6	2	6.47	<0.5	8	38.0	130	152	7.81	29.0	
Z38587 (9990893)	<0.5	7.45	2	315	1.5	<1	2.71	<0.5	49	5.7	76.1	2.8	3.36	13.0	
Z38588 (9990894)	<0.5	7.55	<1	338	1.5	<1	2.99	<0.5	43	5.6	80.3	8.3	3.78	14.0	
Z38589 (9990895)	<0.5	7.83	<1	406	1.4	1	2.77	<0.5	43	6.3	76.7	91.1	3.66	15.0	
Z38590 (9990896)	<0.5	7.82	<1	474	1.5	<1	2.79	<0.5	50	6.3	81.7	19.7	3.70	18.0	
Z38591 (9990897)	<0.5	7.58	<1	516	1.4	<1	2.32	<0.5	42	4.5	79.5	8.5	3.71	13.0	
Z38592 (9990898)	<0.5	0.07	3	27	<0.5	<1	32.6	<0.5	<1	0.6	2.6	<0.5	0.09	< 5	

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T449847

PROJECT: AGAT00587

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 24, 2019	DATE RECEIVED: Mar 25, 2019							DATE REPORTED: Apr 11, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z38593 (9990899)	<0.5	8.01	<1	2120	1.8	<1	0.83	<0.5	10	<0.5	40.8	1.3	1.42	12.0	
Z38594 (9990900)	<0.5	3.65	2	431	7.4	3	8.68	<0.5	179	32.1	199	88.8	6.93	24.0	
Z38595 (9990901)	<0.5	7.26	<1	433	2.3	<1	2.80	<0.5	52	6.4	78.1	24.5	3.67	16.0	
Z38596 (9990902)	<0.5	7.55	1	451	1.8	1	2.62	<0.5	45	6.3	80.1	20.2	3.64	14.0	
Z38597 (9990903)	<0.5	7.45	1	387	1.7	<1	2.79	<0.5	45	7.1	76.1	45.6	3.65	15.0	
Z38598 (9990904)	<0.5	7.55	<1	451	2.2	<1	2.91	<0.5	54	6.1	81.3	26.7	3.81	15.0	
Z38599 (9990905)	<0.5	2.44	<1	492	4.5	<1	5.38	<0.5	67	51.4	501	55.0	6.46	27.0	
Z38600 (9990906)	<0.5	7.72	1	430	1.9	<1	2.82	<0.5	53	6.1	80.0	90.5	3.42	14.0	
Z38601 (9990907)	<0.5	7.49	<1	369	1.6	<1	2.87	<0.5	47	6.4	73.9	75.7	3.44	14.0	
Z38602 (9990908)	<0.5	7.43	<1	462	1.5	<1	2.72	<0.5	46	5.0	69.2	10.0	3.35	13.0	
Z38603 (9990909)	<0.5	7.45	<1	479	1.7	<1	2.71	<0.5	43	5.1	61.6	10.5	3.33	14.0	
Z38604 (9990910)	<0.5	7.48	<1	503	1.7	<1	2.92	<0.5	51	9.5	97.0	3.1	3.80	16.0	
Z38605 (9990911)	<0.5	7.41	<1	384	1.5	<1	2.76	<0.5	37	6.0	76.6	5.3	3.81	17.0	
Z38606 (9990912)	<0.5	7.51	<1	200	2.3	4	6.41	<0.5	20	34.4	132	109	7.73	29.0	
Z38607 (9990913)	<0.5	7.70	2	339	1.6	1	2.61	<0.5	48	6.0	63.5	3.0	3.53	15.0	
Z38608 (9990914)	<0.5	7.55	<1	323	1.4	1	2.55	<0.5	47	6.6	69.8	4.8	3.59	15.0	
Z38609 (9990915)	<0.5	7.81	1	458	1.7	2	2.29	<0.5	44	6.2	58.3	40.3	2.91	14.0	
Z38610 (9990916)	<0.5	5.78	<1	224	2.2	3	6.35	<0.5	38	34.9	455	<0.5	7.16	28.0	
Z38611 (9990917)	<0.5	7.85	<1	435	1.5	2	2.56	<0.5	49	5.6	76.7	17.8	3.62	15.0	
Z38612 (9990918)	<0.5	0.07	<1	18	<0.5	<1	32.8	<0.5	<1	0.8	5.1	<0.5	0.09	< 5	
Z38613 (9990919)	<0.5	7.38	<1	324	1.5	<1	2.75	<0.5	50	5.9	63.6	2.9	3.47	15.0	
Z38614 (9990920)	<0.5	7.27	7	362	1.9	<1	2.82	<0.5	35	6.0	56.2	6.9	3.19	14.0	
Z38615 (9990921)	<0.5	5.89	<1	183	2.4	3	5.70	<0.5	41	31.4	412	2.4	6.17	26.0	
Z38616 (9990922)	<0.5	7.60	<1	362	1.7	<1	2.66	<0.5	47	5.8	68.5	14.8	3.60	14.0	
Z38617 (9990923)	<0.5	6.71	<1	347	3.3	<1	3.46	<0.5	50	14.6	146	17.7	3.96	22.0	
Z38618 (9990924)	<0.5	6.88	<1	350	3.2	2	3.45	<0.5	52	14.0	147	19.4	4.01	19.0	
Z38619 (9990925)	<0.5	7.36	1	319	1.9	<1	2.49	<0.5	42	6.0	71.9	2.1	3.45	16.0	
Z38620 (9990926)	<0.5	7.48	<1	325	1.6	2	2.63	<0.5	46	5.6	67.2	21.9	3.50	13.0	
Z38621 (9990927)	<0.5	7.71	<1	358	1.3	2	2.65	<0.5	47	5.6	61.4	18.2	3.67	15.0	
Z38622 (9990928)	<0.5	7.58	<1	375	1.7	<1	2.68	<0.5	47	5.9	94.7	4.1	3.54	13.0	
Z38623 (9990929)	<0.5	2.60	<1	777	8.5	3	10.8	<0.5	332	36.6	198	112	8.29	28.0	
Z38624 (9990930)	<0.5	7.48	3	532	2.6	1	2.55	<0.5	44	6.8	76.1	21.8	3.46	14.0	

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T449847

PROJECT: AGAT00587

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 24, 2019	DATE RECEIVED: Mar 25, 2019					DATE REPORTED: Apr 11, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z38625 (9990931)	<0.5	7.70	<1	335	1.6	<1	2.50	<0.5	40	6.4	62.5	40.3	3.45	13.0	
Z38626 (9990932)	<0.5	7.26	<1	194	2.3	3	6.30	<0.5	20	34.8	131	108	7.44	28.0	
Z38627 (9990933)	<0.5	8.20	<1	317	1.5	2	2.96	<0.5	48	5.8	66.3	15.1	3.88	15.0	
Z38628 (9990934)	<0.5	7.62	<1	276	1.7	<1	2.78	<0.5	43	5.7	69.7	10.1	3.64	16.0	
Z38629 (9990935)	<0.5	7.74	<1	269	2.2	<1	2.61	<0.5	54	6.5	69.3	14.0	3.52	18.0	
Z38630 (9990936)	<0.5	7.57	1	294	1.8	<1	2.57	<0.5	43	6.8	76.7	11.1	3.54	15.0	
Z38631 (9990937)	<0.5	7.58	<1	321	2.0	<1	2.51	<0.5	47	5.8	63.7	8.9	3.39	16.0	
Z38632 (9990938)	<0.5	0.08	2	16	<0.5	<1	32.3	<0.5	<1	0.7	5.0	<0.5	0.09	< 5	

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AGAT WORK ORDER: 19T449847

PROJECT: AGAT00587

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 24, 2019

DATE RECEIVED: Mar 25, 2019

DATE REPORTED: Apr 11, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
Z38561 (9990867)		<1	0.73	36	43	3.24	1020	7.6	3.74	84.4	1560	<20	<50	0.16	<1
Z38562 (9990868)		<1	0.84	28	34	2.25	714	10.3	4.04	45.4	413	<20	<50	0.09	<1
Z38563 (9990869)		<1	1.42	71	40	7.18	1280	<0.5	1.53	245	4230	<20	<50	0.25	<1
Z38564 (9990870)		<1	1.22	26	66	1.64	452	7.7	4.61	32.9	1890	<20	<50	0.04	1
Z38565 (9990871)		<1	0.96	44	75	6.52	1410	1.3	3.37	336	2190	<20	<50	0.14	<1
Z38566 (9990872)		<1	0.21	3	13	4.31	1360	<0.5	2.37	81.9	368	<20	<50	0.15	3
Z38567 (9990873)		<1	0.88	24	137	4.33	956	6.6	4.34	206	767	<20	<50	0.08	<1
Z38568 (9990874)		<1	1.47	18	31	0.93	589	8.3	3.31	10.1	640	<20	<50	0.02	<1
Z38569 (9990875)		<1	1.30	19	37	0.65	637	13.4	3.34	5.7	624	<20	<50	0.01	<1
Z38570 (9990876)		<1	1.46	19	29	0.67	567	7.8	3.44	4.9	594	<20	<50	0.03	<1
Z38571 (9990877)		<1	1.38	18	30	0.59	601	12.0	3.35	6.1	646	<20	<50	0.01	<1
Z38572 (9990878)		<1	0.01	2	<1	2.15	53	<0.5	0.04	<0.5	78	<20	<50	0.01	<1
Z38573 (9990879)		<1	0.93	12	18	0.25	1270	10.4	3.94	2.8	258	<20	<50	<0.01	1
Z38574 (9990880)		<1	3.05	14	13	0.28	925	12.0	3.54	3.2	298	23	<50	0.01	<1
Z38575 (9990881)		<1	5.70	11	5	0.25	172	9.1	2.49	9.2	357	34	<50	0.03	<1
Z38576 (9990882)		<1	2.06	42	189	7.01	1300	1.6	2.45	339	2030	<20	<50	0.19	<1
Z38577 (9990883)		<1	2.32	20	28	0.89	538	7.6	3.16	12.5	821	<20	<50	0.10	<1
Z38578 (9990884)		<1	2.33	20	29	0.90	539	9.9	3.24	13.0	805	<20	<50	0.10	1
Z38579 (9990885)		<1	1.36	18	31	0.64	637	11.4	3.15	5.7	620	<20	<50	0.04	<1
Z38580 (9990886)		<1	1.53	29	37	1.08	610	10.9	3.05	22.9	824	<20	<50	0.10	<1
Z38581 (9990887)		<1	1.25	18	33	0.65	572	8.6	3.20	5.3	646	<20	<50	0.02	<1
Z38582 (9990888)		<1	1.36	17	38	0.59	645	12.4	3.06	6.3	581	<20	<50	0.02	<1
Z38583 (9990889)		<1	1.18	18	33	0.67	706	8.9	2.89	6.1	603	<20	<50	0.02	<1
Z38584 (9990890)		<1	2.59	20	14	0.12	198	11.1	4.05	3.0	202	<20	<50	<0.01	<1
Z38585 (9990891)		<1	1.36	18	38	0.65	663	9.7	2.82	5.8	627	<20	<50	0.01	<1
Z38586 (9990892)		<1	0.21	4	12	4.27	1350	<0.5	2.28	82.6	399	<20	<50	0.15	<1
Z38587 (9990893)		<1	1.70	20	31	0.61	636	12.2	2.86	6.1	548	<20	<50	0.04	<1
Z38588 (9990894)		<1	1.47	17	38	0.71	656	8.7	2.66	7.1	598	<20	<50	0.03	<1
Z38589 (9990895)		<1	1.40	17	35	0.71	745	13.9	2.83	7.2	596	<20	<50	0.17	1
Z38590 (9990896)		<1	1.45	21	50	0.75	644	9.8	2.66	6.0	642	<20	<50	0.04	<1
Z38591 (9990897)		<1	1.49	17	31	0.70	649	12.6	2.63	5.6	651	<20	<50	0.03	<1
Z38592 (9990898)		<1	0.03	2	1	2.31	52	0.6	0.04	0.8	90	<20	<50	0.01	<1

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T449847

PROJECT: AGAT00587

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 24, 2019	DATE RECEIVED: Mar 25, 2019					DATE REPORTED: Apr 11, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
Z38593 (9990899)	<1	6.87	4	22	0.42	194	8.8	2.19	3.5	822	43	<50	0.01	<1	
Z38594 (9990900)	<1	1.84	80	57	5.11	1410	6.0	3.30	160	4170	<20	<50	0.20	<1	
Z38595 (9990901)	<1	1.30	22	36	0.86	835	11.7	3.05	15.0	616	<20	<50	0.06	<1	
Z38596 (9990902)	<1	1.57	19	40	0.68	688	9.3	2.86	7.3	584	<20	<50	0.08	<1	
Z38597 (9990903)	<1	1.42	18	38	0.67	711	14.6	2.73	7.5	626	<20	<50	0.12	<1	
Z38598 (9990904)	<1	1.33	22	37	0.88	879	12.2	3.15	15.3	645	<20	<50	0.06	1	
Z38599 (9990905)	<1	2.02	30	48	9.95	1040	1.6	3.16	512	669	<20	<50	0.08	<1	
Z38600 (9990906)	<1	1.26	22	22	0.70	658	14.9	3.22	10.0	689	<20	<50	0.21	<1	
Z38601 (9990907)	<1	1.78	20	28	0.70	698	9.3	3.02	8.3	539	<20	<50	0.16	<1	
Z38602 (9990908)	<1	1.30	18	25	0.64	614	11.7	3.05	6.5	589	<20	<50	0.02	<1	
Z38603 (9990909)	<1	1.91	17	30	0.66	586	9.5	2.80	6.4	589	<20	<50	0.03	<1	
Z38604 (9990910)	<1	1.51	22	38	1.48	595	10.4	2.80	18.8	776	<20	<50	0.01	1	
Z38605 (9990911)	<1	1.41	14	34	0.95	585	7.1	3.20	9.9	622	<20	<50	0.02	<1	
Z38606 (9990912)	<1	0.46	9	11	4.40	1330	<0.5	2.43	101	833	<20	<50	0.09	<1	
Z38607 (9990913)	<1	1.33	19	38	0.65	558	10.4	3.10	6.7	645	<20	<50	0.01	<1	
Z38608 (9990914)	<1	1.31	19	33	0.63	657	8.4	3.03	6.1	640	<20	<50	0.02	<1	
Z38609 (9990915)	<1	1.49	18	31	0.75	423	10.9	3.17	7.4	589	<20	<50	0.05	<1	
Z38610 (9990916)	<1	1.51	15	50	6.18	1850	3.5	1.53	98.4	1230	<20	<50	<0.01	<1	
Z38611 (9990917)	<1	1.45	20	41	0.81	484	11.3	3.10	5.9	671	<20	<50	0.03	<1	
Z38612 (9990918)	<1	0.02	2	1	2.30	47	0.5	0.05	1.0	101	<20	<50	<0.01	<1	
Z38613 (9990919)	<1	1.14	21	30	0.64	620	7.4	2.85	8.5	621	<20	<50	0.01	<1	
Z38614 (9990920)	<1	1.45	14	18	0.74	465	8.4	4.06	6.6	669	<20	<50	0.02	<1	
Z38615 (9990921)	<1	1.05	17	36	5.32	1490	3.1	2.00	94.8	1080	<20	<50	0.01	<1	
Z38616 (9990922)	<1	1.29	19	31	0.68	481	10.7	3.08	5.5	629	<20	<50	0.03	<1	
Z38617 (9990923)	<1	1.33	21	38	2.31	692	6.7	3.14	75.4	921	<20	<50	0.04	<1	
Z38618 (9990924)	<1	1.36	22	38	2.26	690	9.6	3.20	70.5	951	<20	<50	0.04	<1	
Z38619 (9990925)	<1	1.48	17	36	0.67	560	6.7	3.38	6.7	560	<20	<50	0.02	<1	
Z38620 (9990926)	<1	1.22	18	32	0.61	600	9.8	3.16	6.4	596	<20	<50	0.05	<1	
Z38621 (9990927)	<1	1.28	19	31	0.65	619	6.9	3.11	6.2	659	<20	<50	0.04	<1	
Z38622 (9990928)	<1	1.23	20	34	0.64	629	15.4	3.46	7.5	629	<20	<50	0.02	<1	
Z38623 (9990929)	<1	2.08	139	39	6.22	1700	2.5	1.81	162	8670	<20	<50	0.18	<1	
Z38624 (9990930)	<1	1.60	18	39	0.67	662	9.8	3.93	7.7	560	41	<50	0.11	<1	

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## Certificate of Analysis

AGAT WORK ORDER: 19T449847

PROJECT: AGAT00587

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 24, 2019	DATE RECEIVED: Mar 25, 2019					DATE REPORTED: Apr 11, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:														
Z38625 (9990931)	<1	1.26	16	24	0.63	645	6.8	3.70	6.0	569	<20	<50	0.19	1	
Z38626 (9990932)	<1	0.44	9	11	4.24	1280	<0.5	2.39	103	848	<20	<50	0.09	<1	
Z38627 (9990933)	<1	1.24	18	36	0.70	752	9.5	3.39	5.7	663	<20	<50	0.09	<1	
Z38628 (9990934)	<1	1.34	17	30	0.61	672	7.8	3.12	6.2	740	<20	<50	0.08	<1	
Z38629 (9990935)	<1	1.31	21	31	0.66	641	10.9	3.30	6.6	693	<20	<50	0.13	<1	
Z38630 (9990936)	<1	1.29	17	28	0.67	674	8.4	3.38	7.1	646	<20	<50	0.14	<1	
Z38631 (9990937)	<1	1.29	18	28	0.63	685	10.3	3.16	6.1	640	<20	<50	0.10	<1	
Z38632 (9990938)	<1	0.01	3	<1	2.22	42	1.1	0.05	<0.5	110	<20	<50	<0.01	1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 24, 2019	DATE RECEIVED: Mar 25, 2019					DATE REPORTED: Apr 11, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Z38561 (9990867)	10	<10	<5	360	<10	11	<5	0.49	<5	<50	81.9	<1	41	41.5	
Z38562 (9990868)	10	<10	<5	195	<10	<10	<5	0.39	<5	<50	50.2	<1	23	42.7	
Z38563 (9990869)	18	<10	7	728	<10	57	<5	1.82	<5	<50	282	<1	46	65.2	
Z38564 (9990870)	12	<10	<5	198	<10	<10	<5	0.44	<5	<50	34.7	<1	30	53.5	
Z38565 (9990871)	16	<10	<5	750	<10	<10	<5	0.52	<5	<50	161	<1	33	39.8	
Z38566 (9990872)	42	<10	<5	114	<10	10	<5	0.68	<5	<50	283	<1	20	77.0	
Z38567 (9990873)	13	<10	5	339	<10	<10	<5	0.41	<5	<50	69.2	<1	22	45.9	
Z38568 (9990874)	10	<10	<5	169	<10	<10	<5	0.26	<5	<50	26.4	<1	23	56.7	
Z38569 (9990875)	9	<10	<5	183	<10	<10	<5	0.29	<5	<50	21.7	<1	24	80.0	
Z38570 (9990876)	11	<10	<5	168	<10	<10	<5	0.25	5	<50	27.2	<1	24	57.6	
Z38571 (9990877)	9	<10	5	153	<10	<10	<5	0.24	<5	<50	20.5	<1	22	77.3	
Z38572 (9990878)	<1	<10	<5	70	<10	<10	<5	<0.01	5	<50	1.0	<1	2	3.4	
Z38573 (9990879)	11	<10	<5	114	<10	<10	<5	0.10	<5	<50	7.4	<1	55	52.8	
Z38574 (9990880)	6	<10	<5	95	<10	<10	<5	0.10	<5	<50	7.9	<1	33	38.1	
Z38575 (9990881)	2	<10	<5	90	<10	<10	<5	0.03	<5	<50	7.0	<1	6	97.7	
Z38576 (9990882)	36	<10	7	737	<10	31	<5	1.26	<5	<50	261	<1	24	61.1	
Z38577 (9990883)	11	<10	<5	206	<10	<10	<5	0.27	<5	<50	37.7	<1	19	48.4	
Z38578 (9990884)	11	<10	<5	210	<10	<10	<5	0.27	<5	<50	35.8	<1	18	47.6	
Z38579 (9990885)	10	<10	<5	221	<10	<10	<5	0.28	<5	<50	24.8	<1	24	69.0	
Z38580 (9990886)	10	<10	<5	326	<10	<10	<5	0.29	<5	<50	36.7	<1	22	63.0	
Z38581 (9990887)	10	<10	<5	240	<10	<10	<5	0.29	<5	<50	22.7	<1	24	68.5	
Z38582 (9990888)	8	<10	<5	180	<10	<10	<5	0.27	<5	<50	24.3	<1	23	69.8	
Z38583 (9990889)	10	<10	<5	172	<10	<10	<5	0.29	<5	<50	25.2	<1	26	77.4	
Z38584 (9990890)	3	<10	<5	139	<10	<10	7	0.04	<5	<50	4.3	<1	12	18.4	
Z38585 (9990891)	10	<10	<5	183	<10	<10	<5	0.28	<5	<50	24.7	<1	26	66.7	
Z38586 (9990892)	43	<10	5	109	<10	14	<5	0.68	<5	<50	291	<1	21	72.1	
Z38587 (9990893)	10	<10	<5	188	<10	<10	<5	0.25	<5	<50	25.5	<1	25	55.1	
Z38588 (9990894)	9	<10	<5	204	<10	<10	<5	0.29	<5	<50	28.2	<1	25	65.2	
Z38589 (9990895)	9	<10	<5	237	<10	<10	<5	0.30	<5	<50	25.1	<1	24	116	
Z38590 (9990896)	9	<10	<5	235	<10	<10	<5	0.31	<5	<50	26.5	<1	25	76.4	
Z38591 (9990897)	9	<10	<5	203	<10	<10	<5	0.30	<5	<50	24.7	<1	24	88.6	
Z38592 (9990898)	<1	<10	<5	72	<10	<10	<5	<0.01	6	<50	1.0	<1	2	3.7	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 24, 2019	DATE RECEIVED: Mar 25, 2019					DATE REPORTED: Apr 11, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Z38593 (9990899)	4	<10	<5	222	<10	<10	<5	0.09	<5	<50	8.5	<1	15	46.6	
Z38594 (9990900)	22	<10	5	1200	<10	<10	<5	0.95	<5	<50	204	<1	53	88.5	
Z38595 (9990901)	10	<10	<5	229	<10	<10	<5	0.34	<5	<50	33.4	<1	30	82.7	
Z38596 (9990902)	9	<10	<5	218	<10	<10	<5	0.30	<5	<50	27.1	<1	23	99.9	
Z38597 (9990903)	10	<10	<5	221	<10	<10	<5	0.29	<5	<50	31.6	<1	24	98.4	
Z38598 (9990904)	10	<10	5	236	<10	<10	<5	0.35	<5	<50	33.2	<1	30	83.6	
Z38599 (9990905)	17	<10	<5	472	<10	21	<5	0.82	<5	<50	158	<1	26	52.6	
Z38600 (9990906)	8	<10	<5	258	<10	<10	<5	0.29	<5	<50	25.0	<1	21	95.6	
Z38601 (9990907)	8	<10	<5	236	<10	<10	<5	0.27	<5	<50	26.2	<1	19	74.7	
Z38602 (9990908)	9	<10	<5	235	<10	<10	<5	0.28	<5	<50	24.6	<1	22	80.5	
Z38603 (9990909)	9	<10	<5	190	<10	<10	<5	0.25	<5	<50	27.3	<1	22	89.5	
Z38604 (9990910)	11	<10	<5	252	<10	<10	<5	0.32	5	<50	41.3	<1	20	80.6	
Z38605 (9990911)	11	<10	<5	182	<10	<10	<5	0.27	<5	<50	31.1	<1	25	64.6	
Z38606 (9990912)	33	<10	<5	254	<10	18	<5	0.89	<5	<50	229	<1	21	83.9	
Z38607 (9990913)	9	<10	<5	166	<10	<10	<5	0.30	<5	<50	26.6	<1	23	66.4	
Z38608 (9990914)	10	<10	<5	187	<10	<10	<5	0.30	5	<50	26.5	<1	24	67.1	
Z38609 (9990915)	7	<10	<5	321	<10	<10	<5	0.28	<5	<50	25.6	<1	17	54.5	
Z38610 (9990916)	30	<10	<5	140	<10	<10	<5	0.45	<5	<50	172	<1	27	111	
Z38611 (9990917)	9	<10	<5	302	<10	<10	<5	0.32	<5	<50	26.6	<1	22	60.4	
Z38612 (9990918)	<1	<10	<5	71	<10	<10	<5	<0.01	6	<50	1.2	<1	2	4.1	
Z38613 (9990919)	10	<10	<5	188	<10	<10	<5	0.29	<5	<50	24.1	<1	24	64.1	
Z38614 (9990920)	9	<10	<5	246	<10	<10	<5	0.26	<5	<50	28.6	<1	16	31.2	
Z38615 (9990921)	26	<10	<5	182	<10	<10	<5	0.37	7	<50	145	<1	23	96.4	
Z38616 (9990922)	9	<10	<5	253	<10	<10	<5	0.30	<5	<50	24.7	<1	23	62.4	
Z38617 (9990923)	13	<10	<5	271	<10	<10	<5	0.40	<5	<50	59.8	<1	25	62.2	
Z38618 (9990924)	13	<10	<5	272	<10	<10	<5	0.39	<5	<50	57.6	<1	25	63.8	
Z38619 (9990925)	10	<10	<5	181	<10	<10	<5	0.27	<5	<50	29.6	<1	24	70.5	
Z38620 (9990926)	9	<10	<5	173	<10	<10	<5	0.29	5	<50	26.1	<1	22	61.3	
Z38621 (9990927)	10	<10	<5	187	<10	<10	<5	0.31	<5	<50	27.5	<1	23	67.4	
Z38622 (9990928)	9	<10	<5	209	<10	<10	<5	0.30	<5	<50	30.0	<1	23	63.4	
Z38623 (9990929)	21	<10	7	1270	<10	41	<5	1.27	<5	<50	238	<1	55	92.3	
Z38624 (9990930)	9	<10	<5	205	<10	<10	<5	0.28	<5	<50	40.0	<1	19	123	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 24, 2019

DATE RECEIVED: Mar 25, 2019

DATE REPORTED: Apr 11, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm
Z38625 (9990931)		8	<10	<5	196	<10	<10	<5	0.28	<5	<50	24.2	<1	20	62.0
Z38626 (9990932)		32	<10	<5	248	<10	23	<5	0.87	<5	<50	216	<1	20	85.2
Z38627 (9990933)		11	<10	5	183	<10	<10	<5	0.32	<5	<50	26.6	<1	28	73.5
Z38628 (9990934)		10	<10	<5	173	<10	<10	<5	0.27	<5	<50	28.4	<1	23	61.7
Z38629 (9990935)		10	<10	<5	168	<10	<10	<5	0.28	<5	<50	27.6	<1	24	115
Z38630 (9990936)		9	<10	<5	173	<10	<10	<5	0.27	<5	<50	27.6	<1	22	107
Z38631 (9990937)		10	<10	<5	174	<10	<10	<5	0.27	5	<50	27.0	<1	27	96.6
Z38632 (9990938)		<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	4.0

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 24, 2019      DATE RECEIVED: Mar 25, 2019      DATE REPORTED: Apr 11, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
Z38561 (9990867)				237
Z38562 (9990868)				204
Z38563 (9990869)				288
Z38564 (9990870)				209
Z38565 (9990871)				235
Z38566 (9990872)				53
Z38567 (9990873)				246
Z38568 (9990874)				184
Z38569 (9990875)				186
Z38570 (9990876)				181
Z38571 (9990877)				182
Z38572 (9990878)				<5
Z38573 (9990879)				114
Z38574 (9990880)				95
Z38575 (9990881)				39
Z38576 (9990882)				217
Z38577 (9990883)				142
Z38578 (9990884)				137
Z38579 (9990885)				158
Z38580 (9990886)				166
Z38581 (9990887)				175
Z38582 (9990888)				165
Z38583 (9990889)				158
Z38584 (9990890)				29
Z38585 (9990891)				167
Z38586 (9990892)				54
Z38587 (9990893)				166
Z38588 (9990894)				127
Z38589 (9990895)				145
Z38590 (9990896)				137
Z38591 (9990897)				125
Z38592 (9990898)				<5

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 24, 2019      DATE RECEIVED: Mar 25, 2019      DATE REPORTED: Apr 11, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
Z38593 (9990899)				18
Z38594 (9990900)				271
Z38595 (9990901)				143
Z38596 (9990902)				129
Z38597 (9990903)				131
Z38598 (9990904)				145
Z38599 (9990905)				143
Z38600 (9990906)				141
Z38601 (9990907)				120
Z38602 (9990908)				136
Z38603 (9990909)				123
Z38604 (9990910)				124
Z38605 (9990911)				136
Z38606 (9990912)				91
Z38607 (9990913)				158
Z38608 (9990914)				153
Z38609 (9990915)				140
Z38610 (9990916)				70
Z38611 (9990917)				129
Z38612 (9990918)				<5
Z38613 (9990919)				137
Z38614 (9990920)				109
Z38615 (9990921)				87
Z38616 (9990922)				150
Z38617 (9990923)				167
Z38618 (9990924)				152
Z38619 (9990925)				142
Z38620 (9990926)				157
Z38621 (9990927)				148
Z38622 (9990928)				143
Z38623 (9990929)				168
Z38624 (9990930)				154

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DATE SAMPLED: Mar 24, 2019      DATE RECEIVED: Mar 25, 2019      DATE REPORTED: Apr 11, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
Z38625 (9990931)				142
Z38626 (9990932)				87
Z38627 (9990933)				176
Z38628 (9990934)				174
Z38629 (9990935)				185
Z38630 (9990936)				182
Z38631 (9990937)				190
Z38632 (9990938)				<5

Comments: RDL - Reported Detection Limit  
9990867-9990938 As, Sb values may be low due to digestion losses.

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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 24, 2019      DATE RECEIVED: Mar 25, 2019      DATE REPORTED: Apr 11, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au	ppm	0.001	
Z38561 (9990867)				0.029
Z38562 (9990868)				0.011
Z38563 (9990869)				0.002
Z38564 (9990870)				0.006
Z38565 (9990871)				0.001
Z38566 (9990872)				0.529
Z38567 (9990873)				< 0.001
Z38568 (9990874)				0.002
Z38569 (9990875)				0.001
Z38570 (9990876)				0.002
Z38571 (9990877)				< 0.001
Z38572 (9990878)				< 0.001
Z38573 (9990879)				< 0.001
Z38574 (9990880)				< 0.001
Z38575 (9990881)				0.002
Z38576 (9990882)				< 0.001
Z38577 (9990883)				0.001
Z38578 (9990884)				0.001
Z38579 (9990885)				< 0.001
Z38580 (9990886)				0.001
Z38581 (9990887)				0.001
Z38582 (9990888)				0.002
Z38583 (9990889)				< 0.001
Z38584 (9990890)				0.006
Z38585 (9990891)				0.002
Z38586 (9990892)				0.546
Z38587 (9990893)				0.002
Z38588 (9990894)				< 0.001
Z38589 (9990895)				0.002
Z38590 (9990896)				0.001
Z38591 (9990897)				< 0.001
Z38592 (9990898)				< 0.001

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T449847

PROJECT: AGAT00587

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 24, 2019      DATE RECEIVED: Mar 25, 2019      DATE REPORTED: Apr 11, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
Z38593 (9990899)		< 0.001	
Z38594 (9990900)		< 0.001	
Z38595 (9990901)		0.002	
Z38596 (9990902)		0.001	
Z38597 (9990903)		0.003	
Z38598 (9990904)		0.004	
Z38599 (9990905)		< 0.001	
Z38600 (9990906)		0.002	
Z38601 (9990907)		0.003	
Z38602 (9990908)		< 0.001	
Z38603 (9990909)		< 0.001	
Z38604 (9990910)		0.003	
Z38605 (9990911)		0.002	
Z38606 (9990912)		0.339	
Z38607 (9990913)		0.001	
Z38608 (9990914)		< 0.001	
Z38609 (9990915)		0.001	
Z38610 (9990916)		< 0.001	
Z38611 (9990917)		0.001	
Z38612 (9990918)		< 0.001	
Z38613 (9990919)		0.001	
Z38614 (9990920)		<0.001	
Z38615 (9990921)		0.001	
Z38616 (9990922)		0.001	
Z38617 (9990923)		<0.001	
Z38618 (9990924)		0.001	
Z38619 (9990925)		<0.001	
Z38620 (9990926)		0.001	
Z38621 (9990927)		0.001	
Z38622 (9990928)		0.009	
Z38623 (9990929)		0.001	
Z38624 (9990930)		0.002	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T449847

PROJECT: AGAT00587

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 24, 2019      DATE RECEIVED: Mar 25, 2019      DATE REPORTED: Apr 11, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
Z38625 (9990931)			0.002
Z38626 (9990932)			0.320
Z38627 (9990933)			0.008
Z38628 (9990934)			0.001
Z38629 (9990935)			0.002
Z38630 (9990936)			0.001
Z38631 (9990937)			0.002
Z38632 (9990938)			<0.001

Comments: RDL - Reported Detection Limit

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T449847

PROJECT: AGAT00587

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 24, 2019

DATE RECEIVED: Mar 25, 2019

DATE REPORTED: Apr 11, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
Z38561 (9990867)		85
Z38580 (9990886)		78
Z38597 (9990903)		75
Z38598 (9990904)		75
Z38620 (9990926)		75

Comments: RDL - Reported Detection Limit

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	9990867	< 0.5	< 0.5	0.0%	9990881	< 0.5	< 0.5	0.0%	9990893	< 0.5	< 0.5	0.0%	9990906	< 0.5	< 0.5	0.0%
Al	9990867	5.47	5.46	0.2%	9990881	6.79	6.57	3.3%	9990893	7.45	7.69	3.2%	9990906	7.72	7.75	0.4%
As	9990867	6	6	0.0%	9990881	5	4	22.2%	9990893	2	3	40.0%	9990906	1	< 1	
Ba	9990867	329	342	3.9%	9990881	239	231	3.4%	9990893	315	327	3.7%	9990906	430	435	1.2%
Be	9990867	3.54	3.63	2.5%	9990881	1.0	1.0	0.0%	9990893	1.5	1.5	0.0%	9990906	1.9	1.9	0.0%
Bi	9990867	< 1	< 1	0.0%	9990881	< 1	< 1	0.0%	9990893	< 1	< 1	0.0%	9990906	< 1	< 1	0.0%
Ca	9990867	3.97	4.20	5.6%	9990881	0.662	0.642	3.1%	9990893	2.71	2.75	1.5%	9990906	2.82	2.81	0.4%
Cd	9990867	< 0.5	< 0.5	0.0%	9990881	< 0.5	< 0.5	0.0%	9990893	< 0.5	< 0.5	0.0%	9990906	< 0.5	< 0.5	0.0%
Ce	9990867	82	79	3.7%	9990881	27	26	3.8%	9990893	49	45	8.5%	9990906	53	50	5.8%
Co	9990867	17.2	16.5	4.2%	9990881	0.9	0.9	0.0%	9990893	5.68	5.49	3.4%	9990906	6.09	5.84	4.2%
Cr	9990867	120	113	6.0%	9990881	24.1	23.2	3.8%	9990893	76.1	100	27.1%	9990906	80.0	72.9	9.3%
Cu	9990867	47.3	47.8	1.1%	9990881	3.4	3.3	3.0%	9990893	2.8	3.4	19.4%	9990906	90.5	90.8	0.3%
Fe	9990867	4.75	4.77	0.4%	9990881	0.61	0.59	3.3%	9990893	3.36	3.44	2.4%	9990906	3.42	3.40	0.6%
Ga	9990867	24.0	21.0	13.3%	9990881	9.00	9.0	0.0%	9990893	13.0	14.0	7.4%	9990906	14.0	14.0	0.0%
In	9990867	< 1	< 1	0.0%	9990881	< 1	< 1	0.0%	9990893	< 1	< 1	0.0%	9990906	< 1	< 1	0.0%
K	9990867	0.73	0.73	0.0%	9990881	5.70	5.54	2.8%	9990893	1.70	1.76	3.5%	9990906	1.26	1.28	1.6%
La	9990867	36	34	5.7%	9990881	11	11	0.0%	9990893	20	18	10.5%	9990906	22	20	9.5%
Li	9990867	43	42	2.4%	9990881	5	5	0.0%	9990893	31	32	3.2%	9990906	22	23	4.4%
Mg	9990867	3.24	3.28	1.2%	9990881	0.25	0.25	0.0%	9990893	0.61	0.62	1.6%	9990906	0.704	0.707	0.4%
Mn	9990867	1020	1040	1.9%	9990881	172	170	1.2%	9990893	636	616	3.2%	9990906	658	646	1.8%
Mo	9990867	7.6	8.2	7.6%	9990881	9.1	9.4	3.2%	9990893	12.2	15.3	22.5%	9990906	14.9	16.3	9.0%
Na	9990867	3.74	3.88	3.7%	9990881	2.49	2.38	4.5%	9990893	2.86	2.93	2.4%	9990906	3.22	3.20	0.6%
Ni	9990867	84.4	82.5	2.3%	9990881	9.18	9.02	1.8%	9990893	6.1	6.5	6.3%	9990906	9.97	8.53	15.6%
P	9990867	1560	1570	0.6%	9990881	357	354	0.8%	9990893	548	536	2.2%	9990906	689	665	3.5%
Pb	9990867	< 20	< 20	0.0%	9990881	34	34	0.0%	9990893	< 20	< 20	0.0%	9990906	< 20	< 20	0.0%
Rb	9990867	< 50	< 50	0.0%	9990881	< 50	< 50	0.0%	9990893	< 50	< 50	0.0%	9990906	< 50	< 50	0.0%
S	9990867	0.156	0.144	8.0%	9990881	0.03	0.03	0.0%	9990893	0.039	0.033	16.7%	9990906	0.210	0.203	3.4%
Sb	9990867	< 1	2		9990881	< 1	< 1	0.0%	9990893	< 1	< 1	0.0%	9990906	< 1	< 1	0.0%
Sc	9990867	10	10	0.0%	9990881	2	2	0.0%	9990893	10	10	0.0%	9990906	8	8	0.0%
Se	9990867	< 10	< 10	0.0%	9990881	< 10	< 10	0.0%	9990893	< 10	< 10	0.0%	9990906	< 10	< 10	0.0%
Sn	9990867	< 5	< 5	0.0%	9990881	< 5	< 5	0.0%	9990893	< 5	< 5	0.0%	9990906	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	9990867	360	373	3.5%	9990881	90	85	5.7%	9990893	188	194	3.1%	9990906	258	257	0.4%
Ta	9990867	< 10	< 10	0.0%	9990881	< 10	< 10	0.0%	9990893	< 10	< 10	0.0%	9990906	< 10	< 10	0.0%
Te	9990867	11	14	24.0%	9990881	< 10	< 10	0.0%	9990893	< 10	< 10	0.0%	9990906	< 10	< 10	0.0%
Th	9990867	< 5	< 5	0.0%	9990881	< 5	< 5	0.0%	9990893	< 5	< 5	0.0%	9990906	< 5	< 5	0.0%
Ti	9990867	0.49	0.49	0.0%	9990881	0.03	0.03	0.0%	9990893	0.255	0.264	3.5%	9990906	0.29	0.29	0.0%
Tl	9990867	< 5	< 5	0.0%	9990881	< 5	6		9990893	< 5	< 5	0.0%	9990906	< 5	< 5	0.0%
U	9990867	< 50	< 50	0.0%	9990881	< 50	< 50	0.0%	9990893	< 50	< 50	0.0%	9990906	< 50	< 50	0.0%
V	9990867	81.9	79.9	2.5%	9990881	7.02	7.20	2.5%	9990893	25.5	25.0	2.0%	9990906	25.0	24.0	4.1%
W	9990867	< 1	< 1	0.0%	9990881	< 1	< 1	0.0%	9990893	< 1	< 1	0.0%	9990906	< 1	< 1	0.0%
Y	9990867	41	40	2.5%	9990881	6	6	0.0%	9990893	25	23	8.3%	9990906	21	20	4.9%
Zn	9990867	41.5	42.5	2.4%	9990881	97.7	97.3	0.4%	9990893	55.1	55.9	1.4%	9990906	95.6	97.8	2.3%
Zr	9990867	237	236	0.4%	9990881	39	42	7.4%	9990893	166	164	1.2%	9990906	141	144	2.1%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	9990917	< 0.5	< 0.5	0.0%	9990931	< 0.5	< 0.5	0.0%								
Al	9990917	7.85	7.89	0.5%	9990931	7.70	7.74	0.5%								
As	9990917	< 1	< 1	0.0%	9990931	< 1	< 1	0.0%								
Ba	9990917	435	433	0.5%	9990931	335	334	0.3%								
Be	9990917	1.5	1.5	0.0%	9990931	1.63	1.77	8.2%								
Bi	9990917	2	1		9990931	< 1	1									
Ca	9990917	2.56	2.59	1.2%	9990931	2.50	2.51	0.4%								
Cd	9990917	< 0.5	< 0.5	0.0%	9990931	< 0.5	< 0.5	0.0%								
Ce	9990917	49	49	0.0%	9990931	40	41	2.5%								
Co	9990917	5.6	5.4	3.6%	9990931	6.4	7.7	18.4%								
Cr	9990917	76.7	80.5	4.8%	9990931	62.5	79.9	24.4%								
Cu	9990917	17.8	16.3	8.8%	9990931	40.3	40.2	0.2%								
Fe	9990917	3.62	3.65	0.8%	9990931	3.45	3.50	1.4%								
Ga	9990917	15.0	16.0	6.5%	9990931	13.0	14.0	7.4%								
In	9990917	< 1	< 1	0.0%	9990931	< 1	< 1	0.0%								
K	9990917	1.45	1.45	0.0%	9990931	1.26	1.26	0.0%								
La	9990917	20	20	0.0%	9990931	16	16	0.0%								
Li	9990917	41	41	0.0%	9990931	24	24	0.0%								
Mg	9990917	0.812	0.804	1.0%	9990931	0.63	0.63	0.0%								
Mn	9990917	484	484	0.0%	9990931	645	654	1.4%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	9990917	11.3	9.93	12.9%	9990931	6.8	7.7	12.4%								
Na	9990917	3.10	3.09	0.3%	9990931	3.70	3.65	1.4%								
Ni	9990917	5.9	6.0	1.7%	9990931	6.03	5.94	1.5%								
P	9990917	671	661	1.5%	9990931	569	582	2.3%								
Pb	9990917	< 20	< 20	0.0%	9990931	< 20	< 20	0.0%								
Rb	9990917	< 50	< 50	0.0%	9990931	< 50	< 50	0.0%								
S	9990917	0.03	0.03	0.0%	9990931	0.19	0.20	5.1%								
Sb	9990917	< 1	< 1	0.0%	9990931	1	< 1									
Sc	9990917	9	9	0.0%	9990931	8	8	0.0%								
Se	9990917	< 10	< 10	0.0%	9990931	< 10	< 10	0.0%								
Sn	9990917	< 5	< 5	0.0%	9990931	< 5	< 5	0.0%								
Sr	9990917	302	301	0.3%	9990931	196	196	0.0%								
Ta	9990917	< 10	< 10	0.0%	9990931	< 10	< 10	0.0%								
Te	9990917	< 10	< 10	0.0%	9990931	< 10	< 10	0.0%								
Th	9990917	< 5	< 5	0.0%	9990931	< 5	< 5	0.0%								
Ti	9990917	0.32	0.32	0.0%	9990931	0.28	0.28	0.0%								
Tl	9990917	< 5	< 5	0.0%	9990931	< 5	< 5	0.0%								
U	9990917	< 50	< 50	0.0%	9990931	< 50	< 50	0.0%								
V	9990917	26.6	26.5	0.4%	9990931	24.2	25.4	4.8%								
W	9990917	< 1	< 1	0.0%	9990931	< 1	< 1	0.0%								
Y	9990917	22	21	4.7%	9990931	20	19	5.1%								
Zn	9990917	60.4	60.4	0.0%	9990931	62.0	57.8	7.0%								
Zr	9990917	129	116	10.6%	9990931	142	161	12.5%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	9990867	0.029	0.031	4.3%	9990881	0.002	0.001	75.0%	9990893	0.002	0.003	40.0%	9990906	0.002	0.002	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	9990917	0.001	0.002	66.7%	9990931	0.002	0.002	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.61	97%	90% - 110%	8.17	8.26	101%	90% - 110%	6.96	6.78	97%	90% - 110%	10.95	10.72	98%	90% - 110%
As					26	26	101%	90% - 110%	124	116	94%	90% - 110%				
Ba	340	329	97%	90% - 110%	540	522	97%	90% - 110%	186	186	100%	90% - 110%	340	337	99%	90% - 110%
Be	2.6	2.6	102%	90% - 110%	4.0	4.1	102%	90% - 110%					2.6	2.7	102%	90% - 110%
Ca	5.72	5.34	93%	90% - 110%	0.907	0.868	96%	90% - 110%	4.01	3.89	97%	90% - 110%	5.72	5.55	97%	90% - 110%
Ce	122	119	97%	90% - 110%	98	101	103%	90% - 110%	24	22	93%	90% - 110%	122	119	97%	90% - 110%
Co									22.1	20.3	92%	90% - 110%				
Cr					60.3	57.3	95%	90% - 110%								
Cu					150	154	103%	90% - 110%	88.6	85.2	96%	90% - 110%				
Fe	4.34	4.02	93%	90% - 110%	3.77	3.64	97%	90% - 110%	7.56	7.1	94%	90% - 110%	4.34	4.02	93%	90% - 110%
Ga	35	37	105%	90% - 110%									35	37	104%	90% - 110%
K	1.37	1.44	105%	90% - 110%					2.021	2.077	103%	90% - 110%	1.37	1.45	106%	90% - 110%
La	58	53	92%	90% - 110%	44	42	95%	90% - 110%					58	53	91%	90% - 110%
Li	37	40	108%	90% - 110%	47	50	106%	90% - 110%					37	40	108%	90% - 110%
Mg	0.325	0.298	92%	90% - 110%	1.10	1.09	99%	90% - 110%	2.412	2.379	99%	90% - 110%	0.325	0.306	94%	90% - 110%
Mn					780	735	94%	90% - 110%	1510	1412	93%	90% - 110%				
Mo					14	13	91%	90% - 110%								
Na	5.267	5.367	102%	90% - 110%	1.624	1.729	106%	90% - 110%	0.617	0.653	106%	90% - 110%	5.267	5.534	105%	90% - 110%
Ni					32	30	95%	90% - 110%	77.1	71.9	93%	90% - 110%				
P					750	709	95%	90% - 110%	892	921	103%	90% - 110%				
Pb					31	31	99%	90% - 110%					10	9	90%	90% - 110%
S									0.348	0.332	95%	90% - 110%				
Sb					0.8	0.8	99%	90% - 110%								
Sc					12	12	97%	90% - 110%								
Sr	1191	1157	97%	90% - 110%	144	149	104%	90% - 110%	92.8	90.3	97%	90% - 110%	1191	1184	99%	90% - 110%
Ti	0.172	0.168	98%	90% - 110%	0.53	0.48	91%	90% - 110%					0.172	0.168	98%	90% - 110%
V					77	73	94%	90% - 110%								
Y	119	114	96%	90% - 110%									119	113	95%	90% - 110%
Zn	93	87	93%	90% - 110%	130	118	90%	90% - 110%	208	192	92%	90% - 110%	93	87	94%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS5W)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.98	101%	90% - 110%	0.725	0.728	100%	90% - 110%	5.27	5.45	103%	90% - 110%	0.562	0.57	101%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00587  
 SAMPLING SITE:

AGAT WORK ORDER: 19T449847  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00589

AGAT WORK ORDER: 19T450342

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Apr 11, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T450342

PROJECT: AGAT00589

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 25, 2019

DATE RECEIVED: Mar 26, 2019

DATE REPORTED: Apr 11, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
Z38633 (9994071)		1.81
Z38634 (9994072)		1.77
Z38635 (9994073)		1.37
Z38636 (9994074)		1.07
Z38637 (9994075)		1.60
Z38638 (9994076)		1.60
Z38639 (9994077)		2.17
Z38640 (9994078)		1.48
Z38641 (9994079)		1.51
Z38642 (9994080)		1.82
Z38643 (9994081)		0.91
Z38644 (9994082)		2.35
Z38645 (9994083)		2.42
Z38646 (9994084)		0.07
Z38647 (9994085)		2.01
Z38648 (9994086)		1.99
Z38649 (9994087)		2.25
Z38650 (9994088)		0.84
Z38651 (9994089)		0.86
Z38652 (9994090)		0.83
Z38653 (9994091)		0.90
Z38654 (9994092)		1.23
Z38655 (9994093)		1.94
Z38656 (9994094)		2.20
Z38657 (9994095)		2.03
Z38658 (9994096)		2.03
Z38659 (9994097)		2.01
Z38660 (9994098)		1.79
Z38661 (9994099)		2.29
Z38662 (9994100)		1.99
Z38663 (9994101)		2.17

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T450342

PROJECT: AGAT00589

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 25, 2019

DATE RECEIVED: Mar 26, 2019

DATE REPORTED: Apr 11, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
Z38664 (9994102)		1.73
Z38665 (9994103)		1.37
Z38666 (9994104)		0.07
Z38667 (9994105)		1.85
Z38668 (9994106)		2.31
Z38669 (9994107)		2.10
Z38670 (9994108)		2.54
Z38671 (9994109)		1.11
Z38672 (9994110)		1.00
Z38673 (9994111)		1.76
Z38674 (9994112)		2.62
Z38675 (9994113)		2.24
Z38676 (9994114)		1.72
Z38677 (9994115)		1.46
Z38678 (9994116)		1.46
Z38679 (9994117)		1.60
Z38680 (9994118)		2.32
Z38681 (9994119)		1.68
Z38682 (9994120)		2.05
Z38683 (9994121)		1.66
Z38684 (9994122)		1.56
Z38685 (9994123)		1.41
Z38686 (9994124)		0.07
Z38687 (9994125)		0.79
Z38688 (9994126)		1.89
Z38689 (9994127)		1.98
Z38690 (9994128)		2.21
Z38691 (9994129)		2.16
Z38692 (9994130)		1.03
Z38693 (9994131)		2.31
Z38694 (9994132)		2.12

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T450342

PROJECT: AGAT00589

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MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 25, 2019	DATE RECEIVED: Mar 26, 2019	DATE REPORTED: Apr 11, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
Z38695 (9994133)		1.77
Z38696 (9994134)		2.16
Z38697 (9994135)		2.18
Z38698 (9994136)		2.18
Z38699 (9994137)		2.01
Z38700 (9994138)		2.30
Z38701 (9994139)		1.58
Z38702 (9994140)		1.01
Z38703 (9994141)		1.57
Z38704 (9994142)		1.37

Comments: RDL - Reported Detection Limit

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T450342

PROJECT: AGAT00589

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<http://www.agatlabs.com>

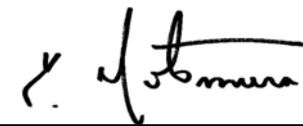
CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 25, 2019	DATE RECEIVED: Mar 26, 2019							DATE REPORTED: Apr 11, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z38633 (9994071)	<0.5	7.63	2	238	1.8	1	2.90	<0.5	39	6.6	11.7	6.0	3.67	23	
Z38634 (9994072)	<0.5	6.96	8	368	2.9	<1	2.29	<0.5	47	9.1	22.9	8.6	3.61	25	
Z38635 (9994073)	<0.5	2.11	4	589	6.2	<1	10.1	<0.5	138	56.4	392	84.3	6.83	37	
Z38636 (9994074)	<0.5	6.58	4	890	11.2	<1	2.89	<0.5	63	11.5	59.6	18.1	4.02	28	
Z38637 (9994075)	<0.5	5.01	<1	785	9.0	7	5.52	<0.5	103	31.2	174	75.2	6.56	35	
Z38638 (9994076)	<0.5	4.99	<1	785	9.2	2	5.42	<0.5	103	33.7	177	74.4	6.44	38	
Z38639 (9994077)	<0.5	5.71	<1	782	5.8	<1	3.61	<0.5	64	24.2	165	33.0	4.94	31	
Z38640 (9994078)	<0.5	3.10	3	169	4.9	<1	9.09	<0.5	77	61.0	401	74.6	6.71	33	
Z38641 (9994079)	<0.5	7.14	1	794	5.6	<1	2.74	<0.5	53	11.7	33.3	72.3	4.24	29	
Z38642 (9994080)	<0.5	7.09	<1	739	6.0	1	2.87	<0.5	48	8.0	39.9	18.1	3.74	26	
Z38643 (9994081)	<0.5	2.72	<1	208	6.4	<1	8.02	<0.5	71	51.1	352	82.7	6.40	35	
Z38644 (9994082)	<0.5	7.51	<1	453	2.1	<1	2.78	<0.5	42	6.6	13.0	2.0	3.89	23	
Z38645 (9994083)	<0.5	7.23	3	410	2.4	<1	3.04	<0.5	38	10.7	56.1	6.6	4.17	25	
Z38646 (9994084)	<0.5	7.48	2	156	1.2	9	7.19	<0.5	7	38.2	177	161	8.28	35	
Z38647 (9994085)	<0.5	6.69	<1	233	3.5	4	6.72	<0.5	22	40.5	80.7	120	9.72	36	
Z38648 (9994086)	<0.5	6.34	<1	264	6.2	<1	6.42	<0.5	20	41.7	87.9	109	8.91	39	
Z38649 (9994087)	<0.5	6.04	<1	284	4.8	<1	6.09	<0.5	23	41.5	107	103	8.74	37	
Z38650 (9994088)	<0.5	7.16	<1	897	7.8	<1	2.89	<0.5	36	11.1	46.8	18.6	3.64	28	
Z38651 (9994089)	<0.5	6.03	<1	215	2.2	<1	5.93	<0.5	55	24.6	429	<0.5	7.79	42	
Z38652 (9994090)	<0.5	0.06	<1	16	<0.5	<1	34.8	<0.5	<1	0.9	1.4	<0.5	0.09	12	
Z38653 (9994091)	<0.5	6.88	<1	900	3.3	<1	2.28	<0.5	58	9.0	39.4	9.0	2.87	24	
Z38654 (9994092)	<0.5	2.56	8	238	8.3	5	8.15	<0.5	58	53.2	398	76.4	7.45	32	
Z38655 (9994093)	<0.5	7.23	1	742	2.3	2	2.42	<0.5	46	7.7	16.7	9.6	3.67	26	
Z38656 (9994094)	<0.5	7.61	<1	533	1.3	<1	2.61	<0.5	46	6.3	13.9	13.2	3.86	27	
Z38657 (9994095)	<0.5	7.45	<1	273	1.5	<1	2.58	<0.5	47	9.0	9.3	31.2	3.71	25	
Z38658 (9994096)	<0.5	7.19	<1	264	1.6	<1	2.46	<0.5	45	8.8	13.4	32.6	3.43	28	
Z38659 (9994097)	<0.5	7.63	<1	302	1.4	<1	2.76	<0.5	43	5.5	16.0	1.5	3.72	24	
Z38660 (9994098)	<0.5	7.41	<1	248	3.0	<1	2.72	<0.5	41	7.1	12.9	12.4	3.76	24	
Z38661 (9994099)	<0.5	7.84	<1	318	1.6	1	2.80	<0.5	41	5.5	12.0	5.2	3.64	23	
Z38662 (9994100)	<0.5	7.76	<1	336	1.4	<1	2.63	<0.5	42	6.1	9.1	5.7	3.90	24	
Z38663 (9994101)	<0.5	7.54	4	399	4.3	<1	2.71	<0.5	49	6.6	14.7	9.3	3.40	27	
Z38664 (9994102)	<0.5	3.51	<1	981	6.7	<1	7.22	<0.5	152	46.9	457	75.0	7.66	38	

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T450342

PROJECT: AGAT00589

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 25, 2019	DATE RECEIVED: Mar 26, 2019							DATE REPORTED: Apr 11, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z38665 (9994103)	<0.5	7.28	<1	436	1.5	<1	2.50	<0.5	42	8.2	34.6	14.3	3.53	27	
Z38666 (9994104)	<0.5	7.28	<1	194	1.7	10	6.65	<0.5	18	38.4	187	106	7.61	37	
Z38667 (9994105)	<0.5	4.38	<1	680	4.3	4	7.51	<0.5	107	45.0	590	79.1	7.70	39	
Z38668 (9994106)	<0.5	6.78	<1	380	3.1	2	3.17	<0.5	36	13.2	82.4	19.6	4.05	28	
Z38669 (9994107)	<0.5	7.30	<1	460	1.6	<1	2.47	<0.5	49	7.2	31.7	8.0	3.53	26	
Z38670 (9994108)	<0.5	7.41	2	455	2.0	2	2.75	<0.5	46	8.6	29.2	27.6	3.68	25	
Z38671 (9994109)	<0.5	2.91	<1	817	4.3	10	7.11	<0.5	96	52.4	608	107	8.75	33	
Z38672 (9994110)	<0.5	0.06	2	30	<0.5	<1	33.2	<0.5	<1	<0.5	1.7	<0.5	0.07	9	
Z38673 (9994111)	<0.5	7.32	2	479	1.4	<1	3.02	<0.5	49	8.1	22.4	19.6	3.78	27	
Z38674 (9994112)	<0.5	2.61	<1	834	6.8	<1	8.01	<0.5	115	64.5	673	114	9.44	43	
Z38675 (9994113)	0.5	7.05	<1	449	13.4	<1	2.36	<0.5	50	6.4	21.3	26.3	3.54	26	
Z38676 (9994114)	<0.5	7.69	4	336	2.8	2	2.28	<0.5	53	6.7	11.4	19.1	3.37	23	
Z38677 (9994115)	<0.5	7.07	<1	802	2.6	1	1.10	<0.5	31	<0.5	12.1	5.0	0.86	17	
Z38678 (9994116)	<0.5	7.29	1	865	2.5	<1	1.14	<0.5	32	<0.5	11.0	4.6	0.92	17	
Z38679 (9994117)	<0.5	7.97	2	498	6.6	<1	3.09	<0.5	47	10.4	100	22.0	3.80	29	
Z38680 (9994118)	<0.5	0.93	2	280	8.2	<1	3.62	<0.5	38	67.5	626	45.5	6.04	29	
Z38681 (9994119)	<0.5	4.55	1	764	5.2	3	4.92	<0.5	68	32.8	327	51.3	5.41	31	
Z38682 (9994120)	<0.5	2.94	<1	822	5.1	12	6.45	<0.5	87	51.2	646	98.3	7.61	38	
Z38683 (9994121)	<0.5	2.57	<1	903	5.5	<1	8.26	<0.5	110	53.5	543	128	8.81	39	
Z38684 (9994122)	<0.5	2.52	<1	744	6.5	<1	7.29	<0.5	98	60.4	572	113	7.99	39	
Z38685 (9994123)	<0.5	6.94	<1	1180	4.5	<1	2.47	<0.5	46	7.4	59.8	13.5	3.96	26	
Z38686 (9994124)	<0.5	7.31	1	152	1.0	7	7.26	<0.5	8	39.2	174	162	8.11	33	
Z38687 (9994125)	<0.5	2.20	<1	358	18.5	<1	7.45	<0.5	58	64.8	419	85.4	6.91	34	
Z38688 (9994126)	<0.5	6.86	4	1180	10.5	2	2.75	<0.5	48	10.8	71.4	31.2	4.09	25	
Z38689 (9994127)	<0.5	7.18	6	1220	10.4	<1	1.67	<0.5	31	6.3	33.2	9.7	3.06	25	
Z38690 (9994128)	<0.5	7.34	<1	222	7.3	<1	0.89	<0.5	27	1.3	11.5	3.3	1.05	21	
Z38691 (9994129)	<0.5	3.01	7	116	10.3	3	7.95	<0.5	100	47.0	640	61.6	7.36	37	
Z38692 (9994130)	<0.5	0.07	<1	17	<0.5	<1	33.0	<0.5	<1	0.7	2.2	<0.5	0.10	12	
Z38693 (9994131)	<0.5	2.69	<1	301	5.6	10	6.83	<0.5	114	60.0	969	107	9.48	40	
Z38694 (9994132)	<0.5	3.38	<1	326	6.0	6	7.23	<0.5	112	55.9	815	190	8.63	41	
Z38695 (9994133)	<0.5	7.27	2	424	1.5	<1	2.35	<0.5	47	6.6	13.4	15.2	3.17	22	
Z38696 (9994134)	<0.5	7.47	<1	411	2.2	2	2.36	<0.5	49	5.6	11.4	14.2	3.19	23	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T450342

PROJECT: AGAT00589

5623 McADAM ROAD  
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 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 25, 2019	DATE RECEIVED: Mar 26, 2019					DATE REPORTED: Apr 11, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z38697 (9994135)	<0.5	7.38	<1	304	2.3	2	2.26	<0.5	50	6.0	11.3	12.4	3.27	25	
Z38698 (9994136)	<0.5	7.40	5	314	1.7	<1	2.34	<0.5	48	6.4	13.8	12.8	3.23	23	
Z38699 (9994137)	<0.5	7.32	<1	455	1.4	<1	2.85	<0.5	47	8.1	37.5	10.1	3.68	26	
Z38700 (9994138)	<0.5	7.33	<1	353	2.5	<1	2.30	<0.5	52	6.6	14.5	13.1	3.26	25	
Z38701 (9994139)	<0.5	7.42	1	878	1.9	<1	1.58	<0.5	29	2.1	10.8	3.2	1.80	21	
Z38702 (9994140)	<0.5	1.98	5	173	5.0	<1	12.3	<0.5	179	36.4	203	85.3	6.28	29	
Z38703 (9994141)	<0.5	7.57	2	822	3.4	<1	2.11	<0.5	38	6.0	23.0	6.2	3.28	26	
Z38704 (9994142)	<0.5	7.52	<1	416	1.7	3	2.38	<0.5	48	5.9	12.1	7.8	3.67	24	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T450342

PROJECT: AGAT00589

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 25, 2019	DATE RECEIVED: Mar 26, 2019					DATE REPORTED: Apr 11, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
Z38633 (9994071)	<1	1.15	18	31	0.67	662	0.9	3.20	5.7	650	<20	<50	0.09	<1	
Z38634 (9994072)	<1	1.14	21	40	0.89	579	1.9	3.34	13.5	1050	<20	<50	0.13	<1	
Z38635 (9994073)	<1	1.82	66	45	7.53	1540	<0.5	2.29	341	5950	<20	<50	0.10	4	
Z38636 (9994074)	<1	1.00	29	72	2.14	735	1.1	5.28	63.8	1150	<20	<50	0.25	<1	
Z38637 (9994075)	<1	1.88	51	57	4.94	1210	2.1	4.18	175	1710	<20	<50	0.16	2	
Z38638 (9994076)	<1	1.85	53	56	4.79	1180	1.7	4.17	176	1760	<20	<50	0.17	2	
Z38639 (9994077)	<1	1.17	31	47	3.64	872	1.7	5.85	160	831	<20	<50	0.16	<1	
Z38640 (9994078)	<1	2.04	41	47	6.80	1410	2.2	3.03	408	867	<20	<50	0.19	1	
Z38641 (9994079)	<1	1.38	26	52	1.85	537	1.5	4.50	38.6	1510	<20	<50	0.39	<1	
Z38642 (9994080)	<1	2.03	22	44	1.40	683	0.9	3.83	25.9	714	<20	<50	0.13	<1	
Z38643 (9994081)	<1	1.60	37	48	6.61	1160	0.9	2.82	373	2120	<20	<50	0.20	<1	
Z38644 (9994082)	<1	1.30	19	24	0.75	865	1.7	3.17	5.5	687	<20	<50	0.03	<1	
Z38645 (9994083)	<1	1.57	17	27	1.28	906	2.5	3.31	15.4	737	107	<50	0.06	<1	
Z38646 (9994084)	<1	0.21	4	12	4.49	1480	<0.5	2.35	86.7	407	<20	<50	0.16	2	
Z38647 (9994085)	<1	1.06	12	20	3.41	1640	<0.5	3.05	51.7	758	<20	<50	0.13	<1	
Z38648 (9994086)	<1	1.08	10	28	3.43	1480	<0.5	3.41	51.4	955	<20	<50	0.15	7	
Z38649 (9994087)	<1	1.01	12	28	3.62	1460	<0.5	3.71	84.6	482	<20	<50	0.16	<1	
Z38650 (9994088)	<1	1.22	18	70	2.09	436	<0.5	4.32	48.2	503	<20	<50	0.08	3	
Z38651 (9994089)	<1	1.00	19	27	4.45	1470	<0.5	2.34	63.2	1800	<20	<50	<0.01	5	
Z38652 (9994090)	<1	0.01	3	1	1.96	47	0.8	0.04	0.5	84	<20	<50	0.02	<1	
Z38653 (9994091)	<1	1.39	30	56	1.59	297	5.6	3.41	25.4	749	<20	<50	0.08	<1	
Z38654 (9994092)	<1	1.36	31	91	7.52	1330	<0.5	2.49	373	138	<20	<50	0.18	<1	
Z38655 (9994093)	<1	1.51	20	29	1.20	565	1.2	2.95	15.3	980	<20	<50	0.11	<1	
Z38656 (9994094)	<1	1.26	20	39	1.06	685	1.8	2.76	6.0	927	<20	<50	0.16	2	
Z38657 (9994095)	<1	1.34	21	26	0.82	601	2.6	2.85	6.2	1020	<20	<50	0.41	<1	
Z38658 (9994096)	<1	1.28	20	25	0.78	557	2.7	2.86	6.4	1020	<20	<50	0.38	1	
Z38659 (9994097)	<1	1.18	19	26	0.87	686	1.6	2.80	5.4	700	<20	<50	0.02	<1	
Z38660 (9994098)	<1	0.93	18	17	0.85	661	1.8	2.99	5.5	726	<20	<50	0.18	<1	
Z38661 (9994099)	<1	1.07	19	25	0.86	638	0.7	2.91	5.2	719	<20	<50	0.05	<1	
Z38662 (9994100)	<1	1.15	20	25	0.82	797	0.9	2.73	5.3	719	<20	<50	0.04	<1	
Z38663 (9994101)	<1	1.10	22	34	0.89	617	1.7	3.20	7.9	896	<20	<50	0.04	<1	
Z38664 (9994102)	<1	2.10	74	28	7.56	1330	1.6	2.64	268	1350	22	<50	0.23	3	

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T450342

PROJECT: AGAT00589

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 25, 2019

DATE RECEIVED: Mar 26, 2019

DATE REPORTED: Apr 11, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
Z38665 (9994103)		<1	1.24	20	42	1.23	680	0.6	4.05	27.6	717	<20	<50	0.08	<1
Z38666 (9994104)		<1	0.43	10	10	4.26	1360	<0.5	2.31	108	897	<20	<50	0.09	3
Z38667 (9994105)		<1	2.10	51	17	7.50	1300	1.5	1.72	332	1710	21	<50	0.16	3
Z38668 (9994106)		<1	1.04	16	34	2.09	674	1.7	4.21	75.2	800	<20	<50	0.07	3
Z38669 (9994107)		<1	1.05	21	22	1.01	571	1.4	3.89	15.1	746	<20	<50	0.03	1
Z38670 (9994108)		<1	1.18	19	33	1.26	573	0.8	4.11	18.9	905	<20	<50	0.08	4
Z38671 (9994109)		<1	1.88	47	11	9.87	1410	1.3	1.49	458	2030	31	<50	0.21	5
Z38672 (9994110)		2	0.01	2	<1	1.27	37	0.5	0.03	1.2	78	<20	<50	0.03	<1
Z38673 (9994111)		<1	1.02	22	36	1.02	754	2.5	4.27	8.7	881	<20	<50	0.06	<1
Z38674 (9994112)		<1	1.90	55	9	10.5	1460	1.3	0.98	514	2630	26	<50	0.20	3
Z38675 (9994113)		<1	0.80	22	37	1.00	479	1.1	4.99	17.6	475	<20	<50	0.04	<1
Z38676 (9994114)		<1	0.95	23	29	0.73	605	1.9	4.36	9.7	481	<20	<50	0.05	<1
Z38677 (9994115)		<1	1.68	14	5	0.18	538	0.5	3.96	3.5	102	<20	<50	0.01	<1
Z38678 (9994116)		<1	1.77	14	5	0.19	558	0.6	4.07	4.2	100	<20	<50	0.01	<1
Z38679 (9994117)		<1	1.09	19	30	1.24	989	1.5	4.51	41.1	818	<20	<50	0.05	1
Z38680 (9994118)		<1	1.50	19	17	14.1	1040	0.5	2.64	1010	763	<20	<50	0.13	<1
Z38681 (9994119)		<1	1.43	32	25	5.64	1080	1.1	4.31	295	1160	<20	<50	0.12	1
Z38682 (9994120)		<1	2.78	42	16	10.4	1280	1.4	1.77	512	1940	<20	<50	0.20	3
Z38683 (9994121)		<1	2.91	54	17	8.98	1430	1.0	1.74	405	2460	26	<50	0.24	5
Z38684 (9994122)		<1	2.11	49	31	8.83	1350	2.0	2.64	449	2340	22	<50	0.28	5
Z38685 (9994123)		<1	0.96	20	52	1.42	530	<0.5	5.08	35.3	499	<20	<50	0.08	<1
Z38686 (9994124)		<1	0.21	4	12	4.41	1460	<0.5	2.35	84.9	413	<20	<50	0.16	<1
Z38687 (9994125)		<1	0.55	28	55	8.10	1410	<0.5	3.88	502	1650	<20	<50	0.22	<1
Z38688 (9994126)		<1	1.12	21	63	1.89	801	<0.5	5.04	58.7	1020	<20	<50	0.10	<1
Z38689 (9994127)		<1	1.13	14	86	1.35	558	<0.5	5.49	22.1	754	<20	<50	0.06	<1
Z38690 (9994128)		<1	0.59	10	12	0.43	249	0.7	5.65	4.9	427	<20	<50	0.02	<1
Z38691 (9994129)		<1	0.93	42	88	7.17	1130	2.0	3.35	314	2240	<20	<50	0.17	2
Z38692 (9994130)		<1	0.01	2	1	2.02	47	1.0	0.04	1.9	81	<20	<50	0.02	1
Z38693 (9994131)		<1	2.36	45	21	10.3	1250	<0.5	1.51	593	1400	23	<50	0.22	2
Z38694 (9994132)		<1	2.52	42	32	8.77	1120	<0.5	1.42	422	1710	26	<50	0.21	2
Z38695 (9994133)		<1	1.58	20	12	0.75	563	1.6	3.51	10.6	475	<20	<50	0.08	<1
Z38696 (9994134)		<1	1.40	21	20	0.70	615	1.1	3.44	8.2	452	<20	<50	0.03	<1

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T450342

PROJECT: AGAT00589

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 25, 2019	DATE RECEIVED: Mar 26, 2019					DATE REPORTED: Apr 11, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
Z38697 (9994135)	<1	1.41	21	23	0.71	587	1.9	3.11	8.4	548	<20	<50	0.06	<1	
Z38698 (9994136)	<1	1.42	20	23	0.69	571	1.9	3.23	7.6	560	<20	<50	0.06	<1	
Z38699 (9994137)	<1	1.57	21	23	0.93	701	0.7	3.00	19.3	598	<20	<50	0.05	<1	
Z38700 (9994138)	<1	1.41	22	29	0.73	597	1.1	2.91	7.8	508	<20	<50	0.06	1	
Z38701 (9994139)	<1	2.16	13	15	0.48	827	1.7	3.49	4.9	327	<20	<50	0.01	<1	
Z38702 (9994140)	<1	2.14	81	60	6.82	1700	3.3	1.51	154	2820	<20	<50	0.24	<1	
Z38703 (9994141)	<1	1.78	17	48	1.09	561	1.5	3.46	11.8	581	<20	<50	0.05	<1	
Z38704 (9994142)	<1	1.37	20	31	0.84	793	1.9	2.88	6.0	661	<20	<50	0.05	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T450342

PROJECT: AGAT00589

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 25, 2019	DATE RECEIVED: Mar 26, 2019					DATE REPORTED: Apr 11, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Z38633 (9994071)	11	<10	<5	158	<10	<10	<5	0.27	<5	<50	27.0	<1	24	80.4	
Z38634 (9994072)	12	<10	<5	161	<10	<10	<5	0.27	<5	<50	41.2	1	25	109	
Z38635 (9994073)	22	<10	<5	1160	<10	<10	<5	0.44	<5	<50	210	<1	32	80.6	
Z38636 (9994074)	18	<10	<5	272	<10	<10	<5	0.40	<5	<50	68.5	2	34	48.2	
Z38637 (9994075)	14	<10	<5	620	<10	26	<5	0.98	<5	<50	176	2	39	92.9	
Z38638 (9994076)	14	<10	<5	614	<10	29	<5	0.98	<5	<50	176	2	40	91.2	
Z38639 (9994077)	12	<10	<5	324	<10	20	<5	0.63	<5	<50	82.5	2	44	87.0	
Z38640 (9994078)	17	<10	<5	636	<10	<10	<5	0.51	<5	<50	194	3	25	60.9	
Z38641 (9994079)	15	<10	<5	262	<10	<10	<5	0.39	<5	<50	56.0	<1	12	90.7	
Z38642 (9994080)	17	<10	<5	234	<10	10	<5	0.41	<5	<50	57.0	1	17	71.0	
Z38643 (9994081)	18	<10	<5	704	<10	<10	<5	0.52	<5	<50	198	<1	21	81.0	
Z38644 (9994082)	12	<10	<5	154	<10	<10	<5	0.29	<5	<50	28.9	<1	26	77.7	
Z38645 (9994083)	12	<10	<5	157	<10	<10	<5	0.25	<5	<50	42.7	<1	27	102	
Z38646 (9994084)	43	<10	<5	117	<10	13	<5	0.69	<5	<50	288	2	21	81.8	
Z38647 (9994085)	46	<10	<5	151	<10	15	<5	0.88	<5	<50	338	2	27	103	
Z38648 (9994086)	48	<10	<5	160	<10	16	<5	0.77	<5	<50	330	3	29	91.4	
Z38649 (9994087)	43	<10	<5	189	<10	15	<5	0.75	<5	<50	298	3	28	96.4	
Z38650 (9994088)	16	<10	<5	237	<10	<10	<5	0.35	<5	<50	57.2	2	12	66.3	
Z38651 (9994089)	25	<10	<5	90	<10	<10	<5	0.29	<5	<50	113	1	43	155	
Z38652 (9994090)	<1	<10	<5	72	<10	<10	<5	<0.01	6	<50	1.2	<1	2	3.3	
Z38653 (9994091)	6	<10	<5	221	<10	<10	<5	0.27	<5	<50	31.4	3	10	54.8	
Z38654 (9994092)	24	<10	<5	653	<10	17	<5	0.71	<5	<50	205	2	21	35.0	
Z38655 (9994093)	11	<10	<5	205	<10	<10	<5	0.29	<5	<50	31.5	2	21	82.8	
Z38656 (9994094)	11	<10	<5	176	<10	<10	<5	0.30	<5	<50	26.3	<1	27	70.9	
Z38657 (9994095)	10	<10	<5	168	<10	<10	<5	0.27	<5	<50	26.2	2	23	67.0	
Z38658 (9994096)	9	<10	<5	163	<10	<10	<5	0.26	<5	<50	25.6	2	22	69.9	
Z38659 (9994097)	10	<10	<5	165	<10	<10	<5	0.29	<5	<50	28.0	2	24	102	
Z38660 (9994098)	12	<10	<5	157	<10	<10	<5	0.28	<5	<50	27.1	<1	27	51.2	
Z38661 (9994099)	10	<10	<5	167	<10	<10	<5	0.29	<5	<50	25.1	1	24	80.4	
Z38662 (9994100)	10	<10	<5	157	<10	<10	<5	0.29	<5	<50	26.4	1	27	68.2	
Z38663 (9994101)	10	<10	<5	193	<10	<10	<5	0.28	<5	<50	29.9	<1	24	81.0	
Z38664 (9994102)	20	<10	<5	809	<10	50	<5	1.47	<5	<50	255	<1	49	78.4	

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T450342

PROJECT: AGAT00589

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 25, 2019

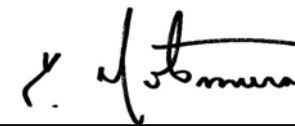
DATE RECEIVED: Mar 26, 2019

DATE REPORTED: Apr 11, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
Z38665 (9994103)	9	<10	<5	248	<10	<10	<5	0.36	<5	<50	36.1	2	27	44.4
Z38666 (9994104)	33	<10	<5	251	<10	21	<5	0.86	<5	<50	233	1	22	91.1
Z38667 (9994105)	21	<10	<5	744	<10	67	<5	1.78	<5	<50	242	2	24	81.4
Z38668 (9994106)	11	<10	<5	231	<10	<10	<5	0.37	<5	<50	50.9	1	31	51.2
Z38669 (9994107)	10	<10	<5	232	<10	<10	<5	0.28	<5	<50	30.4	2	27	55.9
Z38670 (9994108)	11	<10	<5	212	<10	<10	<5	0.31	<5	<50	41.0	2	32	89.3
Z38671 (9994109)	18	<10	<5	743	<10	87	<5	2.24	<5	<50	223	3	20	114
Z38672 (9994110)	<1	<10	<5	77	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	2.1
Z38673 (9994111)	10	<10	<5	269	<10	<10	<5	0.34	6	<50	35.7	2	27	117
Z38674 (9994112)	21	<10	<5	825	<10	112	<5	2.49	<5	<50	283	3	25	99.4
Z38675 (9994113)	30	<10	<5	185	<10	<10	<5	0.33	<5	<50	72.1	1	44	60.5
Z38676 (9994114)	10	<10	<5	174	<10	<10	<5	0.26	<5	<50	29.1	1	29	60.3
Z38677 (9994115)	6	<10	<5	107	<10	<10	7	0.04	<5	<50	8.7	1	17	11.8
Z38678 (9994116)	5	<10	<5	111	<10	<10	7	0.05	<5	<50	8.2	<1	18	11.0
Z38679 (9994117)	13	<10	<5	193	<10	<10	<5	0.31	<5	<50	46.9	<1	36	133
Z38680 (9994118)	11	<10	<5	278	<10	22	<5	0.67	<5	<50	113	2	17	50.5
Z38681 (9994119)	13	<10	<5	462	<10	33	<5	1.08	<5	<50	135	2	42	62.3
Z38682 (9994120)	17	<10	<5	628	<10	80	<5	2.12	<5	<50	253	3	18	74.2
Z38683 (9994121)	19	<10	<5	873	<10	87	<5	2.25	<5	<50	303	2	25	87.4
Z38684 (9994122)	20	<10	<5	706	<10	88	<5	2.10	<5	<50	259	2	31	80.9
Z38685 (9994123)	11	<10	<5	224	<10	<10	<5	0.36	<5	<50	40.8	<1	33	54.3
Z38686 (9994124)	44	<10	<5	118	<10	<10	<5	0.69	<5	<50	292	<1	21	83.4
Z38687 (9994125)	24	<10	<5	610	<10	<10	<5	0.49	<5	<50	214	3	30	80.5
Z38688 (9994126)	17	<10	<5	254	<10	<10	<5	0.45	<5	<50	61.9	2	21	59.1
Z38689 (9994127)	12	<10	<5	170	<10	<10	<5	0.25	<5	<50	33.5	<1	18	32.8
Z38690 (9994128)	6	<10	<5	115	<10	<10	9	0.06	<5	<50	19.6	1	6	23.1
Z38691 (9994129)	28	<10	<5	476	<10	40	<5	1.08	<5	<50	210	2	22	52.3
Z38692 (9994130)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	3.5
Z38693 (9994131)	26	<10	<5	370	<10	76	<5	1.92	<5	<50	193	2	19	93.3
Z38694 (9994132)	29	<10	<5	357	<10	85	<5	2.15	<5	<50	239	2	22	112
Z38695 (9994133)	9	<10	<5	210	<10	<10	<5	0.25	<5	<50	32.1	<1	22	63.0
Z38696 (9994134)	9	<10	<5	172	<10	<10	<5	0.24	<5	<50	28.3	2	22	65.7

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T450342

PROJECT: AGAT00589

5623 McADAM ROAD  
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 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 25, 2019	DATE RECEIVED: Mar 26, 2019					DATE REPORTED: Apr 11, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Sample ID (AGAT ID)															
Z38697 (9994135)	10	<10	<5	170	<10	<10	<5	0.24	<5	<50	27.9	1	26	63.5	
Z38698 (9994136)	10	<10	<5	177	<10	<10	<5	0.24	<5	<50	27.5	<1	25	60.9	
Z38699 (9994137)	11	<10	<5	206	<10	<10	<5	0.25	<5	<50	35.1	2	26	80.8	
Z38700 (9994138)	9	<10	<5	156	<10	<10	<5	0.25	<5	<50	29.7	2	25	71.0	
Z38701 (9994139)	7	<10	<5	153	<10	<10	<5	0.11	<5	<50	15.7	1	25	33.8	
Z38702 (9994140)	39	<10	<5	1240	<10	<10	<5	0.42	<5	<50	193	<1	40	53.6	
Z38703 (9994141)	10	<10	<5	173	<10	<10	<5	0.25	<5	<50	36.4	1	18	67.0	
Z38704 (9994142)	10	<10	<5	138	<10	<10	<5	0.29	<5	<50	26.5	1	26	84.2	

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## Certificate of Analysis

AGAT WORK ORDER: 19T450342

PROJECT: AGAT00589

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 25, 2019      DATE RECEIVED: Mar 26, 2019      DATE REPORTED: Apr 11, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Zr
	Unit:	ppm
	RDL:	5
Z38633 (9994071)		150
Z38634 (9994072)		159
Z38635 (9994073)		54
Z38636 (9994074)		273
Z38637 (9994075)		237
Z38638 (9994076)		244
Z38639 (9994077)		227
Z38640 (9994078)		167
Z38641 (9994079)		173
Z38642 (9994080)		163
Z38643 (9994081)		214
Z38644 (9994082)		128
Z38645 (9994083)		169
Z38646 (9994084)		51
Z38647 (9994085)		101
Z38648 (9994086)		130
Z38649 (9994087)		113
Z38650 (9994088)		201
Z38651 (9994089)		112
Z38652 (9994090)		<5
Z38653 (9994091)		170
Z38654 (9994092)		196
Z38655 (9994093)		184
Z38656 (9994094)		185
Z38657 (9994095)		196
Z38658 (9994096)		194
Z38659 (9994097)		190
Z38660 (9994098)		175
Z38661 (9994099)		196
Z38662 (9994100)		186
Z38663 (9994101)		196
Z38664 (9994102)		106

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T450342

PROJECT: AGAT00589

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 25, 2019

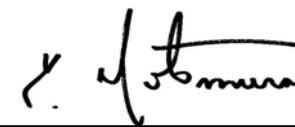
DATE RECEIVED: Mar 26, 2019

DATE REPORTED: Apr 11, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
Z38665 (9994103)				171
Z38666 (9994104)				92
Z38667 (9994105)				170
Z38668 (9994106)				209
Z38669 (9994107)				200
Z38670 (9994108)				176
Z38671 (9994109)				221
Z38672 (9994110)				<5
Z38673 (9994111)				196
Z38674 (9994112)				261
Z38675 (9994113)				334
Z38676 (9994114)				200
Z38677 (9994115)				87
Z38678 (9994116)				78
Z38679 (9994117)				166
Z38680 (9994118)				128
Z38681 (9994119)				215
Z38682 (9994120)				236
Z38683 (9994121)				86
Z38684 (9994122)				205
Z38685 (9994123)				188
Z38686 (9994124)				51
Z38687 (9994125)				68
Z38688 (9994126)				221
Z38689 (9994127)				202
Z38690 (9994128)				128
Z38691 (9994129)				177
Z38692 (9994130)				<5
Z38693 (9994131)				261
Z38694 (9994132)				377
Z38695 (9994133)				161
Z38696 (9994134)				163

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# Certificate of Analysis

AGAT WORK ORDER: 19T450342

PROJECT: AGAT00589

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 25, 2019	DATE RECEIVED: Mar 26, 2019	DATE REPORTED: Apr 11, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
Z38697 (9994135)				174
Z38698 (9994136)				178
Z38699 (9994137)				162
Z38700 (9994138)				155
Z38701 (9994139)				81
Z38702 (9994140)				73
Z38703 (9994141)				143
Z38704 (9994142)				163

Comments: RDL - Reported Detection Limit  
9994071-9994142 As, Sb values may be low due to digestion losses.

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## Certificate of Analysis

AGAT WORK ORDER: 19T450342

PROJECT: AGAT00589

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 25, 2019      DATE RECEIVED: Mar 26, 2019      DATE REPORTED: Apr 11, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
Z38633 (9994071)		0.003	
Z38634 (9994072)		0.002	
Z38635 (9994073)		0.002	
Z38636 (9994074)		0.001	
Z38637 (9994075)		<0.001	
Z38638 (9994076)		<0.001	
Z38639 (9994077)		0.001	
Z38640 (9994078)		0.001	
Z38641 (9994079)		0.003	
Z38642 (9994080)		0.001	
Z38643 (9994081)		<0.001	
Z38644 (9994082)		0.002	
Z38645 (9994083)		0.004	
Z38646 (9994084)		0.536	
Z38647 (9994085)		0.001	
Z38648 (9994086)		0.001	
Z38649 (9994087)		0.002	
Z38650 (9994088)		0.001	
Z38651 (9994089)		<0.001	
Z38652 (9994090)		0.002	
Z38653 (9994091)		0.002	
Z38654 (9994092)		0.003	
Z38655 (9994093)		0.002	
Z38656 (9994094)		0.002	
Z38657 (9994095)		0.003	
Z38658 (9994096)		0.003	
Z38659 (9994097)		0.002	
Z38660 (9994098)		0.012	
Z38661 (9994099)		0.002	
Z38662 (9994100)		0.001	
Z38663 (9994101)		0.001	
Z38664 (9994102)		0.053	

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T450342

PROJECT: AGAT00589

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 25, 2019

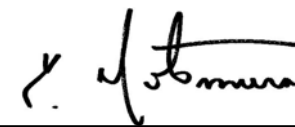
DATE RECEIVED: Mar 26, 2019

DATE REPORTED: Apr 11, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
Z38665 (9994103)			0.003
Z38666 (9994104)			0.325
Z38667 (9994105)			0.006
Z38668 (9994106)			0.001
Z38669 (9994107)			0.003
Z38670 (9994108)			0.004
Z38671 (9994109)			0.002
Z38672 (9994110)			0.001
Z38673 (9994111)			0.001
Z38674 (9994112)			0.002
Z38675 (9994113)			0.004
Z38676 (9994114)			0.003
Z38677 (9994115)			0.002
Z38678 (9994116)			0.001
Z38679 (9994117)			0.021
Z38680 (9994118)			0.003
Z38681 (9994119)			0.001
Z38682 (9994120)			0.001
Z38683 (9994121)			0.001
Z38684 (9994122)			0.003
Z38685 (9994123)			0.005
Z38686 (9994124)			0.529
Z38687 (9994125)			0.002
Z38688 (9994126)			0.003
Z38689 (9994127)			0.002
Z38690 (9994128)			0.002
Z38691 (9994129)			0.001
Z38692 (9994130)			<0.001
Z38693 (9994131)			0.002
Z38694 (9994132)			0.002
Z38695 (9994133)			0.007
Z38696 (9994134)			0.005

Certified By:





# Certificate of Analysis

AGAT WORK ORDER: 19T450342

PROJECT: AGAT00589

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 25, 2019      DATE RECEIVED: Mar 26, 2019      DATE REPORTED: Apr 11, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
Z38697 (9994135)			0.003
Z38698 (9994136)			0.004
Z38699 (9994137)			0.005
Z38700 (9994138)			0.013
Z38701 (9994139)			0.016
Z38702 (9994140)			0.002
Z38703 (9994141)			0.014
Z38704 (9994142)			0.011

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T450342

PROJECT: AGAT00589

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 25, 2019

DATE RECEIVED: Mar 26, 2019

DATE REPORTED: Apr 11, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
Z38634 (9994072)		85
Z38651 (9994089)		88
Z38657 (9994095)		82
Z38667 (9994105)		81
Z38683 (9994121)		85
Z38687 (9994125)		77
Z38691 (9994129)		79
Z38693 (9994131)		90

Comments: RDL - Reported Detection Limit

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	9994071	< 0.5	< 0.5	0.0%	9994085	< 0.5	< 0.5	0.0%	9994096	< 0.5	< 0.5	0.0%	9994110	< 0.5	< 0.5	0.0%
Al	9994071	7.63	7.29	4.6%	9994085	6.69	6.61	1.2%	9994096	7.19	7.64	6.1%	9994110	0.063	0.066	4.7%
As	9994071	2	< 1		9994085	< 1	< 1	0.0%	9994096	< 1	< 1	0.0%	9994110	2	< 1	
Ba	9994071	238	229	3.9%	9994085	233	229	1.7%	9994096	264	281	6.2%	9994110	30	31	3.3%
Be	9994071	1.8	1.8	0.0%	9994085	3.5	3.5	0.0%	9994096	1.6	1.4	13.3%	9994110	< 0.5	< 0.5	0.0%
Bi	9994071	1	< 1		9994085	4	3	28.6%	9994096	< 1	< 1	0.0%	9994110	< 1	< 1	0.0%
Ca	9994071	2.90	2.74	5.7%	9994085	6.72	6.57	2.3%	9994096	2.46	2.63	6.7%	9994110	33.2	35.3	6.1%
Cd	9994071	< 0.5	< 0.5	0.0%	9994085	< 0.5	< 0.5	0.0%	9994096	< 0.5	< 0.5	0.0%	9994110	< 0.5	< 0.5	0.0%
Ce	9994071	39	41	5.0%	9994085	22	22	0.0%	9994096	45	45	0.0%	9994110	< 1	< 1	0.0%
Co	9994071	6.6	6.7	1.5%	9994085	40.5	41.6	2.7%	9994096	8.8	7.8	12.0%	9994110	< 0.5	0.8	
Cr	9994071	11.7	12.7	8.2%	9994085	80.7	80.4	0.4%	9994096	13.4	10.3	26.2%	9994110	1.7	1.6	6.1%
Cu	9994071	6.01	5.31	12.4%	9994085	120	117	2.5%	9994096	32.6	29.1	11.3%	9994110	< 0.5	< 0.5	0.0%
Fe	9994071	3.67	3.58	2.5%	9994085	9.72	9.55	1.8%	9994096	3.43	3.71	7.8%	9994110	0.074	0.080	7.8%
Ga	9994071	23	24	4.3%	9994085	36	39	8.0%	9994096	28	25	11.3%	9994110	9	10	10.5%
In	9994071	< 1	< 1	0.0%	9994085	< 1	< 1	0.0%	9994096	< 1	< 1	0.0%	9994110	2	1	
K	9994071	1.15	1.10	4.4%	9994085	1.06	1.04	1.9%	9994096	1.28	1.35	5.3%	9994110	0.014	0.017	19.4%
La	9994071	18	19	5.4%	9994085	12	12	0.0%	9994096	20	21	4.9%	9994110	2	2	0.0%
Li	9994071	31	28	10.2%	9994085	20	20	0.0%	9994096	25	27	7.7%	9994110	< 1	< 1	0.0%
Mg	9994071	0.67	0.67	0.0%	9994085	3.41	3.39	0.6%	9994096	0.783	0.850	8.2%	9994110	1.27	1.32	3.9%
Mn	9994071	662	640	3.4%	9994085	1640	1620	1.2%	9994096	557	610	9.1%	9994110	37	37	0.0%
Mo	9994071	0.9	1.3		9994085	< 0.5	< 0.5	0.0%	9994096	2.7	2.3	16.0%	9994110	0.5	0.8	
Na	9994071	3.20	3.21	0.3%	9994085	3.05	2.98	2.3%	9994096	2.86	2.86	0.0%	9994110	0.03	0.03	0.0%
Ni	9994071	5.7	5.3	7.3%	9994085	51.7	49.9	3.5%	9994096	6.37	6.45	1.2%	9994110	1.24	1.39	11.4%
P	9994071	650	704	8.0%	9994085	758	771	1.7%	9994096	1020	963	5.7%	9994110	78	76	2.6%
Pb	9994071	< 20	< 20	0.0%	9994085	< 20	< 20	0.0%	9994096	< 20	< 20	0.0%	9994110	< 20	< 20	0.0%
Rb	9994071	< 50	< 50	0.0%	9994085	< 50	< 50	0.0%	9994096	< 50	< 50	0.0%	9994110	< 50	< 50	0.0%
S	9994071	0.094	0.097	3.1%	9994085	0.125	0.125	0.0%	9994096	0.38	0.36	5.4%	9994110	0.03	0.03	0.0%
Sb	9994071	< 1	1		9994085	< 1	1		9994096	1	2		9994110	< 1	< 1	0.0%
Sc	9994071	11	12	8.7%	9994085	46	46	0.0%	9994096	9	9	0.0%	9994110	< 1	< 1	0.0%
Se	9994071	< 10	< 10	0.0%	9994085	< 10	< 10	0.0%	9994096	< 10	< 10	0.0%	9994110	< 10	< 10	0.0%
Sn	9994071	< 5	< 5	0.0%	9994085	< 5	< 5	0.0%	9994096	< 5	< 5	0.0%	9994110	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	9994071	158	151	4.5%	9994085	151	147	2.7%	9994096	163	171	4.8%	9994110	77	79	2.6%
Ta	9994071	< 10	< 10	0.0%	9994085	< 10	< 10	0.0%	9994096	< 10	< 10	0.0%	9994110	< 10	< 10	0.0%
Te	9994071	< 10	< 10	0.0%	9994085	15	29		9994096	< 10	< 10	0.0%	9994110	< 10	< 10	0.0%
Th	9994071	< 5	< 5	0.0%	9994085	< 5	< 5	0.0%	9994096	< 5	< 5	0.0%	9994110	< 5	< 5	0.0%
Ti	9994071	0.266	0.257	3.4%	9994085	0.88	0.87	1.1%	9994096	0.26	0.28	7.4%	9994110	< 0.01	< 0.01	0.0%
Tl	9994071	< 5	< 5	0.0%	9994085	< 5	< 5	0.0%	9994096	< 5	< 5	0.0%	9994110	< 5	< 5	0.0%
U	9994071	< 50	< 50	0.0%	9994085	< 50	< 50	0.0%	9994096	< 50	< 50	0.0%	9994110	< 50	< 50	0.0%
V	9994071	27.0	29.2	7.8%	9994085	338	333	1.5%	9994096	25.6	25.2	1.6%	9994110	1.02	1.10	7.5%
W	9994071	< 1	1		9994085	2	3		9994096	2	2	0.0%	9994110	< 1	< 1	0.0%
Y	9994071	24	26	8.0%	9994085	27	27	0.0%	9994096	22	21	4.7%	9994110	2	2	0.0%
Zn	9994071	80.4	79.4	1.3%	9994085	103	100	3.0%	9994096	69.9	68.9	1.4%	9994110	2.1	0.9	
Zr	9994071	150	183	19.8%	9994085	101	102	1.0%	9994096	194	190	2.1%	9994110	< 5	< 5	0.0%

Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	9994121	< 0.5	< 0.5	0.0%	9994135	< 0.5	< 0.5	0.0%								
Al	9994121	2.57	2.56	0.4%	9994135	7.38	7.32	0.8%								
As	9994121	< 1	< 1	0.0%	9994135	< 1	2									
Ba	9994121	903	882	2.4%	9994135	304	308	1.3%								
Be	9994121	5.51	5.67	2.9%	9994135	2.28	2.21	3.1%								
Bi	9994121	< 1	< 1	0.0%	9994135	2	< 1									
Ca	9994121	8.26	8.03	2.8%	9994135	2.26	2.31	2.2%								
Cd	9994121	< 0.5	< 0.5	0.0%	9994135	< 0.5	< 0.5	0.0%								
Ce	9994121	110	109	0.9%	9994135	50	51	2.0%								
Co	9994121	53.5	55.6	3.8%	9994135	6.0	6.3	4.9%								
Cr	9994121	543	544	0.2%	9994135	11.3	11.6	2.6%								
Cu	9994121	128	130	1.6%	9994135	12.4	12.3	0.8%								
Fe	9994121	8.81	8.66	1.7%	9994135	3.27	3.21	1.9%								
Ga	9994121	39	42	7.4%	9994135	25	24	4.1%								
In	9994121	< 1	< 1	0.0%	9994135	< 1	< 1	0.0%								
K	9994121	2.91	2.90	0.3%	9994135	1.41	1.40	0.7%								
La	9994121	54	55	1.8%	9994135	21	21	0.0%								
Li	9994121	17	18	5.7%	9994135	23	23	0.0%								
Mg	9994121	8.98	8.91	0.8%	9994135	0.705	0.692	1.9%								
Mn	9994121	1430	1420	0.7%	9994135	587	580	1.2%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	9994121	1.02	1.28	22.6%	9994135	1.9	2.7									
Na	9994121	1.74	1.68	3.5%	9994135	3.11	3.16	1.6%								
Ni	9994121	405	421	3.9%	9994135	8.4	7.8	7.4%								
P	9994121	2460	2230	9.8%	9994135	548	560	2.2%								
Pb	9994121	26	25	3.9%	9994135	< 20	< 20	0.0%								
Rb	9994121	< 50	< 50	0.0%	9994135	< 50	< 50	0.0%								
S	9994121	0.24	0.24	0.0%	9994135	0.06	0.06	0.0%								
Sb	9994121	5	1		9994135	< 1	< 1	0.0%								
Sc	9994121	19	19	0.0%	9994135	10	10	0.0%								
Se	9994121	< 10	< 10	0.0%	9994135	< 10	< 10	0.0%								
Sn	9994121	< 5	< 5	0.0%	9994135	< 5	< 5	0.0%								
Sr	9994121	873	890	1.9%	9994135	170	173	1.7%								
Ta	9994121	< 10	< 10	0.0%	9994135	< 10	< 10	0.0%								
Te	9994121	87	95	8.8%	9994135	< 10	< 10	0.0%								
Th	9994121	< 5	< 5	0.0%	9994135	< 5	< 5	0.0%								
Ti	9994121	2.25	2.10	6.9%	9994135	0.24	0.24	0.0%								
Tl	9994121	< 5	< 5	0.0%	9994135	< 5	< 5	0.0%								
U	9994121	< 50	< 50	0.0%	9994135	< 50	< 50	0.0%								
V	9994121	303	307	1.3%	9994135	27.9	27.9	0.0%								
W	9994121	2	2	0.0%	9994135	1	2									
Y	9994121	25	25	0.0%	9994135	26	26	0.0%								
Zn	9994121	87.4	88.4	1.1%	9994135	63.5	61.7	2.9%								
Zr	9994121	86	65	27.8%	9994135	174	187	7.2%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	9994071	0.003	0.003	0.0%	9994085	0.001	0.001	0.0%	9994096	0.003	0.003	0.0%	9994110	0.001	< 0.001	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	9994121	0.001	0.001	0.0%	9994135	0.003	0.003	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.81	99%	90% - 110%	8.17	8.47	104%	90% - 110%	6.96	6.83	98%	90% - 110%	10.95	10.94	100%	90% - 110%
As					26	23	90%	90% - 110%	124	135	109%	90% - 110%				
Ba	340	336	99%	90% - 110%	540	533	99%	90% - 110%	186	186	100%	90% - 110%	340	329	97%	90% - 110%
Be	2.6	2.8	108%	90% - 110%	4.0	4	101%	90% - 110%					2.6	2.8	108%	90% - 110%
Ca	5.72	5.64	99%	90% - 110%	0.907	0.938	103%	90% - 110%	4.01	3.94	98%	90% - 110%	5.72	5.5	96%	90% - 110%
Ce	122	118	97%	90% - 110%	98	102	104%	90% - 110%	24	22	91%	90% - 110%	122	123	101%	90% - 110%
Co									22.1	21.6	98%	90% - 110%				
Cr					60.3	59.1	98%	90% - 110%								
Cu	7	5	77%	90% - 110%	150	155	104%	90% - 110%	88.6	86.2	97%	90% - 110%	7	5	79%	90% - 110%
Fe	4.34	4.06	94%	90% - 110%	3.77	3.84	102%	90% - 110%	7.56	7.25	96%	90% - 110%	4.34	4.11	95%	90% - 110%
Ga	35	38	110%	90% - 110%									35	35	101%	90% - 110%
K	1.37	1.41	103%	90% - 110%					2.021	2.019	100%	90% - 110%	1.37	1.42	104%	90% - 110%
La	58	55	94%	90% - 110%	44	46	104%	90% - 110%					58	52	90%	90% - 110%
Li	37	38	104%	90% - 110%	47	49	104%	90% - 110%					37	39	106%	90% - 110%
Mg	0.325	0.304	94%	90% - 110%	1.10	1.13	102%	90% - 110%	2.412	2.393	99%	90% - 110%	0.325	0.306	94%	90% - 110%
Mn					780	798	102%	90% - 110%	1510	1486	98%	90% - 110%				
Mo					14	14	98%	90% - 110%								
Na	5.267	5.309	101%	90% - 110%	1.624	1.697	105%	90% - 110%	0.617	0.617	100%	90% - 110%	5.267	5.21	99%	90% - 110%
Ni	9	7	73%	90% - 110%	32	34	105%	90% - 110%	77.1	76.8	100%	90% - 110%	9	7	76%	90% - 110%
P					750	780	104%	90% - 110%	892	972	109%	90% - 110%				
Pb					31	33	105%	90% - 110%								
S									0.348	0.338	97%	90% - 110%				
Sc					12	12	102%	90% - 110%								
Sr	1191	1191	100%	90% - 110%	144	153	106%	90% - 110%	92.8	88.8	96%	90% - 110%	1191	1159	97%	90% - 110%
Ti	0.172	0.165	96%	90% - 110%	0.53	0.48	91%	90% - 110%					0.172	0.169	98%	90% - 110%
V					77	77	100%	90% - 110%								
W					5	6	112%	90% - 110%								
Y	119	122	102%	90% - 110%									119	120	101%	90% - 110%
Zn	93	95	103%	90% - 110%	130	128	99%	90% - 110%	208	214	103%	90% - 110%	93	93	101%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



**AGAT** Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 19T450342

PROJECT: AGAT00589

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS5W)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.56	95%	90% - 110%	0.725	0.676	93%	90% - 110%	5.27	4.89	93%	90% - 110%				

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00589  
 SAMPLING SITE:

AGAT WORK ORDER: 19T450342  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00590

AGAT WORK ORDER: 19T450349

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Apr 12, 2019

PAGES (INCLUDING COVER): 10

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T450349

PROJECT: AGAT00590

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 25, 2019	DATE RECEIVED: Mar 26, 2019	DATE REPORTED: Apr 12, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
Z38705 (9994190)		1.81
Z38706 (9994191)		0.07
Z38707 (9994192)		1.74
Z38708 (9994193)		1.79
Z38709 (9994194)		2.16
Z38710 (9994195)		2.25

Comments: RDL - Reported Detection Limit

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T450349

PROJECT: AGAT00590

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 25, 2019	DATE RECEIVED: Mar 26, 2019					DATE REPORTED: Apr 12, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Sample ID (AGAT ID)															
Z38705 (9994190)	<0.5	5.01	3	129	1.1	<1	1.18	<0.5	28	1.6	16.4	2.5	1.20	16	
Z38706 (9994191)	<0.5	7.19	<1	195	2.0	<1	6.36	<0.5	18	39.8	210	105	7.59	34	
Z38707 (9994192)	<0.5	7.26	4	454	1.8	<1	2.41	<0.5	43	9.1	20.8	24.5	3.80	26	
Z38708 (9994193)	<0.5	7.36	3	275	1.5	<1	2.73	<0.5	44	7.4	10.4	10.6	3.92	27	
Z38709 (9994194)	<0.5	7.29	3	250	1.8	<1	2.85	<0.5	41	8.2	17.5	10.9	3.94	26	
Z38710 (9994195)	<0.5	7.45	2	398	1.6	<1	2.62	<0.5	43	7.1	15.7	4.6	3.71	26	
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
Sample ID (AGAT ID)															
Z38705 (9994190)	<1	1.21	12	9	0.27	376	2.0	2.62	2.9	175	520	<50	0.04	<1	
Z38706 (9994191)	<1	0.43	10	10	4.24	1310	<0.5	2.18	115	923	<20	<50	0.09	<1	
Z38707 (9994192)	<1	1.66	19	26	1.05	641	2.7	3.01	7.5	702	33	<50	0.25	1	
Z38708 (9994193)	<1	1.05	20	22	0.81	692	1.4	2.73	4.2	752	<20	<50	0.11	2	
Z38709 (9994194)	<1	1.05	19	31	1.04	635	2.6	2.80	10.0	654	<20	<50	0.18	2	
Z38710 (9994195)	<1	1.44	20	31	0.96	686	2.2	2.97	6.6	621	<20	<50	0.11	<1	
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Sample ID (AGAT ID)															
Z38705 (9994190)	4	<10	<5	56	<10	<10	7	0.05	<5	<50	8.6	1	11	150	
Z38706 (9994191)	33	<10	<5	244	<10	28	<5	0.80	<5	<50	242	2	22	89.9	
Z38707 (9994192)	11	<10	<5	159	<10	<10	<5	0.24	<5	<50	28.7	1	24	106	
Z38708 (9994193)	11	<10	<5	153	<10	<10	<5	0.27	<5	<50	29.9	1	28	66.2	
Z38709 (9994194)	10	<10	<5	150	<10	<10	<5	0.26	<5	<50	30.4	<1	23	195	
Z38710 (9994195)	10	<10	<5	167	<10	<10	<5	0.24	<5	<50	28.0	1	24	88.6	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T450349

PROJECT: AGAT00590

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 25, 2019      DATE RECEIVED: Mar 26, 2019      DATE REPORTED: Apr 12, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
Z38705 (9994190)				48
Z38706 (9994191)				96
Z38707 (9994192)				196
Z38708 (9994193)				205
Z38709 (9994194)				204
Z38710 (9994195)				199

Comments: RDL - Reported Detection Limit  
 9994190-9994195 As, Sb values may be low due to digestion losses.

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T450349

PROJECT: AGAT00590

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 25, 2019

DATE RECEIVED: Mar 26, 2019

DATE REPORTED: Apr 12, 2019

SAMPLE TYPE: Drill Core

Analyte:	Unit:	RDL:
Au	ppm	0.001
Sample ID (AGAT ID)		
Z38705 (9994190)		0.015
Z38706 (9994191)		0.321
Z38707 (9994192)		0.010
Z38708 (9994193)		0.008
Z38709 (9994194)		0.005
Z38710 (9994195)		0.015

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T450349

PROJECT: AGAT00590

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 25, 2019

DATE RECEIVED: Mar 26, 2019

DATE REPORTED: Apr 12, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL:
Z38705 (9994190)	78

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	9994190	< 0.5	< 0.5	0.0%	9994195	< 0.5	< 0.5	0.0%								
Al	9994190	5.01	5.12	2.2%	9994195	7.45	7.00	6.2%								
As	9994190	3	4		9994195	2	< 1									
Ba	9994190	129	134	3.8%	9994195	398	373	6.5%								
Be	9994190	1.1	1.1	0.0%	9994195	1.6	1.6	0.0%								
Bi	9994190	< 1	< 1	0.0%	9994195	< 1	< 1	0.0%								
Ca	9994190	1.18	1.16	1.7%	9994195	2.62	2.46	6.3%								
Cd	9994190	< 0.5	< 0.5	0.0%	9994195	< 0.5	< 0.5	0.0%								
Ce	9994190	28	32	13.3%	9994195	43	39	9.8%								
Co	9994190	1.6	1.77	9.5%	9994195	7.1	6.8	4.3%								
Cr	9994190	16.4	17.8	8.2%	9994195	15.7	14.2	10.0%								
Cu	9994190	2.5	2.3	8.3%	9994195	4.6	3.7	21.7%								
Fe	9994190	1.20	1.29	7.2%	9994195	3.71	3.50	5.8%								
Ga	9994190	16	16	0.0%	9994195	26	24	8.0%								
In	9994190	< 1	< 1	0.0%	9994195	< 1	< 1	0.0%								
K	9994190	1.21	1.27	4.8%	9994195	1.44	1.35	6.5%								
La	9994190	12	13	8.0%	9994195	20	18	10.5%								
Li	9994190	9	9	0.0%	9994195	31	29	6.7%								
Mg	9994190	0.27	0.281	2.2%	9994195	0.960	0.905	5.9%								
Mn	9994190	376	412	9.1%	9994195	686	651	5.2%								
Mo	9994190	2.0	1.78	9.6%	9994195	2.2	2.9	27.5%								
Na	9994190	2.62	2.63	0.4%	9994195	2.97	2.89	2.7%								
Ni	9994190	2.9	3.9		9994195	6.62	6.12	7.8%								
P	9994190	175	173	1.1%	9994195	621	612	1.5%								
Pb	9994190	520	536	3.0%	9994195	< 20	< 20	0.0%								
Rb	9994190	< 50	< 50	0.0%	9994195	< 50	< 50	0.0%								
S	9994190	0.04	0.04	0.0%	9994195	0.11	0.11	0.0%								
Sb	9994190	< 1	< 1	0.0%	9994195	< 1	< 1	0.0%								
Sc	9994190	4	4	0.0%	9994195	10	9	10.5%								
Se	9994190	< 10	< 10	0.0%	9994195	< 10	< 10	0.0%								
Sn	9994190	< 5	< 5	0.0%	9994195	< 5	< 5	0.0%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)													
	Expect	Actual	Recovery	Limits										
Al	10.95	10.54	96%	90% - 110%										
Ba	340	332	98%	90% - 110%										
Be	2.6	2.6	99%	90% - 110%										
Ca	5.72	5.5	96%	90% - 110%										
Ce	122	115	95%	90% - 110%										
Fe	4.34	4.06	94%	90% - 110%										
Ga	35	33	93%	90% - 110%										
K	1.37	1.38	101%	90% - 110%										
La	58	52.7	91%	90% - 110%										
Li	37	37	99%	90% - 110%										
Mg	0.325	0.307	94%	90% - 110%										
Na	5.267	5.109	97%	90% - 110%										
Ni	9	9	100%	90% - 110%										
Pb	10	9	90%	90% - 110%										
Sr	1191	1178	99%	90% - 110%										
Ti	0.172	0.163	94%	90% - 110%										
Y	119	116	97%	90% - 110%										
Zn	93	95	102%	90% - 110%										

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS6F)													
	Expect	Actual	Recovery	Limits										
Au	6.87	6.33	92%	90% - 110%										

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00590  
 SAMPLING SITE:

AGAT WORK ORDER: 19T450349  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE



CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00556R

AGAT WORK ORDER: 19T451051

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Apr 03, 2019

PAGES (INCLUDING COVER): 5

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

# Certificate of Analysis

AGAT WORK ORDER: 19T451051

PROJECT: AGAT00556R

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

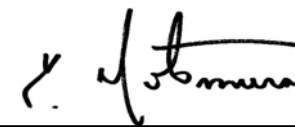
ATTENTION TO: Stephen Brooking

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 27, 2019	DATE RECEIVED: Mar 27, 2019	DATE REPORTED: Apr 03, 2019	SAMPLE TYPE: Other
Analyte: Au	Unit: ppm	RDL: 0.001	
Sample ID (AGAT ID)			
A74576 (9998928)		0.005	
A74577 (9998929)		0.005	
A74578 (9998930)		0.018	
A74579 (9998931)		0.006	
A74580 (9998932)		0.007	
A74581 (9998933)		0.010	
A74582 (9998934)		0.013	
A74583 (9998935)		0.006	
A74584 (9998936)		0.008	
A74585 (9998937)		0.004	
A74586 (9998938)		0.335	
A74587 (9998939)		0.006	
A74588 (9998940)		0.006	
A74589 (9998941)		0.004	
A74590 (9998942)		0.002	
A74591 (9998943)		0.006	
A74592 (9998944)		0.002	
A74593 (9998945)		0.005	
A74594 (9998946)		0.003	
A74595 (9998947)		0.005	
A74596 (9998948)		0.011	

Comments: RDL - Reported Detection Limit

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	Sample ID	REPLICATE #1												
		Original	Replicate	RPD										
Au	9998939	0.006	0.009											



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP7M)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	6.87	6.89	100%	90% - 110%	0.725	0.713	98%	90% - 110%				

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19T451051

PROJECT: AGAT00556R

ATTENTION TO: Stephen Brooking

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00593

AGAT WORK ORDER: 19T452045

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Apr 17, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T452045

PROJECT: AGAT00593

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 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 29, 2019      DATE RECEIVED: Mar 30, 2019      DATE REPORTED: Apr 17, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D60487 (102241)		1.48
D60488 (102242)		2.13
D60489 (102243)		3.33
D60490 (102244)		2.42
D60491 (102245)		3.08
D60492 (102246)		1.02
D60493 (102247)		3.03
D60494 (102248)		1.67
D60495 (102249)		1.64
D60496 (102250)		2.49
D60497 (102251)		3.21
D60498 (102252)		3.21
D60499 (102253)		2.46
D60500 (102254)		1.36
D60501 (102255)		2.42
D60502 (102256)		3.41
D60503 (102257)		3.45
D60504 (102258)		1.31
D60505 (102259)		2.21
D60506 (102260)		0.06
D60507 (102261)		3.12
D60508 (102262)		2.26
D60509 (102263)		1.92
D60510 (102264)		2.13
D60511 (102265)		1.18
D60512 (102266)		0.89
D60513 (102267)		1.52
D60514 (102268)		3.14
D60515 (102269)		1.50
D60516 (102270)		1.98
D60517 (102271)		0.85

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T452045

PROJECT: AGAT00593

5623 McADAM ROAD  
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 TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 29, 2019      DATE RECEIVED: Mar 30, 2019      DATE REPORTED: Apr 17, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D60518 (102272)		0.85
D60519 (102273)		0.82
D60520 (102274)		2.49
D60521 (102275)		1.92
D60522 (102276)		2.05
D60523 (102277)		1.19
D60524 (102278)		1.51
D60525 (102279)		0.88
D60526 (102280)		0.07
D60527 (102281)		2.54
D60528 (102282)		2.46
D60529 (102283)		2.81
D60530 (102284)		1.04
D60531 (102285)		1.79
D60532 (102286)		0.95
D60533 (102287)		1.40
D60534 (102288)		1.29
D60535 (102289)		1.19
D60536 (102290)		2.02
D60537 (102291)		1.51
D60538 (102292)		1.51
D60539 (102293)		1.76
D60540 (102294)		1.79
D60541 (102295)		0.84
D60542 (102296)		0.96
D60543 (102297)		0.87
D60544 (102298)		1.52
D60545 (102299)		0.77
D60546 (102300)		0.07
D60547 (102301)		1.68
D60548 (102302)		0.73

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T452045

PROJECT: AGAT00593

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 29, 2019	DATE RECEIVED: Mar 30, 2019	DATE REPORTED: Apr 17, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D60549 (102303)		0.62
D60550 (102304)		1.25
D60551 (102305)		0.79
D60552 (102306)		0.92
D60553 (102307)		0.67
D60554 (102308)		0.95
D60555 (102309)		0.61
D60556 (102310)		1.08
D60557 (102311)		1.17
D60558 (102312)		1.17

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T452045

PROJECT: AGAT00593

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 29, 2019	DATE RECEIVED: Mar 30, 2019							DATE REPORTED: Apr 17, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D60487 (102241)	<0.5	8.30	<1	265	1.0	<1	4.14	<0.5	55	8.7	154	20.3	4.49	17	
D60488 (102242)	0.8	8.28	<1	277	0.8	<1	3.51	0.5	67	139	114	1890	4.40	17	
D60489 (102243)	0.6	8.45	<1	315	0.6	<1	3.59	0.5	59	8.2	55.4	39.9	4.66	20	
D60490 (102244)	0.6	8.45	<1	290	0.6	<1	3.66	<0.5	61	10.1	103	57.0	4.67	18	
D60491 (102245)	0.5	8.44	<1	271	0.7	<1	3.90	<0.5	59	8.9	76.0	25.6	4.65	18	
D60492 (102246)	<0.5	0.09	<1	34	<0.5	<1	34.2	<0.5	<1	<0.5	3.8	<0.5	0.08	<5	
D60493 (102247)	0.5	8.25	<1	380	0.5	<1	3.70	0.6	57	11.1	100	36.6	5.11	20	
D60494 (102248)	<0.5	7.61	<1	463	<0.5	1	2.14	2.1	58	9.0	97.8	76.5	5.79	17	
D60495 (102249)	<0.5	6.95	<1	433	<0.5	<1	1.94	1.8	72	9.8	116	116	5.78	17	
D60496 (102250)	<0.5	8.31	<1	161	<0.5	2	8.13	0.9	1	38.1	241	50.9	8.19	20	
D60497 (102251)	<0.5	8.51	<1	181	<0.5	<1	6.91	<0.5	2	37.3	237	89.7	7.42	19	
D60498 (102252)	<0.5	8.63	<1	196	<0.5	<1	6.86	<0.5	2	36.7	218	86.9	7.28	19	
D60499 (102253)	<0.5	8.50	<1	91	0.7	2	7.04	0.5	2	38.0	264	77.2	7.42	19	
D60500 (102254)	<0.5	9.18	<1	146	<0.5	4	6.88	0.5	2	42.1	260	147	8.12	20	
D60501 (102255)	<0.5	9.73	<1	228	<0.5	<1	5.87	<0.5	2	46.2	147	73.8	6.90	22	
D60502 (102256)	<0.5	9.43	<1	212	<0.5	<1	5.59	<0.5	3	44.3	133	36.9	7.23	21	
D60503 (102257)	<0.5	9.93	<1	141	<0.5	<1	6.10	0.6	2	44.6	157	80.2	7.50	21	
D60504 (102258)	<0.5	9.68	<1	171	<0.5	<1	6.44	0.9	2	48.0	202	52.4	7.52	21	
D60505 (102259)	<0.5	8.62	<1	88	0.6	<1	5.68	0.6	6	36.6	126	62.3	7.25	24	
D60506 (102260)	<0.5	7.50	<1	139	<0.5	<1	6.92	<0.5	3	39.0	149	158	7.99	21	
D60507 (102261)	<0.5	7.70	<1	251	0.8	<1	3.05	<0.5	29	16.7	95.6	52.1	4.02	18	
D60508 (102262)	<0.5	7.30	<1	271	0.9	<1	2.37	<0.5	53	7.0	67.7	9.1	2.72	16	
D60509 (102263)	<0.5	7.38	<1	269	0.8	<1	2.14	0.6	55	9.3	73.8	15.6	3.59	18	
D60510 (102264)	0.5	7.31	<1	270	0.9	<1	2.30	0.8	52	9.8	90.3	27.5	3.34	17	
D60511 (102265)	<0.5	6.70	<1	231	1.3	<1	2.08	<0.5	23	5.4	84.8	9.3	2.38	17	
D60512 (102266)	<0.5	0.40	<1	73	1.1	<1	29.6	<0.5	<1	<0.5	4.0	<0.5	0.09	<5	
D60513 (102267)	<0.5	7.64	<1	372	0.9	<1	2.74	<0.5	50	12.5	98.8	13.7	3.99	17	
D60514 (102268)	0.6	7.80	<1	396	0.7	<1	2.99	<0.5	52	9.5	84.2	32.0	3.58	16	
D60515 (102269)	0.6	7.99	<1	481	1.0	<1	3.22	<0.5	51	10.3	81.0	37.7	3.92	17	
D60516 (102270)	<0.5	7.38	<1	868	1.2	<1	4.70	<0.5	64	25.8	330	7.0	5.26	18	
D60517 (102271)	<0.5	7.55	<1	862	1.0	<1	3.87	<0.5	60	20.8	270	8.6	4.99	18	
D60518 (102272)	<0.5	7.70	<1	863	1.0	<1	3.82	<0.5	59	20.5	256	9.5	4.98	19	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T452045

PROJECT: AGAT00593

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 29, 2019	DATE RECEIVED: Mar 30, 2019							DATE REPORTED: Apr 17, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D60519 (102273)	<0.5	6.67	3	88	1.4	<1	2.59	<0.5	11	1.4	51.3	0.9	0.56	15	
D60520 (102274)	<0.5	7.68	<1	335	1.1	<1	2.85	<0.5	54	8.7	80.0	19.2	3.33	17	
D60521 (102275)	<0.5	8.04	<1	415	1.2	<1	2.97	<0.5	50	12.0	79.3	18.8	4.05	18	
D60522 (102276)	0.7	7.70	<1	347	0.8	<1	2.96	<0.5	52	8.1	83.3	25.8	3.43	15	
D60523 (102277)	0.6	7.70	<1	331	0.9	<1	3.02	<0.5	52	7.0	73.6	22.2	3.12	16	
D60524 (102278)	0.7	7.77	1	333	1.2	<1	3.14	<0.5	52	8.1	86.8	31.0	3.20	16	
D60525 (102279)	<0.5	7.10	<1	245	1.1	<1	5.13	<0.5	59	26.8	347	<0.5	5.45	19	
D60526 (102280)	<0.5	7.81	<1	186	<0.5	<1	6.63	<0.5	15	40.7	163	110	7.83	21	
D60527 (102281)	<0.5	8.10	<1	379	1.3	<1	2.56	1.4	37	5.0	67.2	9.4	2.65	15	
D60528 (102282)	<0.5	6.78	2	877	0.8	<1	1.33	1.1	8	1.2	54.7	0.7	0.92	13	
D60529 (102283)	<0.5	6.81	<1	699	0.9	<1	1.58	1.1	7	1.5	60.4	0.7	0.87	14	
D60530 (102284)	<0.5	8.13	<1	675	1.1	<1	1.98	1.0	41	5.2	58.4	<0.5	1.62	20	
D60531 (102285)	<0.5	7.86	<1	874	0.8	<1	1.36	0.8	47	2.9	66.6	1.2	1.27	21	
D60532 (102286)	<0.5	0.06	1	20	<0.5	<1	32.7	<0.5	<1	0.5	<0.5	<0.5	0.08	<5	
D60533 (102287)	<0.5	7.22	1	591	1.1	<1	2.00	1.2	24	2.7	67.3	5.1	1.21	19	
D60534 (102288)	0.5	8.08	<1	865	0.9	<1	1.88	1.2	35	4.3	69.5	6.5	1.76	18	
D60535 (102289)	0.7	8.19	1	668	1.0	<1	2.15	1.6	59	5.1	78.7	15.7	2.32	19	
D60536 (102290)	0.7	7.65	<1	191	1.1	<1	2.67	1.9	49	7.5	88.1	13.9	3.22	17	
D60537 (102291)	<0.5	8.37	<1	678	1.2	<1	2.33	1.8	54	4.3	74.2	2.7	1.90	19	
D60538 (102292)	<0.5	8.20	2	639	1.1	<1	2.35	1.9	46	4.0	59.7	2.5	1.80	18	
D60539 (102293)	<0.5	8.75	<1	723	0.9	<1	2.52	1.8	140	6.2	55.4	8.5	2.44	21	
D60540 (102294)	0.7	7.65	2	990	0.9	<1	1.68	2.1	50	4.2	75.6	22.5	2.03	16	
D60541 (102295)	1.3	7.47	<1	637	1.0	<1	2.01	3.1	44	6.1	85.9	58.5	3.55	16	
D60542 (102296)	1.9	6.66	2	502	0.8	<1	1.68	3.4	98	9.4	107	81.6	4.70	20	
D60543 (102297)	1.1	7.42	<1	314	1.0	<1	2.30	4.6	48	5.9	93.6	28.5	3.42	14	
D60544 (102298)	2.1	6.68	<1	509	0.6	1	1.62	4.6	55	11.1	128	106	6.13	17	
D60545 (102299)	0.9	7.13	<1	223	0.7	<1	2.51	5.2	47	7.1	97.1	36.8	4.10	15	
D60546 (102300)	<0.5	7.69	2	82	<0.5	<1	7.52	<0.5	3	37.6	167	164	7.43	20	
D60547 (102301)	1.4	7.27	<1	220	0.8	<1	2.47	6.6	48	8.0	93.9	49.3	4.67	15	
D60548 (102302)	2.3	6.37	<1	343	<0.5	3	1.04	10.2	38	11.9	224	71.2	8.39	5	
D60549 (102303)	1.3	5.60	<1	357	<0.5	3	0.63	8.6	42	4.1	109	9.2	6.20	<5	
D60550 (102304)	1.7	6.14	<1	374	<0.5	3	0.80	7.6	44	16.0	192	44.4	6.45	6	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T452045

PROJECT: AGAT00593

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 29, 2019	DATE RECEIVED: Mar 30, 2019				DATE REPORTED: Apr 17, 2019				SAMPLE TYPE: Drill Core					
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5
D60551 (102305)	1.1	7.36	<1	169	1.4	<1	2.62	4.4	54	6.3	88.2	25.7	3.52	15
D60552 (102306)	<0.5	0.08	<1	39	<0.5	<1	32.3	<0.5	<1	<0.5	3.9	<0.5	0.10	<5
D60553 (102307)	1.1	7.18	<1	330	0.7	<1	2.26	5.5	50	7.8	71.6	42.2	4.08	15
D60554 (102308)	1.5	5.74	<1	199	<0.5	<1	1.16	9.8	66	11.0	119	57.8	6.81	12
D60555 (102309)	0.8	6.27	<1	112	0.9	<1	2.25	5.6	35	5.4	152	26.9	3.49	12
D60556 (102310)	0.7	7.48	<1	195	1.0	<1	2.60	7.0	57	6.9	78.3	14.4	4.03	15
D60557 (102311)	0.8	6.96	<1	197	0.9	<1	2.20	6.0	45	6.4	154	13.5	3.71	15
D60558 (102312)	0.7	7.01	<1	185	0.9	<1	2.24	5.8	46	6.5	123	12.2	3.56	14

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DATE SAMPLED: Mar 29, 2019	DATE RECEIVED: Mar 30, 2019					DATE REPORTED: Apr 17, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D60487 (102241)	<1	0.85	22	34	1.07	1460	6.7	2.17	13.6	708	<20	<50	0.81	<1	
D60488 (102242)	<1	0.81	23	35	0.54	1570	11.9	2.36	590	712	<20	<50	0.88	<1	
D60489 (102243)	<1	0.83	23	42	0.60	1290	5.3	2.28	2.6	810	<20	<50	0.95	<1	
D60490 (102244)	<1	0.83	24	40	0.59	1220	13.5	2.18	11.6	772	<20	<50	0.98	<1	
D60491 (102245)	<1	0.81	23	38	0.62	1330	7.7	1.88	2.6	769	<20	<50	0.78	<1	
D60492 (102246)	<1	0.02	3	<1	2.01	120	<0.5	0.05	0.5	93	<20	<50	0.12	<1	
D60493 (102247)	<1	0.92	24	45	0.79	1570	7.5	1.67	6.0	762	<20	<50	0.69	<1	
D60494 (102248)	<1	1.09	25	47	0.76	2390	8.4	2.54	7.0	684	<20	<50	1.02	<1	
D60495 (102249)	<1	0.87	31	37	0.63	1910	14.2	1.98	8.3	531	<20	<50	1.34	1	
D60496 (102250)	<1	0.51	4	25	3.69	2140	3.9	0.74	97.4	265	<20	<50	0.23	1	
D60497 (102251)	<1	0.63	3	32	3.00	1770	7.5	0.97	93.9	205	<20	<50	0.33	1	
D60498 (102252)	<1	0.66	3	33	2.95	1720	3.2	1.01	95.8	218	<20	<50	0.31	2	
D60499 (102253)	<1	0.58	3	28	3.05	1770	6.1	1.10	113	246	<20	<50	0.33	<1	
D60500 (102254)	<1	0.61	4	36	2.91	1930	4.3	1.26	117	218	<20	<50	0.52	3	
D60501 (102255)	<1	0.88	4	40	2.31	1520	6.3	1.91	87.1	287	<20	<50	0.27	4	
D60502 (102256)	<1	0.98	4	37	2.34	1560	4.0	2.00	86.1	265	<20	<50	0.20	4	
D60503 (102257)	<1	0.73	4	37	2.21	2050	6.8	1.89	89.6	285	<20	<50	0.49	3	
D60504 (102258)	<1	0.54	4	38	2.59	2240	4.5	1.60	107	239	<20	<50	0.36	1	
D60505 (102259)	<1	0.63	5	54	3.03	1560	7.1	1.83	55.3	308	<20	<50	0.36	1	
D60506 (102260)	<1	0.20	5	12	4.49	1420	1.6	2.44	87.9	403	<20	<50	0.16	3	
D60507 (102261)	<1	1.38	14	66	1.57	469	10.6	2.14	29.2	358	<20	<50	0.25	<1	
D60508 (102262)	<1	1.21	23	49	0.90	663	7.3	2.51	8.7	350	<20	<50	0.06	<1	
D60509 (102263)	<1	1.36	24	62	0.97	930	11.8	2.55	11.5	397	<20	<50	0.09	<1	
D60510 (102264)	<1	1.28	23	56	0.91	740	8.9	2.42	13.5	381	<20	<50	0.16	<1	
D60511 (102265)	<1	0.95	10	40	0.58	724	11.9	2.52	6.0	141	<20	<50	0.06	<1	
D60512 (102266)	<1	0.07	2	<1	3.31	103	<0.5	0.26	<0.5	87	<20	<50	0.09	<1	
D60513 (102267)	<1	1.42	23	67	1.14	1090	19.4	2.13	18.7	537	<20	<50	0.13	<1	
D60514 (102268)	<1	1.15	23	48	0.87	1510	13.9	2.18	9.1	448	<20	<50	0.51	<1	
D60515 (102269)	<1	1.04	23	40	0.75	1830	8.5	2.10	11.9	402	<20	<50	0.59	<1	
D60516 (102270)	<1	2.14	29	92	4.60	1140	7.4	0.80	92.2	1870	<20	<50	0.09	<1	
D60517 (102271)	<1	2.33	28	109	3.69	997	4.7	0.88	71.4	1560	<20	<50	0.13	<1	
D60518 (102272)	<1	2.40	27	112	3.63	978	7.9	0.92	70.9	1480	<20	<50	0.13	<1	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T452045

PROJECT: AGAT00593

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 29, 2019	DATE RECEIVED: Mar 30, 2019					DATE REPORTED: Apr 17, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D60519 (102273)	<1	0.38	5	11	0.16	95	7.4	2.63	5.6	105	<20	<50	0.01	<1	
D60520 (102274)	<1	1.53	23	38	0.86	944	9.9	2.47	10.2	391	<20	<50	0.26	<1	
D60521 (102275)	<1	1.88	22	49	1.07	1060	7.0	2.33	10.1	515	<20	<50	0.26	<1	
D60522 (102276)	<1	1.26	23	50	0.92	784	11.8	2.12	8.5	390	<20	<50	0.59	<1	
D60523 (102277)	<1	1.24	23	50	0.80	916	7.3	2.19	8.1	382	<20	<50	0.51	<1	
D60524 (102278)	<1	1.13	23	39	0.64	1450	11.1	2.25	8.6	429	<20	<50	0.50	<1	
D60525 (102279)	<1	2.70	28	133	4.92	1210	3.4	0.93	108	1800	<20	<50	0.05	<1	
D60526 (102280)	<1	0.45	10	10	4.55	1370	1.8	2.61	109	825	<20	<50	0.10	4	
D60527 (102281)	<1	2.09	15	49	0.56	1190	8.6	2.53	6.7	207	<20	<50	0.13	<1	
D60528 (102282)	<1	4.35	5	19	0.15	530	6.0	1.75	3.4	69	26	<50	0.01	<1	
D60529 (102283)	<1	3.92	4	19	0.16	204	11.2	1.78	2.6	501	27	<50	0.01	<1	
D60530 (102284)	<1	3.82	20	43	0.41	224	4.9	2.11	7.6	383	23	<50	0.01	<1	
D60531 (102285)	<1	5.28	22	33	0.24	335	10.1	1.68	4.9	162	30	<50	0.01	<1	
D60532 (102286)	<1	0.01	2	1	2.37	113	<0.5	0.04	<0.5	70	<20	<50	0.10	<1	
D60533 (102287)	<1	3.27	12	22	0.22	347	11.0	1.91	3.8	71	<20	<50	0.06	<1	
D60534 (102288)	<1	4.08	16	39	0.37	421	10.8	1.90	5.2	145	22	<50	0.08	<1	
D60535 (102289)	<1	3.48	27	40	0.43	897	10.1	2.67	5.8	367	<20	<50	0.21	<1	
D60536 (102290)	<1	1.40	21	48	0.58	1520	6.8	2.80	6.2	405	<20	<50	0.18	1	
D60537 (102291)	<1	3.33	25	38	0.40	740	5.1	2.62	5.0	384	<20	<50	0.06	<1	
D60538 (102292)	<1	3.18	21	35	0.38	736	7.6	2.24	4.5	391	<20	<50	0.05	<1	
D60539 (102293)	<1	3.57	61	54	0.52	321	5.3	2.17	7.0	611	23	<50	0.16	<1	
D60540 (102294)	<1	4.58	22	30	0.26	699	11.3	1.62	6.2	141	29	<50	0.40	<1	
D60541 (102295)	<1	3.09	20	24	0.25	1280	9.3	1.79	7.5	175	<20	<50	1.02	<1	
D60542 (102296)	<1	2.54	42	39	0.34	1080	16.9	1.44	6.1	220	<20	<50	1.37	<1	
D60543 (102297)	<1	2.03	21	38	0.35	2310	10.5	1.83	5.5	386	<20	<50	0.50	<1	
D60544 (102298)	<1	2.62	24	47	0.47	2060	15.9	1.33	9.3	409	<20	<50	1.62	<1	
D60545 (102299)	<1	1.24	20	57	0.50	1650	16.9	1.82	5.7	360	<20	<50	0.71	<1	
D60546 (102300)	<1	0.25	4	14	4.67	1330	1.9	1.79	101	335	<20	<50	0.21	1	
D60547 (102301)	<1	1.43	21	49	0.52	3080	8.9	1.73	8.1	398	<20	<50	0.88	<1	
D60548 (102302)	<1	1.90	17	16	0.54	14700	25.9	0.63	11.5	216	<20	<50	1.18	<1	
D60549 (102303)	<1	2.25	19	11	0.45	15900	22.9	0.30	7.5	278	54	<50	0.18	<1	
D60550 (102304)	<1	2.73	20	18	0.48	12200	21.9	0.59	13.5	321	45	<50	0.88	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T452045

PROJECT: AGAT00593

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 29, 2019	DATE RECEIVED: Mar 30, 2019					DATE REPORTED: Apr 17, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D60551 (102305)	<1	1.23	25	35	0.46	3060	7.0	1.94	4.7	422	<20	<50	0.42	<1	
D60552 (102306)	<1	0.02	2	<1	2.70	138	<0.5	0.04	<0.5	75	<20	<50	0.10	<1	
D60553 (102307)	<1	1.75	22	30	0.43	2820	6.9	1.65	5.2	434	<20	<50	0.63	<1	
D60554 (102308)	<1	1.18	32	38	0.57	7520	8.3	0.66	7.5	421	<20	<50	0.81	<1	
D60555 (102309)	<1	0.87	16	40	0.47	3190	21.0	1.58	5.4	372	<20	<50	0.39	<1	
D60556 (102310)	<1	1.38	24	51	0.65	3530	7.4	1.69	4.8	428	<20	<50	0.23	<1	
D60557 (102311)	<1	1.30	20	32	0.52	3870	22.4	1.57	6.6	408	<20	<50	0.19	<1	
D60558 (102312)	<1	1.26	21	33	0.52	3620	21.7	1.63	6.0	378	<20	<50	0.18	<1	

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DATE SAMPLED: Mar 29, 2019	DATE RECEIVED: Mar 30, 2019					DATE REPORTED: Apr 17, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D60487 (102241)	16	<10	<5	188	<10	<10	<5	0.31	<5	<50	16.4	1	35	125	
D60488 (102242)	14	<10	154	200	<10	<10	8	0.31	<5	<50	2.7	1690	35	142	
D60489 (102243)	14	<10	<5	194	<10	<10	<5	0.36	<5	<50	8.9	7	35	152	
D60490 (102244)	13	<10	<5	221	<10	<10	<5	0.35	<5	<50	1.9	86	36	140	
D60491 (102245)	13	<10	<5	206	<10	<10	<5	0.34	<5	<50	3.8	2	35	125	
D60492 (102246)	<1	<10	<5	75	<10	<10	<5	<0.01	<5	<50	1.1	2	2	2.7	
D60493 (102247)	16	<10	<5	173	<10	<10	<5	0.38	<5	<50	29.6	3	35	166	
D60494 (102248)	14	<10	<5	131	<10	<10	<5	0.30	<5	<50	16.9	3	37	269	
D60495 (102249)	13	<10	<5	114	<10	<10	<5	0.29	<5	<50	10.0	12	35	394	
D60496 (102250)	44	<10	<5	134	<10	<10	<5	0.42	<5	<50	223	3	19	173	
D60497 (102251)	42	<10	<5	146	<10	<10	<5	0.41	<5	<50	210	5	20	131	
D60498 (102252)	42	<10	<5	150	<10	<10	<5	0.42	<5	<50	217	2	20	127	
D60499 (102253)	44	<10	<5	133	<10	<10	<5	0.36	<5	<50	211	5	19	152	
D60500 (102254)	44	<10	<5	151	<10	<10	<5	0.49	<5	<50	236	3	19	159	
D60501 (102255)	41	<10	<5	178	<10	<10	<5	0.69	<5	<50	280	5	21	130	
D60502 (102256)	39	<10	<5	164	<10	<10	<5	0.64	<5	<50	262	4	20	129	
D60503 (102257)	43	<10	<5	176	<10	<10	<5	0.69	<5	<50	273	3	22	163	
D60504 (102258)	45	<10	<5	180	<10	<10	<5	0.59	<5	<50	270	4	21	266	
D60505 (102259)	35	<10	<5	158	<10	<10	<5	0.51	<5	<50	208	4	22	197	
D60506 (102260)	46	<10	<5	117	<10	<10	<5	0.72	<5	<50	299	3	22	79.8	
D60507 (102261)	12	<10	<5	175	<10	<10	<5	0.31	<5	<50	76.3	2	14	149	
D60508 (102262)	9	<10	<5	142	<10	<10	7	0.22	<5	<50	29.0	1	25	71.5	
D60509 (102263)	10	<10	<5	118	<10	<10	7	0.24	<5	<50	28.9	2	33	154	
D60510 (102264)	9	<10	<5	132	<10	<10	8	0.23	<5	<50	27.4	2	28	198	
D60511 (102265)	9	<10	<5	137	<10	<10	<5	0.17	<5	<50	20.4	2	27	105	
D60512 (102266)	<1	<10	<5	65	<10	<10	<5	<0.01	<5	<50	1.3	<1	4	3.3	
D60513 (102267)	12	<10	<5	172	<10	<10	6	0.30	<5	<50	52.7	2	29	158	
D60514 (102268)	10	<10	<5	238	<10	<10	5	0.26	<5	<50	36.7	3	27	238	
D60515 (102269)	10	<10	<5	337	<10	<10	<5	0.27	<5	<50	30.9	3	31	168	
D60516 (102270)	21	<10	<5	451	<10	<10	<5	0.46	<5	<50	158	3	23	123	
D60517 (102271)	18	<10	<5	335	<10	<10	6	0.42	<5	<50	133	2	22	217	
D60518 (102272)	17	<10	<5	344	<10	<10	<5	0.42	<5	<50	130	2	21	217	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T452045

PROJECT: AGAT00593

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 29, 2019	DATE RECEIVED: Mar 30, 2019					DATE REPORTED: Apr 17, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D60519 (102273)	1	<10	<5	206	<10	<10	<5	0.03	<5	<50	6.7	<1	3	39.2	
D60520 (102274)	10	<10	<5	200	<10	<10	8	0.24	<5	<50	35.5	3	23	93.7	
D60521 (102275)	12	<10	<5	201	<10	<10	6	0.28	<5	<50	52.7	2	28	84.8	
D60522 (102276)	9	<10	<5	239	<10	<10	5	0.24	<5	<50	27.2	3	21	173	
D60523 (102277)	9	<10	<5	254	<10	<10	6	0.25	<5	<50	30.0	2	24	152	
D60524 (102278)	10	<10	<5	278	<10	<10	7	0.25	<5	<50	30.3	2	32	106	
D60525 (102279)	25	<10	<5	245	<10	<10	<5	0.41	<5	<50	150	3	24	124	
D60526 (102280)	35	<10	<5	261	<10	<10	<5	0.91	<5	<50	232	3	22	92.6	
D60527 (102281)	8	<10	<5	186	<10	<10	<5	0.22	<5	<50	19.7	3	20	298	
D60528 (102282)	5	<10	<5	181	<10	<10	<5	0.07	<5	<50	7.4	<1	6	110	
D60529 (102283)	2	<10	<5	175	<10	<10	<5	0.09	<5	<50	6.1	<1	4	114	
D60530 (102284)	4	<10	<5	223	<10	<10	8	0.19	<5	<50	25.9	2	4	222	
D60531 (102285)	7	<10	<5	221	<10	<10	15	0.14	<5	<50	16.9	1	7	147	
D60532 (102286)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	0.9	<1	2	3.3	
D60533 (102287)	5	<10	<5	194	<10	<10	7	0.12	<5	<50	9.5	1	4	128	
D60534 (102288)	4	<10	<5	207	<10	<10	9	0.20	<5	<50	18.2	2	6	199	
D60535 (102289)	6	<10	<5	202	<10	<10	13	0.20	<5	<50	21.0	3	15	246	
D60536 (102290)	11	<10	<5	154	<10	<10	6	0.24	<5	<50	17.5	3	29	263	
D60537 (102291)	5	<10	<5	190	<10	<10	12	0.22	<5	<50	20.4	3	11	221	
D60538 (102292)	4	<10	<5	187	<10	<10	10	0.20	<5	<50	19.5	2	11	214	
D60539 (102293)	3	<10	<5	185	<10	<10	43	0.35	<5	<50	25.7	4	5	311	
D60540 (102294)	4	<10	<5	183	<10	<10	14	0.14	<5	<50	13.3	5	8	387	
D60541 (102295)	4	<10	<5	157	<10	<10	9	0.13	<5	<50	10.1	10	15	954	
D60542 (102296)	5	<10	<5	124	<10	<10	20	0.19	<5	<50	14.6	31	14	3060	
D60543 (102297)	9	<10	<5	126	<10	<10	5	0.22	<5	<50	10.3	9	35	827	
D60544 (102298)	12	<10	<5	111	<10	<10	<5	0.26	<5	<50	19.8	12	30	1050	
D60545 (102299)	10	<10	<5	107	<10	<10	<5	0.25	<5	<50	17.1	8	24	756	
D60546 (102300)	43	<10	<5	182	<10	<10	<5	0.63	<5	<50	271	4	20	76.1	
D60547 (102301)	10	<10	<5	99	<10	<10	<5	0.25	<5	<50	16.9	8	30	715	
D60548 (102302)	18	<10	<5	64	<10	<10	<5	0.10	<5	<50	10.2	3	52	235	
D60549 (102303)	9	<10	<5	53	<10	<10	<5	0.07	<5	<50	9.8	9	25	787	
D60550 (102304)	10	<10	<5	61	<10	<10	5	0.14	<5	<50	12.9	7	29	600	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T452045

PROJECT: AGAT00593

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 29, 2019	DATE RECEIVED: Mar 30, 2019					DATE REPORTED: Apr 17, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Sample ID (AGAT ID)															
D60551 (102305)	10	<10	<5	96	<10	<10	6	0.23	<5	<50	18.9	6	25	569	
D60552 (102306)	<1	<10	<5	73	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	3.7	
D60553 (102307)	10	<10	<5	95	<10	<10	<5	0.27	<5	<50	19.7	10	25	936	
D60554 (102308)	14	<10	<5	45	<10	<10	<5	0.29	<5	<50	20.3	22	40	2040	
D60555 (102309)	8	<10	<5	81	<10	<10	<5	0.20	<5	<50	16.8	7	24	633	
D60556 (102310)	9	<10	<5	89	<10	<10	5	0.24	<5	<50	16.4	6	31	448	
D60557 (102311)	9	<10	<5	98	<10	<10	6	0.24	<5	<50	17.5	7	29	617	
D60558 (102312)	9	<10	<5	99	<10	<10	7	0.24	<5	<50	17.8	6	27	613	

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## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 29, 2019      DATE RECEIVED: Mar 30, 2019      DATE REPORTED: Apr 17, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D60487 (102241)				221
D60488 (102242)				241
D60489 (102243)				249
D60490 (102244)				222
D60491 (102245)				221
D60492 (102246)				<5
D60493 (102247)				195
D60494 (102248)				83
D60495 (102249)				94
D60496 (102250)				10
D60497 (102251)				25
D60498 (102252)				28
D60499 (102253)				32
D60500 (102254)				24
D60501 (102255)				13
D60502 (102256)				12
D60503 (102257)				13
D60504 (102258)				22
D60505 (102259)				44
D60506 (102260)				52
D60507 (102261)				138
D60508 (102262)				177
D60509 (102263)				184
D60510 (102264)				196
D60511 (102265)				167
D60512 (102266)				5
D60513 (102267)				178
D60514 (102268)				185
D60515 (102269)				194
D60516 (102270)				137
D60517 (102271)				142
D60518 (102272)				145

Certified By:



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AGAT WORK ORDER: 19T452045

PROJECT: AGAT00593

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 29, 2019      DATE RECEIVED: Mar 30, 2019      DATE REPORTED: Apr 17, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D60519 (102273)			101
D60520 (102274)			178
D60521 (102275)			181
D60522 (102276)			187
D60523 (102277)			196
D60524 (102278)			193
D60525 (102279)			127
D60526 (102280)			93
D60527 (102281)			157
D60528 (102282)			27
D60529 (102283)			32
D60530 (102284)			116
D60531 (102285)			74
D60532 (102286)			<5
D60533 (102287)			84
D60534 (102288)			138
D60535 (102289)			162
D60536 (102290)			213
D60537 (102291)			122
D60538 (102292)			124
D60539 (102293)			100
D60540 (102294)			127
D60541 (102295)			141
D60542 (102296)			262
D60543 (102297)			194
D60544 (102298)			166
D60545 (102299)			142
D60546 (102300)			48
D60547 (102301)			166
D60548 (102302)			195
D60549 (102303)			134
D60550 (102304)			146

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AGAT WORK ORDER: 19T452045

PROJECT: AGAT00593

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 29, 2019      DATE RECEIVED: Mar 30, 2019      DATE REPORTED: Apr 17, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D60551 (102305)				184
D60552 (102306)				<5
D60553 (102307)				179
D60554 (102308)				199
D60555 (102309)				159
D60556 (102310)				192
D60557 (102311)				188
D60558 (102312)				167

Comments: RDL - Reported Detection Limit  
 102241-102312 As, Sb values may be low due to digestion losses.

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AGAT WORK ORDER: 19T452045

PROJECT: AGAT00593

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 29, 2019      DATE RECEIVED: Mar 30, 2019      DATE REPORTED: Apr 17, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D60487 (102241)			0.009
D60488 (102242)			0.007
D60489 (102243)			0.009
D60490 (102244)			0.009
D60491 (102245)			0.004
D60492 (102246)			0.002
D60493 (102247)			0.005
D60494 (102248)			0.010
D60495 (102249)			0.009
D60496 (102250)			0.002
D60497 (102251)			0.002
D60498 (102252)			0.002
D60499 (102253)			0.002
D60500 (102254)			0.004
D60501 (102255)			0.004
D60502 (102256)			0.002
D60503 (102257)			0.007
D60504 (102258)			0.004
D60505 (102259)			0.003
D60506 (102260)			0.515
D60507 (102261)			0.003
D60508 (102262)			0.002
D60509 (102263)			0.001
D60510 (102264)			0.002
D60511 (102265)			0.002
D60512 (102266)			<0.001
D60513 (102267)			0.004
D60514 (102268)			0.003
D60515 (102269)			0.003
D60516 (102270)			<0.001
D60517 (102271)			0.040
D60518 (102272)			0.046

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## Certificate of Analysis

AGAT WORK ORDER: 19T452045

PROJECT: AGAT00593

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 29, 2019      DATE RECEIVED: Mar 30, 2019      DATE REPORTED: Apr 17, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D60519 (102273)		0.022	
D60520 (102274)		0.025	
D60521 (102275)		0.007	
D60522 (102276)		0.006	
D60523 (102277)		0.002	
D60524 (102278)		0.004	
D60525 (102279)		0.002	
D60526 (102280)		0.342	
D60527 (102281)		0.001	
D60528 (102282)		0.001	
D60529 (102283)		0.001	
D60530 (102284)		0.001	
D60531 (102285)		0.003	
D60532 (102286)		0.001	
D60533 (102287)		0.004	
D60534 (102288)		<0.001	
D60535 (102289)		<0.001	
D60536 (102290)		<0.001	
D60537 (102291)		0.012	
D60538 (102292)		<0.001	
D60539 (102293)		0.001	
D60540 (102294)		0.001	
D60541 (102295)		0.003	
D60542 (102296)		0.003	
D60543 (102297)		0.002	
D60544 (102298)		0.016	
D60545 (102299)		0.002	
D60546 (102300)		1.20	
D60547 (102301)		0.005	
D60548 (102302)		0.011	
D60549 (102303)		0.003	
D60550 (102304)		0.005	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T452045

PROJECT: AGAT00593

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 29, 2019	DATE RECEIVED: Mar 30, 2019	DATE REPORTED: Apr 17, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D60551 (102305)			0.002
D60552 (102306)			0.002
D60553 (102307)			0.002
D60554 (102308)			0.003
D60555 (102309)			0.005
D60556 (102310)			0.002
D60557 (102311)			0.003
D60558 (102312)			0.002

Comments: RDL - Reported Detection Limit

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T452045

PROJECT: AGAT00593

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 29, 2019	DATE RECEIVED: Mar 30, 2019	DATE REPORTED: Apr 17, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D60487 (102241)		85
D60507 (102261)		80
D60527 (102281)		87
D60547 (102301)		87

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	102241	< 0.5	< 0.5	0.0%	102255	< 0.5	< 0.5	0.0%	102266	< 0.5	< 0.5	0.0%	102281	< 0.5	0.5	22.2%
Al	102241	8.30	8.50	2.4%	102255	9.73	9.61	1.2%	102266	0.40	0.43	7.2%	102281	8.10	7.90	2.5%
As	102241	< 1	< 1	0.0%	102255	< 1	< 1	0.0%	102266	< 1	< 1	0.0%	102281	< 1	< 1	0.0%
Ba	102241	265	271	2.2%	102255	228	227	0.4%	102266	73	79	7.9%	102281	379	369	2.7%
Be	102241	1.0	0.9	10.5%	102255	< 0.5	< 0.5	0.0%	102266	1.1	1.1	0.0%	102281	1.3	1.4	7.4%
Bi	102241	< 1	< 1	0.0%	102255	< 1	< 1	0.0%	102266	< 1	< 1	0.0%	102281	< 1	< 1	0.0%
Ca	102241	4.14	4.24	2.4%	102255	5.87	5.88	0.2%	102266	29.6	29.8	0.7%	102281	2.56	2.50	2.4%
Cd	102241	< 0.5	< 0.5	0.0%	102255	< 0.5	< 0.5	0.0%	102266	< 0.5	< 0.5	0.0%	102281	1.4	1.6	13.3%
Ce	102241	55	51	7.5%	102255	2	2	0.0%	102266	< 1	< 1	0.0%	102281	37	39	5.3%
Co	102241	8.69	8.33	4.2%	102255	46.2	45.3	2.0%	102266	< 0.5	0.7		102281	5.01	5.95	17.2%
Cr	102241	154	133	14.6%	102255	147	144	2.1%	102266	3.95	3.24	19.7%	102281	67.2	83.4	21.5%
Cu	102241	20.3	19.7	3.0%	102255	73.8	73.4	0.5%	102266	< 0.5	< 0.5	0.0%	102281	9.4	9.4	0.0%
Fe	102241	4.49	4.55	1.3%	102255	6.90	6.86	0.6%	102266	0.093	0.098	5.2%	102281	2.65	2.60	1.9%
Ga	102241	17	16	6.1%	102255	22	22	0.0%	102266	< 5	< 5	0.0%	102281	15	18	18.2%
In	102241	< 1	< 1	0.0%	102255	< 1	< 1	0.0%	102266	< 1	< 1	0.0%	102281	< 1	< 1	0.0%
K	102241	0.85	0.87	2.3%	102255	0.877	0.870	0.8%	102266	0.074	0.077	4.0%	102281	2.09	2.03	2.9%
La	102241	22	21	4.7%	102255	4	4	0.0%	102266	2	2	0.0%	102281	15	18	18.2%
Li	102241	34	35	2.9%	102255	40	39	2.5%	102266	< 1	< 1	0.0%	102281	49	48	2.1%
Mg	102241	1.07	1.12	4.6%	102255	2.31	2.28	1.3%	102266	3.31	3.20	3.4%	102281	0.56	0.55	1.8%
Mn	102241	1460	1490	2.0%	102255	1520	1520	0.0%	102266	103	104	1.0%	102281	1190	1190	0.0%
Mo	102241	6.7	6.3	6.2%	102255	6.3	6.5	3.1%	102266	< 0.5	< 0.5	0.0%	102281	8.6	9.9	14.1%
Na	102241	2.17	2.24	3.2%	102255	1.91	1.88	1.6%	102266	0.26	0.28	7.4%	102281	2.53	2.49	1.6%
Ni	102241	13.6	16.3	18.1%	102255	87.1	85.9	1.4%	102266	0.5	0.5	0.0%	102281	6.68	8.05	18.6%
P	102241	708	653	8.1%	102255	287	281	2.1%	102266	87	101	14.9%	102281	207	249	18.4%
Pb	102241	< 20	< 20	0.0%	102255	< 20	< 20	0.0%	102266	< 20	< 20	0.0%	102281	< 20	< 20	0.0%
Rb	102241	< 50	< 50	0.0%	102255	< 50	< 50	0.0%	102266	< 50	< 50	0.0%	102281	< 50	< 50	0.0%
S	102241	0.81	0.79	2.5%	102255	0.27	0.27	0.0%	102266	0.095	0.102	7.1%	102281	0.13	0.13	0.0%
Sb	102241	< 1	< 1	0.0%	102255	4	3	28.6%	102266	< 1	< 1	0.0%	102281	< 1	< 1	0.0%
Sc	102241	16	16	0.0%	102255	41	40	2.5%	102266	< 1	< 1	0.0%	102281	8	9	11.8%
Se	102241	< 10	< 10	0.0%	102255	< 10	< 10	0.0%	102266	< 10	< 10	0.0%	102281	< 10	< 10	0.0%
Sn	102241	< 5	< 5	0.0%	102255	< 5	< 5	0.0%	102266	< 5	< 5	0.0%	102281	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

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Sr	102241	188	193	2.6%	102255	178	175	1.7%	102266	65	66	1.5%	102281	186	181	2.7%
Ta	102241	< 10	< 10	0.0%	102255	< 10	< 10	0.0%	102266	< 10	< 10	0.0%	102281	< 10	< 10	0.0%
Te	102241	< 10	< 10	0.0%	102255	< 10	< 10	0.0%	102266	< 10	< 10	0.0%	102281	< 10	< 10	0.0%
Th	102241	< 5	< 5	0.0%	102255	< 5	< 5	0.0%	102266	< 5	< 5	0.0%	102281	< 5	8	
Ti	102241	0.310	0.318	2.5%	102255	0.686	0.677	1.3%	102266	< 0.01	< 0.01	0.0%	102281	0.22	0.22	0.0%
Tl	102241	< 5	< 5	0.0%	102255	< 5	< 5	0.0%	102266	< 5	< 5	0.0%	102281	< 5	< 5	0.0%
U	102241	< 50	< 50	0.0%	102255	< 50	< 50	0.0%	102266	< 50	< 50	0.0%	102281	< 50	< 50	0.0%
V	102241	16.4	16.2	1.2%	102255	280	275	1.8%	102266	1.25	1.14	9.2%	102281	19.7	24.4	21.3%
W	102241	1	2		102255	5	5	0.0%	102266	< 1	< 1	0.0%	102281	3	3	0.0%
Y	102241	35	32	9.0%	102255	21	21	0.0%	102266	4	4	0.0%	102281	20	22	9.5%
Zn	102241	125	127	1.6%	102255	130	130	0.0%	102266	3.3	3.4	3.0%	102281	298	291	2.4%
Zr	102241	221	206	7.0%	102255	13	12	8.0%	102266	5	< 5		102281	157	174	10.3%

Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	102291	< 0.5	< 0.5	0.0%	102305	1.06	0.84	23.2%								
Al	102291	8.37	8.62	2.9%	102305	7.36	7.48	1.6%								
As	102291	< 1	< 1	0.0%	102305	< 1	< 1	0.0%								
Ba	102291	678	679	0.1%	102305	169	171	1.2%								
Be	102291	1.2	1.2	0.0%	102305	1.39	1.11	22.4%								
Bi	102291	< 1	< 1	0.0%	102305	< 1	1									
Ca	102291	2.33	2.44	4.6%	102305	2.62	2.68	2.3%								
Cd	102291	1.8	1.8	0.0%	102305	4.35	3.63	18.0%								
Ce	102291	54	53	1.9%	102305	54	44	20.4%								
Co	102291	4.3	4.4	2.3%	102305	6.3	5.6	11.8%								
Cr	102291	74.2	62.8	16.6%	102305	88.2	78.9	11.1%								
Cu	102291	2.7	3.3	20.0%	102305	25.7	26.0	1.2%								
Fe	102291	1.90	1.95	2.6%	102305	3.52	3.46	1.7%								
Ga	102291	19	19	0.0%	102305	15	12	22.2%								
In	102291	< 1	< 1	0.0%	102305	< 1	< 1	0.0%								
K	102291	3.33	3.39	1.8%	102305	1.23	1.23	0.0%								
La	102291	25	24	4.1%	102305	25	20	22.2%								
Li	102291	38	42	10.0%	102305	35	34	2.9%								
Mg	102291	0.40	0.41	2.5%	102305	0.46	0.46	0.0%								
Mn	102291	740	703	5.1%	102305	3060	3060	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

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Mo	102291	5.1	5.4	5.7%	102305	7.0	6.4	9.0%								
Na	102291	2.62	2.48	5.5%	102305	1.94	1.98	2.0%								
Ni	102291	5.0	5.8	14.8%	102305	4.66	3.95	16.5%								
P	102291	384	416	8.0%	102305	422	358	16.4%								
Pb	102291	< 20	< 20	0.0%	102305	< 20	< 20	0.0%								
Rb	102291	< 50	< 50	0.0%	102305	< 50	< 50	0.0%								
S	102291	0.056	0.050	11.3%	102305	0.42	0.42	0.0%								
Sb	102291	< 1	< 1	0.0%	102305	< 1	< 1	0.0%								
Sc	102291	5	4	22.2%	102305	10	8	22.2%								
Se	102291	< 10	< 10	0.0%	102305	< 10	< 10	0.0%								
Sn	102291	< 5	< 5	0.0%	102305	< 5	< 5	0.0%								
Sr	102291	190	194	2.1%	102305	96	98	2.1%								
Ta	102291	< 10	< 10	0.0%	102305	< 10	< 10	0.0%								
Te	102291	< 10	< 10	0.0%	102305	< 10	< 10	0.0%								
Th	102291	12	11	8.7%	102305	6	< 5									
Ti	102291	0.219	0.238	8.3%	102305	0.23	0.23	0.0%								
Tl	102291	< 5	< 5	0.0%	102305	< 5	< 5	0.0%								
U	102291	< 50	< 50	0.0%	102305	< 50	< 50	0.0%								
V	102291	20.4	21.4	4.8%	102305	18.9	16.1	16.0%								
W	102291	3	3	0.0%	102305	6	6	0.0%								
Y	102291	11	11	0.0%	102305	25	21	17.4%								
Zn	102291	221	229	3.6%	102305	569	550	3.4%								
Zr	102291	122	114	6.8%	102305	184	164	11.5%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	102241	0.009	0.004		102255	0.0035	0.0027	25.8%	102266	< 0.001	< 0.001	0.0%	102281	0.001	< 0.001	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	102291	0.012	< 0.001		102305	0.002	0.005									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.GTS-2a)				CRM #3 (ref.Till-2)				CRM #4 (ref.GTS-2a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	11.1	101%	90% - 110%					8.17	8.38	103%	90% - 110%	6.96	7.06	101%	90% - 110%
As									26	24	92%	90% - 110%	124	121	98%	90% - 110%
Ba	340	331	97%	90% - 110%					540	512	95%	90% - 110%	186	174	94%	90% - 110%
Be	2.6	2.5	96%	90% - 110%												
Ca	5.72	5.7	100%	90% - 110%					0.907	0.903	100%	90% - 110%	4.01	3.95	99%	90% - 110%
Ce	122	120	99%	90% - 110%					98	98	100%	90% - 110%	24	22	90%	90% - 110%
Co	2.8	3.0	107%	90% - 110%	22.1	20	90%	90% - 110%								
Cr									60.3	61.6	102%	90% - 110%				
Cu									150	153	102%	90% - 110%	88.6	86.5	98%	90% - 110%
Fe	4.34	4.1	95%	90% - 110%					3.77	3.65	97%	90% - 110%	7.56	7.21	95%	90% - 110%
Ga	35	33	93%	90% - 110%												
K	1.37	1.43	105%	90% - 110%									2.021	2.054	102%	90% - 110%
La	58	56	97%	90% - 110%					44	42	95%	90% - 110%				
Li	37	39	106%	90% - 110%					47	49	103%	90% - 110%				
Mg	0.325	0.31	95%	90% - 110%					1.10	1.1	100%	90% - 110%	2.412	2.481	103%	90% - 110%
Mn									780	740	95%	90% - 110%	1510	1443	96%	90% - 110%
Mo									14	13	95%	90% - 110%				
Na	5.267	5.454	104%	90% - 110%					1.624	1.752	108%	90% - 110%	0.617	0.655	106%	90% - 110%
Ni									32	33	102%	90% - 110%	77.1	72.5	94%	90% - 110%
P									750	700	93%	90% - 110%	892	816	92%	90% - 110%
S													0.348	0.319	92%	90% - 110%
Sb									0.8	0.8	96%	90% - 110%				
Sc	1.1	1	89%	90% - 110%					12	12	101%	90% - 110%				
Sr	1191	1184	99%	90% - 110%					144	153	106%	90% - 110%	92.8	91.3	98%	90% - 110%
Th									18.4	17.3	94%	90% - 110%				
Ti	0.172	0.173	100%	90% - 110%					0.53	0.5	94%	90% - 110%				
V									77	73	95%	90% - 110%				
W									5	5	97%	90% - 110%				
Y	119	124	104%	90% - 110%												
Zn	93	96	103%	90% - 110%					130	121	93%	90% - 110%	208	203	98%	90% - 110%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Parameter	CRM #5 (ref.SY-4)				CRM #6 (ref.SY-4)											
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Al					10.95	11.1	101%	90% - 110%								
Ba					340	331	97%	90% - 110%								
Be					2.6	2.4	93%	90% - 110%								
Ca					5.72	5.68	99%	90% - 110%								
Ce					122	116	95%	90% - 110%								
Co	2.8	3.1	110%	90% - 110%												
Fe					4.34	4.09	94%	90% - 110%								
Ga					35	32	91%	90% - 110%								
K					1.37	1.45	106%	90% - 110%								
La					58	53	91%	90% - 110%								
Li					37	40	109%	90% - 110%								
Mg					0.325	0.311	96%	90% - 110%								
Na					5.267	5.35	102%	90% - 110%								
Sc					1.1	1	88%	90% - 110%								
Sr					1191	1164	98%	90% - 110%								
Ti					0.172	0.177	103%	90% - 110%								
Y					119	119	100%	90% - 110%								
Zn					93	92	99%	90% - 110%								
<b>(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)</b>																
Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS5W)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.65	97%	90% - 110%	0.725	0.724	100%	90% - 110%	5.27	5.14	98%	90% - 110%	0.562	0.553	98%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00593  
 SAMPLING SITE:

AGAT WORK ORDER: 19T452045  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00594

AGAT WORK ORDER: 19T452047

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Apr 16, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.





## Certificate of Analysis

AGAT WORK ORDER: 19T452047

PROJECT: AGAT00594

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 29, 2019      DATE RECEIVED: Mar 30, 2019      DATE REPORTED: Apr 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D60559 (102317)		1.70
D60560 (102318)		0.63
D60561 (102319)		0.90
D60562 (102320)		0.81
D60563 (102321)		0.87
D60564 (102322)		0.73
D60565 (102323)		0.60
D60566 (102324)		0.07
D60567 (102325)		0.73
D60568 (102326)		1.29
D60569 (102327)		0.68
D60570 (102328)		0.85
D60571 (102329)		1.16
D60572 (102330)		0.83
D60573 (102331)		1.54
D60574 (102332)		0.98
D60575 (102333)		1.06
D60576 (102334)		1.04
D60577 (102335)		1.04
D60578 (102336)		1.04
D60579 (102337)		1.31
D60580 (102338)		0.92
D60581 (102339)		0.75
D60582 (102340)		0.81
D60583 (102341)		0.64
D60584 (102342)		1.57
D60585 (102343)		1.26
D60586 (102344)		0.07
D60587 (102345)		1.40
D60588 (102346)		1.05
D60589 (102347)		0.69

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T452047

PROJECT: AGAT00594

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 29, 2019      DATE RECEIVED: Mar 30, 2019      DATE REPORTED: Apr 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D60590 (102348)		0.64
D60591 (102349)		0.91
D60592 (102350)		0.95
D60593 (102351)		0.65
D60594 (102352)		1.75
D60595 (102353)		1.65
D60596 (102354)		1.45
D60597 (102355)		0.83
D60598 (102356)		0.83
D60599 (102357)		2.18
D60600 (102358)		1.26
D60601 (102359)		1.38
D60602 (102360)		0.90
D60603 (102361)		1.69
D60604 (102362)		0.87
D60605 (102363)		0.96
D60606 (102364)		0.07
D60607 (102365)		2.27
D60608 (102366)		2.54
D60609 (102367)		1.32
D60610 (102368)		0.65
D60611 (102369)		1.23
D60612 (102370)		1.06
D60613 (102371)		3.18
D60614 (102372)		2.16
D60615 (102373)		1.45
D60616 (102374)		0.80
D60617 (102375)		2.04
D60618 (102376)		2.04
D60619 (102377)		2.12
D60620 (102378)		2.28

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T452047

PROJECT: AGAT00594

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Mar 29, 2019      DATE RECEIVED: Mar 30, 2019      DATE REPORTED: Apr 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D60621 (102379)		2.42
D60622 (102380)		1.71
D60623 (102381)		1.60
D60624 (102382)		2.51
D60625 (102383)		2.12
D60626 (102384)		0.07
D60627 (102385)		1.30
D60628 (102386)		0.70
D60629 (102387)		2.28
D60630 (102388)		2.64

Comments: RDL - Reported Detection Limit

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T452047

PROJECT: AGAT00594

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 29, 2019	DATE RECEIVED: Mar 30, 2019					DATE REPORTED: Apr 16, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D60559 (102317)	<0.5	6.52	<1	185	1.1	<1	1.99	5.5	41	4.6	13.4	2.7	3.78	13	
D60560 (102318)	<0.5	6.19	<1	399	1.0	<1	2.24	6.3	64	6.4	13.6	0.9	3.87	17	
D60561 (102319)	1.0	5.69	<1	259	0.5	1	0.93	6.3	27	9.5	15.9	42.5	4.94	15	
D60562 (102320)	0.7	5.89	<1	290	0.5	2	0.59	8.8	30	5.5	9.4	14.1	5.75	13	
D60563 (102321)	<0.5	5.75	<1	829	0.6	<1	0.98	3.0	11	1.1	16.9	9.1	1.59	11	
D60564 (102322)	0.8	6.93	<1	340	0.9	3	2.02	6.3	46	5.4	8.0	28.7	4.94	14	
D60565 (102323)	0.8	6.24	<1	362	0.6	2	1.71	6.7	34	4.6	6.5	19.9	4.92	9	
D60566 (102324)	<0.5	7.10	<1	83	<0.5	<1	7.04	0.6	3	44.3	190	161	6.97	21	
D60567 (102325)	1.4	7.57	<1	47	1.0	3	2.59	10.3	68	7.3	7.9	56.2	7.63	12	
D60568 (102326)	1.1	5.51	<1	60	<0.5	4	1.06	10.8	85	12.4	9.7	30.9	7.90	6	
D60569 (102327)	1.0	5.02	<1	309	<0.5	4	0.54	7.8	52	6.1	7.4	14.9	5.38	<5	
D60570 (102328)	1.1	4.67	<1	415	<0.5	2	0.51	7.6	47	11.9	7.5	35.2	5.11	6	
D60571 (102329)	1.1	5.08	<1	454	<0.5	2	0.58	8.4	50	7.8	8.8	41.9	5.68	6	
D60572 (102330)	<0.5	0.07	3	17	<0.5	<1	32.0	<0.5	<1	0.9	<0.5	<0.5	0.10	<5	
D60573 (102331)	0.8	6.99	<1	274	0.9	<1	2.60	5.6	50	6.3	12.6	32.4	4.45	15	
D60574 (102332)	1.0	8.37	<1	474	0.8	1	2.78	5.8	59	8.9	12.1	31.9	5.58	19	
D60575 (102333)	0.9	7.96	<1	180	0.6	<1	3.03	9.0	46	9.8	8.7	30.5	5.31	15	
D60576 (102334)	0.8	8.25	<1	223	0.8	<1	3.13	8.7	64	5.7	9.4	11.9	4.51	15	
D60577 (102335)	0.8	6.00	<1	408	<0.5	3	1.37	8.9	47	6.7	8.6	21.7	4.57	12	
D60578 (102336)	0.8	6.14	<1	408	<0.5	<1	1.41	8.8	54	6.1	6.6	19.7	4.66	12	
D60579 (102337)	1.1	6.84	<1	341	0.8	<1	2.22	9.9	56	6.9	9.2	30.1	3.77	11	
D60580 (102338)	1.3	6.33	<1	288	0.7	<1	2.01	10.2	56	8.4	13.5	38.7	3.64	11	
D60581 (102339)	1.2	5.83	<1	114	0.6	<1	2.26	8.3	39	7.0	14.4	41.5	3.93	13	
D60582 (102340)	0.8	6.83	<1	242	<0.5	<1	2.28	10.6	44	5.3	13.3	9.5	4.63	14	
D60583 (102341)	1.4	6.82	<1	608	<0.5	<1	1.90	7.0	53	10.8	12.0	42.4	4.93	16	
D60584 (102342)	0.6	7.32	<1	339	0.5	<1	2.46	7.1	46	5.6	12.2	5.4	4.37	15	
D60585 (102343)	0.8	7.65	<1	282	0.5	<1	2.60	7.0	51	4.8	10.8	13.7	4.84	16	
D60586 (102344)	<0.5	7.13	<1	84	<0.5	<1	7.41	0.5	3	42.5	184	157	7.34	20	
D60587 (102345)	0.7	7.59	<1	193	0.6	1	2.72	6.1	52	4.7	10.5	17.5	4.08	15	
D60588 (102346)	2.3	5.33	<1	231	0.6	<1	1.59	7.4	47	13.0	13.6	106	6.09	10	
D60589 (102347)	1.3	6.20	<1	340	<0.5	1	1.65	9.0	52	8.2	8.1	45.3	5.02	7	
D60590 (102348)	0.9	6.77	<1	371	0.5	1	1.86	7.2	54	7.2	5.9	18.3	3.85	8	

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T452047

PROJECT: AGAT00594

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 29, 2019	DATE RECEIVED: Mar 30, 2019							DATE REPORTED: Apr 16, 2019				SAMPLE TYPE: Drill Core			
Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5	
D60591 (102349)	1.7	6.93	<1	167	0.6	2	2.19	7.1	55	10.7	10.8	62.9	5.27	11	
D60592 (102350)	<0.5	0.08	<1	15	<0.5	<1	31.8	<0.5	<1	1.2	<0.5	7.3	0.12	<5	
D60593 (102351)	1.0	6.87	<1	84	<0.5	<1	2.37	6.4	54	6.8	5.5	36.5	4.62	10	
D60594 (102352)	1.3	6.77	<1	396	0.5	<1	1.77	4.5	55	10.5	11.4	59.4	3.39	14	
D60595 (102353)	0.5	6.77	3	448	0.8	<1	1.78	1.2	20	2.1	12.2	0.6	1.19	14	
D60596 (102354)	0.8	7.38	<1	157	1.0	<1	2.83	1.7	50	7.7	14.1	21.3	3.54	16	
D60597 (102355)	0.8	7.37	<1	193	0.7	<1	2.92	1.3	40	9.0	13.3	32.3	3.74	14	
D60598 (102356)	0.8	7.57	<1	196	0.8	<1	2.99	1.1	42	9.2	9.8	30.5	3.72	15	
D60599 (102357)	1.1	7.16	<1	255	0.9	<1	3.15	<0.5	48	12.9	17.2	79.4	3.09	15	
D60600 (102358)	1.1	7.63	<1	210	1.1	1	2.97	<0.5	46	6.5	12.4	86.3	3.15	16	
D60601 (102359)	<0.5	8.25	1	164	2.3	<1	3.30	0.5	44	4.4	13.5	21.3	2.83	19	
D60602 (102360)	0.9	7.88	<1	239	2.0	<1	2.91	0.7	47	9.4	8.7	84.2	5.02	17	
D60603 (102361)	0.6	7.75	<1	257	1.6	2	3.12	0.6	44	13.1	44.0	15.2	4.99	16	
D60604 (102362)	<0.5	7.39	<1	176	1.1	<1	5.94	1.0	24	34.3	299	<0.5	7.36	21	
D60605 (102363)	<0.5	6.70	2	236	1.2	<1	3.31	1.0	86	11.3	32.6	24.2	3.18	15	
D60606 (102364)	<0.5	7.26	<1	145	<0.5	<1	6.96	0.5	4	44.4	185	159	8.03	23	
D60607 (102365)	<0.5	7.02	<1	427	1.5	<1	2.96	1.5	42	4.1	12.5	7.2	2.99	14	
D60608 (102366)	<0.5	7.70	<1	285	1.1	1	3.13	2.5	43	6.3	9.1	6.9	3.80	14	
D60609 (102367)	0.7	8.34	<1	296	1.4	<1	3.29	1.8	56	10.8	3.8	73.3	3.98	17	
D60610 (102368)	<0.5	5.02	<1	150	1.4	<1	2.03	1.4	29	7.7	21.5	89.3	2.39	11	
D60611 (102369)	0.7	7.99	<1	254	1.7	<1	3.31	1.7	50	11.4	13.0	105	3.38	17	
D60612 (102370)	<0.5	0.08	2	14	<0.5	<1	31.4	<0.5	<1	0.6	<0.5	<0.5	0.10	<5	
D60613 (102371)	<0.5	7.88	<1	312	1.5	<1	3.87	1.4	53	12.4	41.9	50.2	4.08	16	
D60614 (102372)	0.5	7.51	<1	283	0.8	<1	3.38	1.7	50	9.9	14.8	43.8	4.56	14	
D60615 (102373)	0.7	8.32	<1	308	0.8	<1	3.57	2.0	53	11.9	12.5	54.7	4.98	17	
D60616 (102374)	<0.5	8.23	<1	78	2.0	6	8.49	1.9	33	35.6	362	<0.5	7.06	20	
D60617 (102375)	<0.5	7.66	<1	343	1.0	<1	3.41	1.6	45	9.1	39.0	43.9	3.53	15	
D60618 (102376)	0.5	7.87	<1	347	1.0	<1	3.53	1.4	45	8.9	44.1	44.0	3.54	16	
D60619 (102377)	0.5	8.00	<1	251	0.7	<1	3.59	6.3	54	11.1	10.1	21.2	3.80	15	
D60620 (102378)	<0.5	7.69	<1	274	0.6	1	3.58	1.9	51	8.1	13.5	14.3	4.12	15	
D60621 (102379)	<0.5	7.95	<1	279	0.8	<1	3.68	1.1	55	9.1	12.9	2.4	2.75	18	
D60622 (102380)	<0.5	8.49	<1	421	1.0	<1	3.36	6.2	59	9.5	12.3	9.7	3.83	18	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T452047

PROJECT: AGAT00594

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 29, 2019	DATE RECEIVED: Mar 30, 2019							DATE REPORTED: Apr 16, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D60623 (102381)	<0.5	7.96	<1	357	1.0	<1	3.12	16.5	52	7.4	10.6	22.4	3.78	17	
D60624 (102382)	0.6	8.13	<1	333	0.9	<1	3.05	5.2	51	6.8	12.3	40.6	4.57	16	
D60625 (102383)	<0.5	7.71	<1	340	0.7	<1	3.11	8.6	49	9.4	15.5	39.9	4.10	17	
D60626 (102384)	<0.5	7.36	<1	184	<0.5	<1	6.41	0.6	14	42.4	193	109	7.57	22	
D60627 (102385)	<0.5	7.64	<1	340	0.9	<1	2.89	1.1	55	6.4	13.0	16.1	3.41	18	
D60628 (102386)	<0.5	8.13	<1	244	1.6	<1	3.09	0.9	51	3.7	10.0	13.0	2.02	17	
D60629 (102387)	<0.5	7.79	<1	374	1.1	1	2.81	0.6	47	5.7	10.8	13.1	3.62	19	
D60630 (102388)	<0.5	7.46	<1	442	0.9	<1	2.57	0.6	48	6.3	13.2	28.3	4.27	18	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T452047

PROJECT: AGAT00594

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CLIENT NAME: GOLDCORP BORDEN LIMITED

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 29, 2019	DATE RECEIVED: Mar 30, 2019					DATE REPORTED: Apr 16, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D60559 (102317)	<1	1.31	20	34	0.58	4110	7.1	1.87	6.1	448	<20	<50	0.09	<1	
D60560 (102318)	<1	2.04	30	19	0.71	4750	1.0	1.20	7.7	508	<20	<50	0.06	<1	
D60561 (102319)	<1	1.40	12	23	0.33	5990	3.5	0.73	5.8	113	<20	<50	0.56	<1	
D60562 (102320)	<1	3.13	14	42	0.48	8450	1.5	0.63	5.9	218	<20	<50	0.21	<1	
D60563 (102321)	<1	3.71	5	10	0.11	2130	0.7	1.01	1.4	74	29	<50	0.10	<1	
D60564 (102322)	<1	1.82	21	31	0.48	6410	4.4	1.43	4.2	412	<20	<50	0.37	<1	
D60565 (102323)	<1	1.83	17	20	0.39	8370	2.2	1.15	4.1	490	<20	<50	0.28	<1	
D60566 (102324)	<1	0.25	5	14	4.52	1290	1.4	1.63	110	352	<20	<50	0.22	<1	
D60567 (102325)	<1	0.42	31	21	0.58	13800	8.6	1.61	8.6	216	<20	<50	0.58	<1	
D60568 (102326)	<1	0.34	38	19	0.52	17500	29.1	0.44	7.5	217	<20	<50	0.47	<1	
D60569 (102327)	<1	1.53	23	11	0.35	13400	41.5	0.17	10.6	480	<20	<50	0.19	<1	
D60570 (102328)	<1	2.06	22	9	0.31	11600	12.3	0.22	15.3	458	<20	<50	0.43	<1	
D60571 (102329)	<1	2.14	23	11	0.34	12000	2.1	0.32	8.1	432	<20	<50	0.50	<1	
D60572 (102330)	<1	0.03	2	1	2.99	120	<0.5	0.03	<0.5	92	<20	<50	0.05	<1	
D60573 (102331)	<1	1.42	23	50	0.55	2910	1.9	1.52	4.5	435	<20	<50	0.42	1	
D60574 (102332)	<1	2.08	27	60	0.75	4800	3.6	1.67	7.4	513	<20	<50	0.46	2	
D60575 (102333)	<1	1.10	23	59	0.82	5850	2.0	1.64	7.2	465	<20	<50	0.47	1	
D60576 (102334)	<1	1.16	30	60	0.74	5480	2.1	1.84	5.9	493	<20	<50	0.23	<1	
D60577 (102335)	<1	2.28	23	39	0.58	5980	1.8	0.82	6.8	496	<20	<50	0.35	<1	
D60578 (102336)	<1	2.29	25	39	0.59	6130	1.7	0.85	5.7	511	<20	<50	0.37	<1	
D60579 (102337)	<1	1.82	27	34	0.43	5450	1.8	1.44	4.9	466	<20	<50	0.50	<1	
D60580 (102338)	<1	1.53	25	27	0.33	4610	2.6	1.35	6.9	449	<20	<50	0.65	<1	
D60581 (102339)	<1	0.84	19	46	0.50	3180	1.3	1.46	6.5	432	<20	<50	0.73	<1	
D60582 (102340)	<1	1.30	21	63	0.78	4810	1.2	1.43	4.4	482	<20	<50	0.24	<1	
D60583 (102341)	<1	2.35	25	62	0.72	2960	1.8	1.28	7.4	479	<20	<50	0.78	1	
D60584 (102342)	<1	1.55	21	76	0.75	3160	1.9	1.62	4.7	481	<20	<50	0.17	1	
D60585 (102343)	<1	1.32	24	70	0.77	3700	1.3	1.79	3.9	464	<20	<50	0.28	3	
D60586 (102344)	<1	0.25	4	14	4.55	1320	1.6	1.70	106	343	<20	<50	0.22	2	
D60587 (102345)	<1	1.12	25	63	0.70	4300	1.0	1.98	4.3	463	<20	<50	0.30	<1	
D60588 (102346)	<1	0.89	22	26	0.36	7190	2.6	1.31	8.7	438	<20	<50	1.26	<1	
D60589 (102347)	<1	1.23	25	17	0.48	12000	1.9	1.26	5.4	469	<20	<50	0.59	<1	
D60590 (102348)	<1	1.50	25	20	0.47	11000	1.4	1.57	5.9	411	<20	<50	0.27	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T452047

PROJECT: AGAT00594

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 29, 2019	DATE RECEIVED: Mar 30, 2019					DATE REPORTED: Apr 16, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D60591 (102349)	<1	0.87	26	36	0.61	10200	1.9	1.94	6.6	449	<20	<50	0.81	<1	
D60592 (102350)	<1	0.02	2	1	3.64	143	<0.5	0.04	0.6	84	<20	<50	0.09	<1	
D60593 (102351)	<1	0.71	26	42	0.71	9190	2.0	1.81	5.9	526	<20	<50	0.43	<1	
D60594 (102352)	<1	2.32	26	26	0.40	4790	3.6	1.75	9.5	497	<20	<50	0.58	<1	
D60595 (102353)	<1	3.22	9	20	0.18	1690	1.0	2.13	2.6	92	24	<50	0.02	<1	
D60596 (102354)	<1	1.26	23	39	0.75	4470	2.2	2.15	8.0	432	<20	<50	0.17	2	
D60597 (102355)	<1	1.13	19	48	0.79	4420	7.9	1.94	12.4	503	<20	<50	0.23	1	
D60598 (102356)	<1	1.12	20	47	0.79	4190	3.5	2.02	12.0	499	<20	<50	0.22	<1	
D60599 (102357)	<1	0.78	23	41	0.60	4190	3.4	1.69	11.8	483	<20	<50	0.48	2	
D60600 (102358)	<1	0.84	21	42	0.42	4180	6.8	2.31	6.1	487	<20	<50	0.40	<1	
D60601 (102359)	<1	0.72	21	42	0.33	3780	27.1	2.55	3.2	402	<20	<50	0.10	<1	
D60602 (102360)	<1	1.03	23	47	0.61	6030	2.5	2.08	8.1	483	<20	<50	0.28	<1	
D60603 (102361)	<1	1.10	21	52	0.87	6510	1.9	1.87	26.5	480	<20	<50	0.06	<1	
D60604 (102362)	<1	1.50	13	45	3.14	3460	8.1	1.62	162	852	<20	<50	0.02	1	
D60605 (102363)	<1	1.44	41	23	1.08	2310	2.1	3.31	26.2	280	<20	<50	0.70	<1	
D60606 (102364)	<1	0.21	5	13	4.54	1440	1.4	2.43	95.1	424	<20	<50	0.17	2	
D60607 (102365)	<1	0.84	19	34	0.45	5240	3.6	2.03	3.6	430	<20	<50	0.03	3	
D60608 (102366)	<1	0.83	20	44	0.51	6960	1.9	2.04	4.2	535	<20	<50	0.03	2	
D60609 (102367)	<1	0.91	26	36	0.46	5750	1.6	2.47	7.7	482	<20	<50	0.15	1	
D60610 (102368)	<1	0.54	14	22	0.24	2770	6.4	1.62	5.1	279	<20	<50	0.17	<1	
D60611 (102369)	<1	0.76	23	26	0.38	4940	3.7	2.49	7.9	495	<20	<50	0.19	<1	
D60612 (102370)	<1	0.01	2	1	2.75	128	<0.5	0.06	<0.5	72	<20	<50	0.08	<1	
D60613 (102371)	<1	0.93	25	35	0.72	5980	5.6	1.65	21.8	524	<20	<50	0.12	<1	
D60614 (102372)	<1	0.84	22	36	0.62	6340	2.6	1.67	9.0	462	<20	<50	0.13	<1	
D60615 (102373)	<1	0.92	25	38	0.62	6750	2.5	2.00	13.6	484	<20	<50	0.17	<1	
D60616 (102374)	<1	0.74	16	28	2.93	4700	2.8	0.78	185	1010	<20	<50	0.03	2	
D60617 (102375)	<1	0.93	21	40	0.60	4240	2.3	2.00	17.7	539	<20	<50	0.14	<1	
D60618 (102376)	<1	0.94	20	40	0.62	4200	2.7	2.04	19.0	483	<20	<50	0.15	<1	
D60619 (102377)	<1	0.61	25	30	0.40	6480	3.0	2.06	8.0	525	<20	<50	0.10	<1	
D60620 (102378)	<1	0.62	23	32	0.42	5690	1.9	1.78	5.2	475	<20	<50	0.07	<1	
D60621 (102379)	<1	0.67	25	33	0.35	3130	1.4	2.08	5.3	563	<20	<50	0.03	<1	
D60622 (102380)	<1	1.04	25	40	0.44	3050	232	2.49	6.8	481	<20	<50	0.10	<1	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T452047

PROJECT: AGAT00594

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 29, 2019	DATE RECEIVED: Mar 30, 2019					DATE REPORTED: Apr 16, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D60623 (102381)	<1	1.01	24	42	0.44	3360	17.0	2.39	5.0	524	<20	<50	0.19	<1	
D60624 (102382)	<1	1.09	23	43	0.50	4500	1.3	2.40	4.3	536	<20	<50	0.21	<1	
D60625 (102383)	<1	0.98	22	37	0.43	2720	2.5	2.41	7.3	510	<20	<50	0.23	<1	
D60626 (102384)	<1	0.45	10	11	4.42	1320	2.0	2.42	115	913	<20	<50	0.11	2	
D60627 (102385)	<1	0.96	24	37	0.35	2120	1.3	2.67	4.4	517	<20	<50	0.09	<1	
D60628 (102386)	<1	0.81	24	26	0.18	1140	0.8	3.08	2.6	445	<20	<50	0.08	<1	
D60629 (102387)	<1	0.99	21	40	0.31	1730	1.8	2.81	4.5	504	<20	<50	0.09	1	
D60630 (102388)	<1	1.10	22	38	0.33	2090	1.7	2.64	4.7	516	<20	<50	0.15	2	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 29, 2019	DATE RECEIVED: Mar 30, 2019					DATE REPORTED: Apr 16, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D60559 (102317)	9	<10	<5	102	<10	<10	6	0.16	<5	<50	16.7	<1	28	509	
D60560 (102318)	12	<10	<5	111	<10	<10	17	0.20	<5	<50	23.5	7	31	679	
D60561 (102319)	10	<10	<5	56	<10	<10	<5	0.16	<5	<50	12.2	<1	35	346	
D60562 (102320)	13	<10	<5	35	<10	<10	<5	0.16	<5	<50	16.4	<1	43	713	
D60563 (102321)	4	<10	<5	125	<10	<10	<5	0.05	<5	<50	4.2	<1	15	138	
D60564 (102322)	12	<10	<5	108	<10	<10	<5	0.23	<5	<50	18.8	<1	37	556	
D60565 (102323)	9	<10	<5	98	<10	<10	<5	0.21	<5	<50	15.3	<1	27	238	
D60566 (102324)	45	<10	<5	159	<10	<10	<5	0.56	<5	<50	283	<1	22	80.3	
D60567 (102325)	17	<10	<5	98	<10	<10	9	0.16	<5	<50	16.2	<1	53	250	
D60568 (102326)	16	<10	<5	29	<10	<10	10	0.13	<5	<50	11.3	<1	55	551	
D60569 (102327)	11	<10	<5	37	<10	<10	7	0.08	<5	<50	8.3	<1	40	451	
D60570 (102328)	11	<10	<5	49	<10	<10	7	0.05	<5	<50	7.4	<1	37	680	
D60571 (102329)	10	<10	<5	58	<10	<10	<5	0.09	<5	<50	9.3	<1	29	446	
D60572 (102330)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	4.3	
D60573 (102331)	10	<10	<5	92	<10	<10	<5	0.21	<5	<50	18.4	<1	31	466	
D60574 (102332)	11	<10	<5	106	<10	<10	<5	0.29	<5	<50	24.6	<1	34	349	
D60575 (102333)	13	<10	<5	107	<10	<10	<5	0.28	<5	<50	24.8	<1	36	520	
D60576 (102334)	11	<10	<5	117	<10	<10	<5	0.27	<5	<50	21.4	<1	33	353	
D60577 (102335)	12	<10	<5	74	<10	<10	<5	0.24	<5	<50	17.6	<1	35	675	
D60578 (102336)	12	<10	<5	76	<10	<10	<5	0.25	<5	<50	17.7	<1	36	763	
D60579 (102337)	10	<10	<5	103	<10	<10	5	0.14	<5	<50	14.4	<1	29	729	
D60580 (102338)	10	<10	<5	94	<10	<10	<5	0.11	<5	<50	12.9	<1	29	1610	
D60581 (102339)	9	<10	<5	85	<10	<10	<5	0.20	<5	<50	15.1	<1	23	465	
D60582 (102340)	13	<10	<5	90	<10	<10	<5	0.26	<5	<50	20.0	<1	40	266	
D60583 (102341)	12	<10	<5	97	<10	<10	<5	0.29	<5	<50	24.3	<1	32	504	
D60584 (102342)	12	<10	<5	102	<10	<10	<5	0.26	<5	<50	19.1	<1	35	351	
D60585 (102343)	12	<10	<5	106	<10	<10	<5	0.28	<5	<50	21.9	<1	33	512	
D60586 (102344)	43	<10	<5	167	<10	<10	<5	0.58	<5	<50	272	<1	21	80.8	
D60587 (102345)	13	<10	<5	121	<10	<10	<5	0.26	<5	<50	24.9	<1	35	437	
D60588 (102346)	11	<10	<5	87	<10	<10	<5	0.07	<5	<50	12.3	<1	30	839	
D60589 (102347)	13	<10	<5	96	<10	<10	<5	0.05	<5	<50	12.2	<1	33	862	
D60590 (102348)	12	<10	<5	117	<10	<10	5	0.06	<5	<50	14.1	<1	32	464	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T452047

PROJECT: AGAT00594

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 29, 2019

DATE RECEIVED: Mar 30, 2019

DATE REPORTED: Apr 16, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D60591 (102349)	12	<10	<5	117	<10	<10	<5	0.12	<5	<50	18.7	<1	33	442
D60592 (102350)	<1	<10	<5	66	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	4.7
D60593 (102351)	12	<10	<5	111	<10	<10	<5	0.16	<5	<50	25.2	<1	33	355
D60594 (102352)	10	<10	<5	121	<10	<10	6	0.13	<5	<50	22.1	<1	26	1120
D60595 (102353)	4	<10	<5	136	<10	<10	9	0.07	<5	<50	6.9	<1	12	95.7
D60596 (102354)	10	<10	<5	126	<10	<10	7	0.26	<5	<50	27.5	<1	26	229
D60597 (102355)	12	<10	<5	138	<10	<10	<5	0.29	<5	<50	32.4	<1	30	184
D60598 (102356)	11	<10	<5	143	<10	<10	<5	0.30	<5	<50	32.5	<1	28	187
D60599 (102357)	10	<10	<5	180	<10	<10	8	0.22	<5	<50	20.3	2	29	84.4
D60600 (102358)	10	<10	<5	175	<10	<10	5	0.24	<5	<50	19.0	<1	28	87.5
D60601 (102359)	8	<10	<5	188	<10	<10	6	0.18	<5	<50	14.3	<1	26	111
D60602 (102360)	11	<10	<5	157	<10	<10	<5	0.25	<5	<50	20.0	<1	31	273
D60603 (102361)	12	<10	<5	147	<10	<10	<5	0.25	<5	<50	27.4	<1	31	201
D60604 (102362)	25	<10	<5	90	<10	<10	<5	0.55	<5	<50	147	6	22	315
D60605 (102363)	9	<10	<5	167	<10	<10	20	0.14	<5	<50	21.8	<1	21	153
D60606 (102364)	48	<10	<5	111	<10	<10	<5	0.68	<5	<50	308	3	24	84.8
D60607 (102365)	10	<10	<5	184	<10	<10	5	0.22	<5	<50	16.7	<1	29	239
D60608 (102366)	15	<10	<5	173	<10	<10	<5	0.23	<5	<50	17.5	<1	50	275
D60609 (102367)	12	<10	<5	194	<10	<10	6	0.25	<5	<50	19.2	<1	33	296
D60610 (102368)	7	<10	<5	112	<10	<10	<5	0.12	<5	<50	10.5	<1	21	209
D60611 (102369)	11	<10	<5	202	<10	<10	7	0.23	<5	<50	17.9	<1	30	275
D60612 (102370)	<1	<10	<5	63	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	4.0
D60613 (102371)	12	<10	<5	186	<10	<10	6	0.27	<5	<50	28.6	4	34	281
D60614 (102372)	11	<10	<5	178	<10	<10	<5	0.24	<5	<50	19.6	<1	32	332
D60615 (102373)	12	<10	<5	192	<10	<10	<5	0.26	<5	<50	21.5	<1	35	406
D60616 (102374)	26	<10	<5	117	<10	<10	<5	0.67	<5	<50	155	6	22	581
D60617 (102375)	11	<10	<5	188	<10	<10	<5	0.27	<5	<50	29.2	<1	28	391
D60618 (102376)	11	<10	<5	192	<10	<10	<5	0.27	<5	<50	31.2	<1	27	396
D60619 (102377)	11	<10	<5	194	<10	<10	<5	0.25	<5	<50	18.0	<1	32	733
D60620 (102378)	13	<10	<5	185	<10	<10	<5	0.23	<5	<50	17.1	<1	34	247
D60621 (102379)	11	<10	<5	224	<10	<10	7	0.25	<5	<50	20.8	1	28	239
D60622 (102380)	10	<10	<5	231	<10	<10	5	0.27	<5	<50	19.2	<1	29	913

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## Certificate of Analysis

AGAT WORK ORDER: 19T452047

PROJECT: AGAT00594

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 29, 2019	DATE RECEIVED: Mar 30, 2019					DATE REPORTED: Apr 16, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D60623 (102381)	10	<10	<5	205	<10	<10	5	0.25	<5	<50	19.4	<1	28	2290	
D60624 (102382)	12	<10	<5	185	<10	<10	<5	0.27	<5	<50	19.6	<1	34	1160	
D60625 (102383)	12	<10	<5	185	<10	<10	<5	0.25	<5	<50	22.6	<1	33	1590	
D60626 (102384)	35	<10	<5	241	<10	<10	<5	0.84	<5	<50	233	2	23	95.4	
D60627 (102385)	11	<10	<5	186	<10	<10	<5	0.26	<5	<50	22.1	<1	30	317	
D60628 (102386)	5	<10	<5	209	<10	<10	6	0.13	<5	<50	11.5	<1	17	211	
D60629 (102387)	9	<10	<5	190	<10	<10	<5	0.25	<5	<50	23.0	<1	26	238	
D60630 (102388)	10	<10	<5	172	<10	<10	<5	0.24	<5	<50	21.0	<1	30	193	

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 29, 2019      DATE RECEIVED: Mar 30, 2019      DATE REPORTED: Apr 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D60559 (102317)			130
D60560 (102318)			184
D60561 (102319)			213
D60562 (102320)			191
D60563 (102321)			78
D60564 (102322)			207
D60565 (102323)			164
D60566 (102324)			48
D60567 (102325)			215
D60568 (102326)			245
D60569 (102327)			245
D60570 (102328)			208
D60571 (102329)			174
D60572 (102330)			<5
D60573 (102331)			173
D60574 (102332)			204
D60575 (102333)			162
D60576 (102334)			174
D60577 (102335)			138
D60578 (102336)			146
D60579 (102337)			167
D60580 (102338)			144
D60581 (102339)			102
D60582 (102340)			116
D60583 (102341)			138
D60584 (102342)			159
D60585 (102343)			150
D60586 (102344)			46
D60587 (102345)			128
D60588 (102346)			115
D60589 (102347)			117
D60590 (102348)			125

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T452047

PROJECT: AGAT00594

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 29, 2019      DATE RECEIVED: Mar 30, 2019      DATE REPORTED: Apr 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D60591 (102349)				118
D60592 (102350)				<5
D60593 (102351)				107
D60594 (102352)				124
D60595 (102353)				110
D60596 (102354)				184
D60597 (102355)				183
D60598 (102356)				181
D60599 (102357)				204
D60600 (102358)				206
D60601 (102359)				152
D60602 (102360)				204
D60603 (102361)				184
D60604 (102362)				28
D60605 (102363)				110
D60606 (102364)				58
D60607 (102365)				161
D60608 (102366)				195
D60609 (102367)				193
D60610 (102368)				107
D60611 (102369)				203
D60612 (102370)				<5
D60613 (102371)				164
D60614 (102372)				173
D60615 (102373)				207
D60616 (102374)				31
D60617 (102375)				171
D60618 (102376)				174
D60619 (102377)				177
D60620 (102378)				167
D60621 (102379)				195
D60622 (102380)				213

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T452047

PROJECT: AGAT00594

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 29, 2019

DATE RECEIVED: Mar 30, 2019

DATE REPORTED: Apr 16, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D60623 (102381)	197
D60624 (102382)	194
D60625 (102383)	152
D60626 (102384)	92
D60627 (102385)	174
D60628 (102386)	74
D60629 (102387)	169
D60630 (102388)	174

Comments: RDL - Reported Detection Limit

102317-102388 As, Sb values may be low due to digestion losses.

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T452047

PROJECT: AGAT00594

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 29, 2019      DATE RECEIVED: Mar 30, 2019      DATE REPORTED: Apr 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D60559 (102317)		0.002	
D60560 (102318)		<0.001	
D60561 (102319)		0.003	
D60562 (102320)		0.011	
D60563 (102321)		0.001	
D60564 (102322)		0.002	
D60565 (102323)		<0.001	
D60566 (102324)		1.23	
D60567 (102325)		0.003	
D60568 (102326)		0.002	
D60569 (102327)		0.001	
D60570 (102328)		0.001	
D60571 (102329)		0.002	
D60572 (102330)		<0.001	
D60573 (102331)		<0.001	
D60574 (102332)		0.001	
D60575 (102333)		0.001	
D60576 (102334)		<0.001	
D60577 (102335)		0.001	
D60578 (102336)		0.001	
D60579 (102337)		0.001	
D60580 (102338)		0.002	
D60581 (102339)		0.002	
D60582 (102340)		0.005	
D60583 (102341)		0.002	
D60584 (102342)		<0.001	
D60585 (102343)		<0.001	
D60586 (102344)		1.20	
D60587 (102345)		0.001	
D60588 (102346)		0.003	
D60589 (102347)		0.001	
D60590 (102348)		<0.001	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T452047

PROJECT: AGAT00594

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 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 29, 2019      DATE RECEIVED: Mar 30, 2019      DATE REPORTED: Apr 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D60591 (102349)			0.002
D60592 (102350)			<0.001
D60593 (102351)			0.001
D60594 (102352)			0.002
D60595 (102353)			0.115
D60596 (102354)			<0.001
D60597 (102355)			<0.001
D60598 (102356)			<0.001
D60599 (102357)			<0.001
D60600 (102358)			<0.001
D60601 (102359)			<0.001
D60602 (102360)			0.001
D60603 (102361)			0.002
D60604 (102362)			<0.001
D60605 (102363)			0.001
D60606 (102364)			0.518
D60607 (102365)			<0.001
D60608 (102366)			<0.001
D60609 (102367)			0.001
D60610 (102368)			0.001
D60611 (102369)			<0.001
D60612 (102370)			<0.001
D60613 (102371)			0.001
D60614 (102372)			0.001
D60615 (102373)			0.001
D60616 (102374)			<0.001
D60617 (102375)			<0.001
D60618 (102376)			<0.001
D60619 (102377)			<0.001
D60620 (102378)			<0.001
D60621 (102379)			0.001
D60622 (102380)			0.001

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T452047

PROJECT: AGAT00594

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MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Mar 29, 2019

DATE RECEIVED: Mar 30, 2019

DATE REPORTED: Apr 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D60623 (102381)			0.001
D60624 (102382)			0.001
D60625 (102383)			0.001
D60626 (102384)			0.321
D60627 (102385)			0.001
D60628 (102386)			0.001
D60629 (102387)			0.002
D60630 (102388)			<0.001

Comments: RDL - Reported Detection Limit

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T452047

PROJECT: AGAT00594

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## Sieving - % Passing (Crushing)

DATE SAMPLED: Mar 29, 2019	DATE RECEIVED: Mar 30, 2019	DATE REPORTED: Apr 16, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D60559 (102317)		84
D60577 (102335)		91
D60595 (102353)		85
D60598 (102356)		87
D60618 (102376)		76

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	102317	< 0.5	< 0.5	0.0%	102331	0.8	0.8	0.0%	102342	0.61	0.77	23.2%	102356	0.78	0.64	19.7%
Al	102317	6.52	6.49	0.5%	102331	6.99	7.13	2.0%	102342	7.32	7.22	1.4%	102356	7.57	7.77	2.6%
As	102317	< 1	< 1	0.0%	102331	< 1	< 1	0.0%	102342	< 1	< 1	0.0%	102356	< 1	< 1	0.0%
Ba	102317	185	187	1.1%	102331	274	283	3.2%	102342	339	341	0.6%	102356	196	198	1.0%
Be	102317	1.1	1.16	4.4%	102331	0.9	0.9	0.0%	102342	0.5	0.5	0.0%	102356	0.76	0.68	11.1%
Bi	102317	< 1	< 1	0.0%	102331	< 1	< 1	0.0%	102342	< 1	1		102356	< 1	2	
Ca	102317	1.99	2.02	1.5%	102331	2.60	2.61	0.4%	102342	2.46	2.47	0.4%	102356	2.99	3.07	2.6%
Cd	102317	5.5	5.70	2.8%	102331	5.64	5.71	1.2%	102342	7.1	6.9	2.9%	102356	1.10	1.26	13.6%
Ce	102317	41	46	11.5%	102331	50	49	2.0%	102342	46	48	4.3%	102356	42	39	7.4%
Co	102317	4.6	4.18	8.5%	102331	6.3	6.0	4.9%	102342	5.6	5.9	5.2%	102356	9.24	8.54	7.9%
Cr	102317	13.4	16.4	20.1%	102331	12.6	13.7	8.4%	102342	12.2	13.7	11.6%	102356	9.8	11.3	14.2%
Cu	102317	2.7	3.0	10.5%	102331	32.4	32.8	1.2%	102342	5.4	6.5	18.5%	102356	30.5	30.7	0.7%
Fe	102317	3.78	3.84	1.6%	102331	4.45	4.51	1.3%	102342	4.37	4.28	2.1%	102356	3.72	3.71	0.3%
Ga	102317	13	15	14.3%	102331	15	16	6.5%	102342	15	15	0.0%	102356	15	15	0.0%
In	102317	< 1	< 1	0.0%	102331	< 1	< 1	0.0%	102342	< 1	< 1	0.0%	102356	< 1	< 1	0.0%
K	102317	1.31	1.27	3.1%	102331	1.42	1.39	2.1%	102342	1.55	1.53	1.3%	102356	1.12	1.14	1.8%
La	102317	20	22	9.5%	102331	23	23	0.0%	102342	21	23	9.1%	102356	20	18	10.5%
Li	102317	34	34	0.0%	102331	50	49	2.0%	102342	76	74	2.7%	102356	47	48	2.1%
Mg	102317	0.58	0.56	3.5%	102331	0.552	0.565	2.3%	102342	0.748	0.739	1.2%	102356	0.793	0.796	0.4%
Mn	102317	4110	4250	3.3%	102331	2910	2870	1.4%	102342	3160	3030	4.2%	102356	4190	4300	2.6%
Mo	102317	7.1	9.0	23.6%	102331	1.9	2.0	5.1%	102342	1.86	1.69	9.6%	102356	3.47	4.06	15.7%
Na	102317	1.87	1.88	0.5%	102331	1.52	1.51	0.7%	102342	1.62	1.65	1.8%	102356	2.02	2.05	1.5%
Ni	102317	6.1	5.09	17.6%	102331	4.45	4.39	1.4%	102342	4.69	4.61	1.7%	102356	12.0	12.0	0.0%
P	102317	448	476	6.1%	102331	435	443	1.8%	102342	481	484	0.6%	102356	499	492	1.4%
Pb	102317	< 20	< 20	0.0%	102331	< 20	< 20	0.0%	102342	< 20	< 20	0.0%	102356	< 20	< 20	0.0%
Rb	102317	< 50	< 50	0.0%	102331	< 50	< 50	0.0%	102342	< 50	< 50	0.0%	102356	< 50	< 50	0.0%
S	102317	0.09	0.09	0.0%	102331	0.42	0.42	0.0%	102342	0.17	0.17	0.0%	102356	0.22	0.22	0.0%
Sb	102317	< 1	< 1	0.0%	102331	1	< 1		102342	1	< 1		102356	< 1	< 1	0.0%
Sc	102317	9	10	10.5%	102331	10	10	0.0%	102342	12	11	8.7%	102356	11	11	0.0%
Se	102317	< 10	< 10	0.0%	102331	< 10	< 10	0.0%	102342	< 10	< 10	0.0%	102356	< 10	< 10	0.0%
Sn	102317	< 5	< 5	0.0%	102331	< 5	< 5	0.0%	102342	< 5	< 5	0.0%	102356	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	102317	102	103	1.0%	102331	92	92	0.0%	102342	102	104	1.9%	102356	143	146	2.1%
Ta	102317	< 10	< 10	0.0%	102331	< 10	< 10	0.0%	102342	< 10	< 10	0.0%	102356	< 10	< 10	0.0%
Te	102317	< 10	< 10	0.0%	102331	< 10	< 10	0.0%	102342	< 10	< 10	0.0%	102356	< 10	< 10	0.0%
Th	102317	6	7	15.4%	102331	< 5	< 5	0.0%	102342	< 5	< 5	0.0%	102356	< 5	< 5	0.0%
Ti	102317	0.16	0.16	0.0%	102331	0.211	0.219	3.7%	102342	0.26	0.26	0.0%	102356	0.298	0.305	2.3%
Tl	102317	< 5	< 5	0.0%	102331	< 5	< 5	0.0%	102342	< 5	< 5	0.0%	102356	< 5	< 5	0.0%
U	102317	< 50	< 50	0.0%	102331	< 50	< 50	0.0%	102342	< 50	< 50	0.0%	102356	< 50	< 50	0.0%
V	102317	16.7	16.3	2.4%	102331	18.4	19.6	6.3%	102342	19.1	18.9	1.1%	102356	32.5	31.9	1.9%
W	102317	< 1	< 1	0.0%	102331	< 1	< 1	0.0%	102342	< 1	< 1	0.0%	102356	< 1	< 1	0.0%
Y	102317	28	29	3.5%	102331	31	31	0.0%	102342	35	33	5.9%	102356	28	28	0.0%
Zn	102317	509	524	2.9%	102331	466	471	1.1%	102342	351	334	5.0%	102356	187	187	0.0%
Zr	102317	130	142	8.8%	102331	173	182	5.1%	102342	159	163	2.5%	102356	181	183	1.1%

Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	102367	0.7	0.6	15.4%	102381	< 0.5	< 0.5	0.0%								
Al	102367	8.34	8.50	1.9%	102381	7.96	7.91	0.6%								
As	102367	< 1	< 1	0.0%	102381	< 1	< 1	0.0%								
Ba	102367	296	309	4.3%	102381	357	355	0.6%								
Be	102367	1.4	1.45	0.7%	102381	1.02	1.06	3.8%								
Bi	102367	< 1	< 1	0.0%	102381	< 1	< 1	0.0%								
Ca	102367	3.29	3.36	2.1%	102381	3.12	3.10	0.6%								
Cd	102367	1.8	1.88	2.7%	102381	16.5	16.4	0.6%								
Ce	102367	56	52	7.4%	102381	52	50	3.9%								
Co	102367	10.8	10.5	2.8%	102381	7.38	7.14	3.3%								
Cr	102367	3.8	3.5	8.2%	102381	10.6	10.4	1.9%								
Cu	102367	73.3	76.1	3.7%	102381	22.4	20.0	11.3%								
Fe	102367	3.98	3.98	0.0%	102381	3.78	3.75	0.8%								
Ga	102367	17	18	5.7%	102381	17	17	0.0%								
In	102367	< 1	< 1	0.0%	102381	< 1	< 1	0.0%								
K	102367	0.91	0.94	3.2%	102381	1.01	1.02	1.0%								
La	102367	26	24	8.0%	102381	24	24	0.0%								
Li	102367	36	37	2.7%	102381	42	42	0.0%								
Mg	102367	0.46	0.47	2.2%	102381	0.435	0.433	0.5%								
Mn	102367	5750	5580	3.0%	102381	3360	3360	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	102367	1.6	2.0	22.2%	102381	17.0	19.6	14.2%								
Na	102367	2.47	2.54	2.8%	102381	2.39	2.38	0.4%								
Ni	102367	7.7	7.5	2.6%	102381	5.00	4.74	5.3%								
P	102367	482	456	5.5%	102381	524	523	0.2%								
Pb	102367	< 20	< 20	0.0%	102381	< 20	< 20	0.0%								
Rb	102367	< 50	< 50	0.0%	102381	< 50	< 50	0.0%								
S	102367	0.15	0.15	0.0%	102381	0.19	0.19	0.0%								
Sb	102367	1	2		102381	< 1	1									
Sc	102367	12	12	0.0%	102381	10	10	0.0%								
Se	102367	< 10	< 10	0.0%	102381	< 10	< 10	0.0%								
Sn	102367	< 5	< 5	0.0%	102381	< 5	< 5	0.0%								
Sr	102367	194	199	2.5%	102381	205	203	1.0%								
Ta	102367	< 10	< 10	0.0%	102381	< 10	< 10	0.0%								
Te	102367	< 10	< 10	0.0%	102381	< 10	< 10	0.0%								
Th	102367	6	5	18.2%	102381	5	5	0.0%								
Ti	102367	0.25	0.255	2.0%	102381	0.250	0.245	2.0%								
Tl	102367	< 5	< 5	0.0%	102381	< 5	< 5	0.0%								
U	102367	< 50	< 50	0.0%	102381	< 50	< 50	0.0%								
V	102367	19.2	19.4	1.0%	102381	19.4	19.0	2.1%								
W	102367	< 1	< 1	0.0%	102381	< 1	< 1	0.0%								
Y	102367	33	32	3.1%	102381	28	29	3.5%								
Zn	102367	296	305	3.0%	102381	2290	2260	1.3%								
Zr	102367	193	192	0.5%	102381	197	201	2.0%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	102317	0.002	0.001		102331	< 0.001	< 0.001	0.0%	102342	< 0.001	< 0.001	0.0%	102356	< 0.001	< 0.001	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	102367	0.001	0.002		102381	0.001	0.003									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.8	99%	90% - 110%	8.17	8.25	101%	90% - 110%	6.96	6.69	96%	90% - 110%	10.95	10.4	95%	90% - 110%
As					26	23	90%	90% - 110%	124	126	102%	90% - 110%				
Ba	340	338	99%	90% - 110%	540	536	99%	90% - 110%	186	172	93%	90% - 110%	340	315	93%	90% - 110%
Be	2.6	2.6	100%	90% - 110%	4.0	3.8	95%	90% - 110%					2.6	2.6	98%	90% - 110%
Ca	5.72	5.65	99%	90% - 110%	0.907	0.898	99%	90% - 110%	4.01	3.9	97%	90% - 110%	5.72	5.46	96%	90% - 110%
Ce	122	119	98%	90% - 110%	98	96	98%	90% - 110%	24	22	90%	90% - 110%	122	120	98%	90% - 110%
Co									22.1	22	100%	90% - 110%	2.8	2.7	96%	90% - 110%
Cr					60.3	63	105%	90% - 110%								
Cu					150	154	103%	90% - 110%	88.6	80.9	91%	90% - 110%				
Fe	4.34	4.07	94%	90% - 110%	3.77	3.73	99%	90% - 110%	7.56	7.12	94%	90% - 110%	4.34	3.92	90%	90% - 110%
Ga	35	34	97%	90% - 110%									35	34	97%	90% - 110%
K	1.37	1.49	109%	90% - 110%					2.021	2.08	103%	90% - 110%	1.37	1.38	101%	90% - 110%
La	58	57	98%	90% - 110%	44	44	101%	90% - 110%					58	58	101%	90% - 110%
Li	37	41	110%	90% - 110%	47	49	105%	90% - 110%					37	38	101%	90% - 110%
Mg	0.325	0.313	96%	90% - 110%	1.10	1.13	103%	90% - 110%	2.412	2.449	102%	90% - 110%	0.325	0.295	91%	90% - 110%
Mn					780	794	102%	90% - 110%	1510	1450	96%	90% - 110%				
Mo					14	14	97%	90% - 110%								
Na	5.267	5.433	103%	90% - 110%	1.624	1.754	108%	90% - 110%	0.617	0.636	103%	90% - 110%	5.267	5.4	103%	90% - 110%
Ni					32	35	109%	90% - 110%	77.1	76.8	100%	90% - 110%				
P					750	719	96%	90% - 110%	892	850	95%	90% - 110%				
Pb					31	28	90%	90% - 110%								
S									0.348	0.32	92%	90% - 110%				
Sb					0.8	0.9	108%	90% - 110%								
Sc	1.1	1	93%	90% - 110%	12	13	107%	90% - 110%					1.1	1	95%	90% - 110%
Sr	1191	1123	94%	90% - 110%	144	147	102%	90% - 110%	92.8	84.9	91%	90% - 110%	1191	1120	94%	90% - 110%
Th					18.4	17.3	94%	90% - 110%								
Ti	0.172	0.164	96%	90% - 110%	0.53	0.48	91%	90% - 110%					0.172	0.155	90%	90% - 110%
V					77	77	101%	90% - 110%								
Y	119	128	107%	90% - 110%									119	130	109%	90% - 110%
Zn	93	97	104%	90% - 110%	130	131	101%	90% - 110%	208	205	99%	90% - 110%	93	94	101%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS5W)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.54	95%	90% - 110%	0.725	0.677	93%	90% - 110%	5.27	5.28	100%	90% - 110%	0.562	0.608	108%	90% - 110%



## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00594  
 SAMPLING SITE:

AGAT WORK ORDER: 19T452047  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00600

AGAT WORK ORDER: 19T452840

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Apr 29, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T452840

PROJECT: AGAT00600

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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 01, 2019      DATE RECEIVED: Apr 02, 2019      DATE REPORTED: Apr 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D60847 (107992)		1.91
D60848 (107993)		2.15
D60849 (107994)		3.33
D60850 (107995)		1.70
D60851 (107996)		2.04
D60852 (107997)		1.12
D60853 (107998)		3.48
D60854 (107999)		1.80
D60855 (108000)		0.95
D60856 (108001)		1.21
D60857 (108002)		2.96
D60858 (108003)		2.96
D60859 (108004)		3.40
D60860 (108005)		2.25
D60861 (108006)		2.12
D60862 (108007)		0.63
D60863 (108008)		3.35
D60864 (108009)		2.88
D60865 (108010)		2.89
D60866 (108011)		0.07
D60867 (108012)		1.62
D60868 (108013)		2.38
D60869 (108014)		1.57
D60870 (108015)		2.30
D60871 (108016)		1.55
D60872 (108017)		0.84
D60873 (108018)		1.06
D60874 (108019)		0.63
D60875 (108020)		0.91
D60876 (108021)		1.26
D60877 (108022)		2.80

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T452840

PROJECT: AGAT00600

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 01, 2019      DATE RECEIVED: Apr 02, 2019      DATE REPORTED: Apr 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D60878 (108023)		2.80
D60879 (108024)		1.49
D60880 (108025)		2.13
D60881 (108026)		2.03
D60882 (108027)		0.67
D60883 (108028)		2.54
D60884 (108029)		1.57
D60885 (108030)		2.21
D60886 (108031)		0.07
D60887 (108032)		1.41
D60888 (108033)		1.50
D60889 (108034)		2.50
D60890 (108035)		2.13
D60891 (108036)		1.29
D60892 (108037)		0.87
D60893 (108038)		2.19
D60894 (108039)		1.57
D60895 (108040)		0.66
D60896 (108041)		2.03
D60897 (108042)		0.70
D60898 (108043)		0.70
D60899 (108044)		0.92
D60900 (108045)		0.84
D60901 (108046)		0.83
D60902 (108047)		0.69
D60903 (108048)		1.46
D60904 (108049)		1.37
D60905 (108050)		1.75
D60906 (108051)		0.07
D60907 (108052)		1.06
D60908 (108053)		1.38

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T452840

PROJECT: AGAT00600

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 01, 2019      DATE RECEIVED: Apr 02, 2019      DATE REPORTED: Apr 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D60909 (108054)		0.83
D60910 (108055)		2.14
D60911 (108056)		0.73
D60912 (108057)		0.82
D60913 (108058)		1.16
D60914 (108059)		1.81
D60915 (108060)		0.94
D60916 (108061)		1.62
D60917 (108062)		2.73
D60918 (108063)		2.73

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T452840

PROJECT: AGAT00600

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 01, 2019	DATE RECEIVED: Apr 02, 2019							DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D60847 (107992)	1.0	7.78	<1	297	1.0	<1	2.48	1.8	51	28.9	105	629	4.40	18	
D60848 (107993)	0.8	7.58	<1	276	1.1	<1	2.46	2.3	45	25.5	287	705	4.96	18	
D60849 (107994)	<0.5	7.05	<1	329	2.0	<1	2.18	0.8	46	14.4	126	290	4.97	18	
D60850 (107995)	<0.5	2.77	<1	507	7.1	<1	7.20	<0.5	97	47.4	498	99.4	7.44	20	
D60851 (107996)	<0.5	7.49	<1	305	1.3	<1	2.50	<0.5	54	11.1	108	164	3.57	18	
D60852 (107997)	<0.5	0.08	4	17	<0.5	<1	31.6	<0.5	<1	0.7	6.2	<0.5	0.12	<5	
D60853 (107998)	<0.5	7.88	<1	322	1.1	<1	2.56	<0.5	49	9.3	103	146	4.17	19	
D60854 (107999)	<0.5	7.29	<1	533	2.2	<1	2.61	<0.5	49	6.7	142	43.2	4.12	18	
D60855 (108000)	<0.5	4.05	<1	622	11.1	<1	7.17	<0.5	82	37.5	379	82.8	7.02	24	
D60856 (108001)	<0.5	7.17	<1	468	1.2	<1	2.21	<0.5	49	4.7	124	31.8	3.15	17	
D60857 (108002)	<0.5	7.48	<1	318	1.1	<1	2.25	<0.5	47	5.1	133	25.8	3.74	18	
D60858 (108003)	<0.5	7.96	<1	326	1.1	<1	2.33	<0.5	47	4.6	135	24.5	3.54	18	
D60859 (108004)	<0.5	7.86	<1	320	1.1	<1	2.32	<0.5	50	7.6	90.0	34.9	3.48	17	
D60860 (108005)	<0.5	7.53	<1	279	1.2	<1	2.31	<0.5	45	8.3	114	28.0	3.36	17	
D60861 (108006)	<0.5	7.71	<1	321	1.2	<1	2.57	<0.5	48	15.7	85.4	40.7	2.93	17	
D60862 (108007)	<0.5	7.98	<1	361	1.1	<1	2.58	<0.5	59	16.5	121	33.7	2.54	17	
D60863 (108008)	<0.5	7.87	<1	385	1.1	<1	2.34	<0.5	57	9.2	116	27.7	3.27	18	
D60864 (108009)	<0.5	8.06	<1	405	1.3	<1	1.66	<0.5	19	2.2	79.1	16.8	1.40	19	
D60865 (108010)	<0.5	7.45	<1	169	1.4	<1	2.04	<0.5	35	6.0	94.2	34.9	2.21	19	
D60866 (108011)	<0.5	7.30	<1	177	1.1	<1	6.05	<0.5	8	35.0	141	103	7.31	25	
D60867 (108012)	<0.5	7.63	<1	265	1.3	<1	2.26	<0.5	51	6.6	138	53.3	4.17	20	
D60868 (108013)	<0.5	7.62	<1	307	1.3	<1	2.32	<0.5	51	9.1	126	70.3	4.13	19	
D60869 (108014)	<0.5	7.72	<1	603	1.7	<1	2.71	<0.5	47	7.9	119	82.4	3.34	18	
D60870 (108015)	<0.5	7.59	<1	300	1.2	<1	2.90	2.1	42	4.6	122	32.5	3.32	17	
D60871 (108016)	<0.5	7.58	<1	460	1.2	<1	2.67	4.7	46	6.3	132	23.5	3.17	16	
D60872 (108017)	<0.5	0.08	<1	16	<0.5	<1	31.7	<0.5	<1	<0.5	3.6	<0.5	0.08	<5	
D60873 (108018)	<0.5	7.09	<1	198	1.1	<1	2.89	2.5	43	4.1	127	10.3	2.83	16	
D60874 (108019)	2.2	7.61	<1	585	1.0	<1	2.21	3.9	47	13.2	156	130	4.98	20	
D60875 (108020)	<0.5	7.11	<1	560	2.6	<1	2.25	2.7	41	11.4	84.5	33.7	2.81	15	
D60876 (108021)	<0.5	5.98	2	513	3.9	<1	5.31	0.6	408	23.8	95.8	29.0	4.79	18	
D60877 (108022)	<0.5	2.56	7	521	4.3	<1	10.8	<0.5	1110	19.7	63.1	3.3	8.19	19	
D60878 (108023)	<0.5	2.73	12	491	4.4	<1	11.1	<0.5	1120	20.1	54.0	2.6	8.44	19	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T452840

PROJECT: AGAT00600

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 01, 2019	DATE RECEIVED: Apr 02, 2019							DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D60879 (108024)	<0.5	6.30	13	832	11.7	<1	4.12	<0.5	417	26.6	95.6	45.9	4.73	18	
D60880 (108025)	<0.5	7.21	<1	527	3.6	<1	2.77	<0.5	89	39.6	95.9	55.9	4.47	19	
D60881 (108026)	<0.5	7.11	4	448	3.3	<1	3.11	<0.5	78	26.3	98.6	19.8	3.29	18	
D60882 (108027)	<0.5	4.03	<1	39	4.2	<1	9.66	<0.5	<1	62.0	189	90.7	6.07	22	
D60883 (108028)	<0.5	7.83	<1	426	2.5	<1	1.86	<0.5	38	19.6	113	35.4	3.53	18	
D60884 (108029)	<0.5	7.73	<1	596	2.1	<1	1.85	<0.5	43	15.2	109	44.9	3.76	18	
D60885 (108030)	<0.5	7.50	<1	616	1.7	<1	2.75	<0.5	46	5.0	107	40.7	3.12	17	
D60886 (108031)	<0.5	7.56	<1	184	1.2	<1	6.29	<0.5	7	35.9	139	104	7.57	27	
D60887 (108032)	<0.5	7.04	<1	291	1.7	<1	2.99	0.6	44	4.8	118	39.8	3.06	16	
D60888 (108033)	<0.5	6.10	<1	278	1.7	<1	1.31	0.6	29	1.2	86.9	4.8	1.38	24	
D60889 (108034)	<0.5	7.39	<1	230	3.7	<1	2.46	3.8	45	6.0	105	26.2	3.78	19	
D60890 (108035)	<0.5	7.37	<1	386	4.9	<1	1.73	3.0	43	6.5	78.6	22.5	3.04	21	
D60891 (108036)	<0.5	7.62	<1	264	3.3	<1	2.57	3.8	46	3.9	121	20.9	3.52	19	
D60892 (108037)	<0.5	0.07	3	15	<0.5	<1	29.5	<0.5	<1	<0.5	3.9	<0.5	0.08	<5	
D60893 (108038)	<0.5	7.69	<1	506	2.0	<1	2.41	5.7	54	5.4	99.9	33.9	3.36	17	
D60894 (108039)	<0.5	7.41	<1	383	1.5	<1	2.65	5.8	49	5.1	80.1	15.7	3.16	17	
D60895 (108040)	<0.5	7.68	<1	301	1.1	<1	2.89	5.7	45	2.5	127	2.3	3.10	17	
D60896 (108041)	<0.5	6.76	<1	320	1.0	<1	2.23	7.2	53	5.8	133	28.6	3.86	16	
D60897 (108042)	<0.5	7.02	<1	126	1.0	<1	2.75	6.0	45	6.4	190	36.9	4.06	17	
D60898 (108043)	<0.5	7.04	<1	124	1.0	<1	2.74	6.1	45	7.2	152	35.9	3.95	17	
D60899 (108044)	0.5	7.77	<1	424	1.0	<1	2.55	4.7	48	7.9	120	75.5	3.79	18	
D60900 (108045)	<0.5	6.82	<1	363	0.9	<1	2.12	4.6	43	6.1	119	55.1	3.58	15	
D60901 (108046)	<0.5	7.36	<1	262	1.3	<1	2.34	4.3	49	7.6	113	57.2	4.00	18	
D60902 (108047)	<0.5	6.33	<1	139	1.4	<1	2.09	1.3	39	7.4	72.5	19.4	2.21	14	
D60903 (108048)	<0.5	7.19	<1	341	1.0	<1	2.04	2.9	45	7.6	106	62.9	3.45	16	
D60904 (108049)	<0.5	7.36	<1	168	1.0	<1	2.60	3.5	45	5.9	148	25.7	3.61	18	
D60905 (108050)	<0.5	7.49	<1	284	0.9	<1	2.29	3.4	49	4.4	117	18.5	3.60	16	
D60906 (108051)	<0.5	7.68	<1	84	0.6	<1	7.29	<0.5	<1	36.6	129	161	7.36	25	
D60907 (108052)	<0.5	7.33	<1	219	1.0	<1	2.35	3.8	47	3.1	120	17.5	3.91	16	
D60908 (108053)	<0.5	7.35	<1	320	0.9	<1	2.24	4.3	46	3.8	96.0	20.3	4.24	18	
D60909 (108054)	<0.5	6.65	<1	276	0.9	<1	2.06	3.8	45	2.8	130	10.6	3.90	14	
D60910 (108055)	<0.5	7.78	<1	221	1.1	<1	2.70	4.1	49	4.0	116	19.3	4.63	18	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T452840

PROJECT: AGAT00600

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 01, 2019	DATE RECEIVED: Apr 02, 2019					DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D60911 (108056)	<0.5	4.65	<1	489	3.3	<1	6.31	0.7	69	34.6	367	78.3	7.57	26	
D60912 (108057)	<0.5	0.08	2	17	<0.5	<1	33.1	<0.5	<1	0.5	3.4	<0.5	0.09	<5	
D60913 (108058)	<0.5	7.76	<1	277	1.4	<1	2.80	1.9	43	7.8	76.3	26.8	3.06	16	
D60914 (108059)	<0.5	5.65	<1	307	0.8	<1	1.78	1.2	36	5.2	105	16.3	2.43	11	
D60915 (108060)	<0.5	7.31	<1	552	1.1	<1	2.30	1.2	37	5.1	89.3	23.1	2.27	16	
D60916 (108061)	<0.5	7.64	<1	343	1.2	<1	2.94	1.5	48	5.9	117	20.3	3.03	17	
D60917 (108062)	<0.5	7.31	<1	348	1.1	<1	2.67	2.1	48	7.9	109	20.6	3.06	17	
D60918 (108063)	<0.5	7.71	<1	343	1.2	<1	2.80	2.0	47	7.8	86.1	19.6	3.00	18	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 01, 2019

DATE RECEIVED: Apr 02, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D60847 (107992)		<1	1.00	22	59	0.53	3810	208	2.27	39.7	501	<20	<50	0.44	1
D60848 (107993)		<1	1.13	21	40	0.60	4100	176	2.06	37.9	489	<20	<50	0.56	<1
D60849 (107994)		<1	1.37	22	34	0.68	4390	47.1	2.33	26.1	467	<20	<50	0.38	4
D60850 (107995)		<1	2.68	55	107	8.67	1380	4.3	1.89	437	2080	<20	<50	0.17	<1
D60851 (107996)		<1	1.18	25	37	0.52	1960	26.1	2.71	18.2	469	<20	<50	0.49	4
D60852 (107997)		<1	0.02	3	1	2.34	128	<0.5	0.05	2.0	84	<20	<50	0.23	<1
D60853 (107998)		<1	1.07	23	42	0.49	2490	33.9	2.61	14.3	535	<20	<50	0.43	4
D60854 (107999)		<1	1.09	23	55	0.80	2530	18.4	2.93	22.9	773	<20	<50	0.11	4
D60855 (108000)		<1	2.05	47	79	6.40	1760	4.8	2.64	280	1550	<20	<50	0.13	<1
D60856 (108001)		<1	1.04	21	34	0.43	1980	20.0	2.63	8.2	524	<20	<50	0.11	7
D60857 (108002)		<1	1.06	21	50	0.43	2410	18.1	2.50	8.9	537	<20	<50	0.10	<1
D60858 (108003)		<1	1.12	21	50	0.41	2220	21.2	2.65	7.8	486	<20	<50	0.10	2
D60859 (108004)		<1	1.15	22	47	0.40	2090	18.6	2.64	9.0	517	<20	<50	0.17	3
D60860 (108005)		<1	1.16	20	39	0.40	2200	23.2	2.71	9.9	508	<20	<50	0.18	4
D60861 (108006)		<1	1.18	21	35	0.40	1570	25.3	2.88	19.2	537	<20	<50	0.25	<1
D60862 (108007)		<1	1.03	25	44	0.33	1380	28.4	2.88	21.3	608	<20	<50	0.22	<1
D60863 (108008)		<1	1.34	24	51	0.43	2180	29.2	2.64	11.5	522	<20	<50	0.17	5
D60864 (108009)		<1	3.47	9	16	0.18	918	17.5	2.59	5.5	99	30	<50	0.07	4
D60865 (108010)		<1	1.29	16	33	0.25	1620	18.2	2.71	10.2	171	<20	<50	0.18	3
D60866 (108011)		<1	0.43	9	10	4.09	1300	2.0	2.29	102	877	<20	<50	0.11	<1
D60867 (108012)		<1	1.21	22	58	0.43	3080	22.8	2.42	9.8	490	<20	<50	0.28	3
D60868 (108013)		<1	1.28	23	45	0.44	2840	20.1	2.37	12.8	526	<20	<50	0.35	3
D60869 (108014)		<1	1.51	21	29	0.42	2490	25.0	2.82	11.4	1070	<20	<50	0.45	<1
D60870 (108015)		<1	0.79	19	39	0.39	3690	17.3	2.11	7.0	557	<20	<50	0.29	<1
D60871 (108016)		<1	1.73	21	36	0.40	3550	21.3	2.03	9.8	512	<20	<50	0.35	4
D60872 (108017)		<1	0.01	2	<1	1.88	117	<0.5	0.05	<0.5	77	<20	<50	0.24	<1
D60873 (108018)		<1	0.86	19	27	0.36	2790	22.4	1.94	7.9	397	<20	<50	0.14	4
D60874 (108019)		<1	2.95	22	19	0.28	3850	18.4	1.75	11.3	540	<20	<50	1.68	4
D60875 (108020)		<1	1.90	19	26	0.41	3000	16.3	2.73	13.9	648	<20	<50	0.50	<1
D60876 (108021)		<1	1.39	184	14	1.99	1940	8.8	3.55	26.7	1820	<20	<50	0.59	<1
D60877 (108022)		<1	0.90	473	8	3.90	2820	4.1	1.50	32.5	7250	<20	<50	0.39	<1
D60878 (108023)		<1	1.03	469	8	4.05	2860	3.3	1.49	32.7	8180	<20	<50	0.39	<1

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T452840

PROJECT: AGAT00600

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 01, 2019

DATE RECEIVED: Apr 02, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D60879 (108024)		<1	1.41	201	25	2.00	1240	9.4	3.75	36.3	236	<20	<50	0.86	<1
D60880 (108025)		<1	1.69	46	16	0.92	3370	10.9	3.65	45.8	639	<20	<50	0.93	2
D60881 (108026)		<1	0.92	43	19	0.99	2810	15.2	4.06	34.1	420	<20	<50	0.45	2
D60882 (108027)		<1	0.03	2	1	3.96	3140	8.5	4.06	84.7	406	<20	<50	0.55	<1
D60883 (108028)		<1	0.97	18	20	0.57	2980	17.5	3.70	24.4	466	<20	<50	0.56	7
D60884 (108029)		<1	1.00	19	27	0.69	2850	15.1	3.09	18.7	508	<20	<50	0.66	<1
D60885 (108030)		<1	0.98	21	33	0.53	1490	19.0	2.22	7.7	590	<20	<50	0.48	3
D60886 (108031)		<1	0.44	9	10	4.25	1340	1.8	2.35	105	873	<20	<50	0.09	<1
D60887 (108032)		<1	0.64	19	35	0.36	2490	16.3	1.80	7.6	503	<20	<50	0.40	4
D60888 (108033)		<1	3.20	12	13	0.14	1370	23.5	1.52	4.5	85	21	<50	<0.01	1
D60889 (108034)		<1	1.53	20	34	0.45	3360	14.7	2.15	8.3	536	<20	<50	0.34	3
D60890 (108035)		<1	3.00	19	27	0.42	2410	14.1	2.14	9.0	368	<20	<50	0.41	7
D60891 (108036)		<1	1.53	21	34	0.49	2960	15.6	2.16	6.5	443	<20	<50	0.29	2
D60892 (108037)		<1	0.01	2	1	2.19	119	<0.5	0.27	<0.5	94	<20	<50	0.21	<1
D60893 (108038)		<1	2.41	24	31	0.45	3110	15.3	2.06	9.0	459	<20	<50	0.43	1
D60894 (108039)		<1	1.08	22	53	0.52	3070	12.8	1.91	7.5	473	<20	<50	0.15	4
D60895 (108040)		<1	1.22	20	54	0.51	3110	17.1	1.72	6.1	519	<20	<50	0.03	<1
D60896 (108041)		<1	1.63	24	33	0.42	4300	18.9	1.36	7.6	393	<20	<50	0.35	2
D60897 (108042)		<1	0.94	20	40	0.51	4020	22.5	1.57	10.2	488	<20	<50	0.38	<1
D60898 (108043)		<1	0.95	21	40	0.52	4030	25.2	2.23	10.1	505	<20	<50	0.40	<1
D60899 (108044)		<1	2.20	21	37	0.47	3020	18.2	3.04	9.6	405	<20	<50	0.69	6
D60900 (108045)		<1	1.98	19	35	0.44	3210	18.7	2.29	8.5	421	<20	<50	0.55	3
D60901 (108046)		<1	1.51	22	37	0.50	3230	35.4	2.24	9.9	481	<20	<50	0.56	4
D60902 (108047)		<1	3.70	18	16	0.42	1200	14.8	2.24	14.8	112	<20	<50	0.38	1
D60903 (108048)		<1	2.69	21	28	0.43	2630	14.5	1.42	8.9	452	<20	<50	0.63	3
D60904 (108049)		<1	1.25	21	36	0.45	3800	29.9	1.53	9.7	450	<20	<50	0.26	<1
D60905 (108050)		<1	2.05	23	44	0.49	3350	15.8	1.36	7.1	487	<20	<50	0.20	<1
D60906 (108051)		<1	0.25	3	14	4.45	1330	1.8	1.74	96.2	345	<20	<50	0.22	<1
D60907 (108052)		<1	1.66	21	47	0.51	3490	18.7	1.33	5.2	673	<20	<50	0.21	<1
D60908 (108053)		<1	1.89	21	49	0.57	3560	12.7	1.39	5.1	447	<20	<50	0.26	<1
D60909 (108054)		<1	1.53	20	44	0.54	3380	19.3	1.24	5.1	392	<20	<50	0.14	4
D60910 (108055)		<1	1.44	22	42	0.55	3970	15.1	1.54	5.2	475	<20	<50	0.26	5

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T452840

PROJECT: AGAT00600

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 01, 2019	DATE RECEIVED: Apr 02, 2019					DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D60911 (108056)	<1	1.82	41	47	6.31	2410	9.5	1.53	291	1950	<20	<50	0.28	<1	
D60912 (108057)	<1	0.02	2	1	1.83	121	<0.5	0.13	0.8	78	<20	<50	0.25	<1	
D60913 (108058)	<1	2.17	20	27	0.44	3010	13.1	2.20	9.9	447	<20	<50	0.42	<1	
D60914 (108059)	<1	2.01	16	21	0.30	2600	218	1.08	7.9	407	<20	<50	0.27	<1	
D60915 (108060)	<1	2.76	17	20	0.24	2360	17.8	1.46	7.3	320	22	<50	0.38	3	
D60916 (108061)	<1	1.50	21	34	0.37	3430	16.0	1.63	8.2	501	<20	<50	0.37	<1	
D60917 (108062)	<1	1.67	22	39	0.41	3430	19.1	1.55	9.6	506	<20	<50	0.38	3	
D60918 (108063)	<1	1.68	21	40	0.41	3200	13.6	1.63	9.1	499	<20	<50	0.34	3	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 01, 2019	DATE RECEIVED: Apr 02, 2019					DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D60847 (107992)	13	<10	<5	189	<10	<10	6	0.25	<5	<50	27.9	<1	59	380	
D60848 (107993)	11	<10	<5	170	<10	<10	<5	0.24	<5	<50	27.4	<1	38	346	
D60849 (107994)	11	<10	<5	164	<10	<10	7	0.24	<5	<50	33.4	<1	37	236	
D60850 (107995)	37	<10	<5	781	<10	<10	8	1.21	<5	<50	281	<1	29	73.8	
D60851 (107996)	10	<10	<5	193	<10	<10	9	0.23	<5	<50	25.8	<1	30	90.6	
D60852 (107997)	<1	<10	<5	74	<10	<10	<5	<0.01	<5	<50	2.0	<1	2	2.9	
D60853 (107998)	10	<10	<5	194	<10	<10	6	0.26	<5	<50	25.7	<1	31	56.9	
D60854 (107999)	11	<10	<5	232	<10	<10	7	0.29	<5	<50	33.0	<1	34	46.8	
D60855 (108000)	28	<10	<5	660	<10	<10	7	1.26	<5	<50	228	<1	34	47.2	
D60856 (108001)	9	<10	<5	196	<10	<10	7	0.22	<5	<50	21.1	<1	29	51.8	
D60857 (108002)	10	<10	<5	187	<10	<10	6	0.24	<5	<50	23.0	<1	34	57.3	
D60858 (108003)	9	<10	<5	197	<10	<10	6	0.24	<5	<50	22.1	<1	29	57.0	
D60859 (108004)	10	<10	<5	194	<10	<10	6	0.25	<5	<50	22.9	<1	32	49.7	
D60860 (108005)	10	<10	<5	204	<10	<10	7	0.25	<5	<50	25.3	<1	32	44.7	
D60861 (108006)	9	<10	<5	231	<10	<10	8	0.25	<5	<50	25.8	<1	26	38.3	
D60862 (108007)	10	<10	<5	238	<10	<10	9	0.28	<5	<50	27.3	<1	27	33.8	
D60863 (108008)	11	<10	<5	211	<10	<10	8	0.28	<5	<50	27.0	<1	34	87.1	
D60864 (108009)	6	<10	<5	160	<10	<10	9	0.10	<5	<50	10.9	<1	18	74.6	
D60865 (108010)	8	<10	<5	139	<10	<10	9	0.13	<5	<50	13.8	<1	29	123	
D60866 (108011)	34	<10	<5	250	<10	<10	<5	0.83	<5	<50	231	<1	23	82.2	
D60867 (108012)	11	<10	<5	170	<10	<10	7	0.25	<5	<50	24.4	<1	36	101	
D60868 (108013)	11	<10	<5	189	<10	<10	6	0.25	<5	<50	25.0	<1	35	135	
D60869 (108014)	10	<10	<5	251	<10	<10	14	0.22	<5	<50	21.0	<1	30	140	
D60870 (108015)	10	<10	<5	193	<10	<10	6	0.25	<5	<50	28.0	<1	27	380	
D60871 (108016)	10	<10	<5	169	<10	<10	8	0.25	<5	<50	27.4	<1	27	718	
D60872 (108017)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	2.9	
D60873 (108018)	9	<10	<5	154	<10	<10	6	0.23	<5	<50	26.1	<1	24	353	
D60874 (108019)	11	<10	<5	186	<10	<10	<5	0.27	<5	<50	30.7	<1	31	434	
D60875 (108020)	8	<10	<5	223	<10	<10	9	0.21	<5	<50	27.5	<1	21	469	
D60876 (108021)	27	<10	<5	564	<10	<10	60	0.27	<5	<50	158	<1	19	62.8	
D60877 (108022)	42	<10	<5	1260	<10	<10	153	0.21	<5	<50	255	<1	29	34.6	
D60878 (108023)	41	<10	<5	1330	<10	<10	153	0.20	<5	<50	249	<1	29	34.7	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T452840

PROJECT: AGAT00600

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 01, 2019	DATE RECEIVED: Apr 02, 2019					DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D60879 (108024)	23	<10	<5	390	<10	<10	72	0.36	<5	<50	151	<1	14	30.2	
D60880 (108025)	11	<10	<5	279	<10	<10	17	0.34	<5	<50	48.2	<1	24	32.7	
D60881 (108026)	9	<10	<5	276	<10	<10	16	0.26	<5	<50	39.6	<1	22	23.8	
D60882 (108027)	40	<10	<5	595	<10	<10	<5	1.03	<5	<50	385	<1	10	22.6	
D60883 (108028)	9	<10	<5	218	<10	<10	7	0.22	<5	<50	33.5	<1	24	28.5	
D60884 (108029)	9	<10	<5	229	<10	<10	6	0.23	<5	<50	24.0	<1	28	49.6	
D60885 (108030)	9	<10	<5	238	<10	<10	8	0.24	<5	<50	25.4	<1	27	213	
D60886 (108031)	35	<10	<5	257	<10	<10	<5	0.86	<5	<50	239	<1	23	89.3	
D60887 (108032)	9	<10	<5	174	<10	<10	6	0.24	<5	<50	26.4	<1	26	251	
D60888 (108033)	9	<10	<5	135	<10	<10	10	0.07	<5	<50	9.2	<1	34	123	
D60889 (108034)	11	<10	<5	133	<10	<10	7	0.24	<5	<50	24.7	<1	32	450	
D60890 (108035)	9	<10	<5	171	<10	<10	10	0.20	<5	<50	23.7	<1	29	822	
D60891 (108036)	10	<10	<5	142	<10	<10	7	0.24	<5	<50	23.6	<1	34	394	
D60892 (108037)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	0.9	<1	2	4.1	
D60893 (108038)	11	<10	<5	165	<10	<10	9	0.25	<5	<50	26.4	<1	31	963	
D60894 (108039)	10	<10	<5	217	<10	<10	7	0.25	<5	<50	24.0	<1	29	739	
D60895 (108040)	10	<10	<5	149	<10	<10	7	0.26	<5	<50	24.0	<1	28	296	
D60896 (108041)	10	<10	<5	115	<10	<10	6	0.22	<5	<50	20.1	<1	29	803	
D60897 (108042)	11	<10	<5	114	<10	<10	5	0.25	<5	<50	26.6	<1	31	494	
D60898 (108043)	11	<10	<5	113	<10	<10	6	0.25	<5	<50	26.5	<1	31	438	
D60899 (108044)	10	<10	<5	155	<10	<10	6	0.25	<5	<50	25.2	<1	26	414	
D60900 (108045)	11	<10	<5	132	<10	<10	5	0.22	<5	<50	25.1	<1	29	374	
D60901 (108046)	10	<10	<5	157	<10	<10	5	0.25	<5	<50	26.7	<1	29	811	
D60902 (108047)	5	<10	<5	93	<10	<10	14	0.16	<5	<50	24.2	<1	9	439	
D60903 (108048)	10	<10	<5	125	<10	<10	7	0.23	<5	<50	25.8	<1	26	452	
D60904 (108049)	11	<10	<5	113	<10	<10	5	0.24	<5	<50	27.6	<1	30	347	
D60905 (108050)	11	<10	<5	117	<10	<10	6	0.27	<5	<50	27.0	<1	31	264	
D60906 (108051)	42	<10	<5	184	<10	<10	<5	0.61	<5	<50	272	<1	21	72.8	
D60907 (108052)	10	<10	<5	110	<10	<10	<5	0.25	<5	<50	21.5	<1	30	261	
D60908 (108053)	9	<10	<5	145	<10	<10	5	0.23	<5	<50	19.3	<1	29	875	
D60909 (108054)	9	<10	<5	125	<10	<10	<5	0.21	<5	<50	18.3	<1	27	379	
D60910 (108055)	10	<10	<5	117	<10	<10	<5	0.25	<5	<50	20.7	<1	31	424	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T452840

PROJECT: AGAT00600

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 01, 2019		DATE RECEIVED: Apr 02, 2019					DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core			
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D60911 (108056)	19	<10	<5	615	<10	<10	<5	1.64	<5	<50	193	<1	28	253	
D60912 (108057)	<1	<10	<5	75	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	3.3	
D60913 (108058)	10	<10	<5	139	<10	<10	8	0.23	<5	<50	28.4	<1	25	374	
D60914 (108059)	7	<10	<5	120	<10	<10	<5	0.18	<5	<50	21.6	<1	19	159	
D60915 (108060)	7	<10	<5	188	<10	<10	9	0.19	<5	<50	20.6	<1	22	168	
D60916 (108061)	10	<10	<5	179	<10	<10	8	0.26	<5	<50	27.0	<1	29	255	
D60917 (108062)	10	<10	<5	162	<10	<10	7	0.25	<5	<50	28.0	<1	30	271	
D60918 (108063)	10	<10	<5	168	<10	<10	7	0.24	<5	<50	28.7	<1	28	265	

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## Certificate of Analysis

AGAT WORK ORDER: 19T452840

PROJECT: AGAT00600

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 01, 2019      DATE RECEIVED: Apr 02, 2019      DATE REPORTED: Apr 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D60847 (107992)				227
D60848 (107993)				184
D60849 (107994)				187
D60850 (107995)				117
D60851 (107996)				194
D60852 (107997)				<5
D60853 (107998)				204
D60854 (107999)				197
D60855 (108000)				225
D60856 (108001)				187
D60857 (108002)				197
D60858 (108003)				191
D60859 (108004)				202
D60860 (108005)				187
D60861 (108006)				181
D60862 (108007)				211
D60863 (108008)				205
D60864 (108009)				93
D60865 (108010)				125
D60866 (108011)				94
D60867 (108012)				208
D60868 (108013)				203
D60869 (108014)				192
D60870 (108015)				171
D60871 (108016)				188
D60872 (108017)				<5
D60873 (108018)				154
D60874 (108019)				183
D60875 (108020)				148
D60876 (108021)				101
D60877 (108022)				45
D60878 (108023)				51

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## Certificate of Analysis

AGAT WORK ORDER: 19T452840

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 01, 2019      DATE RECEIVED: Apr 02, 2019      DATE REPORTED: Apr 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D60879 (108024)				159
D60880 (108025)				110
D60881 (108026)				114
D60882 (108027)				24
D60883 (108028)				143
D60884 (108029)				173
D60885 (108030)				175
D60886 (108031)				95
D60887 (108032)				151
D60888 (108033)				56
D60889 (108034)				188
D60890 (108035)				186
D60891 (108036)				189
D60892 (108037)				<5
D60893 (108038)				210
D60894 (108039)				193
D60895 (108040)				183
D60896 (108041)				160
D60897 (108042)				159
D60898 (108043)				152
D60899 (108044)				174
D60900 (108045)				141
D60901 (108046)				168
D60902 (108047)				59
D60903 (108048)				145
D60904 (108049)				155
D60905 (108050)				154
D60906 (108051)				51
D60907 (108052)				137
D60908 (108053)				153
D60909 (108054)				139
D60910 (108055)				176

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T452840

PROJECT: AGAT00600

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 01, 2019      DATE RECEIVED: Apr 02, 2019      DATE REPORTED: Apr 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D60911 (108056)				241
D60912 (108057)				<5
D60913 (108058)				150
D60914 (108059)				108
D60915 (108060)				161
D60916 (108061)				192
D60917 (108062)				192
D60918 (108063)				179

Comments: RDL - Reported Detection Limit  
107992-108063 As, Sb values may be low due to digestion losses.

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## Certificate of Analysis

AGAT WORK ORDER: 19T452840

PROJECT: AGAT00600

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 01, 2019      DATE RECEIVED: Apr 02, 2019      DATE REPORTED: Apr 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D60847 (107992)		0.029	
D60848 (107993)		0.082	
D60849 (107994)		0.017	
D60850 (107995)		0.002	
D60851 (107996)		0.003	
D60852 (107997)		0.002	
D60853 (107998)		0.003	
D60854 (107999)		0.003	
D60855 (108000)		0.001	
D60856 (108001)		0.004	
D60857 (108002)		0.001	
D60858 (108003)		0.002	
D60859 (108004)		0.005	
D60860 (108005)		0.007	
D60861 (108006)		0.002	
D60862 (108007)		0.003	
D60863 (108008)		0.002	
D60864 (108009)		0.002	
D60865 (108010)		0.002	
D60866 (108011)		0.339	
D60867 (108012)		0.002	
D60868 (108013)		0.004	
D60869 (108014)		0.004	
D60870 (108015)		0.004	
D60871 (108016)		0.003	
D60872 (108017)		0.001	
D60873 (108018)		0.002	
D60874 (108019)		0.013	
D60875 (108020)		0.005	
D60876 (108021)		0.003	
D60877 (108022)		0.003	
D60878 (108023)		0.003	

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## Certificate of Analysis

AGAT WORK ORDER: 19T452840

PROJECT: AGAT00600

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 01, 2019      DATE RECEIVED: Apr 02, 2019      DATE REPORTED: Apr 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au	ppm	0.001	
D60879 (108024)				0.004
D60880 (108025)				0.004
D60881 (108026)				0.012
D60882 (108027)				0.002
D60883 (108028)				0.004
D60884 (108029)				0.003
D60885 (108030)				0.002
D60886 (108031)				0.330
D60887 (108032)				0.002
D60888 (108033)				0.001
D60889 (108034)				0.002
D60890 (108035)				0.004
D60891 (108036)				0.002
D60892 (108037)				0.001
D60893 (108038)				0.002
D60894 (108039)				0.002
D60895 (108040)				0.002
D60896 (108041)				0.003
D60897 (108042)				0.002
D60898 (108043)				0.002
D60899 (108044)				0.005
D60900 (108045)				0.003
D60901 (108046)				0.005
D60902 (108047)				0.002
D60903 (108048)				0.005
D60904 (108049)				0.002
D60905 (108050)				0.002
D60906 (108051)				1.20
D60907 (108052)				0.003
D60908 (108053)				0.002
D60909 (108054)				0.001
D60910 (108055)				0.002

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## Certificate of Analysis

AGAT WORK ORDER: 19T452840

PROJECT: AGAT00600

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 01, 2019      DATE RECEIVED: Apr 02, 2019      DATE REPORTED: Apr 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D60911 (108056)			0.002
D60912 (108057)			0.002
D60913 (108058)			0.003
D60914 (108059)			0.003
D60915 (108060)			0.003
D60916 (108061)			0.002
D60917 (108062)			0.003
D60918 (108063)			0.003

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T452840

PROJECT: AGAT00600

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 01, 2019	DATE RECEIVED: Apr 02, 2019	DATE REPORTED: Apr 29, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D60847 (107992)		88
D60867 (108012)		86
D60887 (108032)		88
D60907 (108052)		93

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	107992	1.0	1.0	0.0%	108006	< 0.5	< 0.5	0.0%	108017	< 0.5	< 0.5	0.0%	108032	< 0.5	< 0.5	0.0%
Al	107992	7.78	7.76	0.3%	108006	7.71	7.44	3.6%	108017	0.08	0.08	0.0%	108032	7.04	6.67	5.4%
As	107992	< 1	< 1	0.0%	108006	< 1	< 1	0.0%	108017	< 1	3		108032	< 1	< 1	0.0%
Ba	107992	297	296	0.3%	108006	321	311	3.2%	108017	16	16	0.0%	108032	291	281	3.5%
Be	107992	1.05	1.13	7.3%	108006	1.2	1.3	8.0%	108017	< 0.5	< 0.5	0.0%	108032	1.7	1.7	0.0%
Bi	107992	< 1	< 1	0.0%	108006	< 1	< 1	0.0%	108017	< 1	< 1	0.0%	108032	< 1	< 1	0.0%
Ca	107992	2.48	2.55	2.8%	108006	2.57	2.49	3.2%	108017	31.7	32.2	1.6%	108032	2.99	2.97	0.7%
Cd	107992	1.8	1.6	11.8%	108006	< 0.5	< 0.5	0.0%	108017	< 0.5	< 0.5	0.0%	108032	0.6	1.0	
Ce	107992	51	50	2.0%	108006	48	51	6.1%	108017	< 1	< 1	0.0%	108032	44	41	7.1%
Co	107992	28.9	27.6	4.6%	108006	15.7	16.9	7.4%	108017	< 0.5	< 0.5	0.0%	108032	4.8	4.9	2.1%
Cr	107992	105	130	21.3%	108006	85.4	107	22.5%	108017	3.6	3.82	5.4%	108032	118	130	9.7%
Cu	107992	629	592	6.1%	108006	40.7	39.8	2.2%	108017	< 0.5	< 0.5	0.0%	108032	39.8	38.0	4.6%
Fe	107992	4.40	4.26	3.2%	108006	2.93	2.83	3.5%	108017	0.08	0.08	0.0%	108032	3.06	2.90	5.4%
Ga	107992	18	17	5.7%	108006	17	18	5.7%	108017	< 5	< 5	0.0%	108032	16	16	0.0%
In	107992	< 1	< 1	0.0%	108006	< 1	< 1	0.0%	108017	< 1	< 1	0.0%	108032	< 1	< 1	0.0%
K	107992	1.00	1.00	0.0%	108006	1.18	1.15	2.6%	108017	0.01	0.015	14.3%	108032	0.638	0.591	7.6%
La	107992	22	23	4.4%	108006	21	22	4.7%	108017	2	2	0.0%	108032	19	18	5.4%
Li	107992	59	57	3.4%	108006	35	34	2.9%	108017	< 1	< 1	0.0%	108032	35	32	9.0%
Mg	107992	0.529	0.505	4.6%	108006	0.40	0.39	2.5%	108017	1.88	1.88	0.0%	108032	0.36	0.34	5.7%
Mn	107992	3810	3490	8.8%	108006	1570	1510	3.9%	108017	117	118	0.9%	108032	2490	2450	1.6%
Mo	107992	208	225	7.9%	108006	25.3	26.5	4.6%	108017	< 0.5	< 0.5	0.0%	108032	16.3	16.7	2.4%
Na	107992	2.27	2.40	5.6%	108006	2.88	2.79	3.2%	108017	0.05	0.06	18.2%	108032	1.80	1.80	0.0%
Ni	107992	39.7	38.3	3.6%	108006	19.2	19.8	3.1%	108017	< 0.5	< 0.5	0.0%	108032	7.64	7.55	1.2%
P	107992	501	476	5.1%	108006	537	575	6.8%	108017	77	68	12.4%	108032	503	499	0.8%
Pb	107992	< 20	< 20	0.0%	108006	< 20	< 20	0.0%	108017	< 20	< 20	0.0%	108032	< 20	< 20	0.0%
Rb	107992	< 50	< 50	0.0%	108006	< 50	< 50	0.0%	108017	< 50	< 50	0.0%	108032	< 50	< 50	0.0%
S	107992	0.440	0.434	1.4%	108006	0.252	0.256	1.6%	108017	0.24	0.247	2.0%	108032	0.400	0.406	1.5%
Sb	107992	1	< 1		108006	< 1	3		108017	< 1	< 1	0.0%	108032	4	3	28.6%
Sc	107992	13	12	8.0%	108006	9	10	10.5%	108017	< 1	< 1	0.0%	108032	9	9	0.0%
Se	107992	< 10	< 10	0.0%	108006	< 10	< 10	0.0%	108017	< 10	< 10	0.0%	108032	< 10	< 10	0.0%
Sn	107992	< 5	< 5	0.0%	108006	< 5	< 5	0.0%	108017	< 5	< 5	0.0%	108032	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	107992	189	198	4.7%	108006	231	223	3.5%	108017	71	74	4.1%	108032	174	171	1.7%
Ta	107992	< 10	< 10	0.0%	108006	< 10	< 10	0.0%	108017	< 10	< 10	0.0%	108032	< 10	< 10	0.0%
Te	107992	< 10	< 10	0.0%	108006	< 10	< 10	0.0%	108017	< 10	< 10	0.0%	108032	< 10	< 10	0.0%
Th	107992	6	6	0.0%	108006	8	9	11.8%	108017	< 5	< 5	0.0%	108032	6	7	15.4%
Ti	107992	0.25	0.25	0.0%	108006	0.248	0.239	3.7%	108017	< 0.01	< 0.01	0.0%	108032	0.236	0.230	2.6%
Tl	107992	< 5	< 5	0.0%	108006	< 5	< 5	0.0%	108017	< 5	< 5	0.0%	108032	< 5	< 5	0.0%
U	107992	< 50	< 50	0.0%	108006	< 50	< 50	0.0%	108017	< 50	< 50	0.0%	108032	< 50	< 50	0.0%
V	107992	27.9	28.6	2.5%	108006	25.8	27.3	5.6%	108017	1.1	1.05	6.5%	108032	26.4	26.3	0.4%
W	107992	< 1	< 1	0.0%	108006	< 1	< 1	0.0%	108017	< 1	< 1	0.0%	108032	< 1	< 1	0.0%
Y	107992	59	54	8.8%	108006	26	27	3.8%	108017	2	2	0.0%	108032	26	25	3.9%
Zn	107992	380	376	1.1%	108006	38.3	37.5	2.1%	108017	2.9	3.5	18.8%	108032	251	245	2.4%
Zr	107992	227	220	3.1%	108006	181	196	8.0%	108017	< 5	< 5	0.0%	108032	151	155	2.6%

Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	108042	< 0.5	< 0.5	0.0%	108056	< 0.5	< 0.5	0.0%								
Al	108042	7.02	6.66	5.3%	108056	4.65	4.55	2.2%								
As	108042	< 1	< 1	0.0%	108056	< 1	< 1	0.0%								
Ba	108042	126	120	4.9%	108056	489	482	1.4%								
Be	108042	1.0	1.0	0.0%	108056	3.3	3.2	3.1%								
Bi	108042	< 1	< 1	0.0%	108056	< 1	< 1	0.0%								
Ca	108042	2.75	2.64	4.1%	108056	6.31	6.25	1.0%								
Cd	108042	6.01	5.24	13.7%	108056	0.7	0.8	13.3%								
Ce	108042	45	42	6.9%	108056	69	70	1.4%								
Co	108042	6.4	6.4	0.0%	108056	34.6	37.2	7.2%								
Cr	108042	190	200	5.1%	108056	367	377	2.7%								
Cu	108042	36.9	34.0	8.2%	108056	78.3	76.4	2.5%								
Fe	108042	4.06	3.84	5.6%	108056	7.57	7.47	1.3%								
Ga	108042	17	15	12.5%	108056	26	23	12.2%								
In	108042	< 1	< 1	0.0%	108056	< 1	< 1	0.0%								
K	108042	0.94	0.91	3.2%	108056	1.82	1.76	3.4%								
La	108042	20	19	5.1%	108056	41	41	0.0%								
Li	108042	40	38	5.1%	108056	47	45	4.3%								
Mg	108042	0.51	0.49	4.0%	108056	6.31	6.23	1.3%								
Mn	108042	4020	3630	10.2%	108056	2410	2370	1.7%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	108042	22.5	25.0	10.5%	108056	9.53	9.44	0.9%								
Na	108042	1.57	1.79	13.1%	108056	1.53	1.57	2.6%								
Ni	108042	10.2	10.7	4.8%	108056	291	288	1.0%								
P	108042	488	447	8.8%	108056	1950	1470	28.1%								
Pb	108042	< 20	< 20	0.0%	108056	< 20	< 20	0.0%								
Rb	108042	< 50	< 50	0.0%	108056	< 50	< 50	0.0%								
S	108042	0.38	0.38	0.0%	108056	0.28	0.25	11.3%								
Sb	108042	< 1	3		108056	< 1	< 1	0.0%								
Sc	108042	11	10	9.5%	108056	19	18	5.4%								
Se	108042	< 10	< 10	0.0%	108056	< 10	< 10	0.0%								
Sn	108042	< 5	< 5	0.0%	108056	< 5	< 5	0.0%								
Sr	108042	114	110	3.6%	108056	615	615	0.0%								
Ta	108042	< 10	< 10	0.0%	108056	< 10	< 10	0.0%								
Te	108042	< 10	< 10	0.0%	108056	< 10	< 10	0.0%								
Th	108042	5	4	22.2%	108056	< 5	< 5	0.0%								
Ti	108042	0.25	0.24	4.1%	108056	1.64	1.41	15.1%								
Tl	108042	< 5	< 5	0.0%	108056	< 5	< 5	0.0%								
U	108042	< 50	< 50	0.0%	108056	< 50	< 50	0.0%								
V	108042	26.6	25.6	3.8%	108056	193	190	1.6%								
W	108042	< 1	< 1	0.0%	108056	< 1	< 1	0.0%								
Y	108042	31	28	10.2%	108056	28	27	3.6%								
Zn	108042	494	438	12.0%	108056	253	253	0.0%								
Zr	108042	159	149	6.5%	108056	241	181	28.4%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	107992	0.0287	0.0316	9.6%	108006	0.0024	0.0025	4.1%	108017	0.001	0.001	0.0%	108032	0.002	0.002	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	108042	0.0025	0.0026	3.9%	108056	0.002	0.002	0.0%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GTS-2a)				CRM #2 (ref.SY-4)				CRM #3 (ref.Till-2)				CRM #4 (ref.Till-2)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al					10.95	10.48	96%	90% - 110%					8.17	8.16	100%	90% - 110%
Ba					340	311	92%	90% - 110%					540	497	92%	90% - 110%
Be					2.6	2.5	98%	90% - 110%					4.0	3.7	91%	90% - 110%
Ca					5.72	5.3	93%	90% - 110%					0.907	0.837	92%	90% - 110%
Ce					122	110	90%	90% - 110%					98	100	102%	90% - 110%
Cr													60.3	63.2	105%	90% - 110%
Cu													150	149	99%	90% - 110%
Fe					4.34	3.92	90%	90% - 110%					3.77	3.44	91%	90% - 110%
Ga					35	34	97%	90% - 110%								
K					1.37	1.44	105%	90% - 110%								
La					58	53	91%	90% - 110%					44	43	97%	90% - 110%
Li					37	39	105%	90% - 110%					47	48	101%	90% - 110%
Mg					0.325	0.295	91%	90% - 110%					1.10	1.05	95%	90% - 110%
Mn													780	727	93%	90% - 110%
Mo									14	13	92%	90% - 110%	14	14	99%	90% - 110%
Na					5.267	5.024	95%	90% - 110%					1.624	1.665	103%	90% - 110%
Ni													32	31	98%	90% - 110%
P													750	751	100%	90% - 110%
Pb													31	29	93%	90% - 110%
S	0.348	0.377	108%	90% - 110%												
Sb													0.8	0.8	95%	90% - 110%
Sc					1.1	1	94%	90% - 110%					12	12	103%	90% - 110%
Sr					1191	1144	96%	90% - 110%					144	150	104%	90% - 110%
Th													18.4	18.2	99%	90% - 110%
Ti					0.172	0.165	96%	90% - 110%					0.53	0.48	91%	90% - 110%
V					8	6	74%	90% - 110%					77	77	100%	90% - 110%
Y					119	120	101%	90% - 110%								
Zn					93	88	95%	90% - 110%					130	118	91%	90% - 110%
Parameter	CRM #5 (ref.GTS-2a)				CRM #6 (ref.SY-4)											
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Al	6.96	7.24	104%	90% - 110%	10.95	10.79	99%	90% - 110%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

As	124	113	91%	90% - 110%												
Ba	186	181	97%	90% - 110%	340	322	95%	90% - 110%								
Be					2.6	2.6	101%	90% - 110%								
Ca	4.01	3.93	98%	90% - 110%	5.72	5.62	98%	90% - 110%								
Ce	24	23	95%	90% - 110%	122	121	99%	90% - 110%								
Co	22.1	19.9	90%	90% - 110%												
Cu	88.6	89.9	102%	90% - 110%												
Fe	7.56	7.28	96%	90% - 110%	4.34	4.1	95%	90% - 110%								
Ga					35	35	99%	90% - 110%								
K	2.021	2.119	105%	90% - 110%	1.37	1.5	110%	90% - 110%								
La					58	53	92%	90% - 110%								
Li					37	41	110%	90% - 110%								
Mg	2.412	2.456	102%	90% - 110%	0.325	0.311	96%	90% - 110%								
Mn	1510	1478	98%	90% - 110%												
Na	0.617	0.66	107%	90% - 110%	5.267	5.631	107%	90% - 110%								
Ni	77.1	71.1	92%	90% - 110%												
P	892	909	102%	90% - 110%												
Sc					1.1	1	95%	90% - 110%								
Sr	92.8	93.5	101%	90% - 110%	1191	1201	101%	90% - 110%								
Ti					0.172	0.17	99%	90% - 110%								
V					8	6	75%	90% - 110%								
Y					119	124	105%	90% - 110%								
Zn	208	208	100%	90% - 110%	93	90	97%	90% - 110%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6E)				CRM #3 (ref.GS5W)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	5.27	4.97	94%	90% - 110%	6.06	6.33	104%	90% - 110%	5.27	5.76	109%	90% - 110%				

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00600  
 SAMPLING SITE:

AGAT WORK ORDER: 19T452840  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00601

AGAT WORK ORDER: 19T452844

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Apr 26, 2019

PAGES (INCLUDING COVER): 20

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T452844

PROJECT: AGAT00601

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 01, 2019

DATE RECEIVED: Apr 02, 2019

DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D60919 (108119)		0.94
D60920 (108120)		2.03
D60921 (108121)		1.01
D60922 (108122)		0.66
D60923 (108123)		1.25
D60924 (108124)		2.53
D60925 (108125)		1.86
D60926 (108126)		0.07
D60927 (108127)		1.43
D60928 (108128)		0.87
D60929 (108129)		2.48
D60930 (108130)		2.17
D60931 (108131)		2.14
D60932 (108132)		1.01
D60933 (108133)		3.08
D60934 (108134)		2.37
D60935 (108135)		0.83
D60936 (108136)		0.93
D60937 (108137)		0.68
D60938 (108138)		0.68
D60939 (108139)		0.85
D60940 (108140)		1.55
D60941 (108141)		2.88
D60942 (108142)		0.68
D60943 (108143)		0.70
D60944 (108144)		2.16
D60945 (108145)		2.82
D60946 (108146)		0.07
D60947 (108147)		2.34
D60948 (108148)		2.27
D60949 (108149)		1.69

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T452844

PROJECT: AGAT00601

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 01, 2019

DATE RECEIVED: Apr 02, 2019

DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D60950 (108150)		2.79
D60951 (108151)		2.20
D60952 (108152)		0.95
D60953 (108153)		1.89
D60954 (108154)		2.22
D60955 (108155)		1.09
D60956 (108156)		3.07
D60957 (108157)		2.21
D60958 (108158)		2.21
D60959 (108159)		2.15
D60960 (108160)		2.29
D60961 (108161)		1.89
D60962 (108162)		1.27
D60963 (108163)		1.50
D60964 (108164)		0.90
D60965 (108165)		2.60
D60966 (108166)		0.07
D60967 (108167)		1.85
D60968 (108168)		0.64
D60969 (108169)		1.76
D60970 (108170)		2.76
D60971 (108171)		1.02
D60972 (108172)		1.07
D60973 (108173)		2.60
D60974 (108174)		3.22
D60975 (108175)		3.39
D60976 (108176)		1.11
D60977 (108177)		1.14
D60978 (108178)		1.14

Comments: RDL - Reported Detection Limit

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T452844

PROJECT: AGAT00601

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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<http://www.agatlabs.com>

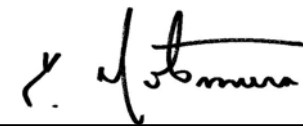
CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 01, 2019	DATE RECEIVED: Apr 02, 2019					DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core				
Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5	
D60919 (108119)	<0.5	6.95	<1	321	2.2	2	4.18	2.0	53	5.0	239	10.0	3.08	15	
D60920 (108120)	<0.5	6.95	<1	155	1.3	3	4.41	2.9	49	7.5	186	19.3	3.18	17	
D60921 (108121)	1.0	7.28	<1	315	1.5	3	3.00	2.6	49	11.5	207	62.3	3.81	18	
D60922 (108122)	0.8	7.67	<1	390	1.7	4	2.91	2.3	45	11.0	238	51.5	3.64	18	
D60923 (108123)	<0.5	8.34	<1	247	2.3	3	3.32	2.4	43	6.2	205	15.9	3.36	19	
D60924 (108124)	<0.5	7.66	<1	348	1.5	3	2.87	2.2	47	6.9	230	11.5	2.96	16	
D60925 (108125)	<0.5	7.84	<1	478	1.2	4	2.84	3.1	54	10.0	207	38.6	3.41	17	
D60926 (108126)	<0.5	7.34	<1	139	<0.5	12	6.79	<0.5	3	39.8	194	156	7.85	25	
D60927 (108127)	<0.5	7.20	2	217	1.9	4	2.86	2.5	43	8.4	210	22.5	2.54	15	
D60928 (108128)	<0.5	6.90	1	359	1.9	2	2.06	1.6	33	4.7	201	9.3	2.14	16	
D60929 (108129)	<0.5	7.47	<1	292	1.6	3	2.85	3.8	44	10.7	153	28.5	2.50	16	
D60930 (108130)	<0.5	7.50	<1	258	1.1	4	3.01	4.2	45	10.5	145	25.9	2.50	15	
D60931 (108131)	<0.5	7.56	<1	258	1.0	4	3.13	4.6	45	10.6	179	24.5	2.69	14	
D60932 (108132)	<0.5	0.08	<1	19	<0.5	<1	30.6	<0.5	<1	<0.5	5.5	<0.5	0.09	<5	
D60933 (108133)	<0.5	7.58	1	335	0.9	5	3.00	4.2	46	10.1	132	23.8	2.59	15	
D60934 (108134)	<0.5	7.47	1	280	0.9	5	2.92	1.6	45	7.0	254	14.9	3.08	15	
D60935 (108135)	<0.5	7.88	<1	217	1.0	3	3.04	1.8	46	6.1	210	20.0	3.68	17	
D60936 (108136)	<0.5	6.93	<1	218	1.0	4	2.76	2.1	41	6.8	208	27.5	3.68	14	
D60937 (108137)	<0.5	7.74	<1	524	0.9	3	2.66	2.3	46	5.7	226	28.1	3.92	17	
D60938 (108138)	<0.5	7.94	<1	543	0.9	4	2.72	2.3	45	5.6	185	29.7	4.02	18	
D60939 (108139)	<0.5	7.00	<1	209	0.9	3	2.81	2.1	41	6.3	202	30.6	3.47	17	
D60940 (108140)	<0.5	6.88	2	311	1.0	4	2.66	1.8	46	6.1	174	15.2	2.96	16	
D60941 (108141)	<0.5	7.41	<1	233	1.0	4	2.94	6.0	45	8.7	206	50.6	3.71	17	
D60942 (108142)	<0.5	7.05	<1	223	1.5	6	2.94	14.4	43	11.9	173	62.5	4.00	17	
D60943 (108143)	<0.5	5.25	<1	485	1.9	20	4.75	0.8	58	42.6	526	65.4	6.13	21	
D60944 (108144)	<0.5	7.31	<1	194	1.1	<1	2.78	2.9	47	10.3	195	35.5	3.17	17	
D60945 (108145)	<0.5	7.37	<1	241	1.2	4	2.79	1.9	44	7.2	232	32.8	3.48	17	
D60946 (108146)	<0.5	7.37	<1	177	0.8	16	6.20	<0.5	12	37.6	199	103	7.35	27	
D60947 (108147)	<0.5	7.46	<1	267	1.0	4	2.83	1.7	48	7.6	211	33.0	3.99	17	
D60948 (108148)	<0.5	7.59	<1	367	1.3	5	2.67	<0.5	45	5.4	245	14.7	3.56	17	
D60949 (108149)	<0.5	7.47	<1	292	1.6	4	2.62	<0.5	44	6.8	179	11.6	3.14	16	
D60950 (108150)	<0.5	7.67	<1	306	1.1	5	2.64	<0.5	45	6.0	140	8.3	3.56	18	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T452844

PROJECT: AGAT00601

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 01, 2019	DATE RECEIVED: Apr 02, 2019							DATE REPORTED: Apr 26, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D60951 (108151)	<0.5	7.38	<1	314	1.1	3	2.46	<0.5	42	5.6	146	3.6	3.43	17	
D60952 (108152)	<0.5	0.07	<1	26	<0.5	<1	30.4	<0.5	<1	<0.5	5.6	<0.5	0.09	<5	
D60953 (108153)	<0.5	6.84	<1	247	1.4	3	2.27	<0.5	41	5.8	151	7.8	2.96	16	
D60954 (108154)	<0.5	6.81	<1	205	2.5	<1	1.46	<0.5	11	0.6	190	1.8	0.59	17	
D60955 (108155)	<0.5	7.99	<1	270	3.2	1	2.12	<0.5	5	0.7	170	0.9	0.69	19	
D60956 (108156)	<0.5	7.57	<1	275	1.2	4	2.55	<0.5	41	6.0	225	5.8	3.32	18	
D60957 (108157)	<0.5	7.40	<1	297	1.2	4	2.52	<0.5	43	5.6	226	7.4	3.26	17	
D60958 (108158)	<0.5	7.60	<1	302	1.2	3	2.59	<0.5	43	5.7	198	7.3	3.41	18	
D60959 (108159)	<0.5	7.15	<1	225	2.3	3	2.24	<0.5	43	7.0	305	14.9	3.17	18	
D60960 (108160)	<0.5	7.17	<1	204	2.5	4	2.35	<0.5	37	4.7	254	8.6	2.81	21	
D60961 (108161)	<0.5	7.86	<1	1420	<0.5	<1	0.53	<0.5	5	<0.5	114	1.4	0.42	17	
D60962 (108162)	<0.5	7.33	<1	1610	0.8	<1	0.69	<0.5	8	<0.5	176	2.0	0.88	14	
D60963 (108163)	<0.5	7.77	<1	232	1.8	5	2.54	<0.5	41	6.0	237	21.2	3.14	19	
D60964 (108164)	<0.5	8.67	<1	899	1.4	1	1.34	<0.5	4	0.6	147	0.6	0.95	20	
D60965 (108165)	<0.5	8.75	<1	443	2.9	7	2.97	<0.5	41	8.9	158	28.1	4.63	25	
D60966 (108166)	<0.5	7.35	<1	180	0.8	15	6.24	<0.5	12	37.3	183	105	7.40	27	
D60967 (108167)	<0.5	8.30	1	529	1.6	3	3.25	<0.5	46	6.6	183	14.4	3.87	20	
D60968 (108168)	<0.5	7.16	<1	406	1.3	4	2.95	<0.5	34	7.4	205	21.1	3.22	17	
D60969 (108169)	<0.5	7.93	<1	443	1.3	5	2.91	<0.5	44	6.8	231	20.7	3.90	19	
D60970 (108170)	<0.5	7.53	<1	341	1.1	2	3.20	<0.5	52	6.3	201	6.7	3.84	17	
D60971 (108171)	<0.5	5.73	<1	457	2.2	4	3.33	<0.5	68	10.1	265	20.7	3.26	13	
D60972 (108172)	<0.5	0.11	1	20	<0.5	<1	30.6	<0.5	<1	0.6	5.1	<0.5	0.10	<5	
D60973 (108173)	<0.5	7.98	<1	420	1.2	5	2.97	<0.5	43	7.2	183	21.6	3.78	19	
D60974 (108174)	<0.5	7.52	<1	373	1.2	3	2.84	<0.5	43	5.1	183	5.3	3.75	18	
D60975 (108175)	<0.5	7.41	<1	394	1.0	3	2.70	<0.5	38	4.4	139	1.7	3.35	17	
D60976 (108176)	<0.5	8.20	<1	470	1.3	4	2.94	<0.5	44	6.6	144	23.0	3.49	17	
D60977 (108177)	<0.5	6.77	<1	443	1.9	4	2.72	<0.5	50	9.9	240	31.3	3.14	17	
D60978 (108178)	<0.5	6.90	<1	455	1.9	7	2.80	<0.5	49	9.9	296	31.6	3.26	17	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T452844

PROJECT: AGAT00601

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 01, 2019	DATE RECEIVED: Apr 02, 2019					DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D60919 (108119)	<1	1.18	23	50	0.59	3070	17.2	2.97	8.3	614	<20	<50	0.20	2	
D60920 (108120)	<1	1.06	21	30	0.56	2820	13.7	2.00	7.1	673	<20	<50	0.44	2	
D60921 (108121)	<1	1.47	21	28	0.33	1730	15.9	1.80	12.3	677	<20	<50	1.10	2	
D60922 (108122)	<1	2.05	21	35	0.35	1860	18.4	1.59	12.6	532	<20	<50	0.89	3	
D60923 (108123)	<1	1.52	20	44	0.47	3030	14.6	1.79	7.1	542	<20	<50	0.33	2	
D60924 (108124)	<1	1.82	22	34	0.40	4030	18.4	1.60	9.1	528	<20	<50	0.23	3	
D60925 (108125)	<1	2.22	25	26	0.39	3740	16.6	1.78	9.2	637	<20	<50	0.68	2	
D60926 (108126)	<1	0.20	3	13	4.26	1390	1.8	2.34	85.4	421	<20	<50	0.17	2	
D60927 (108127)	<1	1.68	20	14	0.30	4050	17.0	1.87	12.0	463	<20	<50	0.41	3	
D60928 (108128)	<1	2.79	16	34	0.40	3300	20.1	1.69	8.9	387	27	<50	0.14	3	
D60929 (108129)	<1	1.68	21	13	0.29	4580	18.2	1.85	13.6	505	<20	<50	0.45	<1	
D60930 (108130)	<1	1.33	21	14	0.29	5260	18.5	2.05	13.8	490	<20	<50	0.41	2	
D60931 (108131)	<1	1.38	21	16	0.28	6980	23.1	1.88	14.9	503	<20	<50	0.37	2	
D60932 (108132)	<1	0.02	<2	1	2.79	111	<0.5	0.05	0.7	80	<20	<50	0.09	<1	
D60933 (108133)	<1	1.55	21	26	0.35	5890	19.6	1.82	13.6	533	<20	<50	0.32	<1	
D60934 (108134)	<1	1.45	22	41	0.50	4520	19.4	1.73	9.2	517	<20	<50	0.19	3	
D60935 (108135)	<1	1.26	22	45	0.60	4410	18.0	1.85	6.3	460	<20	<50	0.23	4	
D60936 (108136)	<1	1.24	19	32	0.49	4230	17.2	1.59	7.7	471	<20	<50	0.32	3	
D60937 (108137)	<1	2.40	22	36	0.53	4240	17.2	1.74	7.3	528	<20	<50	0.33	3	
D60938 (108138)	<1	2.48	22	36	0.54	4310	16.6	1.79	7.1	509	<20	<50	0.34	1	
D60939 (108139)	<1	1.19	19	35	0.46	3440	17.8	1.72	8.8	492	<20	<50	0.37	3	
D60940 (108140)	<1	1.36	21	36	0.45	2930	16.2	1.62	7.9	502	<20	<50	0.19	<1	
D60941 (108141)	<1	1.15	22	35	0.41	3060	19.3	1.96	9.4	500	<20	<50	0.58	1	
D60942 (108142)	<1	0.81	20	57	0.57	2950	13.4	2.46	16.9	584	<20	<50	0.74	2	
D60943 (108143)	<1	1.53	33	49	6.86	1690	6.6	1.68	382	1180	<20	<50	0.21	4	
D60944 (108144)	<1	0.92	21	32	0.45	2450	15.6	1.85	10.2	505	<20	<50	0.39	<1	
D60945 (108145)	<1	1.17	21	32	0.53	2750	16.6	2.06	13.3	483	<20	<50	0.28	3	
D60946 (108146)	<1	0.43	9	10	4.13	1300	2.2	2.29	104	863	<20	<50	0.09	3	
D60947 (108147)	<1	1.21	23	33	0.51	3340	17.0	2.03	9.6	539	<20	<50	0.33	5	
D60948 (108148)	<1	1.47	21	31	0.45	2270	18.9	2.26	7.7	490	<20	<50	0.14	2	
D60949 (108149)	<1	1.68	20	41	0.52	700	12.7	2.50	6.4	565	<20	<50	0.11	1	
D60950 (108150)	<1	1.39	21	37	0.55	642	13.3	2.58	6.1	620	<20	<50	0.08	<1	

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# Certificate of Analysis

AGAT WORK ORDER: 19T452844

PROJECT: AGAT00601

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 01, 2019

DATE RECEIVED: Apr 02, 2019

DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D60951 (108151)		<1	1.26	19	39	0.54	664	13.7	2.58	5.9	571	<20	<50	0.05	2
D60952 (108152)		<1	0.02	<2	1	2.50	118	<0.5	0.04	0.8	108	<20	<50	0.07	1
D60953 (108153)		<1	1.27	20	31	0.52	588	14.1	2.46	5.9	518	<20	<50	0.07	1
D60954 (108154)		<1	1.68	5	16	0.12	240	17.3	2.89	4.2	82	<20	<50	0.01	2
D60955 (108155)		<1	1.63	3	5	0.10	306	14.4	3.24	3.0	61	<20	<50	0.01	2
D60956 (108156)		<1	1.48	19	28	0.54	706	15.2	2.74	6.2	567	<20	<50	0.06	3
D60957 (108157)		<1	1.28	21	39	0.55	687	15.5	2.62	6.6	542	<20	<50	0.07	3
D60958 (108158)		<1	1.31	21	40	0.57	731	14.1	2.69	5.9	537	<20	<50	0.07	2
D60959 (108159)		<1	1.27	20	40	0.54	881	21.9	2.49	7.8	576	<20	<50	0.13	2
D60960 (108160)		<1	1.46	17	35	0.52	1500	17.9	2.67	10.0	1200	<20	<50	0.07	3
D60961 (108161)		<1	7.75	3	4	0.05	199	13.3	1.63	2.6	207	32	63	0.01	1
D60962 (108162)		<1	7.08	3	9	0.14	741	12.6	1.54	3.6	481	29	57	0.01	2
D60963 (108163)		<1	1.29	19	19	0.41	1670	16.0	2.88	8.4	546	<20	<50	0.16	3
D60964 (108164)		<1	5.45	2	15	0.16	320	12.1	2.48	3.7	160	23	<50	0.01	<1
D60965 (108165)		<1	1.85	19	53	1.00	1480	15.1	2.68	9.2	763	<20	<50	0.25	1
D60966 (108166)		<1	0.43	9	10	4.14	1310	2.1	2.31	104	889	<20	<50	0.10	2
D60967 (108167)		<1	1.32	22	39	0.78	1040	15.3	2.54	6.4	742	<20	<50	0.17	2
D60968 (108168)		<1	1.07	16	32	0.65	1070	16.3	2.15	6.1	797	<20	<50	0.25	4
D60969 (108169)		<1	1.43	20	42	0.77	1050	16.5	2.38	7.4	747	<20	<50	0.21	1
D60970 (108170)		<1	1.18	24	36	0.85	945	13.2	2.28	11.8	750	<20	<50	0.09	2
D60971 (108171)		<1	1.11	34	60	1.20	918	16.5	2.19	32.2	851	<20	<50	0.15	3
D60972 (108172)		<1	0.02	<2	1	2.65	112	<0.5	0.06	0.7	87	<20	<50	0.09	<1
D60973 (108173)		<1	1.40	21	31	0.73	758	13.4	2.63	6.7	702	<20	<50	0.21	2
D60974 (108174)		<1	1.36	20	32	0.68	780	12.7	2.52	5.6	681	<20	<50	0.07	2
D60975 (108175)		<1	1.27	18	34	0.67	752	13.2	2.48	5.0	621	<20	<50	0.04	<1
D60976 (108176)		<1	1.40	21	31	0.70	833	12.0	2.82	5.4	699	<20	<50	0.16	<1
D60977 (108177)		<1	1.34	24	30	1.27	540	12.9	2.34	19.6	767	<20	<50	0.20	2
D60978 (108178)		<1	1.38	23	31	1.30	550	15.7	2.43	20.4	789	<20	<50	0.20	3

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## Certificate of Analysis

AGAT WORK ORDER: 19T452844

PROJECT: AGAT00601

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 01, 2019	DATE RECEIVED: Apr 02, 2019					DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D60919 (108119)	10	<10	<5	141	<10	<10	12	0.19	<5	<50	25.9	<1	32	258	
D60920 (108120)	11	<10	<5	133	<10	<10	10	0.22	<5	<50	22.9	<1	40	409	
D60921 (108121)	11	<10	<5	154	<10	<10	6	0.26	<5	<50	22.2	<1	33	804	
D60922 (108122)	12	<10	<5	161	<10	<10	6	0.25	<5	<50	21.2	<1	29	455	
D60923 (108123)	11	<10	<5	161	<10	<10	7	0.26	<5	<50	22.8	<1	31	463	
D60924 (108124)	10	<10	<5	158	<10	<10	8	0.25	<5	<50	26.8	<1	27	452	
D60925 (108125)	10	<10	<5	179	<10	<10	8	0.25	<5	<50	22.6	<1	29	533	
D60926 (108126)	46	<10	<5	117	<10	<10	<5	0.69	<5	<50	306	<1	24	78.4	
D60927 (108127)	9	<10	<5	155	<10	<10	10	0.23	<5	<50	22.5	<1	28	756	
D60928 (108128)	8	<10	<5	110	<10	<10	10	0.15	<5	<50	17.1	<1	24	396	
D60929 (108129)	8	<10	<5	174	<10	<10	9	0.24	<5	<50	21.8	<1	26	954	
D60930 (108130)	8	<10	<5	173	<10	<10	10	0.24	<5	<50	23.8	<1	26	1000	
D60931 (108131)	8	<10	<5	177	<10	<10	11	0.25	<5	<50	23.3	<1	26	1350	
D60932 (108132)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.2	<1	3	4.6	
D60933 (108133)	8	<10	<5	186	<10	<10	9	0.26	<5	<50	23.4	<1	26	928	
D60934 (108134)	10	<10	<5	162	<10	<10	8	0.27	<5	<50	27.5	<1	28	382	
D60935 (108135)	11	<10	<5	152	<10	<10	7	0.28	<5	<50	28.0	<1	29	499	
D60936 (108136)	10	<10	<5	128	<10	<10	5	0.22	<5	<50	20.6	<1	26	550	
D60937 (108137)	11	<10	<5	158	<10	<10	7	0.26	<5	<50	23.9	<1	31	627	
D60938 (108138)	11	<10	<5	163	<10	<10	7	0.26	<5	<50	24.2	<1	30	625	
D60939 (108139)	9	<10	<5	128	<10	<10	6	0.23	<5	<50	20.2	<1	24	632	
D60940 (108140)	10	<10	<5	135	<10	<10	8	0.23	<5	<50	20.7	<1	26	548	
D60941 (108141)	11	<10	<5	149	<10	<10	6	0.25	<5	<50	22.6	<1	28	1140	
D60942 (108142)	12	<10	<5	168	<10	<10	7	0.27	<5	<50	25.6	<1	32	2100	
D60943 (108143)	15	<10	<5	406	<10	<10	<5	1.18	<5	<50	149	<1	21	328	
D60944 (108144)	11	<10	<5	135	<10	<10	8	0.23	<5	<50	22.5	<1	26	790	
D60945 (108145)	10	<10	<5	148	<10	<10	8	0.25	<5	<50	24.8	<1	26	544	
D60946 (108146)	34	<10	<5	252	<10	<10	<5	0.85	<5	<50	234	<1	23	84.5	
D60947 (108147)	11	<10	<5	144	<10	<10	7	0.27	<5	<50	25.7	<1	31	594	
D60948 (108148)	10	<10	<5	158	<10	<10	6	0.26	<5	<50	22.5	<1	28	156	
D60949 (108149)	12	<10	<5	142	<10	<10	8	0.23	<5	<50	32.3	<1	30	70.3	
D60950 (108150)	10	<10	<5	155	<10	<10	6	0.28	<5	<50	23.4	<1	27	88.1	

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## Certificate of Analysis

AGAT WORK ORDER: 19T452844

PROJECT: AGAT00601

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 01, 2019	DATE RECEIVED: Apr 02, 2019					DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D60951 (108151)	10	<10	<5	153	<10	<10	6	0.27	<5	<50	23.1	<1	29	81.3	
D60952 (108152)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	5.1	
D60953 (108153)	10	<10	<5	125	<10	<10	8	0.22	<5	<50	20.8	<1	24	69.0	
D60954 (108154)	1	<10	<5	115	<10	<10	6	0.02	<5	<50	3.9	3	12	8.8	
D60955 (108155)	2	<10	<5	148	<10	<10	<5	0.04	<5	<50	3.8	<1	7	22.8	
D60956 (108156)	10	<10	<5	148	<10	<10	7	0.26	<5	<50	23.1	<1	27	80.2	
D60957 (108157)	10	<10	<5	141	<10	<10	6	0.25	<5	<50	23.0	<1	27	77.9	
D60958 (108158)	10	<10	<5	144	<10	<10	8	0.26	<5	<50	23.2	<1	28	79.9	
D60959 (108159)	10	<10	<5	132	<10	<10	7	0.24	<5	<50	23.9	<1	30	110	
D60960 (108160)	11	<10	<5	147	<10	<10	9	0.23	<5	<50	20.6	<1	36	111	
D60961 (108161)	1	<10	<5	207	<10	<10	<5	0.02	<5	<50	2.2	2	4	14.1	
D60962 (108162)	4	<10	<5	200	<10	<10	<5	0.04	<5	<50	5.9	<1	17	21.4	
D60963 (108163)	11	<10	<5	145	<10	<10	8	0.25	<5	<50	23.6	<1	36	85.9	
D60964 (108164)	3	<10	<5	203	<10	<10	<5	0.08	<5	<50	7.6	<1	7	33.2	
D60965 (108165)	14	<10	<5	263	<10	<10	7	0.37	<5	<50	34.1	<1	37	143	
D60966 (108166)	34	<10	<5	253	<10	<10	<5	0.85	<5	<50	234	<1	23	86.2	
D60967 (108167)	13	<10	<5	294	<10	<10	7	0.31	<5	<50	27.7	<1	35	72.7	
D60968 (108168)	10	<10	<5	260	<10	<10	6	0.25	<5	<50	23.0	<1	31	66.1	
D60969 (108169)	11	<10	<5	287	<10	<10	5	0.30	<5	<50	25.1	<1	31	89.5	
D60970 (108170)	11	<10	<5	270	<10	<10	5	0.29	<5	<50	25.9	<1	29	79.8	
D60971 (108171)	14	<10	<5	383	<10	<10	11	0.24	<5	<50	38.5	<1	25	72.4	
D60972 (108172)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	3.7	
D60973 (108173)	10	<10	<5	309	<10	<10	5	0.32	<5	<50	26.0	<1	29	74.6	
D60974 (108174)	11	<10	<5	238	<10	<10	<5	0.30	<5	<50	24.9	<1	29	77.6	
D60975 (108175)	9	<10	<5	246	<10	<10	<5	0.28	<5	<50	21.9	<1	26	74.5	
D60976 (108176)	10	<10	<5	312	<10	<10	<5	0.30	<5	<50	23.4	<1	31	73.6	
D60977 (108177)	13	<10	<5	306	<10	<10	9	0.24	<5	<50	35.9	<1	18	68.2	
D60978 (108178)	13	<10	<5	326	<10	<10	8	0.26	<5	<50	36.5	<1	18	69.8	

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T452844

PROJECT: AGAT00601

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 01, 2019

DATE RECEIVED: Apr 02, 2019

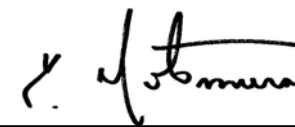
DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5

Sample ID (AGAT ID)	
D60919 (108119)	159
D60920 (108120)	172
D60921 (108121)	213
D60922 (108122)	211
D60923 (108123)	202
D60924 (108124)	186
D60925 (108125)	189
D60926 (108126)	59
D60927 (108127)	158
D60928 (108128)	139
D60929 (108129)	187
D60930 (108130)	179
D60931 (108131)	178
D60932 (108132)	<5
D60933 (108133)	181
D60934 (108134)	158
D60935 (108135)	155
D60936 (108136)	138
D60937 (108137)	153
D60938 (108138)	157
D60939 (108139)	130
D60940 (108140)	175
D60941 (108141)	168
D60942 (108142)	196
D60943 (108143)	189
D60944 (108144)	171
D60945 (108145)	181
D60946 (108146)	95
D60947 (108147)	191
D60948 (108148)	173
D60949 (108149)	176
D60950 (108150)	197

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T452844

PROJECT: AGAT00601

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 01, 2019

DATE RECEIVED: Apr 02, 2019

DATE REPORTED: Apr 26, 2019

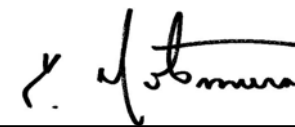
SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D60951 (108151)				181
D60952 (108152)				<5
D60953 (108153)				165
D60954 (108154)				16
D60955 (108155)				38
D60956 (108156)				189
D60957 (108157)				168
D60958 (108158)				175
D60959 (108159)				168
D60960 (108160)				136
D60961 (108161)				13
D60962 (108162)				52
D60963 (108163)				213
D60964 (108164)				62
D60965 (108165)				245
D60966 (108166)				92
D60967 (108167)				190
D60968 (108168)				148
D60969 (108169)				172
D60970 (108170)				152
D60971 (108171)				144
D60972 (108172)				<5
D60973 (108173)				166
D60974 (108174)				136
D60975 (108175)				127
D60976 (108176)				131
D60977 (108177)				133
D60978 (108178)				131

Comments: RDL - Reported Detection Limit

108119-108178 As, Sb values may be low due to digestion losses.

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## Certificate of Analysis

AGAT WORK ORDER: 19T452844

PROJECT: AGAT00601

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 01, 2019      DATE RECEIVED: Apr 02, 2019      DATE REPORTED: Apr 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D60919 (108119)			0.002
D60920 (108120)			0.002
D60921 (108121)			0.005
D60922 (108122)			0.004
D60923 (108123)			0.002
D60924 (108124)			0.002
D60925 (108125)			0.004
D60926 (108126)			0.519
D60927 (108127)			0.003
D60928 (108128)			0.002
D60929 (108129)			0.004
D60930 (108130)			0.004
D60931 (108131)			0.004
D60932 (108132)			<0.001
D60933 (108133)			0.004
D60934 (108134)			0.002
D60935 (108135)			0.002
D60936 (108136)			0.002
D60937 (108137)			0.002
D60938 (108138)			0.007
D60939 (108139)			0.002
D60940 (108140)			0.002
D60941 (108141)			0.004
D60942 (108142)			0.005
D60943 (108143)			0.001
D60944 (108144)			0.003
D60945 (108145)			0.003
D60946 (108146)			0.322
D60947 (108147)			0.002
D60948 (108148)			0.002
D60949 (108149)			0.001
D60950 (108150)			0.007

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## Certificate of Analysis

AGAT WORK ORDER: 19T452844

PROJECT: AGAT00601

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 01, 2019      DATE RECEIVED: Apr 02, 2019      DATE REPORTED: Apr 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D60951 (108151)			<0.001
D60952 (108152)			<0.001
D60953 (108153)			0.001
D60954 (108154)			<0.001
D60955 (108155)			<0.001
D60956 (108156)			0.002
D60957 (108157)			0.001
D60958 (108158)			0.001
D60959 (108159)			0.002
D60960 (108160)			0.002
D60961 (108161)			0.003
D60962 (108162)			<0.001
D60963 (108163)			0.002
D60964 (108164)			<0.001
D60965 (108165)			0.002
D60966 (108166)			0.353
D60967 (108167)			0.001
D60968 (108168)			0.002
D60969 (108169)			0.002
D60970 (108170)			0.001
D60971 (108171)			0.002
D60972 (108172)			0.002
D60973 (108173)			0.003
D60974 (108174)			0.002
D60975 (108175)			0.001
D60976 (108176)			0.003
D60977 (108177)			0.003
D60978 (108178)			0.003

Comments: RDL - Reported Detection Limit

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T452844

PROJECT: AGAT00601

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 01, 2019

DATE RECEIVED: Apr 02, 2019

DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D60919 (108119)		90
D60937 (108137)		93
D60939 (108139)		91
D60940 (108140)		81
D60957 (108157)		80
D60977 (108177)		81

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	108119	< 0.5	< 0.5	0.0%	108133	< 0.5	< 0.5	0.0%	108144	< 0.5	< 0.5	0.0%	108158	< 0.5	< 0.5	0.0%
Al	108119	6.95	7.10	2.1%	108133	7.58	7.67	1.2%	108144	7.31	7.53	3.0%	108158	7.60	7.62	0.3%
As	108119	< 1	< 1	0.0%	108133	1	< 1		108144	< 1	< 1	0.0%	108158	< 1	< 1	0.0%
Ba	108119	321	332	3.4%	108133	335	338	0.9%	108144	194	198	2.0%	108158	302	301	0.3%
Be	108119	2.2	2.2	0.0%	108133	0.9	0.9	0.0%	108144	1.1	1.0	9.5%	108158	1.2	1.2	0.0%
Bi	108119	2	3		108133	5	3		108144	< 1	4		108158	3	3	0.0%
Ca	108119	4.18	3.14	28.4%	108133	3.00	2.95	1.7%	108144	2.78	3.10	10.9%	108158	2.59	2.57	0.8%
Cd	108119	2.0	2.1	4.9%	108133	4.16	3.85	7.7%	108144	2.93	3.13	6.6%	108158	< 0.5	< 0.5	0.0%
Ce	108119	53	53	0.0%	108133	46	45	2.2%	108144	47	46	2.2%	108158	43	45	4.5%
Co	108119	5.0	5.5	9.5%	108133	10.1	9.02	11.3%	108144	10.3	10.1	2.0%	108158	5.7	5.6	1.8%
Cr	108119	239	266	10.7%	108133	132	136	3.0%	108144	195	245	22.7%	108158	198	204	3.0%
Cu	108119	9.95	9.51	4.5%	108133	23.8	23.8	0.0%	108144	35.5	38.1	7.1%	108158	7.30	7.03	3.8%
Fe	108119	3.08	3.22	4.4%	108133	2.59	2.63	1.5%	108144	3.17	3.54	11.0%	108158	3.41	3.33	2.4%
Ga	108119	15	16	6.5%	108133	15	14	6.9%	108144	17	17	0.0%	108158	18	18	0.0%
In	108119	< 1	< 1	0.0%	108133	< 1	< 1	0.0%	108144	< 1	< 1	0.0%	108158	< 1	< 1	0.0%
K	108119	1.18	1.20	1.7%	108133	1.55	1.57	1.3%	108144	0.922	0.965	4.6%	108158	1.31	1.31	0.0%
La	108119	23	24	4.3%	108133	21	21	0.0%	108144	21	22	4.7%	108158	21	21	0.0%
Li	108119	50	53	5.8%	108133	26	27	3.8%	108144	32	34	6.1%	108158	40	40	0.0%
Mg	108119	0.586	0.538	8.5%	108133	0.351	0.355	1.1%	108144	0.45	0.48	6.5%	108158	0.57	0.57	0.0%
Mn	108119	3070	3180	3.5%	108133	5890	5890	0.0%	108144	2450	2800	13.3%	108158	731	717	1.9%
Mo	108119	17.2	18.8	8.9%	108133	19.6	18.6	5.2%	108144	15.6	19.3	21.2%	108158	14.1	13.7	2.9%
Na	108119	2.97	3.01	1.3%	108133	1.82	1.81	0.6%	108144	1.85	2.07	11.2%	108158	2.69	2.66	1.1%
Ni	108119	8.3	7.8	6.2%	108133	13.6	13.0	4.5%	108144	10.2	11.5	12.0%	108158	5.9	6.2	5.0%
P	108119	614	600	2.3%	108133	533	509	4.6%	108144	505	528	4.5%	108158	537	556	3.5%
Pb	108119	< 20	< 20	0.0%	108133	< 20	< 20	0.0%	108144	< 20	< 20	0.0%	108158	< 20	< 20	0.0%
Rb	108119	< 50	< 50	0.0%	108133	< 50	< 50	0.0%	108144	< 50	< 50	0.0%	108158	< 50	< 50	0.0%
S	108119	0.20	0.20	0.0%	108133	0.318	0.314	1.3%	108144	0.39	0.40	2.5%	108158	0.074	0.076	2.7%
Sb	108119	2	4		108133	< 1	1		108144	< 1	2		108158	2	2	0.0%
Sc	108119	10	10	0.0%	108133	8	8	0.0%	108144	11	10	9.5%	108158	10	10	0.0%
Se	108119	< 10	< 10	0.0%	108133	< 10	< 10	0.0%	108144	< 10	< 10	0.0%	108158	< 10	< 10	0.0%
Sn	108119	< 5	< 5	0.0%	108133	< 5	< 5	0.0%	108144	< 5	< 5	0.0%	108158	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	108119	141	142	0.7%	108133	186	184	1.1%	108144	135	152	11.8%	108158	144	143	0.7%
Ta	108119	< 10	< 10	0.0%	108133	< 10	< 10	0.0%	108144	< 10	< 10	0.0%	108158	< 10	< 10	0.0%
Te	108119	< 10	< 10	0.0%	108133	< 10	< 10	0.0%	108144	< 10	< 10	0.0%	108158	< 10	< 10	0.0%
Th	108119	12	12	0.0%	108133	9	9	0.0%	108144	8	7	13.3%	108158	8	6	28.6%
Ti	108119	0.19	0.19	0.0%	108133	0.26	0.26	0.0%	108144	0.230	0.267	14.9%	108158	0.26	0.26	0.0%
Tl	108119	< 5	< 5	0.0%	108133	< 5	< 5	0.0%	108144	< 5	< 5	0.0%	108158	< 5	< 5	0.0%
U	108119	< 50	< 50	0.0%	108133	< 50	< 50	0.0%	108144	< 50	< 50	0.0%	108158	< 50	< 50	0.0%
V	108119	25.9	27.1	4.5%	108133	23.4	23.1	1.3%	108144	22.5	23.1	2.6%	108158	23.2	23.0	0.9%
W	108119	< 1	< 1	0.0%	108133	< 1	< 1	0.0%	108144	< 1	< 1	0.0%	108158	< 1	< 1	0.0%
Y	108119	32	33	3.1%	108133	26	26	0.0%	108144	26	27	3.8%	108158	28	29	3.5%
Zn	108119	258	263	1.9%	108133	928	921	0.8%	108144	790	844	6.6%	108158	79.9	79.9	0.0%
Zr	108119	159	167	4.9%	108133	181	181	0.0%	108144	171	180	5.1%	108158	175	184	5.0%

		REPLICATE #5														
Parameter	Sample ID	Original	Replicate	RPD												
Ag	108169	< 0.5	< 0.5	0.0%												
Al	108169	7.93	7.86	0.9%												
As	108169	< 1	< 1	0.0%												
Ba	108169	443	440	0.7%												
Be	108169	1.3	1.3	0.0%												
Bi	108169	5	5	0.0%												
Ca	108169	2.91	2.85	2.1%												
Cd	108169	< 0.5	< 0.5	0.0%												
Ce	108169	44	43	2.3%												
Co	108169	6.81	6.52	4.4%												
Cr	108169	231	174	28.1%												
Cu	108169	20.7	22.4	7.9%												
Fe	108169	3.90	3.76	3.7%												
Ga	108169	19	18	5.4%												
In	108169	< 1	< 1	0.0%												
K	108169	1.43	1.41	1.4%												
La	108169	20	20	0.0%												
Li	108169	42	42	0.0%												
Mg	108169	0.766	0.752	1.8%												
Mn	108169	1050	977	7.2%												



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	108169	16.5	13.0	23.7%												
Na	108169	2.38	2.34	1.7%												
Ni	108169	7.4	6.6	11.4%												
P	108169	747	734	1.8%												
Pb	108169	< 20	< 20	0.0%												
Rb	108169	< 50	< 50	0.0%												
S	108169	0.215	0.223	3.7%												
Sb	108169	1	1	0.0%												
Sc	108169	11	10	9.5%												
Se	108169	< 10	< 10	0.0%												
Sn	108169	< 5	< 5	0.0%												
Sr	108169	287	282	1.8%												
Ta	108169	< 10	< 10	0.0%												
Te	108169	< 10	< 10	0.0%												
Th	108169	5	6	18.2%												
Ti	108169	0.30	0.30	0.0%												
Tl	108169	< 5	< 5	0.0%												
U	108169	< 50	< 50	0.0%												
V	108169	25.1	24.5	2.4%												
W	108169	< 1	< 1	0.0%												
Y	108169	31	30	3.3%												
Zn	108169	89.5	89.3	0.2%												
Zr	108169	172	170	1.2%												

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	108119	0.002	0.002	0.0%	108133	0.004	0.004	0.0%	108144	0.003	0.004	28.6%	108158	0.001	0.001	0.0%
Parameter	REPLICATE #5															
	Sample ID	Original	Replicate	RPD												
Au	108169	0.002	0.005													



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.98	100%	90% - 110%	8.17	8.07	99%	90% - 110%	6.96	6.96	100%	90% - 110%	10.95	10.91	100%	90% - 110%
As					26	24	92%	90% - 110%	124	123	99%	90% - 110%				
Ba	340	314	92%	90% - 110%	540	506	94%	90% - 110%	186	170	91%	90% - 110%	340	312	92%	90% - 110%
Be	2.6	2.6	100%	90% - 110%	4.0	3.5	88%	90% - 110%					2.6	2.7	102%	90% - 110%
Ca	5.72	5.54	97%	90% - 110%	0.907	0.869	96%	90% - 110%	4.01	3.92	98%	90% - 110%	5.72	5.51	96%	90% - 110%
Ce	122	114	93%	90% - 110%	98	91	93%	90% - 110%	24	22	91%	90% - 110%	122	110	90%	90% - 110%
Co									22.1	20.7	94%	90% - 110%				
Cr	12	9	77%	90% - 110%	60.3	62.7	104%	90% - 110%					12	10	85%	90% - 110%
Cu					150	150	100%	90% - 110%	88.6	80.7	91%	90% - 110%				
Fe	4.34	4.02	93%	90% - 110%	3.77	3.5	93%	90% - 110%	7.56	7.19	95%	90% - 110%	4.34	4.01	92%	90% - 110%
Ga	35	34	96%	90% - 110%									35	33	94%	90% - 110%
K	1.37	1.41	103%	90% - 110%					2.021	2.044	101%	90% - 110%	1.37	1.41	103%	90% - 110%
La	58	54	93%	90% - 110%	44	43	97%	90% - 110%					58	54	93%	90% - 110%
Li	37	38	102%	90% - 110%	47	46	99%	90% - 110%					37	38	103%	90% - 110%
Mg	0.325	0.295	91%	90% - 110%	1.10	1.06	96%	90% - 110%	2.412	2.382	99%	90% - 110%	0.325	0.297	91%	90% - 110%
Mn					780	736	94%	90% - 110%	1510	1451	96%	90% - 110%				
Mo					14	13	94%	90% - 110%								
Na	5.267	5.246	100%	90% - 110%	1.624	1.663	102%	90% - 110%	0.617	0.626	101%	90% - 110%	5.267	5.157	98%	90% - 110%
Ni					32	32	99%	90% - 110%	77.1	70.9	92%	90% - 110%				
P					750	754	101%	90% - 110%	892	881	99%	90% - 110%				
Pb					31	26	83%	90% - 110%								
S									0.348	0.331	95%	90% - 110%				
Sb					0.8	0.6	74%	90% - 110%								
Sc	1.1	1	95%	90% - 110%	12	13	106%	90% - 110%					1.1	1.1	96%	90% - 110%
Sr	1191	1203	101%	90% - 110%	144	154	107%	90% - 110%	92.8	92.5	100%	90% - 110%	1191	1175	99%	90% - 110%
Th					18.4	18.8	102%	90% - 110%								
Ti	0.172	0.173	100%	90% - 110%	0.53	0.49	93%	90% - 110%					0.172	0.172	100%	90% - 110%
V					77	78	101%	90% - 110%								
Y	119	125	105%	90% - 110%									119	124	104%	90% - 110%
Zn	93	91	97%	90% - 110%	130	123	94%	90% - 110%	208	196	94%	90% - 110%	93	90	97%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GSP5G)				CRM #3 (ref.GSP7M)				CRM #4 (ref.GS6F)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.27	4.88	93%	90% - 110%	0.562	0.518	92%	90% - 110%	0.725	0.741	102%	90% - 110%	6.87	6.55	95%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00601  
 SAMPLING SITE:

AGAT WORK ORDER: 19T452844  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00603

AGAT WORK ORDER: 19T453224

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: May 01, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.





## Certificate of Analysis

AGAT WORK ORDER: 19T453224

PROJECT: AGAT00603

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 02, 2019

DATE RECEIVED: Apr 03, 2019

DATE REPORTED: May 01, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C69696 (110876)		1.74
C69697 (110877)		2.04
C69698 (110878)		2.04
C69699 (110879)		1.75
C69700 (110880)		1.97
C69701 (110881)		1.85
C69702 (110882)		2.26
C69703 (110883)		1.45
C69704 (110884)		2.15
C69705 (110885)		2.11
C69706 (110886)		0.07
C69707 (110887)		2.11
C69708 (110888)		2.30
C69709 (110889)		2.08
C69710 (110890)		3.06
C69711 (110891)		3.13
C69712 (110892)		1.01
C69713 (110893)		3.05
C69714 (110894)		1.76
C69715 (110895)		3.09
C69716 (110896)		1.68
C69717 (110897)		3.54
C69718 (110898)		3.54
C69719 (110899)		3.14
C69720 (110900)		3.14
C69721 (110901)		1.67
C69722 (110902)		2.17
C69723 (110903)		1.57
C69724 (110904)		3.00
C69725 (110905)		2.73
C69726 (110906)		0.07

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T453224

PROJECT: AGAT00603

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 02, 2019      DATE RECEIVED: Apr 03, 2019      DATE REPORTED: May 01, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C69727 (110907)		1.27
C69728 (110908)		2.10
C69729 (110909)		0.74
C69730 (110910)		2.22
C69731 (110911)		2.21
C69732 (110912)		0.99
C69733 (110913)		3.12
C69734 (110914)		2.93
C69735 (110915)		3.05
C69736 (110916)		3.09
C69737 (110917)		3.19
C69738 (110918)		3.19
C69739 (110919)		1.72
C69740 (110920)		3.15
C69741 (110921)		3.06
C69742 (110922)		3.17
C69743 (110923)		2.49
C69744 (110924)		2.37
C69745 (110925)		1.60
C69746 (110926)		0.07
C69747 (110927)		2.88
C69748 (110928)		3.47
C69749 (110929)		3.14
C69750 (110930)		3.11
C69751 (110931)		3.05
C69752 (110932)		0.87
C69753 (110933)		3.11
C69754 (110934)		2.93
C69755 (110935)		3.15
C69756 (110936)		1.90
C69757 (110937)		1.38

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T453224

PROJECT: AGAT00603

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 02, 2019	DATE RECEIVED: Apr 03, 2019	DATE REPORTED: May 01, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
C69758 (110938)		1.38
C69759 (110939)		0.80
C69760 (110940)		3.33
C69761 (110941)		2.99
C69762 (110942)		3.45
C69763 (110943)		2.70
C69764 (110944)		1.14
C69765 (110945)		2.95
C69766 (110946)		0.07
C69767 (110947)		2.27

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T453224

PROJECT: AGAT00603

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 02, 2019	DATE RECEIVED: Apr 03, 2019		DATE REPORTED: May 01, 2019		SAMPLE TYPE: Drill Core									
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5
C69696 (110876)	<0.5	7.62	<1	194	3.5	7	3.14	<0.5	39	7.8	120	29.3	3.53	19
C69697 (110877)	<0.5	7.65	<1	218	1.0	5	3.02	<0.5	38	6.4	140	13.3	3.48	16
C69698 (110878)	<0.5	7.71	<1	245	1.1	2	3.14	<0.5	39	7.5	143	11.6	3.71	18
C69699 (110879)	<0.5	7.69	<1	331	0.9	2	2.26	<0.5	36	8.1	151	0.5	3.59	17
C69700 (110880)	<0.5	7.82	<1	360	1.0	5	2.03	<0.5	39	8.0	164	16.9	3.69	19
C69701 (110881)	<0.5	7.56	<1	315	1.2	5	1.91	<0.5	38	7.5	167	<0.5	3.60	17
C69702 (110882)	<0.5	7.59	<1	336	1.9	6	1.84	<0.5	36	7.8	243	<0.5	3.61	18
C69703 (110883)	<0.5	7.60	<1	305	1.8	5	1.90	<0.5	39	7.6	159	<0.5	3.47	18
C69704 (110884)	<0.5	7.66	<1	311	1.7	2	1.91	<0.5	34	6.9	145	<0.5	3.51	19
C69705 (110885)	<0.5	7.61	<1	327	2.0	2	1.96	<0.5	38	9.0	186	<0.5	3.74	19
C69706 (110886)	<0.5	7.35	<1	140	<0.5	10	6.44	<0.5	2	37.3	188	154	7.59	24
C69707 (110887)	<0.5	7.60	<1	323	1.9	3	1.83	<0.5	29	8.2	167	1.1	3.89	22
C69708 (110888)	<0.5	7.94	<1	339	1.7	3	2.01	<0.5	35	7.2	157	4.7	3.51	19
C69709 (110889)	<0.5	7.46	<1	426	1.8	2	2.15	<0.5	39	8.6	155	3.3	3.39	18
C69710 (110890)	<0.5	7.68	<1	200	2.6	4	3.01	<0.5	36	7.3	139	11.5	3.42	18
C69711 (110891)	<0.5	7.41	<1	265	3.1	5	3.17	<0.5	38	10.4	178	130	3.40	18
C69712 (110892)	<0.5	0.23	<1	24	<0.5	<1	30.4	<0.5	<1	0.6	11.3	<0.5	0.14	<5
C69713 (110893)	<0.5	7.44	1	494	2.7	3	2.53	<0.5	34	8.6	136	4.3	3.45	19
C69714 (110894)	<0.5	7.55	3	1040	2.5	5	2.42	<0.5	39	7.2	118	<0.5	3.27	18
C69715 (110895)	<0.5	2.37	<1	600	4.1	16	9.01	<0.5	121	46.0	524	107	7.70	26
C69716 (110896)	<0.5	6.26	3	740	3.8	4	4.29	<0.5	55	11.2	96.0	21.0	5.02	21
C69717 (110897)	<0.5	2.47	<1	581	3.9	16	8.56	<0.5	131	43.6	448	114	7.92	24
C69718 (110898)	<0.5	2.55	<1	604	3.6	16	8.41	<0.5	136	43.7	447	114	7.89	24
C69719 (110899)	<0.5	7.24	<1	979	2.4	<1	3.09	<0.5	40	8.7	129	5.3	3.48	17
C69720 (110900)	<0.5	7.68	<1	907	2.1	4	2.91	<0.5	33	8.3	125	<0.5	3.62	18
C69721 (110901)	<0.5	6.99	<1	1350	0.8	1	1.68	<0.5	7	10.1	171	29.2	1.89	14
C69722 (110902)	<0.5	7.14	<1	1590	2.3	2	2.82	<0.5	80	5.9	183	<0.5	3.54	17
C69723 (110903)	<0.5	1.76	17	201	1.4	<1	13.5	<0.5	429	43.5	93.1	22.2	8.93	17
C69724 (110904)	<0.5	7.19	<1	999	2.4	1	3.30	<0.5	69	13.5	164	15.9	4.45	19
C69725 (110905)	<0.5	7.22	<1	811	1.7	5	3.40	<0.5	45	11.6	159	17.7	4.19	18
C69726 (110906)	<0.5	7.47	<1	186	0.5	12	6.15	<0.5	12	34.6	190	107	7.47	24
C69727 (110907)	<0.5	7.21	<1	574	1.2	1	2.40	<0.5	36	7.5	179	4.2	3.44	18

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T453224

PROJECT: AGAT00603

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 02, 2019	DATE RECEIVED: Apr 03, 2019							DATE REPORTED: May 01, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C69728 (110908)	<0.5	7.64	<1	716	1.6	6	3.05	<0.5	51	8.7	198	7.3	3.96	18	
C69729 (110909)	<0.5	4.58	6	596	4.0	16	6.58	<0.5	103	34.7	351	52.6	5.46	21	
C69730 (110910)	<0.5	7.26	<1	745	1.4	4	2.32	<0.5	39	7.0	153	23.4	3.51	16	
C69731 (110911)	<0.5	7.80	<1	552	1.1	5	2.46	<0.5	37	6.0	179	0.9	3.72	16	
C69732 (110912)	<0.5	0.07	<1	16	<0.5	<1	30.2	<0.5	<1	<0.5	7.7	<0.5	0.09	<5	
C69733 (110913)	<0.5	6.54	<1	595	3.8	6	4.11	<0.5	45	17.6	295	18.5	4.41	18	
C69734 (110914)	<0.5	7.65	<1	465	1.2	3	2.58	<0.5	39	6.1	158	34.3	3.48	17	
C69735 (110915)	<0.5	7.65	<1	333	1.1	5	2.73	<0.5	39	7.0	170	<0.5	3.55	18	
C69736 (110916)	<0.5	7.53	<1	238	2.6	4	2.46	<0.5	32	5.6	209	1.1	2.80	19	
C69737 (110917)	<0.5	7.69	<1	266	1.2	3	2.64	<0.5	33	7.1	178	2.4	3.64	18	
C69738 (110918)	<0.5	7.01	<1	253	1.2	4	2.42	<0.5	32	7.8	181	2.1	3.33	18	
C69739 (110919)	<0.5	7.93	<1	782	0.8	<1	1.13	<0.5	7	1.2	163	10.7	1.10	16	
C69740 (110920)	<0.5	7.79	<1	295	1.8	3	2.88	<0.5	38	7.0	234	3.6	3.69	18	
C69741 (110921)	<0.5	7.42	<1	223	2.0	2	2.61	<0.5	34	6.4	195	18.3	3.03	17	
C69742 (110922)	<0.5	7.77	<1	328	1.3	4	2.83	<0.5	40	6.6	231	<0.5	3.65	18	
C69743 (110923)	<0.5	7.52	<1	335	2.6	5	2.84	<0.5	40	7.9	195	3.8	3.25	17	
C69744 (110924)	<0.5	3.54	<1	1630	6.8	24	10.1	<0.5	216	29.7	393	122	7.93	28	
C69745 (110925)	<0.5	3.15	<1	1240	3.4	34	8.72	<0.5	176	36.5	525	118	8.48	26	
C69746 (110926)	<0.5	7.74	<1	189	0.5	13	6.22	<0.5	12	34.8	210	107	7.56	26	
C69747 (110927)	<0.5	7.74	1	390	1.9	4	2.93	<0.5	42	7.3	131	17.3	3.84	17	
C69748 (110928)	<0.5	7.30	<1	440	1.1	8	3.91	<0.5	54	9.4	208	11.1	3.89	18	
C69749 (110929)	<0.5	7.40	<1	330	1.1	3	2.87	<0.5	42	10.5	185	2.3	3.77	18	
C69750 (110930)	<0.5	7.81	<1	261	1.1	5	3.06	<0.5	40	7.7	165	28.8	3.80	18	
C69751 (110931)	<0.5	7.74	<1	294	1.0	4	2.90	<0.5	37	8.0	173	3.7	3.76	19	
C69752 (110932)	<0.5	0.07	1	17	<0.5	<1	31.7	<0.5	<1	<0.5	12.1	<0.5	0.09	<5	
C69753 (110933)	<0.5	7.81	<1	316	1.5	3	2.78	<0.5	40	6.9	189	<0.5	3.57	18	
C69754 (110934)	<0.5	7.43	<1	323	1.9	5	2.66	<0.5	38	8.2	169	15.1	3.79	19	
C69755 (110935)	<0.5	7.59	<1	321	1.5	4	2.73	<0.5	35	7.3	149	5.8	3.69	18	
C69756 (110936)	<0.5	7.89	<1	353	1.5	4	3.05	<0.5	37	8.4	164	0.5	3.82	19	
C69757 (110937)	<0.5	7.37	<1	677	11.5	4	2.85	<0.5	39	7.6	194	2.6	3.90	17	
C69758 (110938)	<0.5	7.37	<1	679	10.2	3	2.83	<0.5	40	8.1	183	2.7	3.92	18	
C69759 (110939)	<0.5	2.21	<1	95	4.0	7	6.64	<0.5	58	58.4	672	73.4	6.92	18	

Certified By:



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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 02, 2019		DATE RECEIVED: Apr 03, 2019					DATE REPORTED: May 01, 2019					SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
C69760 (110940)		<0.5	7.71	<1	331	1.6	5	2.85	<0.5	42	7.3	170	<0.5	3.57	18
C69761 (110941)		<0.5	6.90	<1	448	3.9	4	3.28	<0.5	49	12.8	252	8.4	4.00	18
C69762 (110942)		<0.5	7.69	<1	351	1.9	3	2.73	<0.5	36	5.7	200	<0.5	3.07	18
C69763 (110943)		<0.5	7.21	<1	568	3.3	4	3.78	<0.5	39	14.3	251	120	4.33	19
C69764 (110944)		<0.5	7.00	<1	311	2.4	4	5.29	<0.5	35	29.4	561	1.9	6.71	22
C69765 (110945)		<0.5	7.41	<1	493	9.2	4	3.20	<0.5	43	10.1	210	72.8	3.60	17
C69766 (110946)		<0.5	7.57	<1	191	0.5	15	6.17	<0.5	12	34.5	189	111	7.50	26
C69767 (110947)		<0.5	2.44	<1	536	4.7	23	6.50	<0.5	92	57.7	772	83.8	7.63	21

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 02, 2019

DATE RECEIVED: Apr 03, 2019

DATE REPORTED: May 01, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
C69696 (110876)		<1	0.50	19	8	0.62	637	9.0	3.75	9.3	664	<20	<50	0.03	<1
C69697 (110877)		<1	0.70	18	10	0.64	591	13.9	3.63	8.9	1010	<20	<50	0.02	2
C69698 (110878)		<1	0.74	19	10	0.65	600	13.1	3.80	10.0	1200	<20	<50	0.02	<1
C69699 (110879)		<1	1.30	18	26	0.83	571	13.7	3.53	9.3	631	<20	<50	0.02	2
C69700 (110880)		<1	1.37	19	39	0.80	615	11.9	3.52	9.2	661	<20	<50	0.02	<1
C69701 (110881)		<1	1.33	18	41	0.73	594	14.1	3.43	8.8	591	<20	<50	0.01	1
C69702 (110882)		<1	1.42	18	40	0.74	592	19.0	3.37	10.6	609	<20	<50	0.01	1
C69703 (110883)		<1	1.60	18	32	0.72	619	15.4	3.38	9.3	590	<20	<50	0.02	1
C69704 (110884)		<1	1.74	16	24	0.69	656	11.9	3.79	9.1	593	<20	<50	0.02	1
C69705 (110885)		<1	1.54	18	41	0.99	638	13.9	3.73	24.4	596	<20	<50	0.02	2
C69706 (110886)		<1	0.20	4	12	4.19	1390	1.7	2.31	84.8	396	<20	<50	0.17	3
C69707 (110887)		<1	1.56	14	37	0.81	576	12.1	3.52	9.4	634	<20	<50	0.02	2
C69708 (110888)		<1	1.54	17	33	0.74	534	13.8	3.76	8.8	596	<20	<50	0.02	2
C69709 (110889)		<1	1.74	18	37	0.91	569	10.5	3.80	24.2	836	<20	<50	0.02	<1
C69710 (110890)		<1	0.52	17	10	0.58	550	12.2	3.65	8.2	609	<20	<50	0.02	<1
C69711 (110891)		<1	0.80	19	30	1.11	633	11.0	4.00	48.3	556	<20	<50	0.04	1
C69712 (110892)		<1	0.04	<2	2	1.90	122	0.7	0.12	<0.5	76	<20	<50	0.11	<1
C69713 (110893)		<1	1.47	17	44	0.96	696	10.8	3.88	22.7	495	<20	<50	0.03	1
C69714 (110894)		<1	1.56	19	48	1.06	587	7.6	4.35	15.7	1160	65	<50	0.04	1
C69715 (110895)		<1	2.24	70	61	8.41	1490	2.0	2.04	337	3070	<20	<50	0.18	6
C69716 (110896)		<1	1.76	26	67	3.20	798	3.2	4.59	66.4	1440	<20	<50	0.08	<1
C69717 (110897)		<1	2.34	70	44	7.87	1610	17.2	1.70	301	2920	30	<50	0.23	5
C69718 (110898)		<1	2.48	74	31	7.67	1600	8.0	1.58	292	3230	29	<50	0.20	4
C69719 (110899)		<1	0.91	20	32	1.29	620	8.5	4.45	30.3	1100	<20	<50	0.04	<1
C69720 (110900)		<1	1.18	16	14	0.88	636	8.6	3.91	18.7	743	<20	<50	0.07	<1
C69721 (110901)		<1	5.65	4	8	0.83	354	13.1	2.03	46.1	1090	<20	<50	0.04	<1
C69722 (110902)		<1	1.33	38	19	1.02	698	13.8	4.09	19.8	2420	<20	<50	0.02	<1
C69723 (110903)		<1	2.08	203	2	4.47	2980	2.8	0.37	107	9040	<20	<50	0.23	1
C69724 (110904)		<1	1.63	36	23	1.39	909	9.9	3.28	45.0	726	<20	<50	0.05	1
C69725 (110905)		<1	1.31	23	64	1.47	747	7.7	3.63	39.4	885	<20	<50	0.05	1
C69726 (110906)		<1	0.43	9	11	4.14	1360	2.0	2.39	103	837	<20	<50	0.11	3
C69727 (110907)		<1	1.23	18	29	0.74	622	16.2	2.99	8.2	694	<20	<50	0.02	<1

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ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 02, 2019

DATE RECEIVED: Apr 03, 2019

DATE REPORTED: May 01, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
C69728 (110908)		<1	1.45	25	34	1.40	757	11.8	3.38	25.2	965	<20	<50	0.04	<1
C69729 (110909)		<1	2.31	59	118	5.27	1360	7.8	2.62	162	2030	<20	<50	0.21	3
C69730 (110910)		<1	2.03	19	47	1.15	638	10.4	3.23	18.0	570	<20	<50	0.05	2
C69731 (110911)		<1	1.35	18	40	0.82	586	15.0	3.29	7.7	615	<20	<50	0.02	1
C69732 (110912)		<1	0.01	<2	<1	2.66	115	<0.5	0.04	0.8	66	<20	<50	0.12	<1
C69733 (110913)		<1	1.35	22	55	2.41	871	10.6	3.41	124	876	<20	<50	0.06	2
C69734 (110914)		<1	1.43	18	30	0.81	597	14.6	3.16	7.8	612	<20	<50	0.02	<1
C69735 (110915)		<1	1.24	19	28	0.72	666	11.1	3.27	8.0	607	<20	<50	0.02	1
C69736 (110916)		<1	1.76	16	23	0.61	815	16.2	3.20	7.6	412	<20	<50	0.02	2
C69737 (110917)		<1	1.44	16	37	0.69	685	12.0	3.13	7.4	622	<20	<50	0.02	1
C69738 (110918)		<1	1.30	16	34	0.64	629	14.7	2.83	7.7	645	<20	<50	0.02	3
C69739 (110919)		<1	4.99	3	10	0.24	197	11.2	2.77	3.5	316	<20	<50	0.02	<1
C69740 (110920)		<1	1.25	18	30	0.72	743	16.1	3.28	7.8	624	<20	<50	0.02	3
C69741 (110921)		<1	1.20	16	23	0.60	759	13.7	3.38	7.3	513	<20	<50	0.03	1
C69742 (110922)		<1	1.30	20	21	0.76	722	15.9	3.33	8.2	607	<20	<50	0.02	2
C69743 (110923)		<1	1.16	19	26	0.79	660	11.2	3.68	12.7	583	<20	<50	0.03	1
C69744 (110924)		<1	2.60	124	34	6.63	1530	4.8	1.84	178	3420	<20	<50	0.20	4
C69745 (110925)		<1	2.58	100	59	8.05	1620	2.3	1.60	256	3110	<20	<50	0.23	6
C69746 (110926)		<1	0.45	9	11	4.28	1370	2.0	2.41	103	831	<20	<50	0.11	2
C69747 (110927)		<1	1.34	21	35	0.90	579	12.1	3.83	10.2	663	<20	<50	0.03	<1
C69748 (110928)		<1	1.29	28	30	1.28	661	14.6	2.97	20.4	1260	<20	<50	0.04	2
C69749 (110929)		<1	1.22	20	38	1.32	651	11.5	3.32	44.9	783	<20	<50	0.03	1
C69750 (110930)		<1	1.14	19	28	0.81	764	13.1	3.32	8.6	617	28	<50	0.03	1
C69751 (110931)		<1	1.48	18	28	0.84	727	13.4	3.18	9.0	610	<20	<50	0.03	<1
C69752 (110932)		<1	0.01	<2	2	2.07	117	0.6	0.04	0.6	80	<20	<50	0.11	<1
C69753 (110933)		<1	1.31	20	36	0.81	649	13.5	3.13	7.6	589	<20	<50	0.02	<1
C69754 (110934)		<1	1.41	19	23	0.79	657	12.1	3.29	8.4	601	<20	<50	0.02	2
C69755 (110935)		<1	1.61	17	22	0.80	638	13.0	3.34	8.5	766	<20	<50	0.02	1
C69756 (110936)		<1	1.47	18	29	1.02	686	12.0	3.49	15.4	670	<20	<50	0.03	1
C69757 (110937)		<1	1.55	19	38	1.33	647	12.2	4.14	27.0	1230	<20	<50	0.04	<1
C69758 (110938)		<1	1.56	19	38	1.32	648	9.9	4.12	27.3	1250	<20	<50	0.04	1
C69759 (110939)		<1	1.85	30	87	8.60	1290	3.1	2.97	555	80	<20	<50	0.15	8

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 02, 2019

DATE RECEIVED: Apr 03, 2019

DATE REPORTED: May 01, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
C69760 (110940)		<1	1.31	20	24	0.85	612	10.9	3.33	10.8	715	<20	<50	0.02	1
C69761 (110941)		<1	1.65	24	54	1.87	694	12.3	3.49	58.2	605	<20	<50	0.04	2
C69762 (110942)		<1	1.29	18	23	0.74	697	13.7	3.30	8.1	512	<20	<50	0.02	1
C69763 (110943)		<1	1.67	19	46	2.11	755	11.4	3.59	53.8	737	<20	<50	0.06	2
C69764 (110944)		<1	1.14	15	41	4.73	1610	8.5	2.79	129	841	<20	<50	0.02	7
C69765 (110945)		<1	1.33	21	29	1.18	581	14.0	3.80	25.8	951	<20	<50	0.05	2
C69766 (110946)		<1	0.43	9	11	4.18	1370	1.8	2.40	103	816	<20	<50	0.10	1
C69767 (110947)		<1	1.84	51	31	11.2	1330	3.0	2.10	592	1390	<20	<50	0.15	9

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 02, 2019	DATE RECEIVED: Apr 03, 2019					DATE REPORTED: May 01, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
C69696 (110876)	11	<10	<5	152	<10	<10	8	0.32	<5	<50	43.1	<1	26	73.8	
C69697 (110877)	10	<10	<5	158	<10	<10	7	0.30	<5	<50	39.6	<1	23	101	
C69698 (110878)	11	<10	<5	168	<10	<10	8	0.32	<5	<50	43.6	<1	24	105	
C69699 (110879)	11	<10	<5	133	<10	<10	8	0.32	<5	<50	42.9	<1	22	71.2	
C69700 (110880)	12	<10	<5	153	<10	<10	7	0.34	<5	<50	44.5	<1	24	74.0	
C69701 (110881)	11	<10	<5	163	<10	<10	6	0.33	<5	<50	42.3	<1	22	68.2	
C69702 (110882)	11	<10	<5	165	<10	<10	7	0.31	<5	<50	42.9	<1	23	64.8	
C69703 (110883)	10	<10	<5	167	<10	<10	9	0.29	<5	<50	40.6	<1	23	62.3	
C69704 (110884)	9	<10	<5	167	<10	<10	9	0.27	<5	<50	38.2	<1	22	61.3	
C69705 (110885)	11	<10	<5	164	<10	<10	9	0.32	<5	<50	45.0	<1	20	73.4	
C69706 (110886)	45	<10	<5	108	<10	<10	<5	0.67	<5	<50	303	<1	24	77.8	
C69707 (110887)	9	<10	<5	131	<10	<10	7	0.33	<5	<50	45.6	<1	14	77.3	
C69708 (110888)	8	<10	<5	144	<10	<10	7	0.30	<5	<50	44.1	<1	15	62.1	
C69709 (110889)	10	<10	<5	161	<10	<10	11	0.30	<5	<50	43.4	<1	16	77.8	
C69710 (110890)	11	<10	<5	129	<10	<10	6	0.31	<5	<50	40.8	<1	26	57.8	
C69711 (110891)	11	<10	<5	166	<10	<10	9	0.34	<5	<50	50.1	<1	22	59.4	
C69712 (110892)	<1	<10	<5	69	<10	<10	<5	0.01	<5	<50	1.8	<1	3	3.4	
C69713 (110893)	10	<10	<5	143	<10	<10	8	0.27	<5	<50	40.1	<1	19	76.4	
C69714 (110894)	9	<10	<5	200	<10	<10	12	0.27	<5	<50	45.4	<1	15	72.5	
C69715 (110895)	23	<10	<5	973	<10	<10	11	1.19	<5	<50	252	<1	35	62.8	
C69716 (110896)	14	<10	<5	397	<10	<10	20	0.48	<5	<50	110	<1	26	22.0	
C69717 (110897)	28	<10	<5	908	<10	<10	16	1.30	<5	<50	267	<1	32	50.6	
C69718 (110898)	28	<10	<5	878	<10	<10	21	1.37	<5	<50	283	<1	33	47.1	
C69719 (110899)	12	<10	<5	243	<10	<10	11	0.26	<5	<50	76.4	<1	17	33.8	
C69720 (110900)	9	<10	<5	164	<10	<10	8	0.28	<5	<50	41.5	<1	19	46.9	
C69721 (110901)	3	<10	<5	166	<10	<10	5	0.16	<5	<50	18.9	<1	4	15.0	
C69722 (110902)	10	<10	<5	315	<10	<10	19	0.20	<5	<50	44.5	<1	25	32.5	
C69723 (110903)	26	<10	<5	1350	<10	<10	94	0.29	<5	<50	139	<1	60	66.8	
C69724 (110904)	11	<10	<5	241	<10	<10	14	0.25	<5	<50	42.9	<1	18	63.6	
C69725 (110905)	12	<10	<5	273	<10	<10	9	0.36	<5	<50	58.1	<1	19	54.7	
C69726 (110906)	34	<10	<5	243	<10	<10	<5	0.86	<5	<50	236	<1	24	88.5	
C69727 (110907)	11	<10	<5	148	<10	<10	8	0.29	<5	<50	33.5	<1	23	74.6	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T453224

PROJECT: AGAT00603

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 02, 2019

DATE RECEIVED: Apr 03, 2019

DATE REPORTED: May 01, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
C69728 (110908)	11	<10	<5	242	<10	<10	8	0.44	<5	<50	54.4	<1	27	71.7
C69729 (110909)	19	<10	<5	672	<10	<10	16	0.99	<5	<50	174	<1	27	51.0
C69730 (110910)	10	<10	<5	176	<10	<10	8	0.32	<5	<50	41.0	<1	18	50.1
C69731 (110911)	10	<10	<5	158	<10	<10	5	0.32	<5	<50	33.1	<1	23	72.7
C69732 (110912)	<1	<10	<5	66	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	2.6
C69733 (110913)	15	<10	<5	276	<10	<10	10	0.42	<5	<50	73.9	<1	29	78.8
C69734 (110914)	11	<10	<5	146	<10	<10	6	0.31	<5	<50	35.7	<1	22	102
C69735 (110915)	10	<10	<5	146	<10	<10	8	0.30	<5	<50	37.5	<1	22	86.8
C69736 (110916)	9	<10	<5	130	<10	<10	9	0.24	<5	<50	31.8	<1	26	178
C69737 (110917)	10	<10	<5	142	<10	<10	6	0.31	<5	<50	40.1	<1	24	91.9
C69738 (110918)	10	<10	<5	129	<10	<10	8	0.28	<5	<50	40.6	<1	24	88.0
C69739 (110919)	2	<10	<5	119	<10	<10	5	0.08	<5	<50	10.2	<1	11	50.2
C69740 (110920)	11	<10	<5	146	<10	<10	7	0.31	<5	<50	40.2	<1	27	137
C69741 (110921)	10	<10	<5	126	<10	<10	6	0.25	<5	<50	33.2	<1	25	115
C69742 (110922)	10	<10	<5	159	<10	<10	7	0.31	<5	<50	36.7	<1	26	133
C69743 (110923)	10	<10	<5	179	<10	<10	9	0.31	<5	<50	40.6	<1	23	78.4
C69744 (110924)	30	<10	<5	1250	<10	<10	28	1.85	<5	<50	273	<1	43	105
C69745 (110925)	26	<10	<5	903	<10	<10	14	2.12	<5	<50	293	<1	32	86.0
C69746 (110926)	35	<10	<5	245	<10	<10	<5	0.87	<5	<50	238	<1	24	90.1
C69747 (110927)	12	<10	<5	189	<10	<10	9	0.34	<5	<50	50.0	<1	23	63.1
C69748 (110928)	12	<10	<5	357	<10	<10	8	0.45	<5	<50	60.2	<1	28	63.1
C69749 (110929)	11	<10	<5	173	<10	<10	9	0.37	<5	<50	48.4	<1	26	75.4
C69750 (110930)	11	<10	<5	165	<10	<10	7	0.33	<5	<50	43.2	<1	25	106
C69751 (110931)	11	<10	<5	157	<10	<10	7	0.33	<5	<50	42.1	<1	23	78.7
C69752 (110932)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	3.3
C69753 (110933)	11	<10	<5	155	<10	<10	7	0.33	<5	<50	40.7	<1	26	82.6
C69754 (110934)	12	<10	<5	152	<10	<10	9	0.32	<5	<50	44.6	<1	23	115
C69755 (110935)	11	<10	<5	161	<10	<10	10	0.33	<5	<50	47.4	<1	23	104
C69756 (110936)	11	<10	<5	176	<10	<10	9	0.35	<5	<50	47.7	<1	26	88.4
C69757 (110937)	13	<10	<5	241	<10	<10	13	0.41	<5	<50	54.2	<1	27	73.0
C69758 (110938)	13	<10	<5	239	<10	<10	13	0.40	<5	<50	54.8	<1	27	72.7
C69759 (110939)	17	<10	<5	432	<10	<10	<5	0.64	<5	<50	185	<1	30	70.3

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T453224

PROJECT: AGAT00603

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 02, 2019	DATE RECEIVED: Apr 03, 2019					DATE REPORTED: May 01, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
C69760 (110940)	13	<10	<5	157	<10	<10	9	0.33	<5	<50	44.0	<1	29	67.8	
C69761 (110941)	16	<10	<5	215	<10	<10	10	0.39	<5	<50	71.6	<1	26	68.3	
C69762 (110942)	11	<10	<5	184	<10	<10	10	0.29	<5	<50	39.9	<1	26	68.6	
C69763 (110943)	16	<10	<5	272	<10	<10	9	0.42	<5	<50	80.6	<1	27	89.8	
C69764 (110944)	29	<10	<5	162	<10	<10	<5	0.36	<5	<50	167	<1	35	225	
C69765 (110945)	13	<10	<5	252	<10	<10	16	0.37	<5	<50	51.1	<1	30	207	
C69766 (110946)	34	<10	<5	243	<10	<10	<5	0.86	<5	<50	236	<1	24	90.1	
C69767 (110947)	23	<10	<5	578	<10	<10	7	1.33	<5	<50	209	<1	29	67.4	

Certified By:



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AGAT WORK ORDER: 19T453224

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 02, 2019      DATE RECEIVED: Apr 03, 2019      DATE REPORTED: May 01, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C69696 (110876)				159
C69697 (110877)				156
C69698 (110878)				158
C69699 (110879)				176
C69700 (110880)				173
C69701 (110881)				172
C69702 (110882)				169
C69703 (110883)				176
C69704 (110884)				167
C69705 (110885)				175
C69706 (110886)				57
C69707 (110887)				176
C69708 (110888)				171
C69709 (110889)				173
C69710 (110890)				142
C69711 (110891)				139
C69712 (110892)				<5
C69713 (110893)				128
C69714 (110894)				123
C69715 (110895)				103
C69716 (110896)				204
C69717 (110897)				109
C69718 (110898)				120
C69719 (110899)				111
C69720 (110900)				111
C69721 (110901)				20
C69722 (110902)				121
C69723 (110903)				23
C69724 (110904)				113
C69725 (110905)				128
C69726 (110906)				92
C69727 (110907)				155

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## Certificate of Analysis

AGAT WORK ORDER: 19T453224

PROJECT: AGAT00603

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 02, 2019      DATE RECEIVED: Apr 03, 2019      DATE REPORTED: May 01, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C69728 (110908)				185
C69729 (110909)				165
C69730 (110910)				122
C69731 (110911)				156
C69732 (110912)				<5
C69733 (110913)				185
C69734 (110914)				155
C69735 (110915)				157
C69736 (110916)				129
C69737 (110917)				159
C69738 (110918)				151
C69739 (110919)				46
C69740 (110920)				146
C69741 (110921)				128
C69742 (110922)				151
C69743 (110923)				159
C69744 (110924)				174
C69745 (110925)				202
C69746 (110926)				93
C69747 (110927)				156
C69748 (110928)				198
C69749 (110929)				175
C69750 (110930)				158
C69751 (110931)				176
C69752 (110932)				<5
C69753 (110933)				168
C69754 (110934)				179
C69755 (110935)				167
C69756 (110936)				169
C69757 (110937)				211
C69758 (110938)				218
C69759 (110939)				195

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## Certificate of Analysis

AGAT WORK ORDER: 19T453224

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 02, 2019

DATE RECEIVED: Apr 03, 2019

DATE REPORTED: May 01, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
C69760 (110940)	172
C69761 (110941)	193
C69762 (110942)	152
C69763 (110943)	180
C69764 (110944)	104
C69765 (110945)	314
C69766 (110946)	93
C69767 (110947)	231

Comments: RDL - Reported Detection Limit

110876-110947 As, Sb values may be low due to digestion losses.

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T453224

PROJECT: AGAT00603

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 02, 2019

DATE RECEIVED: Apr 03, 2019

DATE REPORTED: May 01, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
C69696 (110876)		0.002	
C69697 (110877)		0.003	
C69698 (110878)		0.003	
C69699 (110879)		0.002	
C69700 (110880)		0.004	
C69701 (110881)		0.004	
C69702 (110882)		0.002	
C69703 (110883)		0.002	
C69704 (110884)		0.001	
C69705 (110885)		0.003	
C69706 (110886)		0.523	
C69707 (110887)		0.002	
C69708 (110888)		0.006	
C69709 (110889)		0.001	
C69710 (110890)		0.002	
C69711 (110891)		0.002	
C69712 (110892)		<0.001	
C69713 (110893)		0.001	
C69714 (110894)		<0.001	
C69715 (110895)		0.003	
C69716 (110896)		0.001	
C69717 (110897)		0.001	
C69718 (110898)		0.001	
C69719 (110899)		0.002	
C69720 (110900)		0.002	
C69721 (110901)		0.001	
C69722 (110902)		0.002	
C69723 (110903)		0.005	
C69724 (110904)		0.002	
C69725 (110905)		0.003	
C69726 (110906)		0.322	
C69727 (110907)		0.003	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T453224

PROJECT: AGAT00603

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 02, 2019      DATE RECEIVED: Apr 03, 2019      DATE REPORTED: May 01, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C69728 (110908)			0.005
C69729 (110909)			0.004
C69730 (110910)			0.011
C69731 (110911)			0.002
C69732 (110912)			0.004
C69733 (110913)			0.003
C69734 (110914)			0.003
C69735 (110915)			0.002
C69736 (110916)			0.004
C69737 (110917)			0.004
C69738 (110918)			0.003
C69739 (110919)			0.002
C69740 (110920)			0.002
C69741 (110921)			0.003
C69742 (110922)			0.001
C69743 (110923)			0.001
C69744 (110924)			0.002
C69745 (110925)			0.002
C69746 (110926)			0.340
C69747 (110927)			0.003
C69748 (110928)			0.002
C69749 (110929)			0.002
C69750 (110930)			0.004
C69751 (110931)			0.001
C69752 (110932)			0.001
C69753 (110933)			<0.001
C69754 (110934)			0.003
C69755 (110935)			0.001
C69756 (110936)			0.001
C69757 (110937)			0.001
C69758 (110938)			<0.001
C69759 (110939)			0.001

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T453224

PROJECT: AGAT00603

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 02, 2019

DATE RECEIVED: Apr 03, 2019

DATE REPORTED: May 01, 2019

SAMPLE TYPE: Drill Core

Analyte:	Au
Unit:	ppm
RDL:	0.001
Sample ID (AGAT ID)	
C69760 (110940)	<0.001
C69761 (110941)	0.003
C69762 (110942)	0.003
C69763 (110943)	0.003
C69764 (110944)	0.002
C69765 (110945)	0.003
C69766 (110946)	0.346
C69767 (110947)	0.003

Comments: RDL - Reported Detection Limit

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T453224

PROJECT: AGAT00603

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 02, 2019

DATE RECEIVED: Apr 03, 2019

DATE REPORTED: May 01, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
C69696 (110876)		85
C69714 (110894)		82
C69715 (110895)		87
C69733 (110913)		86
C69735 (110915)		84
C69755 (110935)		87

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	110876	< 0.5	< 0.5	0.0%	110890	< 0.5	< 0.5	0.0%	110901	< 0.5	< 0.5	0.0%	110915	< 0.5	< 0.5	0.0%
Al	110876	7.62	7.14	6.5%	110890	7.68	7.75	0.9%	110901	6.99	6.96	0.4%	110915	7.65	7.53	1.6%
As	110876	< 1	< 1	0.0%	110890	< 1	< 1	0.0%	110901	< 1	< 1	0.0%	110915	< 1	< 1	0.0%
Ba	110876	194	187	3.7%	110890	200	200	0.0%	110901	1350	1340	0.7%	110915	333	329	1.2%
Be	110876	3.5	3.3	5.9%	110890	2.6	2.6	0.0%	110901	0.8	0.8	0.0%	110915	1.1	1.0	9.5%
Bi	110876	7	5		110890	4	3	28.6%	110901	1	< 1		110915	5	3	
Ca	110876	3.14	3.06	2.6%	110890	3.01	3.00	0.3%	110901	1.68	1.72	2.4%	110915	2.73	2.74	0.4%
Cd	110876	< 0.5	< 0.5	0.0%	110890	< 0.5	< 0.5	0.0%	110901	< 0.5	< 0.5	0.0%	110915	< 0.5	< 0.5	0.0%
Ce	110876	39	38	2.6%	110890	36	38	5.4%	110901	7	8	13.3%	110915	39	36	8.0%
Co	110876	7.8	8.0	2.5%	110890	7.33	7.59	3.5%	110901	10.1	10.1	0.0%	110915	7.01	6.04	14.9%
Cr	110876	120	127	5.7%	110890	139	128	8.2%	110901	171	135	23.5%	110915	170	124	
Cu	110876	29.3	29.2	0.3%	110890	11.5	11.2	2.6%	110901	29.2	31.8	8.5%	110915	< 0.5	< 0.5	0.0%
Fe	110876	3.53	3.44	2.6%	110890	3.42	3.51	2.6%	110901	1.89	1.91	1.1%	110915	3.55	3.55	0.0%
Ga	110876	19	19	0.0%	110890	18	19	5.4%	110901	14	14	0.0%	110915	18	17	5.7%
In	110876	< 1	< 1	0.0%	110890	< 1	< 1	0.0%	110901	< 1	< 1	0.0%	110915	< 1	< 1	0.0%
K	110876	0.497	0.462	7.3%	110890	0.52	0.52	0.0%	110901	5.65	5.22	7.9%	110915	1.24	1.22	1.6%
La	110876	19	18	5.4%	110890	17	19	11.1%	110901	4	4	0.0%	110915	19	18	5.4%
Li	110876	8	8	0.0%	110890	10	10	0.0%	110901	8	8	0.0%	110915	28	28	0.0%
Mg	110876	0.62	0.58	6.7%	110890	0.58	0.58	0.0%	110901	0.83	0.83	0.0%	110915	0.72	0.71	1.4%
Mn	110876	637	591	7.5%	110890	550	551	0.2%	110901	354	360	1.7%	110915	666	657	1.4%
Mo	110876	9.0	9.4	4.3%	110890	12.2	12.4	1.6%	110901	13.1	9.8	28.8%	110915	11.1	10.1	9.4%
Na	110876	3.75	3.66	2.4%	110890	3.65	3.63	0.5%	110901	2.03	2.06	1.5%	110915	3.27	3.26	0.3%
Ni	110876	9.3	8.2	12.6%	110890	8.2	8.4	2.4%	110901	46.1	46.2	0.2%	110915	8.0	7.2	10.5%
P	110876	664	634	4.6%	110890	609	597	2.0%	110901	1090	1100	0.9%	110915	607	568	6.6%
Pb	110876	< 20	< 20	0.0%	110890	< 20	< 20	0.0%	110901	< 20	< 20	0.0%	110915	< 20	< 20	0.0%
Rb	110876	< 50	< 50	0.0%	110890	< 50	< 50	0.0%	110901	< 50	< 50	0.0%	110915	< 50	< 50	0.0%
S	110876	0.03	0.03	0.0%	110890	0.02	0.02	0.0%	110901	0.04	0.04	0.0%	110915	0.02	0.02	0.0%
Sb	110876	< 1	1		110890	< 1	1		110901	< 1	< 1	0.0%	110915	1	1	0.0%
Sc	110876	11	11	0.0%	110890	11	11	0.0%	110901	3	4	28.6%	110915	10	9	10.5%
Se	110876	< 10	< 10	0.0%	110890	< 10	< 10	0.0%	110901	< 10	< 10	0.0%	110915	< 10	< 10	0.0%
Sn	110876	< 5	< 5	0.0%	110890	< 5	< 5	0.0%	110901	< 5	< 5	0.0%	110915	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	110876	152	140	8.2%	110890	129	129	0.0%	110901	166	169	1.8%	110915	146	146	0.0%
Ta	110876	< 10	< 10	0.0%	110890	< 10	< 10	0.0%	110901	< 10	< 10	0.0%	110915	< 10	< 10	0.0%
Te	110876	< 10	< 10	0.0%	110890	< 10	< 10	0.0%	110901	< 10	< 10	0.0%	110915	< 10	< 10	0.0%
Th	110876	8	7	13.3%	110890	6	7	15.4%	110901	5	6	18.2%	110915	8	6	28.6%
Ti	110876	0.317	0.305	3.9%	110890	0.306	0.297	3.0%	110901	0.155	0.153	1.3%	110915	0.30	0.30	0.0%
Tl	110876	< 5	< 5	0.0%	110890	< 5	< 5	0.0%	110901	< 5	< 5	0.0%	110915	< 5	< 5	0.0%
U	110876	< 50	< 50	0.0%	110890	< 50	< 50	0.0%	110901	< 50	< 50	0.0%	110915	< 50	< 50	0.0%
V	110876	43.1	42.5	1.4%	110890	40.8	43.6	6.6%	110901	18.9	19.0	0.5%	110915	37.5	34.6	8.0%
W	110876	< 1	< 1	0.0%	110890	< 1	< 1	0.0%	110901	< 1	< 1	0.0%	110915	< 1	< 1	0.0%
Y	110876	26	26	0.0%	110890	26	26	0.0%	110901	4	4	0.0%	110915	22	21	4.7%
Zn	110876	73.8	73.4	0.5%	110890	57.8	57.9	0.2%	110901	15.0	16.0	6.5%	110915	86.8	87.5	0.8%
Zr	110876	159	148	7.2%	110890	142	139	2.1%	110901	20	18	10.5%	110915	157	143	9.3%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	110927	< 0.5	< 0.5	0.0%	110940	< 0.5	< 0.5	0.0%								
Al	110927	7.74	7.53	2.8%	110940	7.71	7.69	0.3%								
As	110927	1	< 1		110940	< 1	< 1	0.0%								
Ba	110927	390	386	1.0%	110940	331	330	0.3%								
Be	110927	1.9	1.9	0.0%	110940	1.6	1.6	0.0%								
Bi	110927	4	5	22.2%	110940	5	5	0.0%								
Ca	110927	2.93	2.86	2.4%	110940	2.85	2.88	1.0%								
Cd	110927	< 0.5	< 0.5	0.0%	110940	< 0.5	< 0.5	0.0%								
Ce	110927	42	43	2.4%	110940	42	41	2.4%								
Co	110927	7.33	7.91	7.6%	110940	7.29	7.11	2.5%								
Cr	110927	131	132	0.8%	110940	170	159	6.7%								
Cu	110927	17.3	16.0	7.8%	110940	< 0.5	< 0.5	0.0%								
Fe	110927	3.84	3.75	2.4%	110940	3.57	3.60	0.8%								
Ga	110927	17	18	5.7%	110940	18	17	5.7%								
In	110927	< 1	< 1	0.0%	110940	< 1	< 1	0.0%								
K	110927	1.34	1.30	3.0%	110940	1.31	1.31	0.0%								
La	110927	21	21	0.0%	110940	20	19	5.1%								
Li	110927	35	35	0.0%	110940	24	24	0.0%								
Mg	110927	0.895	0.870	2.8%	110940	0.85	0.85	0.0%								
Mn	110927	579	568	1.9%	110940	612	611	0.2%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	110927	12.1	10.4	15.1%	110940	10.9	11.0	0.9%								
Na	110927	3.83	3.74	2.4%	110940	3.33	3.35	0.6%								
Ni	110927	10.2	10.5	2.9%	110940	10.8	10.8	0.0%								
P	110927	663	673	1.5%	110940	715	702	1.8%								
Pb	110927	< 20	< 20	0.0%	110940	< 20	< 20	0.0%								
Rb	110927	< 50	< 50	0.0%	110940	< 50	< 50	0.0%								
S	110927	0.03	0.03	0.0%	110940	0.02	0.02	0.0%								
Sb	110927	< 1	2		110940	1	< 1									
Sc	110927	12	12	0.0%	110940	13	13	0.0%								
Se	110927	< 10	< 10	0.0%	110940	< 10	< 10	0.0%								
Sn	110927	< 5	< 5	0.0%	110940	< 5	< 5	0.0%								
Sr	110927	189	184	2.7%	110940	157	158	0.6%								
Ta	110927	< 10	< 10	0.0%	110940	< 10	< 10	0.0%								
Te	110927	< 10	< 10	0.0%	110940	< 10	< 10	0.0%								
Th	110927	9	10	10.5%	110940	9	8	11.8%								
Ti	110927	0.341	0.332	2.7%	110940	0.33	0.33	0.0%								
Tl	110927	< 5	< 5	0.0%	110940	< 5	< 5	0.0%								
U	110927	< 50	< 50	0.0%	110940	< 50	< 50	0.0%								
V	110927	50.0	51.2	2.4%	110940	44.0	43.8	0.5%								
W	110927	< 1	< 1	0.0%	110940	< 1	< 1	0.0%								
Y	110927	23	24	4.3%	110940	29	29	0.0%								
Zn	110927	63.1	60.3	4.5%	110940	67.8	68.5	1.0%								
Zr	110927	156	168	7.4%	110940	172	174	1.2%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	110876	0.002	0.002	0.0%	110890	0.002	0.002	0.0%	110901	0.001	0.002		110915	0.002	0.008	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	110927	0.003	0.003	0.0%	110940	< 0.001	0.002									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	11.13	102%	90% - 110%	8.17	8.27	101%	90% - 110%	6.96	7.11	102%	90% - 110%	10.95	11.08	101%	90% - 110%
As					26	23	88%	90% - 110%	124	115	93%	90% - 110%				
Ba	340	331	97%	90% - 110%	540	526	97%	90% - 110%	186	183	98%	90% - 110%	340	337	99%	90% - 110%
Be	2.6	2.6	102%	90% - 110%	4.0	3.4	84%	90% - 110%					2.6	2.7	105%	90% - 110%
Ca	5.72	5.4	94%	90% - 110%	0.907	0.874	96%	90% - 110%	4.01	3.88	97%	90% - 110%	5.72	5.35	94%	90% - 110%
Ce	122	112	92%	90% - 110%	98	90.6	92%	90% - 110%	24	21.6	90%	90% - 110%	122	110	90%	90% - 110%
Co									22.1	20.3	91%	90% - 110%				
Cr	12	9	77%	90% - 110%	60.3	60.6	100%	90% - 110%					12	10	80%	90% - 110%
Cu					150	154	103%	90% - 110%	88.6	86.9	98%	90% - 110%				
Fe	4.34	3.98	92%	90% - 110%	3.77	3.57	95%	90% - 110%	7.56	7.24	96%	90% - 110%	4.34	3.98	92%	90% - 110%
Ga	35	35	101%	90% - 110%									35	35	100%	90% - 110%
K	1.37	1.44	105%	90% - 110%					2.021	2.067	102%	90% - 110%	1.37	1.44	105%	90% - 110%
La	58	55	95%	90% - 110%	44	43	98%	90% - 110%					58	55	95%	90% - 110%
Li	37	39	107%	90% - 110%	47	48	101%	90% - 110%					37	40	108%	90% - 110%
Mg	0.325	0.298	92%	90% - 110%	1.10	1.07	97%	90% - 110%	2.412	2.388	99%	90% - 110%	0.325	0.298	92%	90% - 110%
Mn					780	756	97%	90% - 110%	1510	1505	100%	90% - 110%				
Mo					14	13	90%	90% - 110%								
Na	5.267	5.407	103%	90% - 110%	1.624	1.691	104%	90% - 110%	0.617	0.645	104%	90% - 110%	5.267	5.27	100%	90% - 110%
Ni					32	31	98%	90% - 110%	77.1	73.4	95%	90% - 110%				
P					750	709	94%	90% - 110%	892	870	98%	90% - 110%				
Pb					31	24	78%	90% - 110%								
S									0.348	0.347	100%	90% - 110%				
Sb					0.8	0.8	100%	90% - 110%								
Sc	1.1	1.1	97%	90% - 110%	12	13	105%	90% - 110%					1.1	1	93%	90% - 110%
Sr	1191	1143	96%	90% - 110%	144	144	100%	90% - 110%	92.8	88.1	95%	90% - 110%	1191	1114	94%	90% - 110%
Th					18.4	19.4	106%	90% - 110%								
Ti	0.172	0.171	100%	90% - 110%	0.53	0.48	91%	90% - 110%					0.172	0.166	97%	90% - 110%
V					77	78	101%	90% - 110%								
Y	119	130	109%	90% - 110%									119	127	107%	90% - 110%
Zn	93	93	100%	90% - 110%	130	125	96%	90% - 110%	208	212	102%	90% - 110%	93	93	100%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS5W)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.61	96%	90% - 110%	0.725	0.714	98%	90% - 110%	5.27	5.32	101%	90% - 110%	1.32	1.34	101%	90% - 110%



## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00603  
 SAMPLING SITE:

AGAT WORK ORDER: 19T453224  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00604

AGAT WORK ORDER: 19T453236

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Apr 26, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T453236

PROJECT: AGAT00604

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 02, 2019

DATE RECEIVED: Apr 03, 2019

DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C69768 (110962)		2.92
C69769 (110963)		2.87
C69770 (110964)		2.20
C69771 (110965)		1.14
C69772 (110966)		0.98
C69773 (110967)		3.08
C69774 (110968)		1.75
C69775 (110969)		1.82
C69776 (110970)		2.40
C69777 (110971)		1.32
C69778 (110972)		1.32
C69779 (110973)		1.16
C69780 (110974)		0.97
C69781 (110975)		3.33
C69782 (110976)		1.37
C69783 (110977)		0.98
C69784 (110978)		2.99
C69785 (110979)		2.19
C69786 (110980)		0.07
C69787 (110981)		0.98
C69788 (110982)		3.00
C69789 (110983)		2.65
C69790 (110984)		3.15
C69791 (110985)		3.13
C69792 (110986)		1.01
C69793 (110987)		2.59
C69794 (110988)		2.90
C69795 (110989)		2.79
C69796 (110990)		0.94
C69797 (110991)		1.33
C69798 (110992)		1.33

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T453236

PROJECT: AGAT00604

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 02, 2019      DATE RECEIVED: Apr 03, 2019      DATE REPORTED: Apr 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C69799 (110993)		2.03
C69800 (110994)		2.58
C69801 (110995)		1.71
C69802 (110996)		1.13
C69803 (110997)		2.50
C69804 (110998)		3.22
C69805 (110999)		0.81
C69806 (111000)		0.07
C69807 (111001)		3.13
C69808 (111002)		2.45
C69809 (111003)		3.27
C69810 (111004)		2.29
C69811 (111005)		3.06
C69812 (111006)		0.92
C69813 (111007)		3.26
C69814 (111008)		2.98
C69815 (111009)		3.09
C69816 (111010)		3.08
C69817 (111011)		3.17
C69818 (111012)		3.17
C69819 (111013)		2.69
C69820 (111014)		1.89
C69821 (111015)		2.51
C69822 (111016)		0.74
C69823 (111017)		3.02
C69824 (111018)		1.49
C69825 (111019)		1.03
C69826 (111020)		0.07
C69827 (111021)		2.24
C69828 (111022)		3.08
C69829 (111023)		3.07

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T453236

PROJECT: AGAT00604

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 02, 2019

DATE RECEIVED: Apr 03, 2019

DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
C69830 (111024)		2.86
C69831 (111025)		2.26
C69832 (111026)		1.00
C69833 (111027)		0.91
C69834 (111028)		3.10
C69835 (111029)		2.15
C69836 (111030)		1.70
C69837 (111031)		2.64
C69838 (111032)		2.64
C69839 (111033)		3.16

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 02, 2019	DATE RECEIVED: Apr 03, 2019					DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C69768 (110962)	<0.5	7.58	<1	485	3.5	4	2.89	<0.5	43	6.3	17.7	<0.5	3.78	17	
C69769 (110963)	<0.5	7.87	<1	328	1.3	6	2.88	<0.5	40	7.9	14.4	<0.5	3.81	18	
C69770 (110964)	<0.5	7.61	<1	294	1.6	5	2.92	<0.5	41	7.6	18.3	<0.5	3.85	18	
C69771 (110965)	<0.5	7.58	<1	386	2.8	3	2.79	<0.5	45	8.1	19.2	<0.5	3.77	18	
C69772 (110966)	<0.5	0.07	3	16	<0.5	<1	31.3	<0.5	<1	<0.5	<0.5	<0.5	0.09	<5	
C69773 (110967)	<0.5	6.60	27	806	6.5	3	3.27	<0.5	42	26.1	69.9	69.0	3.74	17	
C69774 (110968)	<0.5	9.77	<1	577	2.9	3	4.05	<0.5	22	15.4	72.3	26.0	3.00	14	
C69775 (110969)	<0.5	6.88	<1	659	5.1	4	6.94	<0.5	26	38.7	520	61.4	6.89	19	
C69776 (110970)	<0.5	2.30	<1	682	9.2	15	8.48	<0.5	146	50.6	518	112	8.27	23	
C69777 (110971)	<0.5	2.69	4	336	5.7	14	9.60	<0.5	137	35.2	274	121	7.74	22	
C69778 (110972)	<0.5	2.69	6	323	5.8	11	9.36	<0.5	139	36.7	293	122	7.89	21	
C69779 (110973)	<0.5	7.53	<1	694	2.4	3	2.44	<0.5	42	6.6	14.4	<0.5	3.64	16	
C69780 (110974)	<0.5	7.49	<1	316	1.5	1	2.84	<0.5	38	7.8	14.7	<0.5	3.60	17	
C69781 (110975)	<0.5	7.51	<1	353	1.9	3	2.97	<0.5	45	7.4	27.8	2.2	3.72	17	
C69782 (110976)	<0.5	3.39	<1	916	2.9	27	8.07	<0.5	130	57.8	1420	114	8.79	25	
C69783 (110977)	<0.5	7.27	3	341	3.6	2	2.80	<0.5	29	4.5	42.8	34.0	2.06	14	
C69784 (110978)	<0.5	7.44	6	371	1.5	3	2.70	<0.5	37	11.4	27.7	7.0	3.39	16	
C69785 (110979)	<0.5	7.23	<1	485	1.5	5	3.33	<0.5	41	11.2	63.0	29.7	4.23	18	
C69786 (110980)	<0.5	7.64	<1	186	0.5	15	6.36	<0.5	12	37.6	198	107	7.80	22	
C69787 (110981)	<0.5	3.82	<1	922	3.1	23	8.33	<0.5	122	43.9	870	119	8.16	25	
C69788 (110982)	<0.5	7.64	<1	362	1.3	6	2.95	<0.5	44	7.4	17.0	<0.5	3.79	17	
C69789 (110983)	<0.5	7.62	<1	403	1.6	1	2.81	0.6	38	7.6	22.2	<0.5	3.71	17	
C69790 (110984)	<0.5	7.54	<1	448	1.6	4	2.89	<0.5	37	6.5	20.9	<0.5	3.81	17	
C69791 (110985)	<0.5	7.72	<1	308	1.2	3	2.94	<0.5	39	7.6	14.1	<0.5	3.81	17	
C69792 (110986)	<0.5	0.07	4	18	<0.5	<1	29.9	<0.5	<1	<0.5	0.6	<0.5	0.09	<5	
C69793 (110987)	<0.5	7.60	2	280	1.4	5	2.96	<0.5	38	7.2	11.4	1.2	3.72	17	
C69794 (110988)	<0.5	7.69	<1	286	1.1	6	2.98	<0.5	42	7.4	12.8	13.8	3.94	17	
C69795 (110989)	0.9	7.70	<1	312	1.5	4	2.90	<0.5	41	8.7	14.8	751	3.87	18	
C69796 (110990)	<0.5	7.75	<1	270	1.7	3	2.81	<0.5	34	6.4	13.8	26.0	3.36	19	
C69797 (110991)	<0.5	7.65	2	380	1.8	7	2.75	<0.5	39	8.7	14.8	21.7	3.75	17	
C69798 (110992)	<0.5	7.66	<1	377	1.8	5	2.72	<0.5	36	8.3	12.8	23.0	3.63	17	
C69799 (110993)	<0.5	7.57	<1	620	2.2	5	3.01	<0.5	47	7.4	24.2	12.0	3.77	16	

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T453236

PROJECT: AGAT00604

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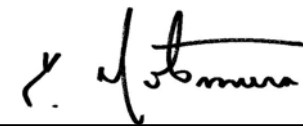
CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 02, 2019	DATE RECEIVED: Apr 03, 2019					DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C69800 (110994)	<0.5	2.58	<1	798	2.9	21	8.76	<0.5	102	50.6	486	84.4	8.22	21	
C69801 (110995)	<0.5	6.44	18	922	6.3	1	2.60	<0.5	115	10.7	49.9	16.7	4.23	16	
C69802 (110996)	<0.5	2.37	<1	277	6.6	10	8.95	<0.5	81	51.1	436	73.5	7.06	17	
C69803 (110997)	<0.5	7.94	<1	602	5.8	4	2.70	0.6	43	7.9	14.1	4.1	4.14	19	
C69804 (110998)	<0.5	7.99	<1	407	3.4	5	2.80	0.5	41	7.3	14.0	2.8	4.19	19	
C69805 (110999)	<0.5	2.06	<1	212	8.4	5	9.59	0.6	78	52.7	425	76.0	6.50	17	
C69806 (111000)	<0.5	7.63	<1	85	<0.5	9	7.37	<0.5	2	38.6	190	159	7.57	21	
C69807 (111001)	<0.5	6.85	<1	338	2.4	1	2.40	<0.5	48	5.4	20.5	<0.5	2.76	14	
C69808 (111002)	<0.5	7.44	<1	202	0.8	4	2.06	<0.5	41	7.6	16.2	<0.5	3.78	16	
C69809 (111003)	<0.5	7.53	<1	260	0.8	5	1.94	<0.5	33	8.5	16.4	<0.5	4.39	18	
C69810 (111004)	<0.5	7.69	<1	329	1.3	4	2.08	<0.5	34	8.4	16.3	<0.5	4.56	18	
C69811 (111005)	<0.5	6.74	<1	337	3.3	3	3.70	0.5	66	17.3	130	13.3	4.84	18	
C69812 (111006)	<0.5	0.09	<1	18	<0.5	<1	31.3	<0.5	<1	<0.5	<0.5	<0.5	0.09	<5	
C69813 (111007)	<0.5	7.71	<1	268	1.6	2	2.32	0.8	45	8.7	14.6	55.8	4.17	19	
C69814 (111008)	<0.5	7.71	<1	250	0.9	4	1.98	<0.5	42	8.4	11.3	298	3.96	18	
C69815 (111009)	<0.5	7.56	<1	311	1.2	2	1.91	<0.5	45	6.3	13.5	9.0	3.60	17	
C69816 (111010)	<0.5	7.44	<1	334	1.9	2	1.84	<0.5	43	5.6	14.6	6.8	3.12	17	
C69817 (111011)	<0.5	7.43	<1	268	1.2	3	1.93	<0.5	48	5.1	11.5	<0.5	3.01	16	
C69818 (111012)	<0.5	7.58	<1	267	1.3	3	1.95	<0.5	46	5.0	8.1	<0.5	3.00	16	
C69819 (111013)	<0.5	7.45	<1	329	1.1	4	1.97	<0.5	54	5.9	14.4	<0.5	3.37	17	
C69820 (111014)	<0.5	3.37	<1	1270	2.9	24	8.91	<0.5	239	40.7	601	98.9	7.89	23	
C69821 (111015)	<0.5	7.24	<1	349	1.8	1	1.97	<0.5	55	6.7	18.3	2.9	3.21	17	
C69822 (111016)	<0.5	7.50	<1	225	2.1	1	1.89	0.6	28	3.0	13.7	35.0	1.79	17	
C69823 (111017)	<0.5	7.49	<1	259	1.6	3	1.85	<0.5	51	5.6	23.6	<0.5	3.15	17	
C69824 (111018)	<0.5	7.54	<1	471	4.3	5	1.87	<0.5	52	3.3	25.5	<0.5	3.25	17	
C69825 (111019)	<0.5	2.49	<1	63	12.3	7	6.88	<0.5	67	54.8	499	76.0	7.55	19	
C69826 (111020)	<0.5	7.55	<1	181	<0.5	9	6.23	<0.5	12	37.2	197	102	7.68	22	
C69827 (111021)	<0.5	6.89	<1	675	7.1	5	2.38	<0.5	53	9.3	73.3	12.9	3.38	17	
C69828 (111022)	<0.5	7.47	<1	327	1.5	7	1.98	<0.5	40	6.7	16.8	<0.5	3.61	17	
C69829 (111023)	<0.5	7.73	<1	432	1.2	4	2.13	<0.5	42	7.8	27.1	3.8	3.89	17	
C69830 (111024)	<0.5	7.24	<1	721	5.1	4	1.89	0.6	51	5.6	28.3	2.5	3.64	17	
C69831 (111025)	<0.5	2.39	<1	243	5.9	9	7.64	<0.5	73	71.1	656	91.6	7.37	18	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T453236

PROJECT: AGAT00604

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 02, 2019	DATE RECEIVED: Apr 03, 2019					DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C69832 (111026)	<0.5	0.06	<1	14	<0.5	<1	30.9	<0.5	<1	<0.5	1.3	<0.5	0.11	<5	
C69833 (111027)	<0.5	4.57	<1	386	10.5	7	5.15	<0.5	51	32.5	261	53.4	6.47	19	
C69834 (111028)	<0.5	7.54	1	934	4.4	<1	2.21	<0.5	42	7.2	21.5	<0.5	3.93	17	
C69835 (111029)	<0.5	7.75	<1	381	1.2	6	2.15	<0.5	40	8.7	20.7	<0.5	4.12	18	
C69836 (111030)	<0.5	7.51	<1	766	3.6	4	2.14	<0.5	42	7.3	16.9	2.2	4.07	18	
C69837 (111031)	<0.5	2.09	<1	418	3.5	21	5.74	<0.5	50	73.5	862	98.2	8.69	22	
C69838 (111032)	<0.5	2.09	<1	409	3.7	12	5.60	<0.5	47	74.7	841	98.3	8.60	19	
C69839 (111033)	<0.5	7.62	<1	583	5.0	2	1.97	<0.5	49	5.3	21.7	<0.5	3.30	16	

Certified By:





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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 02, 2019	DATE RECEIVED: Apr 03, 2019					DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
C69768 (110962)	<1	1.56	20	29	0.87	513	2.2	3.89	8.5	820	<20	<50	<0.01	<1	
C69769 (110963)	<1	1.22	19	32	0.78	844	2.5	3.14	6.5	660	<20	<50	<0.01	3	
C69770 (110964)	<1	1.33	19	27	0.79	582	2.6	3.34	6.1	691	<20	<50	<0.01	<1	
C69771 (110965)	<1	1.46	20	26	0.83	517	2.7	3.77	8.0	922	<20	<50	0.03	<1	
C69772 (110966)	<1	0.02	2	<1	2.38	116	<0.5	0.04	0.5	67	<20	<50	0.24	<1	
C69773 (110967)	<1	2.44	21	83	1.67	575	2.8	3.70	57.5	1170	115	<50	0.10	<1	
C69774 (110968)	<1	1.55	12	46	1.78	487	9.5	4.30	58.1	791	<20	<50	<0.01	<1	
C69775 (110969)	<1	1.70	13	61	5.25	1440	51.4	3.10	206	1300	<20	<50	0.03	<1	
C69776 (110970)	<1	2.23	76	51	9.04	1490	2.3	2.21	362	4170	<20	<50	0.20	<1	
C69777 (110971)	<1	2.44	73	18	6.24	1500	2.5	2.13	175	1550	<20	<50	0.28	<1	
C69778 (110972)	<1	2.52	72	17	6.33	1530	2.4	2.19	182	1500	<20	<50	0.27	<1	
C69779 (110973)	<1	1.20	20	37	1.03	534	2.6	3.99	8.2	1490	<20	<50	<0.01	<1	
C69780 (110974)	<1	1.11	18	23	0.77	581	2.3	3.92	6.9	588	<20	<50	<0.01	2	
C69781 (110975)	<1	1.32	21	24	0.89	596	2.4	3.52	9.9	695	<20	<50	<0.01	<1	
C69782 (110976)	<1	1.95	73	13	10.9	1510	3.9	0.64	456	2960	<20	<50	0.31	<1	
C69783 (110977)	<1	0.91	14	21	0.73	1130	3.5	3.74	18.1	495	<20	<50	0.11	<1	
C69784 (110978)	<1	1.56	18	21	0.80	635	2.7	3.81	11.1	534	<20	<50	0.04	<1	
C69785 (110979)	<1	1.56	21	28	1.39	691	3.1	3.73	30.4	1000	<20	<50	0.03	<1	
C69786 (110980)	<1	0.44	10	10	4.32	1370	3.0	2.42	108	937	<20	<50	0.12	<1	
C69787 (110981)	<1	2.41	72	31	8.19	1450	4.3	1.43	304	2930	<20	<50	0.29	<1	
C69788 (110982)	<1	1.29	20	29	0.83	586	2.4	3.26	7.1	756	<20	<50	<0.01	<1	
C69789 (110983)	<1	1.65	18	27	0.83	552	3.0	3.22	7.8	672	<20	<50	<0.01	<1	
C69790 (110984)	<1	1.84	17	27	0.88	585	2.8	3.35	6.9	585	<20	<50	<0.01	<1	
C69791 (110985)	<1	1.17	19	31	0.79	602	2.3	2.99	6.1	643	<20	<50	<0.01	<1	
C69792 (110986)	<1	0.02	2	<1	2.53	111	<0.5	0.04	0.8	66	<20	<50	0.21	<1	
C69793 (110987)	<1	1.25	18	32	0.83	617	2.4	3.00	5.9	631	<20	<50	<0.01	<1	
C69794 (110988)	<1	1.11	19	35	0.82	631	2.4	2.99	6.4	691	<20	<50	<0.01	1	
C69795 (110989)	<1	1.31	19	28	0.77	520	2.9	3.18	12.7	689	<20	<50	0.09	<1	
C69796 (110990)	<1	1.00	17	26	0.66	868	2.1	3.25	5.4	582	<20	<50	<0.01	<1	
C69797 (110991)	<1	1.43	18	25	0.85	595	2.6	3.12	7.9	767	<20	<50	<0.01	<1	
C69798 (110992)	<1	1.42	17	25	0.84	589	2.4	3.12	7.5	727	<20	<50	<0.01	<1	
C69799 (110993)	<1	1.20	23	37	1.20	591	2.7	3.64	15.6	1100	<20	<50	<0.01	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T453236

PROJECT: AGAT00604

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 02, 2019	DATE RECEIVED: Apr 03, 2019					DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
C69800 (110994)	<1	2.67	55	27	10.4	1470	2.4	1.24	377	1650	<20	<50	0.19	<1	
C69801 (110995)	<1	3.03	50	69	1.64	631	6.0	4.02	25.7	678	87	<50	0.04	<1	
C69802 (110996)	<1	2.07	42	76	8.33	1300	3.1	2.02	319	335	<20	<50	0.18	<1	
C69803 (110997)	<1	2.01	21	51	1.02	608	2.7	4.03	10.1	787	<20	<50	0.01	1	
C69804 (110998)	<1	1.38	20	32	0.97	729	2.7	3.93	7.4	660	<20	<50	<0.01	1	
C69805 (110999)	<1	2.34	41	86	8.15	1320	2.3	2.43	368	395	<20	<50	0.24	<1	
C69806 (111000)	<1	0.24	4	13	4.53	1360	2.7	1.73	100	388	<20	<50	0.27	2	
C69807 (111001)	<1	1.14	22	24	0.67	509	2.6	3.38	8.4	548	<20	<50	<0.01	<1	
C69808 (111002)	<1	1.35	20	38	0.77	526	2.9	3.30	5.8	598	<20	<50	<0.01	<1	
C69809 (111003)	<1	1.62	17	38	0.85	539	2.4	3.51	6.3	807	<20	<50	<0.01	<1	
C69810 (111004)	<1	2.25	17	29	0.88	602	3.0	3.92	6.7	735	<20	<50	<0.01	<1	
C69811 (111005)	<1	1.72	33	44	2.37	959	3.2	3.82	80.4	947	<20	<50	0.01	<1	
C69812 (111006)	<1	0.02	2	1	2.22	123	<0.5	0.05	<0.5	67	<20	<50	0.24	<1	
C69813 (111007)	<1	1.24	22	28	0.88	744	2.5	4.02	8.9	959	<20	<50	<0.01	<1	
C69814 (111008)	<1	1.31	19	39	0.75	639	2.2	3.67	6.3	750	<20	<50	<0.01	<1	
C69815 (111009)	<1	1.48	21	29	0.68	601	2.0	3.73	6.0	694	<20	<50	<0.01	<1	
C69816 (111010)	<1	1.22	20	29	0.63	673	2.0	3.94	6.1	551	<20	<50	<0.01	<1	
C69817 (111011)	<1	1.06	22	27	0.58	521	2.4	3.79	6.9	449	<20	<50	<0.01	<1	
C69818 (111012)	<1	1.06	21	26	0.57	521	1.8	3.93	6.5	409	<20	<50	<0.01	<1	
C69819 (111013)	<1	1.22	25	30	0.67	539	2.9	3.89	8.4	631	<20	<50	<0.01	<1	
C69820 (111014)	<1	2.49	116	18	8.78	1500	2.5	1.18	289	2840	<20	<50	0.21	<1	
C69821 (111015)	<1	1.38	26	30	0.75	543	2.1	3.62	10.5	657	<20	<50	0.01	<1	
C69822 (111016)	<1	0.97	13	13	0.35	619	1.6	3.92	5.6	327	<20	<50	<0.01	<1	
C69823 (111017)	<1	1.04	23	26	0.62	552	3.5	3.82	6.9	443	<20	<50	<0.01	<1	
C69824 (111018)	<1	1.58	24	23	0.98	510	1.9	4.37	15.1	412	<20	<50	<0.01	<1	
C69825 (111019)	<1	2.17	36	88	7.61	1320	2.6	2.22	422	46	<20	<50	0.21	<1	
C69826 (111020)	<1	0.44	10	10	4.28	1350	2.7	2.36	107	910	<20	<50	0.10	<1	
C69827 (111021)	<1	1.50	27	52	1.62	663	1.8	4.68	60.0	419	<20	<50	<0.01	<1	
C69828 (111022)	<1	1.21	19	37	0.77	634	2.0	3.88	9.2	664	<20	<50	<0.01	<1	
C69829 (111023)	<1	1.25	20	39	1.08	679	2.1	4.15	23.9	673	<20	<50	<0.01	<1	
C69830 (111024)	<1	1.35	25	38	1.17	546	2.3	4.76	15.4	693	<20	<50	<0.01	<1	
C69831 (111025)	<1	2.05	41	58	9.12	1100	3.4	2.44	626	1200	<20	<50	0.22	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T453236

PROJECT: AGAT00604

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 02, 2019	DATE RECEIVED: Apr 03, 2019					DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
C69832 (111026)	<1	0.02	3	1	2.78	138	<0.5	0.04	0.8	79	<20	<50	0.25	<1	
C69833 (111027)	<1	1.37	29	70	5.73	1080	3.1	4.26	271	898	<20	<50	0.09	<1	
C69834 (111028)	<1	1.56	21	39	1.18	642	1.8	4.13	16.9	1180	<20	<50	<0.01	<1	
C69835 (111029)	<1	1.55	19	40	0.90	689	2.7	4.06	8.1	820	<20	<50	<0.01	<1	
C69836 (111030)	<1	1.25	20	47	0.94	659	2.1	5.06	8.7	1340	<20	<50	0.03	<1	
C69837 (111031)	<1	1.78	32	37	11.9	1380	2.9	2.31	692	1890	<20	<50	0.15	<1	
C69838 (111032)	<1	1.76	29	36	11.7	1350	2.9	2.32	692	1940	<20	<50	0.17	<1	
C69839 (111033)	<1	1.24	23	25	0.91	516	1.7	4.81	14.1	701	<20	<50	<0.01	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 02, 2019

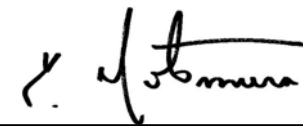
DATE RECEIVED: Apr 03, 2019

DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
C69768 (110962)	13	<10	<5	199	<10	<10	13	0.34	<5	<50	49.5	<1	27	128
C69769 (110963)	10	<10	<5	165	<10	<10	7	0.34	<5	<50	42.4	<1	27	119
C69770 (110964)	12	<10	<5	153	<10	<10	6	0.32	<5	<50	41.6	<1	20	85.5
C69771 (110965)	12	<10	<5	206	<10	<10	8	0.32	<5	<50	45.9	<1	20	59.7
C69772 (110966)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	2.1
C69773 (110967)	24	<10	<5	295	<10	<10	14	0.35	<5	<50	99.4	<1	19	84.8
C69774 (110968)	13	<10	<5	333	<10	<10	8	0.29	<5	<50	61.4	<1	20	56.6
C69775 (110969)	29	<10	<5	234	<10	<10	<5	0.44	<5	<50	151	<1	28	133
C69776 (110970)	23	<10	<5	1010	<10	<10	6	1.39	<5	<50	266	2	47	64.1
C69777 (110971)	47	<10	<5	843	<10	<10	27	1.21	<5	<50	339	<1	48	45.5
C69778 (110972)	47	<10	<5	865	<10	<10	27	1.21	<5	<50	348	<1	48	43.6
C69779 (110973)	12	<10	<5	205	<10	<10	11	0.31	<5	<50	44.4	<1	27	75.8
C69780 (110974)	10	<10	<5	147	<10	<10	7	0.30	<5	<50	41.0	<1	23	88.1
C69781 (110975)	12	<10	<5	161	<10	<10	8	0.34	<5	<50	46.5	<1	26	100
C69782 (110976)	28	<10	<5	810	<10	<10	6	2.42	<5	<50	335	4	25	73.8
C69783 (110977)	5	<10	<5	242	<10	<10	9	0.18	<5	<50	26.7	<1	41	89.5
C69784 (110978)	9	<10	<5	164	<10	<10	11	0.27	<5	<50	39.4	<1	20	83.3
C69785 (110979)	12	<10	<5	256	<10	<10	8	0.49	<5	<50	74.6	<1	20	109
C69786 (110980)	35	<10	<5	257	<10	<10	<5	0.87	<5	<50	243	<1	23	90.4
C69787 (110981)	24	<10	<5	892	<10	<10	<5	2.10	<5	<50	324	3	26	77.1
C69788 (110982)	12	<10	<5	157	<10	<10	6	0.32	<5	<50	44.6	<1	24	94.9
C69789 (110983)	11	<10	<5	159	<10	<10	7	0.32	<5	<50	48.7	<1	20	89.2
C69790 (110984)	13	<10	<5	179	<10	<10	6	0.32	<5	<50	49.4	<1	22	104
C69791 (110985)	11	<10	<5	157	<10	<10	<5	0.33	<5	<50	40.5	<1	26	88.3
C69792 (110986)	<1	<10	<5	66	<10	<10	<5	<0.01	<5	<50	0.9	<1	2	3.0
C69793 (110987)	11	<10	<5	156	<10	<10	5	0.31	<5	<50	39.8	<1	24	71.7
C69794 (110988)	12	<10	<5	153	<10	<10	<5	0.34	<5	<50	41.2	<1	28	80.4
C69795 (110989)	12	<10	<5	158	<10	<10	6	0.32	<5	<50	41.0	<1	23	79.8
C69796 (110990)	10	<10	<5	159	<10	<10	6	0.28	<5	<50	34.5	<1	30	69.7
C69797 (110991)	11	<10	<5	166	<10	<10	6	0.32	<5	<50	43.4	<1	24	242
C69798 (110992)	12	<10	<5	165	<10	<10	5	0.31	<5	<50	43.1	<1	24	240
C69799 (110993)	10	<10	<5	221	<10	<10	9	0.36	<5	<50	44.7	<1	30	79.0

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T453236

PROJECT: AGAT00604

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 02, 2019	DATE RECEIVED: Apr 03, 2019					DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
C69800 (110994)	24	<10	<5	744	<10	<10	<5	1.60	<5	<50	227	<1	22	83.8	
C69801 (110995)	36	<10	<5	256	<10	<10	60	0.37	<5	<50	161	<1	22	162	
C69802 (110996)	33	<10	<5	804	<10	<10	10	0.56	<5	<50	235	<1	39	98.5	
C69803 (110997)	20	<10	<5	223	<10	<10	13	0.39	<5	<50	71.6	<1	41	84.6	
C69804 (110998)	14	<10	<5	209	<10	<10	9	0.33	<5	<50	45.5	<1	45	82.4	
C69805 (110999)	28	<10	<5	708	<10	<10	9	0.52	<5	<50	220	<1	32	66.6	
C69806 (111000)	42	<10	<5	179	<10	<10	<5	0.61	<5	<50	278	<1	20	77.9	
C69807 (111001)	11	<10	<5	181	<10	<10	12	0.25	<5	<50	33.0	<1	30	59.2	
C69808 (111002)	9	<10	<5	171	<10	<10	<5	0.34	<5	<50	36.4	<1	16	75.6	
C69809 (111003)	10	<10	<5	185	<10	<10	<5	0.39	<5	<50	47.1	<1	17	99.8	
C69810 (111004)	14	<10	<5	187	<10	<10	11	0.39	<5	<50	61.3	<1	21	113	
C69811 (111005)	18	<10	<5	363	<10	<10	13	0.42	<5	<50	89.0	<1	34	90.2	
C69812 (111006)	<1	<10	<5	74	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	4.1	
C69813 (111007)	13	<10	<5	214	<10	<10	7	0.37	<5	<50	49.2	<1	30	81.4	
C69814 (111008)	11	<10	<5	188	<10	<10	6	0.34	<5	<50	43.0	<1	22	85.6	
C69815 (111009)	10	<10	<5	185	<10	<10	10	0.30	<5	<50	35.1	<1	21	84.5	
C69816 (111010)	9	<10	<5	174	<10	<10	9	0.24	<5	<50	31.5	<1	25	71.4	
C69817 (111011)	9	<10	<5	169	<10	<10	8	0.23	<5	<50	28.4	<1	20	58.7	
C69818 (111012)	9	<10	<5	172	<10	<10	7	0.23	<5	<50	28.6	<1	19	56.6	
C69819 (111013)	10	<10	<5	181	<10	<10	10	0.26	<5	<50	33.6	<1	24	69.2	
C69820 (111014)	31	<10	<5	1180	<10	<10	9	2.01	<5	<50	256	3	31	76.5	
C69821 (111015)	11	<10	<5	179	<10	<10	12	0.28	<5	<50	45.9	<1	20	64.9	
C69822 (111016)	6	<10	<5	164	<10	<10	12	0.13	<5	<50	17.1	<1	27	35.7	
C69823 (111017)	10	<10	<5	158	<10	<10	7	0.24	<5	<50	30.3	<1	22	68.8	
C69824 (111018)	14	<10	<5	193	<10	<10	12	0.35	<5	<50	40.0	<1	18	68.2	
C69825 (111019)	44	<10	<5	534	<10	<10	9	0.70	<5	<50	202	<1	18	117	
C69826 (111020)	34	<10	<5	252	<10	<10	<5	0.85	<5	<50	239	<1	23	88.6	
C69827 (111021)	20	<10	<5	242	<10	<10	16	0.42	<5	<50	72.8	<1	18	67.0	
C69828 (111022)	11	<10	<5	175	<10	<10	7	0.30	<5	<50	36.0	<1	25	67.9	
C69829 (111023)	12	<10	<5	196	<10	<10	5	0.32	<5	<50	34.1	<1	22	71.6	
C69830 (111024)	19	<10	<5	238	<10	<10	17	0.35	<5	<50	73.3	<1	18	81.6	
C69831 (111025)	21	<10	<5	631	<10	<10	<5	0.66	<5	<50	208	3	28	91.1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T453236

PROJECT: AGAT00604

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 02, 2019	DATE RECEIVED: Apr 03, 2019					DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Sample ID (AGAT ID)															
C69832 (111026)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	3.0	
C69833 (111027)	25	<10	<5	572	<10	<10	17	0.69	<5	<50	145	<1	20	75.8	
C69834 (111028)	15	<10	<5	186	<10	<10	13	0.35	<5	<50	55.2	<1	25	85.6	
C69835 (111029)	12	<10	<5	142	<10	<10	7	0.35	<5	<50	45.7	<1	23	98.8	
C69836 (111030)	14	<10	<5	211	<10	<10	13	0.39	<5	<50	58.4	<1	19	75.9	
C69837 (111031)	20	<10	<5	470	<10	<10	<5	1.09	<5	<50	207	<1	25	75.4	
C69838 (111032)	21	<10	<5	466	<10	<10	<5	1.08	<5	<50	211	<1	24	71.4	
C69839 (111033)	13	<10	<5	203	<10	<10	10	0.30	<5	<50	41.0	<1	16	63.8	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 02, 2019      DATE RECEIVED: Apr 03, 2019      DATE REPORTED: Apr 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
C69768 (110962)			201
C69769 (110963)			171
C69770 (110964)			163
C69771 (110965)			158
C69772 (110966)			<5
C69773 (110967)			158
C69774 (110968)			189
C69775 (110969)			115
C69776 (110970)			46
C69777 (110971)			208
C69778 (110972)			210
C69779 (110973)			171
C69780 (110974)			166
C69781 (110975)			166
C69782 (110976)			259
C69783 (110977)			115
C69784 (110978)			162
C69785 (110979)			171
C69786 (110980)			90
C69787 (110981)			112
C69788 (110982)			156
C69789 (110983)			159
C69790 (110984)			156
C69791 (110985)			150
C69792 (110986)			<5
C69793 (110987)			148
C69794 (110988)			161
C69795 (110989)			152
C69796 (110990)			150
C69797 (110991)			142
C69798 (110992)			144
C69799 (110993)			189

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T453236

PROJECT: AGAT00604

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 02, 2019      DATE RECEIVED: Apr 03, 2019      DATE REPORTED: Apr 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C69800 (110994)				138
C69801 (110995)				295
C69802 (110996)				272
C69803 (110997)				185
C69804 (110998)				183
C69805 (110999)				288
C69806 (111000)				42
C69807 (111001)				145
C69808 (111002)				146
C69809 (111003)				120
C69810 (111004)				175
C69811 (111005)				202
C69812 (111006)				<5
C69813 (111007)				190
C69814 (111008)				178
C69815 (111009)				168
C69816 (111010)				169
C69817 (111011)				190
C69818 (111012)				189
C69819 (111013)				189
C69820 (111014)				94
C69821 (111015)				183
C69822 (111016)				115
C69823 (111017)				186
C69824 (111018)				206
C69825 (111019)				195
C69826 (111020)				88
C69827 (111021)				205
C69828 (111022)				181
C69829 (111023)				183
C69830 (111024)				220
C69831 (111025)				39

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T453236

PROJECT: AGAT00604

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 02, 2019

DATE RECEIVED: Apr 03, 2019

DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
C69832 (111026)	<5
C69833 (111027)	219
C69834 (111028)	192
C69835 (111029)	168
C69836 (111030)	185
C69837 (111031)	62
C69838 (111032)	60
C69839 (111033)	210

Comments: RDL - Reported Detection Limit

110962-111033 As, Sb values may be low due to digestion losses.

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T453236

PROJECT: AGAT00604

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 02, 2019

DATE RECEIVED: Apr 03, 2019

DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C69768 (110962)			0.001
C69769 (110963)			0.004
C69770 (110964)			0.001
C69771 (110965)			<0.001
C69772 (110966)			<0.001
C69773 (110967)			0.005
C69774 (110968)			0.001
C69775 (110969)			<0.001
C69776 (110970)			<0.001
C69777 (110971)			0.005
C69778 (110972)			0.002
C69779 (110973)			0.001
C69780 (110974)			<0.001
C69781 (110975)			0.002
C69782 (110976)			0.002
C69783 (110977)			0.009
C69784 (110978)			0.004
C69785 (110979)			0.003
C69786 (110980)			0.328
C69787 (110981)			0.001
C69788 (110982)			<0.001
C69789 (110983)			<0.001
C69790 (110984)			0.002
C69791 (110985)			<0.001
C69792 (110986)			<0.001
C69793 (110987)			<0.001
C69794 (110988)			0.005
C69795 (110989)			0.004
C69796 (110990)			0.001
C69797 (110991)			0.001
C69798 (110992)			0.001
C69799 (110993)			0.003

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T453236

PROJECT: AGAT00604

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 02, 2019      DATE RECEIVED: Apr 03, 2019      DATE REPORTED: Apr 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
C69800 (110994)		0.002	
C69801 (110995)		0.002	
C69802 (110996)		0.001	
C69803 (110997)		0.002	
C69804 (110998)		0.003	
C69805 (110999)		0.001	
C69806 (111000)		1.23	
C69807 (111001)		0.002	
C69808 (111002)		0.002	
C69809 (111003)		0.004	
C69810 (111004)		0.002	
C69811 (111005)		0.005	
C69812 (111006)		<0.001	
C69813 (111007)		0.002	
C69814 (111008)		0.002	
C69815 (111009)		0.003	
C69816 (111010)		0.004	
C69817 (111011)		0.007	
C69818 (111012)		0.002	
C69819 (111013)		0.001	
C69820 (111014)		0.002	
C69821 (111015)		0.009	
C69822 (111016)		0.004	
C69823 (111017)		0.001	
C69824 (111018)		<0.001	
C69825 (111019)		0.004	
C69826 (111020)		0.343	
C69827 (111021)		0.002	
C69828 (111022)		0.001	
C69829 (111023)		0.002	
C69830 (111024)		0.001	
C69831 (111025)		0.001	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T453236

PROJECT: AGAT00604

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 02, 2019

DATE RECEIVED: Apr 03, 2019

DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C69832 (111026)			<0.001
C69833 (111027)			<0.001
C69834 (111028)			0.002
C69835 (111029)			0.003
C69836 (111030)			0.002
C69837 (111031)			0.001
C69838 (111032)			0.001
C69839 (111033)			0.002

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T453236

PROJECT: AGAT00604

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 02, 2019      DATE RECEIVED: Apr 03, 2019      DATE REPORTED: Apr 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
C69768 (110962)		81
C69787 (110981)		86
C69804 (110998)		79
C69805 (110999)		82
C69807 (111001)		80
C69814 (111008)		87
C69827 (111021)		82

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	110962	< 0.5	< 0.5	0.0%	110976	< 0.5	< 0.5	0.0%	110987	< 0.5	< 0.5	0.0%	111001	< 0.5	< 0.5	0.0%
Al	110962	7.58	7.67	1.2%	110976	3.39	3.34	1.5%	110987	7.60	7.78	2.3%	111001	6.85	6.70	2.2%
As	110962	< 1	< 1	0.0%	110976	< 1	< 1	0.0%	110987	2	< 1		111001	< 1	< 1	0.0%
Ba	110962	485	509	4.8%	110976	916	914	0.2%	110987	280	281	0.4%	111001	338	333	1.5%
Be	110962	3.48	3.66	5.0%	110976	2.9	2.1		110987	1.39	1.56	11.5%	111001	2.4	2.4	0.0%
Bi	110962	4	4	0.0%	110976	27	33	20.0%	110987	5	6	18.2%	111001	1	3	
Ca	110962	2.89	2.90	0.3%	110976	8.07	8.12	0.6%	110987	2.96	3.04	2.7%	111001	2.40	2.38	0.8%
Cd	110962	< 0.5	< 0.5	0.0%	110976	< 0.5	0.6		110987	< 0.5	< 0.5	0.0%	111001	< 0.5	< 0.5	0.0%
Ce	110962	43	40	7.2%	110976	130	127	2.3%	110987	38	39	2.6%	111001	48	45	6.5%
Co	110962	6.34	5.94	6.5%	110976	57.8	54.7	5.5%	110987	7.2	7.2	0.0%	111001	5.4	5.3	1.9%
Cr	110962	17.7	11.6		110976	1420	1370	3.6%	110987	11.4	6.4		111001	20.5	19.7	4.0%
Cu	110962	< 0.5	< 0.5	0.0%	110976	114	113	0.9%	110987	1.18	1.09	7.9%	111001	< 0.5	< 0.5	0.0%
Fe	110962	3.78	3.82	1.1%	110976	8.79	8.79	0.0%	110987	3.72	3.85	3.4%	111001	2.76	2.70	2.2%
Ga	110962	17	17	0.0%	110976	25	26	3.9%	110987	17	18	5.7%	111001	14	14	0.0%
In	110962	< 1	< 1	0.0%	110976	< 1	< 1	0.0%	110987	< 1	< 1	0.0%	111001	< 1	< 1	0.0%
K	110962	1.56	1.58	1.3%	110976	1.95	1.91	2.1%	110987	1.25	1.26	0.8%	111001	1.14	1.12	1.8%
La	110962	20	18	10.5%	110976	73	70	4.2%	110987	18	19	5.4%	111001	22	21	4.7%
Li	110962	29	30	3.4%	110976	13	13	0.0%	110987	32	31	3.2%	111001	24	24	0.0%
Mg	110962	0.87	0.88	1.1%	110976	10.9	10.9	0.0%	110987	0.83	0.85	2.4%	111001	0.67	0.66	1.5%
Mn	110962	513	507	1.2%	110976	1510	1500	0.7%	110987	617	629	1.9%	111001	509	493	3.2%
Mo	110962	2.2	1.7	25.6%	110976	3.86	3.54	8.6%	110987	2.4	2.0	18.2%	111001	2.56	2.49	2.8%
Na	110962	3.89	3.97	2.0%	110976	0.637	0.632	0.8%	110987	3.00	3.12	3.9%	111001	3.38	3.35	0.9%
Ni	110962	8.51	7.72	9.7%	110976	456	445	2.4%	110987	5.93	6.10	2.8%	111001	8.4	8.1	3.6%
P	110962	820	804	2.0%	110976	2960	2840	4.1%	110987	631	586	7.4%	111001	548	560	2.2%
Pb	110962	< 20	< 20	0.0%	110976	< 20	< 20	0.0%	110987	< 20	< 20	0.0%	111001	< 20	< 20	0.0%
Rb	110962	< 50	< 50	0.0%	110976	< 50	< 50	0.0%	110987	< 50	< 50	0.0%	111001	< 50	< 50	0.0%
S	110962	< 0.01	< 0.01	0.0%	110976	0.31	0.31	0.0%	110987	< 0.01	< 0.01	0.0%	111001	< 0.01	< 0.01	0.0%
Sb	110962	< 1	< 1	0.0%	110976	< 1	< 1	0.0%	110987	< 1	< 1	0.0%	111001	< 1	< 1	0.0%
Sc	110962	13	14	7.4%	110976	28	27	3.6%	110987	11	12	8.7%	111001	11	10	9.5%
Se	110962	< 10	< 10	0.0%	110976	< 10	< 10	0.0%	110987	< 10	< 10	0.0%	111001	< 10	< 10	0.0%
Sn	110962	< 5	< 5	0.0%	110976	< 5	< 5	0.0%	110987	< 5	< 5	0.0%	111001	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	110962	199	199	0.0%	110976	810	822	1.5%	110987	156	161	3.2%	111001	181	180	0.6%
Ta	110962	< 10	< 10	0.0%	110976	< 10	< 10	0.0%	110987	< 10	< 10	0.0%	111001	< 10	< 10	0.0%
Te	110962	< 10	< 10	0.0%	110976	< 10	< 10	0.0%	110987	< 10	< 10	0.0%	111001	< 10	< 10	0.0%
Th	110962	13	12	8.0%	110976	6	< 5		110987	5	7		111001	12	13	8.0%
Ti	110962	0.341	0.355	4.0%	110976	2.42	2.44	0.8%	110987	0.314	0.316	0.6%	111001	0.25	0.25	0.0%
Tl	110962	< 5	< 5	0.0%	110976	< 5	< 5	0.0%	110987	< 5	< 5	0.0%	111001	< 5	< 5	0.0%
U	110962	< 50	< 50	0.0%	110976	< 50	< 50	0.0%	110987	< 50	< 50	0.0%	111001	< 50	< 50	0.0%
V	110962	49.5	49.6	0.2%	110976	335	324	3.3%	110987	39.8	41.4	3.9%	111001	33.0	33.4	1.2%
W	110962	< 1	< 1	0.0%	110976	4	4	0.0%	110987	< 1	< 1	0.0%	111001	< 1	< 1	0.0%
Y	110962	27	28	3.6%	110976	25	24	4.1%	110987	24	26	8.0%	111001	30	30	0.0%
Zn	110962	128	128	0.0%	110976	73.8	72.0	2.5%	110987	71.7	72.4	1.0%	111001	59.2	59.1	0.2%
Zr	110962	201	205	2.0%	110976	259	247	4.7%	110987	148	161	8.4%	111001	145	149	2.7%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	111012	< 0.5	< 0.5	0.0%	111026	< 0.5	< 0.5	0.0%								
Al	111012	7.58	7.57	0.1%	111026	0.06	0.06	0.0%								
As	111012	< 1	< 1	0.0%	111026	< 1	< 1	0.0%								
Ba	111012	267	260	2.7%	111026	14	16	13.3%								
Be	111012	1.29	1.12	14.1%	111026	< 0.5	< 0.5	0.0%								
Bi	111012	3	4	28.6%	111026	< 1	< 1	0.0%								
Ca	111012	1.95	1.92	1.6%	111026	30.9	30.3	2.0%								
Cd	111012	< 0.5	< 0.5	0.0%	111026	< 0.5	< 0.5	0.0%								
Ce	111012	46	46	0.0%	111026	< 1	< 1	0.0%								
Co	111012	4.99	4.85	2.8%	111026	< 0.5	< 0.5	0.0%								
Cr	111012	8.1	10.4	24.9%	111026	1.3	0.7									
Cu	111012	< 0.5	< 0.5	0.0%	111026	< 0.5	< 0.5	0.0%								
Fe	111012	3.00	2.99	0.3%	111026	0.11	0.11	0.0%								
Ga	111012	16	15	6.5%	111026	< 5	< 5	0.0%								
In	111012	< 1	< 1	0.0%	111026	< 1	< 1	0.0%								
K	111012	1.06	1.09	2.8%	111026	0.02	0.02	0.0%								
La	111012	21	21	0.0%	111026	3	2									
Li	111012	26	27	3.8%	111026	1	1	0.0%								
Mg	111012	0.57	0.58	1.7%	111026	2.78	2.83	1.8%								
Mn	111012	521	521	0.0%	111026	138	137	0.7%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	111012	1.8	2.1	15.4%	111026	< 0.5	< 0.5	0.0%								
Na	111012	3.93	3.85	2.1%	111026	0.04	0.04	0.0%								
Ni	111012	6.45	6.33	1.9%	111026	0.78	0.61	24.5%								
P	111012	409	405	1.0%	111026	79	84	6.1%								
Pb	111012	< 20	< 20	0.0%	111026	< 20	< 20	0.0%								
Rb	111012	< 50	< 50	0.0%	111026	< 50	< 50	0.0%								
S	111012	< 0.01	< 0.01	0.0%	111026	0.25	0.23	8.3%								
Sb	111012	< 1	< 1	0.0%	111026	< 1	< 1	0.0%								
Sc	111012	9	9	0.0%	111026	< 1	< 1	0.0%								
Se	111012	< 10	< 10	0.0%	111026	< 10	< 10	0.0%								
Sn	111012	< 5	< 5	0.0%	111026	< 5	< 5	0.0%								
Sr	111012	172	169	1.8%	111026	69	67	2.9%								
Ta	111012	< 10	< 10	0.0%	111026	< 10	< 10	0.0%								
Te	111012	< 10	< 10	0.0%	111026	< 10	< 10	0.0%								
Th	111012	7	7	0.0%	111026	< 5	< 5	0.0%								
Ti	111012	0.23	0.23	0.0%	111026	< 0.01	< 0.01	0.0%								
Tl	111012	< 5	< 5	0.0%	111026	< 5	< 5	0.0%								
U	111012	< 50	< 50	0.0%	111026	< 50	< 50	0.0%								
V	111012	28.6	27.3	4.7%	111026	1.07	0.93	14.0%								
W	111012	< 1	< 1	0.0%	111026	< 1	< 1	0.0%								
Y	111012	19	18	5.4%	111026	2	2	0.0%								
Zn	111012	56.6	57.1	0.9%	111026	3.03	3.76	21.5%								
Zr	111012	189	174	8.3%	111026	< 5	< 5	0.0%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	110962	0.001	< 0.001		110976	0.002	0.002	0.0%	110987	< 0.001	0.001		111001	0.002	0.001	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	111012	0.002	0.001		111026	< 0.001	< 0.001	0.0%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GTS-2a)				CRM #2 (ref.SY-4)				CRM #3 (ref.Till-2)				CRM #4 (ref.GTS-2a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al					10.95	11.47	105%	90% - 110%	8.17	8.27	101%	90% - 110%	6.96	6.93	100%	90% - 110%
As									26	24	92%	90% - 110%	124	122	98%	90% - 110%
Ba					340	331	97%	90% - 110%	540	516	96%	90% - 110%	186	177	95%	90% - 110%
Be					2.6	2.6	101%	90% - 110%	4.0	3.4	86%	90% - 110%				
Ca					5.72	5.71	100%	90% - 110%	0.907	0.898	99%	90% - 110%	4.01	3.87	96%	90% - 110%
Ce					122	118	97%	90% - 110%	98	96	98%	90% - 110%	24	22	91%	90% - 110%
Co													22.1	20.4	93%	90% - 110%
Cr					12	10	83%	90% - 110%	60.3	64.6	107%	90% - 110%				
Cu									150	149	99%	90% - 110%	88.6	85	96%	90% - 110%
Fe					4.34	4.24	98%	90% - 110%	3.77	3.69	98%	90% - 110%	7.56	7.31	97%	90% - 110%
Ga					35	32	92%	90% - 110%								
K					1.37	1.44	105%	90% - 110%					2.021	2	99%	90% - 110%
La					58	57	98%	90% - 110%	44	44	101%	90% - 110%				
Li					37	37	100%	90% - 110%	47	44	94%	90% - 110%				
Mg					0.325	0.304	93%	90% - 110%	1.10	1.09	99%	90% - 110%	2.412	2.387	99%	90% - 110%
Mn									780	760	97%	90% - 110%	1510	1466	97%	90% - 110%
Mo									14	15	107%	90% - 110%				
Na					5.267	5.354	102%	90% - 110%	1.624	1.689	104%	90% - 110%	0.617	0.636	103%	90% - 110%
Ni									32	33	102%	90% - 110%	77.1	72.3	94%	90% - 110%
P									750	775	103%	90% - 110%	892	940	105%	90% - 110%
Pb									31	23	75%	90% - 110%				
S	0.348	0.375	107%	90% - 110%									0.348	0.38	109%	90% - 110%
Sb									0.8	0.8	101%	90% - 110%				
Sc					1.1	1	91%	90% - 110%	12	12	103%	90% - 110%				
Sr					1191	1197	100%	90% - 110%	144	152	106%	90% - 110%	92.8	90.4	97%	90% - 110%
Th									18.4	18.9	103%	90% - 110%				
Ti					0.172	0.176	102%	90% - 110%	0.53	0.48	90%	90% - 110%				
V									77	78	102%	90% - 110%				
Y					119	123	103%	90% - 110%								
Zn					93	95	102%	90% - 110%	130	123	95%	90% - 110%	208	210	101%	90% - 110%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Parameter	CRM #5 (ref.SY-4)															
	Expect	Actual	Recovery	Limits												
Al	10.95	11.29	103%	90% - 110%												
Ba	340	331	97%	90% - 110%												
Be	2.6	2.7	105%	90% - 110%												
Ca	5.72	5.58	97%	90% - 110%												
Ce	122	119	98%	90% - 110%												
Cr	12	9	75%	90% - 110%												
Fe	4.34	4.19	96%	90% - 110%												
Ga	35	34	97%	90% - 110%												
K	1.37	1.45	105%	90% - 110%												
La	58	57	98%	90% - 110%												
Li	37	37	101%	90% - 110%												
Mg	0.325	0.305	94%	90% - 110%												
Na	5.267	5.477	104%	90% - 110%												
Sc	1.1	1	95%	90% - 110%												
Sr	1191	1214	102%	90% - 110%												
Ti	0.172	0.173	101%	90% - 110%												
Y	119	128	108%	90% - 110%												
Zn	93	93	100%	90% - 110%												
<b>(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)</b>																
Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GSP5G)				CRM #3 (ref.1P5R)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	5.27	5.36	102%	90% - 110%	0.562	0.566	101%	90% - 110%	1.81	1.78	98%	90% - 110%				

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19T453236

PROJECT: AGAT00604

ATTENTION TO: Stephen Brooking

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00606

AGAT WORK ORDER: 19T453760

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Apr 26, 2019

PAGES (INCLUDING COVER): 20

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T453760

PROJECT: AGAT00606

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 03, 2019      DATE RECEIVED: Apr 04, 2019      DATE REPORTED: Apr 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C69840 (113421)		1.30
C69841 (113422)		1.41
C69842 (113423)		3.24
C69843 (113424)		3.03
C69844 (113425)		3.04
C69845 (113426)		2.19
C69846 (113427)		0.07
C69847 (113428)		2.45
C69848 (113429)		1.61
C69849 (113430)		0.77
C69850 (113431)		1.78
C69851 (113432)		0.89
C69852 (113433)		0.96
C69853 (113434)		2.17
C69854 (113435)		2.91
C69855 (113436)		3.12
C69856 (113437)		3.17
C69857 (113438)		3.09
C69858 (113439)		3.09
C69859 (113440)		3.18
C69860 (113441)		3.24
C69861 (113442)		2.94
C69862 (113443)		3.19
C69863 (113444)		3.23
C69864 (113445)		3.22
C69865 (113446)		3.10
C69866 (113447)		0.07
C69867 (113448)		3.27
C69868 (113449)		3.21
C69869 (113450)		3.29
C69870 (113451)		3.15

Certified By:



## Certificate of Analysis

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PROJECT: AGAT00606

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 03, 2019      DATE RECEIVED: Apr 04, 2019      DATE REPORTED: Apr 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C69871 (113452)		3.05
C69872 (113453)		0.99
C69873 (113454)		3.37
C69874 (113455)		2.77
C69875 (113456)		2.17
C69876 (113457)		1.15
C69877 (113458)		3.23
C69878 (113459)		3.23
C69879 (113460)		2.91
C69880 (113461)		3.06
C69881 (113462)		1.31
C69882 (113463)		2.19
C69883 (113464)		3.02
C69884 (113465)		3.12
C69885 (113466)		3.18
C69886 (113467)		0.07
C69887 (113468)		3.34
C69888 (113469)		3.23
C69889 (113470)		3.06
C69890 (113471)		2.05
C69891 (113472)		3.29
C69892 (113473)		1.13
C69893 (113474)		2.39
C69894 (113475)		2.93
C69895 (113476)		2.20

Comments: RDL - Reported Detection Limit

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# Certificate of Analysis

AGAT WORK ORDER: 19T453760

PROJECT: AGAT00606

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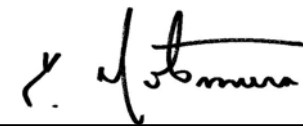
CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 03, 2019	DATE RECEIVED: Apr 04, 2019					DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C69840 (113421)	<0.5	7.59	<1	641	5.5	9	2.32	<0.5	44	9.3	70.3	1.8	3.89	19	
C69841 (113422)	<0.5	2.26	<1	579	4.9	34	7.69	<0.5	110	49.5	590	102	7.33	23	
C69842 (113423)	<0.5	7.44	<1	570	3.7	9	1.99	<0.5	41	7.5	62.3	18.4	3.86	19	
C69843 (113424)	<0.5	7.87	<1	279	1.9	7	2.00	<0.5	37	7.2	66.0	69.8	3.86	18	
C69844 (113425)	<0.5	7.87	<1	460	3.7	5	2.03	<0.5	83	6.4	66.9	163	3.92	18	
C69845 (113426)	<0.5	7.10	1	482	4.7	4	2.06	<0.5	54	7.6	72.7	67.5	3.62	18	
C69846 (113427)	<0.5	7.38	<1	135	0.7	19	6.54	<0.5	<1	37.2	120	151	7.82	24	
C69847 (113428)	<0.5	1.92	8	2110	6.1	12	12.1	<0.5	266	29.8	124	69.3	6.80	20	
C69848 (113429)	<0.5	2.11	4	537	9.9	8	11.6	<0.5	240	40.0	119	69.6	6.90	20	
C69849 (113430)	<0.5	0.78	3	143	1.2	<1	1.42	<0.5	38	1.4	79.3	7.1	0.92	<5	
C69850 (113431)	<0.5	7.64	<1	911	4.5	6	2.28	<0.5	55	5.8	59.8	11.3	3.68	20	
C69851 (113432)	<0.5	1.85	4	111	0.7	<1	0.68	<0.5	51	2.0	72.1	4.8	0.84	<5	
C69852 (113433)	<0.5	0.07	3	15	<0.5	<1	31.0	<0.5	<1	<0.5	1.3	<0.5	0.11	<5	
C69853 (113434)	<0.5	6.66	<1	346	2.3	5	1.75	<0.5	36	5.2	91.2	11.8	2.85	15	
C69854 (113435)	<0.5	7.55	<1	309	3.8	7	1.96	<0.5	53	7.1	77.1	9.1	3.37	18	
C69855 (113436)	<0.5	7.24	<1	260	3.8	6	1.92	<0.5	45	6.2	53.6	2.7	3.00	17	
C69856 (113437)	<0.5	7.68	<1	266	1.8	9	1.85	<0.5	40	6.3	65.5	<0.5	3.47	17	
C69857 (113438)	<0.5	7.49	<1	237	1.3	2	1.84	<0.5	46	7.1	65.4	51.2	3.46	17	
C69858 (113439)	<0.5	7.63	<1	241	1.2	8	1.85	<0.5	42	6.4	62.8	65.1	3.53	17	
C69859 (113440)	<0.5	7.80	<1	260	1.5	9	2.02	<0.5	44	6.6	60.8	246	3.59	18	
C69860 (113441)	<0.5	7.55	<1	302	2.7	4	2.19	<0.5	42	7.1	48.7	<0.5	3.39	17	
C69861 (113442)	<0.5	7.81	<1	302	3.3	7	2.41	<0.5	39	7.3	68.9	14.1	3.56	18	
C69862 (113443)	<0.5	7.37	<1	328	1.8	8	2.27	<0.5	42	6.3	55.6	2.9	3.42	17	
C69863 (113444)	<0.5	7.07	<1	293	2.3	5	2.32	<0.5	46	5.8	51.2	5.5	2.86	16	
C69864 (113445)	<0.5	7.20	<1	286	2.1	5	2.20	<0.5	44	6.2	52.6	12.5	3.00	16	
C69865 (113446)	<0.5	7.31	<1	355	1.8	6	2.36	<0.5	42	5.6	52.6	40.8	3.01	17	
C69866 (113447)	<0.5	7.25	<1	136	0.8	18	6.47	<0.5	<1	38.8	129	152	7.73	24	
C69867 (113448)	<0.5	7.07	<1	488	1.9	8	2.18	<0.5	37	7.1	57.9	96.7	3.32	17	
C69868 (113449)	<0.5	7.91	<1	423	1.6	9	2.40	<0.5	44	6.9	55.7	80.1	3.58	17	
C69869 (113450)	<0.5	7.70	<1	333	1.2	9	2.35	<0.5	41	6.4	55.3	73.3	3.50	16	
C69870 (113451)	<0.5	8.10	<1	307	1.4	6	2.75	<0.5	42	6.6	49.0	51.2	3.65	18	
C69871 (113452)	<0.5	7.67	<1	423	1.7	5	2.59	<0.5	45	7.1	59.8	7.7	3.50	18	

Certified By: \_\_\_\_\_





## Certificate of Analysis

AGAT WORK ORDER: 19T453760

PROJECT: AGAT00606

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 03, 2019	DATE RECEIVED: Apr 04, 2019					DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C69872 (113453)	<0.5	0.10	<1	21	<0.5	<1	30.4	<0.5	<1	<0.5	0.9	<0.5	0.10	<5	
C69873 (113454)	<0.5	7.48	<1	421	2.1	5	2.47	<0.5	40	6.2	65.5	4.4	3.32	18	
C69874 (113455)	<0.5	7.51	<1	1040	5.0	6	1.97	<0.5	39	5.0	64.3	63.5	3.37	17	
C69875 (113456)	<0.5	7.41	<1	1180	8.9	2	2.12	<0.5	38	4.6	43.5	59.8	3.11	17	
C69876 (113457)	<0.5	6.23	4	633	4.4	2	2.18	<0.5	62	3.1	53.5	223	2.14	14	
C69877 (113458)	<0.5	3.38	20	219	8.9	10	8.13	<0.5	92	35.9	236	86.1	6.55	22	
C69878 (113459)	<0.5	3.41	15	222	9.0	10	8.27	<0.5	104	35.2	237	86.8	6.67	21	
C69879 (113460)	<0.5	2.16	<1	99	8.7	20	9.14	<0.5	123	53.8	344	90.3	7.57	21	
C69880 (113461)	<0.5	1.91	<1	95	8.2	10	8.55	<0.5	120	62.3	477	82.9	7.93	23	
C69881 (113462)	<0.5	2.32	<1	62	7.6	16	10.1	<0.5	120	49.9	339	112	6.91	21	
C69882 (113463)	<0.5	1.90	<1	105	6.7	10	9.05	<0.5	115	58.5	453	69.0	7.49	20	
C69883 (113464)	<0.5	6.92	<1	639	2.4	7	3.12	<0.5	53	7.3	51.6	<0.5	3.30	17	
C69884 (113465)	<0.5	7.78	<1	345	1.3	6	2.76	<0.5	41	6.4	44.3	12.1	3.43	17	
C69885 (113466)	<0.5	7.58	<1	316	1.2	6	2.58	<0.5	43	7.1	68.7	<0.5	3.36	19	
C69886 (113467)	<0.5	7.77	<1	183	1.3	20	6.28	<0.5	6	36.2	138	104	7.72	27	
C69887 (113468)	<0.5	7.61	<1	331	1.7	6	2.70	<0.5	42	6.3	49.2	<0.5	3.43	17	
C69888 (113469)	<0.5	7.67	<1	297	1.8	8	2.66	<0.5	42	6.3	61.2	2.3	3.28	17	
C69889 (113470)	<0.5	7.73	<1	324	1.7	5	2.50	<0.5	50	6.0	65.5	10.8	3.35	18	
C69890 (113471)	<0.5	7.34	<1	357	1.8	4	2.48	<0.5	44	6.7	55.7	18.0	3.38	18	
C69891 (113472)	<0.5	7.82	<1	320	1.8	6	2.71	<0.5	41	7.0	50.3	20.2	3.61	17	
C69892 (113473)	<0.5	0.07	10	18	<0.5	<1	32.1	<0.5	<1	<0.5	1.4	<0.5	0.09	<5	
C69893 (113474)	<0.5	7.56	<1	315	1.4	5	2.62	<0.5	50	5.1	53.7	<0.5	3.00	16	
C69894 (113475)	<0.5	7.46	<1	322	1.7	6	2.61	<0.5	45	5.6	57.9	<0.5	3.13	17	
C69895 (113476)	<0.5	7.70	<1	424	1.3	6	2.58	<0.5	45	5.1	54.2	<0.5	2.89	16	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T453760

PROJECT: AGAT00606

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 03, 2019	DATE RECEIVED: Apr 04, 2019					DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
C69840 (113421)	<1	1.20	21	40	1.12	605	4.8	4.66	21.1	751	<20	<50	<0.01	4	
C69841 (113422)	<1	2.53	58	16	7.80	1370	3.1	1.98	341	2400	<20	<50	0.22	<1	
C69842 (113423)	<1	1.45	19	37	0.87	602	6.4	3.93	8.5	795	<20	<50	<0.01	5	
C69843 (113424)	<1	1.60	18	30	0.75	638	9.7	3.80	6.5	1070	<20	<50	<0.01	1	
C69844 (113425)	<1	1.66	43	34	0.83	732	9.3	4.26	6.4	793	<20	<50	<0.01	3	
C69845 (113426)	<1	1.98	29	44	0.91	634	12.7	3.89	8.9	643	<20	<50	0.04	5	
C69846 (113427)	<1	0.21	3	13	4.31	1380	2.8	2.28	82.8	398	<20	<50	0.18	1	
C69847 (113428)	<1	2.36	130	87	5.45	1940	6.3	1.14	70.4	7070	<20	<50	0.62	<1	
C69848 (113429)	<1	2.05	126	192	5.90	1820	4.9	1.75	117	6000	<20	<50	0.39	<1	
C69849 (113430)	<1	0.25	18	9	0.26	229	14.8	0.61	5.1	858	<20	<50	<0.01	<1	
C69850 (113431)	<1	2.30	26	51	1.12	618	8.6	4.02	11.1	960	<20	<50	<0.01	<1	
C69851 (113432)	<1	0.59	21	5	0.17	145	19.3	0.99	5.4	195	<20	<50	0.01	<1	
C69852 (113433)	<1	0.02	2	1	3.01	128	<0.5	0.05	0.6	69	<20	<50	0.25	<1	
C69853 (113434)	<1	1.33	18	28	0.64	457	12.7	3.36	7.2	470	<20	<50	0.01	<1	
C69854 (113435)	<1	1.63	26	28	0.76	637	7.3	3.61	8.0	648	<20	<50	<0.01	6	
C69855 (113436)	<1	1.31	21	25	0.67	544	8.5	3.36	7.2	555	<20	<50	<0.01	<1	
C69856 (113437)	<1	1.45	19	39	0.71	622	8.0	3.44	7.4	566	<20	<50	<0.01	<1	
C69857 (113438)	<1	1.33	21	40	0.69	532	10.4	3.40	7.9	619	<20	<50	<0.01	<1	
C69858 (113439)	<1	1.36	20	42	0.71	546	7.3	3.42	7.3	608	<20	<50	<0.01	5	
C69859 (113440)	<1	1.45	20	41	0.74	549	10.1	3.41	7.4	614	<20	<50	<0.01	<1	
C69860 (113441)	<1	1.28	19	36	0.75	590	7.0	3.41	7.4	647	<20	<50	<0.01	<1	
C69861 (113442)	<1	1.19	18	27	0.71	591	11.3	3.34	7.3	793	<20	<50	<0.01	3	
C69862 (113443)	<1	1.34	19	28	0.75	561	6.6	3.21	7.6	573	<20	<50	<0.01	2	
C69863 (113444)	<1	1.22	21	23	0.67	495	7.4	3.09	8.7	500	<20	<50	<0.01	1	
C69864 (113445)	<1	1.08	20	26	0.70	551	5.5	2.84	8.5	461	<20	<50	<0.01	2	
C69865 (113446)	<1	1.08	19	24	0.67	552	7.3	3.08	7.1	485	<20	<50	<0.01	2	
C69866 (113447)	<1	0.21	3	13	4.23	1360	2.4	2.27	83.9	413	<20	<50	0.19	1	
C69867 (113448)	<1	1.39	18	18	0.71	518	8.6	3.36	9.5	684	355	<50	<0.01	3	
C69868 (113449)	<1	1.60	20	25	0.83	571	5.9	3.42	7.2	748	<20	<50	<0.01	2	
C69869 (113450)	<1	1.27	19	21	0.75	563	8.8	3.26	6.9	551	<20	<50	<0.01	<1	
C69870 (113451)	<1	1.17	20	18	0.77	622	5.6	3.46	6.3	629	<20	<50	<0.01	<1	
C69871 (113452)	<1	1.71	21	17	0.81	589	6.2	3.32	8.2	604	58	<50	<0.01	5	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T453760

PROJECT: AGAT00606

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 03, 2019

DATE RECEIVED: Apr 04, 2019

DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
C69872 (113453)		<1	0.03	2	2	2.63	116	<0.5	0.06	0.5	91	<20	<50	0.22	<1
C69873 (113454)		<1	1.11	18	18	0.78	522	5.9	3.66	6.7	589	<20	<50	<0.01	1
C69874 (113455)		<1	1.58	19	42	0.96	428	7.1	4.09	9.1	1150	<20	<50	0.02	<1
C69875 (113456)		<1	1.77	17	55	1.37	317	4.3	4.80	25.1	4910	<20	<50	0.01	<1
C69876 (113457)		<1	1.19	27	23	1.07	532	10.3	4.20	18.5	3690	<20	<50	0.08	<1
C69877 (113458)		<1	3.02	48	38	5.04	1420	4.4	2.36	157	3190	27	<50	0.36	<1
C69878 (113459)		<1	3.06	54	39	5.08	1440	3.8	2.42	155	3200	29	<50	0.34	<1
C69879 (113460)		<1	1.62	63	28	7.56	1610	3.3	2.41	350	285	<20	<50	0.19	<1
C69880 (113461)		<1	1.37	59	161	7.98	1360	4.1	2.31	435	73	<20	<50	0.19	<1
C69881 (113462)		<1	2.44	59	118	6.95	1430	4.1	1.70	284	62	<20	<50	0.27	<1
C69882 (113463)		<1	1.22	56	259	7.26	1370	3.7	2.20	403	629	<20	<50	0.15	<1
C69883 (113464)		<1	1.77	25	25	0.98	611	6.3	3.75	10.1	1460	<20	<50	0.04	2
C69884 (113465)		<1	1.37	20	18	0.81	568	4.7	3.31	6.5	582	<20	<50	<0.01	<1
C69885 (113466)		<1	1.26	19	21	0.77	522	9.1	3.08	7.2	656	<20	<50	<0.01	<1
C69886 (113467)		<1	0.48	9	11	4.40	1340	3.1	2.36	104	839	<20	<50	0.11	<1
C69887 (113468)		<1	1.40	19	24	0.79	536	5.8	3.22	6.9	571	<20	<50	<0.01	<1
C69888 (113469)		<1	1.19	20	31	0.73	556	9.7	3.01	8.1	541	<20	<50	<0.01	<1
C69889 (113470)		<1	1.34	22	35	0.76	542	6.3	2.98	8.8	523	<20	<50	<0.01	3
C69890 (113471)		<1	1.47	20	27	0.76	542	6.7	3.68	7.6	564	<20	<50	<0.01	<1
C69891 (113472)		<1	1.31	19	33	0.79	624	5.4	4.42	6.1	631	<20	<50	<0.01	<1
C69892 (113473)		<1	0.01	2	<1	2.00	116	<0.5	1.23	<0.5	62	<20	<50	0.25	<1
C69893 (113474)		<1	1.20	22	27	0.71	536	5.6	3.95	7.8	427	<20	<50	<0.01	<1
C69894 (113475)		<1	1.08	20	22	0.71	521	5.5	3.67	7.1	469	<20	<50	<0.01	3
C69895 (113476)		<1	1.33	20	27	0.72	492	7.5	3.50	7.7	500	<20	<50	<0.01	3

Certified By:



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AGAT WORK ORDER: 19T453760

PROJECT: AGAT00606

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 03, 2019	DATE RECEIVED: Apr 04, 2019					DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core				
Analyte: Unit: RDL:	Sc ppm 1	Se ppm 10	Sn ppm 5	Sr ppm 1	Ta ppm 10	Te ppm 10	Th ppm 5	Ti % 0.01	Tl ppm 5	U ppm 50	V ppm 0.5	W ppm 1	Y ppm 1	Zn ppm 0.5	
C69840 (113421)	13	<10	<5	213	<10	<10	11	0.39	<5	<50	51.7	<1	28	71.8	
C69841 (113422)	25	<10	<5	825	<10	<10	6	1.27	<5	<50	254	3	36	71.4	
C69842 (113423)	13	<10	<5	179	<10	<10	9	0.34	<5	<50	41.5	<1	27	68.4	
C69843 (113424)	11	<10	<5	180	<10	<10	7	0.32	<5	<50	38.1	<1	25	67.3	
C69844 (113425)	13	<10	<5	202	<10	<10	12	0.33	<5	<50	50.7	<1	21	97.4	
C69845 (113426)	13	<10	<5	220	<10	<10	10	0.29	<5	<50	54.5	<1	18	83.3	
C69846 (113427)	45	<10	<5	115	<10	<10	<5	0.66	<5	<50	293	<1	23	73.7	
C69847 (113428)	30	<10	<5	1530	<10	<10	63	0.67	<5	<50	166	<1	249	107	
C69848 (113429)	21	<10	<5	1300	<10	<10	27	0.49	<5	<50	189	<1	101	100	
C69849 (113430)	4	<10	<5	116	<10	<10	11	0.03	<5	<50	20.3	<1	40	28.7	
C69850 (113431)	14	<10	<5	235	<10	<10	20	0.30	<5	<50	60.4	<1	20	98.0	
C69851 (113432)	2	<10	<5	59	<10	<10	29	0.03	<5	<50	8.6	<1	5	23.6	
C69852 (113433)	<1	<10	<5	74	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	2.0	
C69853 (113434)	7	<10	<5	154	<10	<10	11	0.20	<5	<50	29.8	<1	12	80.3	
C69854 (113435)	12	<10	<5	166	<10	<10	9	0.28	<5	<50	40.2	<1	25	84.4	
C69855 (113436)	10	<10	<5	138	<10	<10	6	0.26	<5	<50	31.6	<1	24	68.6	
C69856 (113437)	10	<10	<5	163	<10	<10	6	0.29	<5	<50	35.0	<1	25	62.7	
C69857 (113438)	11	<10	<5	166	<10	<10	7	0.30	<5	<50	35.9	<1	23	61.2	
C69858 (113439)	11	<10	<5	167	<10	<10	<5	0.30	<5	<50	34.4	<1	22	63.4	
C69859 (113440)	10	<10	<5	158	<10	<10	6	0.31	<5	<50	36.0	<1	24	62.7	
C69860 (113441)	12	<10	<5	138	<10	<10	8	0.28	<5	<50	37.1	<1	29	61.8	
C69861 (113442)	11	<10	<5	141	<10	<10	7	0.31	<5	<50	37.3	<1	30	60.3	
C69862 (113443)	10	<10	<5	137	<10	<10	5	0.29	<5	<50	34.6	<1	26	60.8	
C69863 (113444)	10	<10	<5	134	<10	<10	8	0.24	<5	<50	32.8	<1	27	43.4	
C69864 (113445)	11	<10	<5	122	<10	<10	6	0.24	<5	<50	34.3	<1	30	52.3	
C69865 (113446)	10	<10	<5	136	<10	<10	6	0.24	<5	<50	31.5	<1	26	57.3	
C69866 (113447)	46	<10	<5	113	<10	<10	<5	0.66	<5	<50	305	<1	23	73.8	
C69867 (113448)	11	<10	<5	146	<10	<10	7	0.26	<5	<50	34.8	<1	25	82.7	
C69868 (113449)	11	<10	<5	151	<10	<10	7	0.31	<5	<50	37.7	<1	24	139	
C69869 (113450)	11	<10	<5	134	<10	<10	<5	0.30	<5	<50	37.2	<1	25	83.3	
C69870 (113451)	11	<10	<5	144	<10	<10	<5	0.31	<5	<50	38.7	<1	29	69.8	
C69871 (113452)	11	<10	<5	145	<10	<10	12	0.30	<5	<50	39.5	<1	25	92.6	

Certified By:



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AGAT WORK ORDER: 19T453760

PROJECT: AGAT00606

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 03, 2019	DATE RECEIVED: Apr 04, 2019					DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
C69872 (113453)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	3.1	
C69873 (113454)	11	<10	<5	137	<10	<10	6	0.28	<5	<50	36.1	<1	25	80.0	
C69874 (113455)	17	<10	<5	181	<10	<10	7	0.30	<5	<50	61.2	<1	24	57.5	
C69875 (113456)	16	<10	<5	496	<10	<10	16	0.18	<5	<50	54.3	<1	50	52.1	
C69876 (113457)	13	<10	<5	445	<10	<10	37	0.18	<5	<50	58.2	<1	38	59.3	
C69877 (113458)	70	<10	<5	827	<10	<10	35	0.65	<5	<50	396	<1	36	87.6	
C69878 (113459)	71	<10	<5	857	<10	<10	41	0.66	<5	<50	401	<1	36	104	
C69879 (113460)	25	<10	<5	786	<10	<10	9	0.72	<5	<50	235	<1	31	99.9	
C69880 (113461)	37	<10	<5	701	<10	<10	9	0.60	<5	<50	249	<1	25	141	
C69881 (113462)	58	<10	<5	827	<10	<10	19	0.66	<5	<50	282	<1	25	115	
C69882 (113463)	56	<10	<5	736	<10	<10	12	0.56	<5	<50	264	<1	22	136	
C69883 (113464)	15	<10	<5	268	<10	<10	17	0.27	<5	<50	53.8	<1	34	63.9	
C69884 (113465)	11	<10	<5	158	<10	<10	6	0.30	<5	<50	40.3	<1	25	64.0	
C69885 (113466)	11	<10	<5	159	<10	<10	7	0.30	<5	<50	39.0	<1	26	59.5	
C69886 (113467)	35	<10	<5	257	<10	<10	<5	0.85	<5	<50	237	<1	23	85.3	
C69887 (113468)	11	<10	<5	162	<10	<10	6	0.30	<5	<50	37.4	<1	26	62.4	
C69888 (113469)	10	<10	<5	147	<10	<10	5	0.27	<5	<50	33.2	<1	28	62.5	
C69889 (113470)	11	<10	<5	146	<10	<10	6	0.27	<5	<50	32.9	<1	30	64.8	
C69890 (113471)	13	<10	<5	143	<10	<10	7	0.29	<5	<50	40.8	<1	29	68.5	
C69891 (113472)	12	<10	<5	153	<10	<10	5	0.31	<5	<50	36.9	<1	29	78.9	
C69892 (113473)	<1	<10	<5	73	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	1.8	
C69893 (113474)	10	<10	<5	164	<10	<10	7	0.24	<5	<50	31.4	<1	27	54.7	
C69894 (113475)	11	<10	<5	175	<10	<10	6	0.25	<5	<50	33.7	<1	26	61.9	
C69895 (113476)	9	<10	<5	182	<10	<10	6	0.24	<5	<50	29.7	<1	25	51.4	

Certified By:



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AGAT WORK ORDER: 19T453760

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 03, 2019

DATE RECEIVED: Apr 04, 2019

DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C69840 (113421)				223
C69841 (113422)				172
C69842 (113423)				220
C69843 (113424)				194
C69844 (113425)				192
C69845 (113426)				168
C69846 (113427)				57
C69847 (113428)				80
C69848 (113429)				70
C69849 (113430)				18
C69850 (113431)				198
C69851 (113432)				23
C69852 (113433)				<5
C69853 (113434)				111
C69854 (113435)				179
C69855 (113436)				165
C69856 (113437)				163
C69857 (113438)				172
C69858 (113439)				154
C69859 (113440)				201
C69860 (113441)				186
C69861 (113442)				188
C69862 (113443)				165
C69863 (113444)				182
C69864 (113445)				174
C69865 (113446)				166
C69866 (113447)				57
C69867 (113448)				165
C69868 (113449)				186
C69869 (113450)				165
C69870 (113451)				170
C69871 (113452)				176

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T453760

PROJECT: AGAT00606

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## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 03, 2019

DATE RECEIVED: Apr 04, 2019

DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

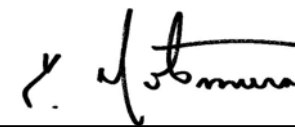
Analyte:	Zr
Unit:	ppm
RDL:	5

Sample ID (AGAT ID)	Concentration (ppm)
C69872 (113453)	<5
C69873 (113454)	162
C69874 (113455)	172
C69875 (113456)	55
C69876 (113457)	87
C69877 (113458)	165
C69878 (113459)	167
C69879 (113460)	270
C69880 (113461)	203
C69881 (113462)	343
C69882 (113463)	125
C69883 (113464)	123
C69884 (113465)	166
C69885 (113466)	180
C69886 (113467)	97
C69887 (113468)	170
C69888 (113469)	160
C69889 (113470)	179
C69890 (113471)	168
C69891 (113472)	185
C69892 (113473)	<5
C69893 (113474)	184
C69894 (113475)	176
C69895 (113476)	166

Comments: RDL - Reported Detection Limit

113421-113476 As, Sb values may be low due to digestion losses.

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T453760

PROJECT: AGAT00606

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 03, 2019      DATE RECEIVED: Apr 04, 2019      DATE REPORTED: Apr 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C69840 (113421)			0.002
C69841 (113422)			0.002
C69842 (113423)			0.001
C69843 (113424)			0.001
C69844 (113425)			0.001
C69845 (113426)			0.001
C69846 (113427)			0.528
C69847 (113428)			0.003
C69848 (113429)			0.002
C69849 (113430)			0.001
C69850 (113431)			0.001
C69851 (113432)			0.001
C69852 (113433)			0.001
C69853 (113434)			0.001
C69854 (113435)			0.002
C69855 (113436)			0.001
C69856 (113437)			0.001
C69857 (113438)			0.004
C69858 (113439)			0.002
C69859 (113440)			0.001
C69860 (113441)			0.001
C69861 (113442)			0.001
C69862 (113443)			0.002
C69863 (113444)			0.001
C69864 (113445)			0.001
C69865 (113446)			0.001
C69866 (113447)			0.539
C69867 (113448)			0.003
C69868 (113449)			0.002
C69869 (113450)			0.001
C69870 (113451)			0.002
C69871 (113452)			<0.001

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## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 03, 2019

DATE RECEIVED: Apr 04, 2019

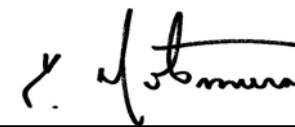
DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C69872 (113453)			0.001
C69873 (113454)			0.001
C69874 (113455)			0.004
C69875 (113456)			0.003
C69876 (113457)			0.008
C69877 (113458)			0.003
C69878 (113459)			0.003
C69879 (113460)			0.001
C69880 (113461)			0.001
C69881 (113462)			0.002
C69882 (113463)			0.001
C69883 (113464)			0.001
C69884 (113465)			0.003
C69885 (113466)			<0.001
C69886 (113467)			0.319
C69887 (113468)			<0.001
C69888 (113469)			0.002
C69889 (113470)			0.001
C69890 (113471)			0.001
C69891 (113472)			0.002
C69892 (113473)			0.003
C69893 (113474)			0.001
C69894 (113475)			<0.001
C69895 (113476)			0.002

Comments: RDL - Reported Detection Limit

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T453760

PROJECT: AGAT00606

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 03, 2019

DATE RECEIVED: Apr 04, 2019

DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
C69840 (113421)		78
C69859 (113440)		94
C69879 (113460)		96
C69888 (113469)		82

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	113421	< 0.5	< 0.5	0.0%	113435	< 0.5	< 0.5	0.0%	113446	< 0.5	< 0.5	0.0%	113460	< 0.5	< 0.5	0.0%
Al	113421	7.59	7.63	0.5%	113435	7.55	7.78	3.0%	113446	7.31	7.80	6.5%	113460	2.16	2.08	3.8%
As	113421	< 1	< 1	0.0%	113435	< 1	< 1	0.0%	113446	< 1	< 1	0.0%	113460	< 1	< 1	0.0%
Ba	113421	641	647	0.9%	113435	309	312	1.0%	113446	355	387	8.6%	113460	99	95	4.1%
Be	113421	5.5	5.4	1.8%	113435	3.8	3.7	2.7%	113446	1.8	1.8	0.0%	113460	8.7	8.7	0.0%
Bi	113421	9	9	0.0%	113435	7	8	13.3%	113446	6	6	0.0%	113460	20	18	10.5%
Ca	113421	2.32	2.28	1.7%	113435	1.96	1.99	1.5%	113446	2.36	2.52	6.6%	113460	9.14	8.87	3.0%
Cd	113421	< 0.5	< 0.5	0.0%	113435	< 0.5	< 0.5	0.0%	113446	< 0.5	< 0.5	0.0%	113460	< 0.5	< 0.5	0.0%
Ce	113421	44	42	4.7%	113435	53	50	5.8%	113446	42	43	2.4%	113460	123	117	5.0%
Co	113421	9.26	9.14	1.3%	113435	7.1	6.7	5.8%	113446	5.6	5.2	7.4%	113460	53.8	52.1	3.2%
Cr	113421	70.3	66.4	5.7%	113435	77.1	69.5	10.4%	113446	52.6	50.6	3.9%	113460	344	343	0.3%
Cu	113421	1.8	1.8	0.0%	113435	9.1	8.2	10.4%	113446	40.8	45.2	10.2%	113460	90.3	85.8	5.1%
Fe	113421	3.89	3.89	0.0%	113435	3.37	3.46	2.6%	113446	3.01	3.20	6.1%	113460	7.57	7.33	3.2%
Ga	113421	19	18	5.4%	113435	18	17	5.7%	113446	17	16	6.1%	113460	21	20	4.9%
In	113421	< 1	< 1	0.0%	113435	< 1	< 1	0.0%	113446	< 1	< 1	0.0%	113460	< 1	< 1	0.0%
K	113421	1.20	1.21	0.8%	113435	1.63	1.70	4.2%	113446	1.08	1.15	6.3%	113460	1.62	1.57	3.1%
La	113421	21	20	4.9%	113435	26	25	3.9%	113446	19	20	5.1%	113460	63	61	3.2%
Li	113421	40	40	0.0%	113435	28	28	0.0%	113446	24	25	4.1%	113460	28	27	3.6%
Mg	113421	1.12	1.12	0.0%	113435	0.763	0.786	3.0%	113446	0.672	0.721	7.0%	113460	7.56	7.33	3.1%
Mn	113421	605	602	0.5%	113435	637	654	2.6%	113446	552	592	7.0%	113460	1610	1570	2.5%
Mo	113421	4.8	5.3	9.9%	113435	7.3	7.1	2.8%	113446	7.3	6.4	13.1%	113460	3.35	3.61	7.5%
Na	113421	4.66	4.65	0.2%	113435	3.61	3.72	3.0%	113446	3.08	3.31	7.2%	113460	2.41	2.33	3.4%
Ni	113421	21.1	20.5	2.9%	113435	8.0	7.5	6.5%	113446	7.1	6.9	2.9%	113460	350	339	3.2%
P	113421	751	744	0.9%	113435	648	637	1.7%	113446	485	483	0.4%	113460	285	280	1.8%
Pb	113421	< 20	< 20	0.0%	113435	< 20	< 20	0.0%	113446	< 20	< 20	0.0%	113460	< 20	< 20	0.0%
Rb	113421	< 50	< 50	0.0%	113435	< 50	< 50	0.0%	113446	< 50	< 50	0.0%	113460	< 50	< 50	0.0%
S	113421	< 0.01	< 0.01	0.0%	113435	< 0.01	< 0.01	0.0%	113446	< 0.01	< 0.01	0.0%	113460	0.19	0.17	11.1%
Sb	113421	4	2		113435	6	6	0.0%	113446	2	3		113460	< 1	< 1	0.0%
Sc	113421	13	12	8.0%	113435	12	11	8.7%	113446	10	10	0.0%	113460	25	25	0.0%
Se	113421	< 10	< 10	0.0%	113435	< 10	< 10	0.0%	113446	< 10	< 10	0.0%	113460	< 10	< 10	0.0%
Sn	113421	< 5	< 5	0.0%	113435	< 5	< 5	0.0%	113446	< 5	< 5	0.0%	113460	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

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Sr	113421	213	210	1.4%	113435	166	171	3.0%	113446	136	146	7.1%	113460	786	777	1.2%
Ta	113421	< 10	< 10	0.0%	113435	< 10	< 10	0.0%	113446	< 10	< 10	0.0%	113460	< 10	< 10	0.0%
Te	113421	< 10	< 10	0.0%	113435	< 10	< 10	0.0%	113446	< 10	< 10	0.0%	113460	< 10	< 10	0.0%
Th	113421	11	9	20.0%	113435	9	7	25.0%	113446	6	5	18.2%	113460	9	10	10.5%
Ti	113421	0.385	0.382	0.8%	113435	0.283	0.288	1.8%	113446	0.243	0.262	7.5%	113460	0.717	0.675	6.0%
Tl	113421	< 5	< 5	0.0%	113435	< 5	< 5	0.0%	113446	< 5	< 5	0.0%	113460	< 5	< 5	0.0%
U	113421	< 50	< 50	0.0%	113435	< 50	< 50	0.0%	113446	< 50	< 50	0.0%	113460	< 50	< 50	0.0%
V	113421	51.7	50.3	2.7%	113435	40.2	39.0	3.0%	113446	31.5	31.8	0.9%	113460	235	233	0.9%
W	113421	< 1	< 1	0.0%	113435	< 1	< 1	0.0%	113446	< 1	< 1	0.0%	113460	< 1	< 1	0.0%
Y	113421	28	27	3.6%	113435	25	24	4.1%	113446	26	27	3.8%	113460	31	31	0.0%
Zn	113421	71.8	70.5	1.8%	113435	84.4	84.0	0.5%	113446	57.3	61.7	7.4%	113460	99.9	99.7	0.2%
Zr	113421	223	222	0.4%	113435	179	172	4.0%	113446	166	163	1.8%	113460	270	257	4.9%

		REPLICATE #5														
Parameter	Sample ID	Original	Replicate	RPD												
Ag	113471	< 0.5	< 0.5	0.0%												
Al	113471	7.34	7.63	3.9%												
As	113471	< 1	< 1	0.0%												
Ba	113471	357	370	3.6%												
Be	113471	1.8	1.8	0.0%												
Bi	113471	4	7													
Ca	113471	2.48	2.60	4.7%												
Cd	113471	< 0.5	< 0.5	0.0%												
Ce	113471	44	43	2.3%												
Co	113471	6.66	6.40	4.0%												
Cr	113471	55.7	64.7	15.0%												
Cu	113471	18.0	18.9	4.9%												
Fe	113471	3.38	3.58	5.7%												
Ga	113471	18	18	0.0%												
In	113471	< 1	< 1	0.0%												
K	113471	1.47	1.53	4.0%												
La	113471	20	20	0.0%												
Li	113471	27	28	3.6%												
Mg	113471	0.763	0.797	4.4%												
Mn	113471	542	569	4.9%												



CLIENT NAME: GOLDCORP BORDEN LIMITED

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Mo	113471	6.7	6.5	3.0%												
Na	113471	3.68	4.15	12.0%												
Ni	113471	7.62	7.87	3.2%												
P	113471	564	578	2.5%												
Pb	113471	< 20	< 20	0.0%												
Rb	113471	< 50	< 50	0.0%												
S	113471	< 0.01	< 0.01	0.0%												
Sb	113471	< 1	5													
Sc	113471	13	13	0.0%												
Se	113471	< 10	< 10	0.0%												
Sn	113471	< 5	< 5	0.0%												
Sr	113471	143	152	6.1%												
Ta	113471	< 10	< 10	0.0%												
Te	113471	< 10	< 10	0.0%												
Th	113471	7	5													
Ti	113471	0.293	0.307	4.7%												
Tl	113471	< 5	< 5	0.0%												
U	113471	< 50	< 50	0.0%												
V	113471	40.8	41.1	0.7%												
W	113471	< 1	< 1	0.0%												
Y	113471	29	29	0.0%												
Zn	113471	68.5	71.5	4.3%												
Zr	113471	168	184	9.1%												

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	113421	0.002	0.003		113435	0.002	0.001		113446	0.001	0.001	0.0%	113460	0.001	0.001	0.0%
Parameter	REPLICATE #5															
	Sample ID	Original	Replicate	RPD												
Au	113471	0.001	0.001	0.0%												



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.SY-4)				CRM #3 (ref.Till-2)				CRM #4 (ref.GTS-2a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al					10.95	10.44	95%	90% - 110%	8.17	8.6	105%	90% - 110%	6.96	7.23	104%	90% - 110%
As									26	23	88%	90% - 110%	124	115	92%	90% - 110%
Ba					340	313	92%	90% - 110%	540	519	96%	90% - 110%	186	180	97%	90% - 110%
Be					2.6	2.7	106%	90% - 110%	4.0	4	99%	90% - 110%				
Ca					5.72	5.27	92%	90% - 110%	0.907	0.878	97%	90% - 110%	4.01	3.98	99%	90% - 110%
Ce					122	118	97%	90% - 110%	98	101	103%	90% - 110%				
Co													22.1	20.1	91%	90% - 110%
Cr									60.3	63.8	106%	90% - 110%				
Cu									150	152	101%	90% - 110%	88.6	87.3	99%	90% - 110%
Fe					4.34	3.96	91%	90% - 110%	3.77	3.66	97%	90% - 110%	7.56	7.53	100%	90% - 110%
Ga					35	34	98%	90% - 110%								
K					1.37	1.49	109%	90% - 110%					2.021	2.198	109%	90% - 110%
La					58	54	93%	90% - 110%	44	45	102%	90% - 110%				
Li					37	40	108%	90% - 110%	47	51	109%	90% - 110%				
Mg					0.325	0.296	91%	90% - 110%	1.10	1.11	101%	90% - 110%	2.412	2.48	103%	90% - 110%
Mn									780	766	98%	90% - 110%	1510	1498	99%	90% - 110%
Mo									14	15	107%	90% - 110%				
Na					5.267	5.097	97%	90% - 110%	1.624	1.684	104%	90% - 110%	0.617	0.675	109%	90% - 110%
Ni									32	32	101%	90% - 110%	77.1	69.8	91%	90% - 110%
P									750	737	98%	90% - 110%	892	866	97%	90% - 110%
Pb									31	25	80%	90% - 110%				
S	0.348	0.38	109%	90% - 110%												
Sb									0.8	0.8	100%	90% - 110%				
Sc					1.1	1.1	97%	90% - 110%	12	13	108%	90% - 110%				
Sr					1191	1167	98%	90% - 110%	144	156	108%	90% - 110%	92.8	95.4	103%	90% - 110%
Th									18.4	18.4	100%	90% - 110%				
Ti					0.172	0.159	93%	90% - 110%	0.53	0.48	91%	90% - 110%				
V					8	6	79%	90% - 110%	77	80	104%	90% - 110%				
Y					119	124	105%	90% - 110%								
Zn					93	88	95%	90% - 110%	130	119	91%	90% - 110%	208	204	98%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS5W)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	7.02	102%	90% - 110%	0.725	0.724	100%	90% - 110%	5.27	5.27	100%	90% - 110%	0.562	0.573	102%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00606  
 SAMPLING SITE:

AGAT WORK ORDER: 19T453760  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00609

AGAT WORK ORDER: 19T453788

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Apr 18, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.





## Certificate of Analysis

AGAT WORK ORDER: 19T453788

PROJECT: AGAT00609

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 03, 2019

DATE RECEIVED: Apr 04, 2019

DATE REPORTED: Apr 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D60979 (113713)		2.81
D60980 (113714)		3.66
D60981 (113715)		3.60
D60982 (113716)		3.50
D60983 (113717)		3.67
D60984 (113718)		3.53
D60985 (113719)		3.62
D60986 (113720)		0.07
D60987 (113721)		3.83
D60988 (113722)		3.24
D60989 (113723)		3.57
D60990 (113724)		3.68
D60991 (113725)		3.60
D60992 (113726)		0.95
D60993 (113727)		3.37
D60994 (113728)		3.26
D60995 (113729)		3.59
D60996 (113730)		3.26
D60997 (113731)		3.18
D60998 (113732)		3.18
D60999 (113733)		3.28
D61000 (113734)		3.50
D61001 (113735)		3.26
D61002 (113736)		2.00
D61003 (113737)		1.24
D61004 (113738)		3.24
D61005 (113739)		1.05
D61006 (113740)		0.07
D61007 (113741)		0.71
D61008 (113742)		1.49
D61009 (113743)		3.32

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T453788

PROJECT: AGAT00609

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 03, 2019      DATE RECEIVED: Apr 04, 2019      DATE REPORTED: Apr 18, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D61010 (113744)		3.01
D61011 (113745)		0.76
D61012 (113746)		0.93
D61013 (113747)		1.99
D61014 (113748)		3.56
D61015 (113749)		2.87
D61016 (113750)		1.00
D61017 (113751)		0.59
D61018 (113752)		0.59
D61019 (113753)		2.53
D61020 (113754)		3.15
D61021 (113755)		3.22
D61022 (113756)		3.74
D61023 (113757)		3.34
D61024 (113758)		3.06
D61025 (113759)		1.61
D61026 (113760)		0.07
D61027 (113761)		0.74
D61028 (113762)		2.38
D61029 (113763)		1.56
D61030 (113764)		3.14
D61031 (113765)		2.59
D61032 (113766)		0.82
D61033 (113767)		1.57
D61034 (113768)		2.22
D61035 (113769)		3.40
D61036 (113770)		2.95
D61037 (113771)		1.97
D61038 (113772)		1.97
D61039 (113773)		1.55
D61040 (113774)		2.30

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T453788

PROJECT: AGAT00609

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 03, 2019

DATE RECEIVED: Apr 04, 2019

DATE REPORTED: Apr 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D61041 (113775)		2.25
D61042 (113776)		2.08
D61043 (113777)		1.80
D61044 (113778)		1.86
D61045 (113779)		1.81
D61046 (113780)		0.07
D61047 (113781)		2.37
D61048 (113782)		2.30
D61049 (113783)		2.10
D61050 (113784)		0.85

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T453788

PROJECT: AGAT00609

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 03, 2019	DATE RECEIVED: Apr 04, 2019							DATE REPORTED: Apr 18, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D60979 (113713)	<0.5	7.65	<1	234	<0.5	<1	8.05	<0.5	5	41.6	136	101	9.06	24	
D60980 (113714)	<0.5	7.82	<1	98	<0.5	<1	8.45	<0.5	3	44.3	113	126	9.41	25	
D60981 (113715)	<0.5	7.37	<1	113	<0.5	<1	8.56	<0.5	3	40.7	92.4	123	9.18	24	
D60982 (113716)	<0.5	7.69	<1	70	<0.5	<1	8.24	<0.5	2	41.6	107	116	9.31	23	
D60983 (113717)	<0.5	4.64	<1	735	1.0	<1	8.64	<0.5	142	57.5	393	128	9.55	23	
D60984 (113718)	<0.5	7.64	<1	61	0.5	<1	7.36	<0.5	3	42.3	103	105	9.48	23	
D60985 (113719)	<0.5	7.64	<1	53	<0.5	<1	6.95	<0.5	3	40.9	126	112	9.59	26	
D60986 (113720)	<0.5	7.73	<1	187	<0.5	<1	6.42	<0.5	15	41.2	167	112	8.08	22	
D60987 (113721)	<0.5	7.86	<1	50	<0.5	<1	8.25	<0.5	2	42.5	127	129	9.33	25	
D60988 (113722)	<0.5	7.44	<1	92	<0.5	<1	8.44	<0.5	2	39.9	110	125	8.89	23	
D60989 (113723)	<0.5	8.04	<1	113	<0.5	<1	7.07	<0.5	3	42.7	79.8	85.9	9.61	25	
D60990 (113724)	<0.5	7.37	<1	228	<0.5	<1	6.60	<0.5	4	43.8	105	90.3	10.7	28	
D60991 (113725)	<0.5	7.26	<1	124	<0.5	<1	6.15	<0.5	4	41.1	193	80.1	9.42	27	
D60992 (113726)	<0.5	0.06	<1	16	<0.5	<1	31.6	<0.5	<1	0.6	6.4	<0.5	0.17	<5	
D60993 (113727)	<0.5	7.20	<1	203	<0.5	<1	4.80	<0.5	11	38.7	449	73.8	8.38	25	
D60994 (113728)	<0.5	7.40	<1	469	0.6	<1	3.72	<0.5	41	19.6	213	40.8	4.64	18	
D60995 (113729)	<0.5	7.69	<1	508	0.6	<1	2.98	<0.5	53	19.6	127	32.2	4.62	19	
D60996 (113730)	<0.5	7.38	<1	595	0.7	<1	2.75	<0.5	51	18.8	125	45.6	4.25	18	
D60997 (113731)	<0.5	7.66	<1	648	0.7	<1	2.84	<0.5	53	17.9	113	31.9	4.09	17	
D60998 (113732)	<0.5	7.45	<1	632	0.8	<1	2.79	<0.5	55	18.2	111	30.2	4.11	18	
D60999 (113733)	<0.5	7.25	<1	587	0.6	<1	2.53	<0.5	52	18.8	117	34.5	4.14	17	
D61000 (113734)	<0.5	7.32	<1	660	0.9	<1	2.26	<0.5	57	16.9	96.2	35.7	3.65	18	
D61001 (113735)	<0.5	7.64	<1	717	0.9	<1	2.95	<0.5	61	18.4	121	31.9	4.05	17	
D61002 (113736)	<0.5	5.32	<1	1330	<0.5	<1	5.41	<0.5	128	45.3	434	90.4	6.12	19	
D61003 (113737)	<0.5	7.18	<1	707	1.4	<1	3.41	<0.5	63	17.6	128	77.9	3.90	18	
D61004 (113738)	<0.5	8.39	<1	829	1.6	<1	3.17	<0.5	61	19.2	92.7	7.1	4.23	19	
D61005 (113739)	<0.5	7.18	<1	582	1.5	<1	3.81	<0.5	40	22.5	185	17.3	4.72	18	
D61006 (113740)	<0.5	7.46	<1	177	<0.5	<1	6.29	<0.5	15	41.1	175	102	7.91	23	
D61007 (113741)	<0.5	3.61	<1	610	3.4	<1	6.34	<0.5	125	44.1	402	44.6	6.38	17	
D61008 (113742)	<0.5	7.01	<1	702	1.0	<1	3.39	<0.5	59	20.6	109	69.7	4.18	18	
D61009 (113743)	<0.5	6.66	<1	779	0.7	<1	4.36	<0.5	51	23.4	203	32.4	4.92	16	
D61010 (113744)	<0.5	6.63	<1	820	1.0	<1	4.63	<0.5	58	27.2	331	42.5	5.30	17	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T453788

PROJECT: AGAT00609

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 03, 2019	DATE RECEIVED: Apr 04, 2019							DATE REPORTED: Apr 18, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D61011 (113745)	<0.5	7.07	<1	552	1.1	<1	1.99	<0.5	40	11.6	165	19.9	3.22	18	
D61012 (113746)	<0.5	0.09	<1	19	<0.5	<1	30.1	<0.5	<1	<0.5	7.3	<0.5	0.16	<5	
D61013 (113747)	<0.5	5.75	<1	457	1.0	<1	4.38	<0.5	57	23.3	336	35.3	4.57	16	
D61014 (113748)	<0.5	6.73	<1	670	1.1	<1	4.48	<0.5	59	27.1	279	27.8	5.05	18	
D61015 (113749)	<0.5	6.55	<1	1040	1.1	<1	4.48	<0.5	55	26.7	294	60.4	4.94	17	
D61016 (113750)	<0.5	6.36	<1	596	1.1	<1	4.39	<0.5	55	24.3	277	30.9	4.60	16	
D61017 (113751)	<0.5	7.10	3	609	1.2	<1	1.28	<0.5	53	3.1	26.6	6.6	1.03	15	
D61018 (113752)	<0.5	7.38	2	635	1.2	<1	1.26	<0.5	55	2.9	29.0	6.7	1.05	15	
D61019 (113753)	<0.5	6.48	<1	1120	1.1	<1	4.63	<0.5	59	29.1	406	56.7	5.26	17	
D61020 (113754)	<0.5	5.75	<1	724	0.9	<1	5.09	<0.5	49	34.8	585	28.2	5.76	18	
D61021 (113755)	<0.5	7.03	<1	1040	1.0	<1	4.48	<0.5	57	28.0	220	111	5.44	18	
D61022 (113756)	<0.5	6.51	<1	922	1.4	<1	4.66	<0.5	55	30.6	315	41.6	5.58	19	
D61023 (113757)	<0.5	6.76	<1	705	0.8	<1	4.37	<0.5	52	24.7	207	2.0	5.26	17	
D61024 (113758)	<0.5	7.20	<1	713	0.7	<1	3.03	<0.5	52	21.3	110	69.0	4.64	18	
D61025 (113759)	<0.5	7.38	<1	885	1.7	<1	3.30	<0.5	58	22.3	139	56.7	4.75	17	
D61026 (113760)	<0.5	7.70	<1	189	<0.5	<1	6.46	<0.5	16	40.4	159	112	8.07	24	
D61027 (113761)	<0.5	5.63	<1	933	1.3	<1	5.43	<0.5	47	27.0	396	14.6	4.62	14	
D61028 (113762)	<0.5	6.12	<1	932	1.3	<1	5.02	<0.5	53	33.0	486	15.3	5.42	16	
D61029 (113763)	<0.5	6.15	<1	866	1.4	<1	4.92	<0.5	51	31.9	464	42.3	5.49	18	
D61030 (113764)	<0.5	7.71	<1	144	<0.5	<1	7.29	<0.5	10	34.7	132	112	7.12	19	
D61031 (113765)	<0.5	7.69	<1	209	0.8	<1	7.19	<0.5	12	34.7	108	108	7.04	19	
D61032 (113766)	<0.5	0.11	2	16	<0.5	<1	31.5	<0.5	<1	0.6	2.1	<0.5	0.17	<5	
D61033 (113767)	<0.5	6.78	<1	722	1.6	<1	4.74	<0.5	55	81.7	209	7.4	4.88	17	
D61034 (113768)	<0.5	7.10	2	407	1.1	<1	0.99	<0.5	27	108	12.3	1.1	0.64	15	
D61035 (113769)	<0.5	7.36	1	534	0.9	<1	0.86	<0.5	25	206	10.7	1.8	0.46	13	
D61036 (113770)	<0.5	7.27	<1	459	1.1	<1	0.91	<0.5	8	218	7.5	<0.5	0.49	15	
D61037 (113771)	<0.5	7.98	4	555	1.4	<1	1.56	<0.5	41	160	11.7	4.7	0.56	16	
D61038 (113772)	<0.5	7.37	4	517	1.5	<1	1.44	<0.5	39	142	9.7	3.5	0.49	16	
D61039 (113773)	<0.5	2.81	20	626	2.8	<1	8.96	<0.5	128	54.2	259	87.3	6.93	19	
D61040 (113774)	<0.5	7.36	<1	531	1.0	<1	0.93	<0.5	33	163	7.6	1.8	0.48	14	
D61041 (113775)	<0.5	7.14	3	386	1.5	<1	1.11	<0.5	61	167	9.8	<0.5	0.90	17	
D61042 (113776)	<0.5	8.20	<1	604	2.0	<1	2.39	<0.5	79	88.1	33.8	15.3	2.69	20	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T453788

PROJECT: AGAT00609

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 03, 2019		DATE RECEIVED: Apr 04, 2019						DATE REPORTED: Apr 18, 2019				SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D61043 (113777)		<0.5	7.24	<1	392	1.2	<1	0.98	<0.5	20	193	11.0	<0.5	0.58	15
D61044 (113778)		<0.5	7.38	<1	371	1.0	<1	0.65	<0.5	5	179	8.6	<0.5	0.44	15
D61045 (113779)		<0.5	7.22	2	349	1.5	<1	1.12	<0.5	22	207	9.1	0.5	0.34	16
D61046 (113780)		<0.5	7.61	<1	186	<0.5	<1	6.34	<0.5	15	40.9	148	109	7.89	23
D61047 (113781)		<0.5	5.77	38	773	9.3	<1	6.01	<0.5	77	50.6	212	55.2	5.33	16
D61048 (113782)		<0.5	7.51	<1	647	1.2	<1	2.49	<0.5	50	92.6	55.0	52.8	3.85	17
D61049 (113783)		<0.5	7.54	<1	587	1.1	<1	2.74	<0.5	67	97.4	54.0	31.0	3.82	20
D61050 (113784)		<0.5	7.43	<1	438	1.1	<1	1.12	<0.5	55	130	16.7	7.0	1.50	17

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ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 03, 2019

DATE RECEIVED: Apr 04, 2019

DATE REPORTED: Apr 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D60979 (113713)		<1	0.37	6	16	2.59	1980	1.5	1.69	74.8	355	<20	<50	0.12	<1
D60980 (113714)		<1	0.48	5	20	2.58	1890	1.4	1.73	82.0	336	<20	<50	0.13	<1
D60981 (113715)		<1	0.38	4	16	2.40	1970	1.5	2.15	74.4	314	<20	<50	0.20	1
D60982 (113716)		<1	0.33	4	14	2.66	1930	1.4	1.88	75.7	297	<20	<50	0.13	<1
D60983 (113717)		<1	1.10	68	20	7.42	1790	1.8	1.38	313	2310	<20	<50	0.19	2
D60984 (113718)		<1	0.27	5	21	3.92	1530	1.1	1.61	75.9	292	<20	<50	0.11	<1
D60985 (113719)		<1	0.35	5	35	3.85	1670	1.3	1.75	73.2	299	<20	<50	0.11	<1
D60986 (113720)		<1	0.45	10	10	4.35	1340	1.4	2.47	103	891	<20	<50	0.11	2
D60987 (113721)		<1	0.17	5	11	2.46	1950	1.2	1.72	76.6	330	<20	<50	0.14	2
D60988 (113722)		<1	0.17	4	14	2.98	1600	1.2	1.40	71.5	293	<20	<50	0.14	2
D60989 (113723)		<1	0.27	5	17	3.98	1450	1.0	2.02	74.3	291	<20	<50	0.08	4
D60990 (113724)		<1	0.63	6	15	2.97	1680	1.7	1.61	51.4	427	<20	<50	0.13	3
D60991 (113725)		<1	0.32	5	16	2.92	1620	1.2	1.83	57.4	563	<20	<50	0.17	2
D60992 (113726)		<1	0.01	2	<1	1.80	116	<0.5	0.03	<0.5	70	<20	<50	0.14	<1
D60993 (113727)		<1	0.62	8	15	3.58	1570	1.9	1.90	116	705	<20	<50	0.13	2
D60994 (113728)		<1	1.37	19	16	1.71	917	1.0	2.46	51.6	657	<20	<50	0.10	<1
D60995 (113729)		<1	1.74	25	22	1.65	814	4.9	2.39	48.8	713	<20	<50	0.10	<1
D60996 (113730)		<1	1.74	24	23	1.58	731	5.9	2.38	50.1	684	<20	<50	0.15	<1
D60997 (113731)		<1	1.64	26	24	1.56	745	5.3	2.60	46.5	649	<20	<50	0.10	<1
D60998 (113732)		<1	1.59	25	24	1.53	732	5.1	2.53	46.4	671	<20	<50	0.11	<1
D60999 (113733)		<1	1.56	25	25	1.57	690	6.1	2.55	46.8	619	<20	<50	0.11	<1
D61000 (113734)		<1	1.71	27	23	1.33	633	5.3	2.63	41.6	668	<20	<50	0.10	<1
D61001 (113735)		<1	1.79	28	18	1.84	665	9.9	2.66	49.5	737	<20	<50	0.10	<1
D61002 (113736)		<1	2.43	62	29	6.71	993	4.7	2.04	256	1240	<20	<50	0.23	2
D61003 (113737)		<1	2.16	31	32	1.82	663	5.4	2.92	53.2	758	<20	<50	0.14	<1
D61004 (113738)		<1	2.36	29	25	1.89	641	4.6	3.05	51.9	757	<20	<50	0.04	<1
D61005 (113739)		<1	2.43	23	15	2.16	814	6.2	2.49	56.4	601	<20	<50	0.03	<1
D61006 (113740)		<1	0.45	10	10	4.34	1330	1.1	2.44	103	890	<20	<50	0.10	1
D61007 (113741)		<1	1.99	62	226	6.78	1130	5.1	1.85	284	1820	<20	<50	0.09	<1
D61008 (113742)		<1	2.17	27	26	2.07	723	4.5	2.40	54.6	877	<20	<50	0.07	<1
D61009 (113743)		<1	2.24	24	20	3.31	863	5.2	2.03	61.0	886	<20	<50	0.05	<1
D61010 (113744)		<1	1.99	27	21	4.63	968	3.8	2.20	100	1110	<20	<50	0.05	<1

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T453788

PROJECT: AGAT00609

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 03, 2019	DATE RECEIVED: Apr 04, 2019					DATE REPORTED: Apr 18, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D61011 (113745)	<1	2.96	19	25	1.94	572	5.3	2.68	46.9	582	<20	<50	0.03	<1	
D61012 (113746)	<1	0.02	2	1	2.53	112	<0.5	0.06	1.0	70	<20	<50	0.12	<1	
D61013 (113747)	<1	1.74	27	28	4.15	909	3.8	2.22	114	1100	<20	<50	0.06	<1	
D61014 (113748)	<1	2.17	28	33	4.86	904	2.9	2.54	136	1330	<20	<50	0.04	<1	
D61015 (113749)	<1	2.47	26	39	5.02	866	2.7	2.28	136	1160	<20	<50	0.07	<1	
D61016 (113750)	<1	2.11	25	29	5.04	879	3.2	2.45	133	932	<20	<50	0.03	<1	
D61017 (113751)	<1	3.56	25	11	0.47	137	4.5	2.67	11.3	332	<20	<50	0.02	<1	
D61018 (113752)	<1	3.71	25	12	0.43	134	5.3	2.75	9.9	320	<20	<50	0.02	<1	
D61019 (113753)	<1	2.78	28	29	5.73	912	2.9	2.00	145	1370	<20	<50	0.03	<1	
D61020 (113754)	<1	2.48	24	43	7.08	1060	2.4	1.70	215	1520	<20	<50	0.04	<1	
D61021 (113755)	<1	1.90	27	27	4.51	930	2.5	2.64	85.0	1140	<20	<50	0.10	<1	
D61022 (113756)	<1	2.29	25	45	5.39	1010	2.1	2.18	124	1230	<20	<50	0.04	<1	
D61023 (113757)	<1	1.87	23	30	3.83	952	3.4	2.54	71.4	1170	<20	<50	0.03	<1	
D61024 (113758)	<1	1.76	24	26	2.18	767	5.6	2.80	52.4	870	<20	<50	0.13	<1	
D61025 (113759)	<1	2.23	27	27	2.86	749	4.5	2.86	62.9	955	<20	<50	0.12	<1	
D61026 (113760)	<1	0.45	10	10	4.38	1340	1.3	2.43	101	864	<20	<50	0.11	<1	
D61027 (113761)	<1	2.55	23	44	5.32	896	4.5	1.65	173	1250	<20	<50	0.05	<1	
D61028 (113762)	<1	2.65	25	32	6.69	1000	2.1	2.03	206	1120	<20	<50	0.04	<1	
D61029 (113763)	<1	2.64	24	27	6.32	990	2.9	1.98	186	1140	<20	<50	0.05	<1	
D61030 (113764)	<1	0.55	7	5	4.24	1240	4.4	1.59	86.1	257	<20	<50	0.10	<1	
D61031 (113765)	<1	0.90	8	12	4.30	1240	4.0	1.73	86.6	292	<20	<50	0.10	<1	
D61032 (113766)	<1	0.02	2	1	1.55	112	<0.5	0.08	0.8	79	<20	<50	0.13	<1	
D61033 (113767)	<1	2.22	25	31	4.49	952	<0.5	2.53	105	1490	<20	<50	0.03	<1	
D61034 (113768)	<1	4.07	13	7	0.25	121	<0.5	2.71	6.5	82	<20	<50	0.03	<1	
D61035 (113769)	<1	5.43	12	23	0.24	97	<0.5	2.36	10.0	79	<20	<50	0.02	<1	
D61036 (113770)	<1	4.31	3	6	0.19	84	<0.5	2.63	3.8	128	<20	<50	0.01	<1	
D61037 (113771)	<1	4.26	19	14	0.43	112	0.5	3.36	13.3	484	<20	<50	0.03	<1	
D61038 (113772)	<1	3.86	18	12	0.38	100	<0.5	3.09	12.2	473	<20	<50	0.03	<1	
D61039 (113773)	<1	2.62	66	117	7.30	1560	1.7	1.61	271	1960	<20	<50	0.21	<1	
D61040 (113774)	<1	4.52	15	7	0.26	76	<0.5	2.75	4.7	311	<20	<50	0.03	<1	
D61041 (113775)	<1	3.32	28	9	0.28	137	<0.5	2.90	4.5	346	<20	<50	0.02	<1	
D61042 (113776)	<1	1.54	37	34	1.35	529	<0.5	3.66	27.7	752	<20	<50	0.03	<1	

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T453788

PROJECT: AGAT00609

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 03, 2019	DATE RECEIVED: Apr 04, 2019					DATE REPORTED: Apr 18, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D61043 (113777)	<1	3.90	8	8	0.20	92	<0.5	2.85	3.5	186	<20	<50	0.01	<1	
D61044 (113778)	<1	4.99	<2	5	0.15	56	<0.5	2.56	2.7	153	<20	<50	<0.01	<1	
D61045 (113779)	<1	3.14	9	5	0.08	39	<0.5	3.32	1.6	235	47	<50	0.02	<1	
D61046 (113780)	<1	0.45	10	10	4.35	1330	1.1	2.40	102	868	<20	<50	0.11	1	
D61047 (113781)	<1	2.08	38	124	5.06	1170	2.3	3.26	291	1110	<20	<50	0.15	<1	
D61048 (113782)	<1	1.85	24	22	1.51	674	0.9	3.20	41.2	787	<20	<50	0.12	<1	
D61049 (113783)	<1	1.73	32	28	1.53	671	1.1	3.06	45.7	1000	<20	<50	0.07	<1	
D61050 (113784)	<1	3.80	25	15	0.48	261	<0.5	2.79	13.4	490	<20	<50	0.03	<1	

Certified By:



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AGAT WORK ORDER: 19T453788

PROJECT: AGAT00609

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 03, 2019	DATE RECEIVED: Apr 04, 2019					DATE REPORTED: Apr 18, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D60979 (113713)	46	<10	<5	135	<10	<10	<5	0.62	<5	<50	306	2	26	95.6	
D60980 (113714)	53	<10	<5	116	<10	<10	<5	0.63	<5	<50	329	3	26	97.2	
D60981 (113715)	47	<10	<5	103	<10	<10	<5	0.60	<5	<50	301	5	24	88.0	
D60982 (113716)	47	<10	<5	113	<10	<10	<5	0.62	<5	<50	303	2	24	101	
D60983 (113717)	34	<10	<5	590	<10	<10	<5	1.12	<5	<50	252	3	28	103	
D60984 (113718)	49	<10	<5	114	<10	<10	<5	0.62	<5	<50	315	3	27	97.8	
D60985 (113719)	50	<10	<5	114	<10	<10	<5	0.60	<5	<50	318	3	26	99.0	
D60986 (113720)	36	<10	<5	254	<10	10	<5	0.89	<5	<50	236	3	23	90.6	
D60987 (113721)	49	<10	<5	103	<10	<10	<5	0.64	<5	<50	318	3	25	92.5	
D60988 (113722)	46	<10	<5	106	<10	<10	<5	0.59	<5	<50	298	3	23	94.7	
D60989 (113723)	50	<10	<5	138	<10	<10	<5	0.65	<5	<50	318	2	25	98.6	
D60990 (113724)	49	<10	<5	76	<10	<10	<5	0.82	<5	<50	347	4	32	133	
D60991 (113725)	44	<10	<5	183	<10	<10	<5	0.92	<5	<50	302	2	30	118	
D60992 (113726)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	3.1	
D60993 (113727)	36	<10	<5	192	<10	<10	<5	0.80	<5	<50	214	2	32	102	
D60994 (113728)	19	<10	<5	387	<10	<10	<5	0.38	<5	<50	125	3	15	70.1	
D60995 (113729)	17	<10	<5	447	<10	<10	<5	0.40	<5	<50	121	3	15	70.5	
D60996 (113730)	16	<10	<5	422	<10	<10	<5	0.37	<5	<50	114	2	13	66.3	
D60997 (113731)	16	<10	<5	505	<10	<10	<5	0.37	<5	<50	111	2	13	69.5	
D60998 (113732)	16	<10	<5	493	<10	<10	<5	0.36	<5	<50	112	3	14	69.4	
D60999 (113733)	16	<10	<5	497	<10	<10	<5	0.37	<5	<50	115	3	14	70.5	
D61000 (113734)	14	<10	<5	490	<10	<10	6	0.33	<5	<50	102	2	12	63.6	
D61001 (113735)	16	<10	<5	577	<10	<10	<5	0.37	<5	<50	112	2	13	68.4	
D61002 (113736)	20	<10	<5	784	<10	<10	<5	1.27	<5	<50	181	2	18	70.3	
D61003 (113737)	14	<10	<5	579	<10	<10	9	0.30	<5	<50	91.4	2	12	61.9	
D61004 (113738)	16	<10	<5	656	<10	<10	6	0.36	<5	<50	117	1	15	68.6	
D61005 (113739)	21	<10	<5	551	<10	<10	<5	0.59	<5	<50	176	5	13	71.8	
D61006 (113740)	36	<10	<5	247	<10	<10	<5	0.87	<5	<50	236	3	23	85.3	
D61007 (113741)	29	<10	<5	784	<10	11	7	0.93	<5	<50	187	5	25	79.8	
D61008 (113742)	18	<10	<5	549	<10	<10	5	0.37	<5	<50	123	2	15	89.6	
D61009 (113743)	21	<10	<5	638	<10	<10	<5	0.36	<5	<50	131	1	14	76.8	
D61010 (113744)	22	<10	<5	689	<10	<10	<5	0.36	<5	<50	130	1	14	82.5	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T453788

PROJECT: AGAT00609

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 03, 2019

DATE RECEIVED: Apr 04, 2019

DATE REPORTED: Apr 18, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D61011 (113745)	10	<10	<5	382	<10	<10	8	0.18	<5	<50	53.0	1	7	101
D61012 (113746)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	4.0
D61013 (113747)	17	<10	<5	507	<10	<10	<5	0.33	<5	<50	103	3	12	110
D61014 (113748)	21	<10	<5	586	<10	<10	<5	0.34	<5	<50	123	3	14	80.3
D61015 (113749)	21	<10	<5	686	<10	<10	<5	0.32	<5	<50	121	3	14	74.7
D61016 (113750)	19	<10	<5	550	<10	<10	<5	0.28	<5	<50	105	2	12	77.9
D61017 (113751)	3	<10	<5	401	<10	<10	18	0.07	<5	<50	14.4	<1	4	27.6
D61018 (113752)	3	<10	<5	444	<10	<10	19	0.07	<5	<50	13.3	<1	4	27.5
D61019 (113753)	21	<10	<5	671	<10	<10	<5	0.35	<5	<50	132	2	14	78.1
D61020 (113754)	25	<10	<5	478	<10	<10	<5	0.33	<5	<50	141	3	14	78.7
D61021 (113755)	24	<10	<5	780	<10	<10	<5	0.36	<5	<50	143	3	15	77.6
D61022 (113756)	28	<10	<5	670	<10	<10	<5	0.36	<5	<50	152	2	16	77.3
D61023 (113757)	23	<10	<5	643	<10	<10	<5	0.37	<5	<50	137	2	15	81.3
D61024 (113758)	18	<10	<5	564	<10	<10	<5	0.39	<5	<50	126	2	15	77.7
D61025 (113759)	19	<10	<5	748	<10	<10	<5	0.38	<5	<50	127	1	14	74.8
D61026 (113760)	36	<10	<5	252	<10	<10	<5	0.89	<5	<50	240	3	23	92.0
D61027 (113761)	19	<10	<5	521	<10	<10	<5	0.27	<5	<50	103	4	14	70.1
D61028 (113762)	23	<10	<5	600	<10	<10	<5	0.32	<5	<50	128	3	15	78.0
D61029 (113763)	22	<10	<5	591	<10	<10	<5	0.32	<5	<50	136	2	14	79.1
D61030 (113764)	40	<10	<5	118	<10	<10	<5	0.39	<5	<50	223	1	16	69.9
D61031 (113765)	42	<10	<5	167	<10	<10	<5	0.39	<5	<50	229	2	18	71.1
D61032 (113766)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	1.9	2	2	3.0
D61033 (113767)	22	<10	<5	863	<10	<10	<5	0.31	<5	<50	120	275	14	94.2
D61034 (113768)	2	<10	<5	193	<10	<10	8	0.04	<5	<50	7.5	283	2	23.3
D61035 (113769)	2	<10	<5	196	<10	<10	7	0.03	<5	<50	6.5	418	2	16.6
D61036 (113770)	2	<10	<5	184	<10	<10	<5	0.04	<5	<50	4.8	468	1	23.9
D61037 (113771)	2	<10	<5	291	<10	<10	12	0.06	<5	<50	11.3	442	4	16.5
D61038 (113772)	2	<10	<5	264	<10	<10	13	0.05	<5	<50	11.2	435	4	13.6
D61039 (113773)	27	<10	<5	941	<10	<10	17	0.93	<5	<50	208	15	31	81.5
D61040 (113774)	1	<10	<5	213	<10	<10	9	0.03	<5	<50	5.6	452	3	15.8
D61041 (113775)	3	<10	<5	182	<10	<10	17	0.06	<5	<50	9.4	486	5	45.2
D61042 (113776)	9	<10	<5	580	<10	<10	10	0.23	<5	<50	58.6	366	12	89.5

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T453788

PROJECT: AGAT00609

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 03, 2019		DATE RECEIVED: Apr 04, 2019					DATE REPORTED: Apr 18, 2019					SAMPLE TYPE: Drill Core			
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D61043 (113777)	2	<10	<5	182	<10	<10	5	0.04	<5	<50	8.0	484	2	24.0	
D61044 (113778)	1	<10	<5	149	<10	<10	<5	0.03	<5	<50	6.0	410	2	17.6	
D61045 (113779)	1	<10	<5	171	<10	<10	6	0.01	<5	<50	4.0	513	2	27.1	
D61046 (113780)	36	<10	<5	248	<10	<10	<5	0.87	<5	<50	239	3	23	90.2	
D61047 (113781)	20	<10	<5	665	<10	<10	18	0.52	<5	<50	148	70	28	77.6	
D61048 (113782)	15	<10	<5	436	<10	<10	5	0.34	<5	<50	102	362	13	77.1	
D61049 (113783)	16	<10	<5	380	<10	<10	9	0.33	<5	<50	111	369	14	93.4	
D61050 (113784)	5	<10	<5	184	<10	<10	13	0.12	<5	<50	28.4	501	5	67.2	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T453788

PROJECT: AGAT00609

5623 McADAM ROAD  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 03, 2019      DATE RECEIVED: Apr 04, 2019      DATE REPORTED: Apr 18, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D60979 (113713)				21
D60980 (113714)				16
D60981 (113715)				15
D60982 (113716)				15
D60983 (113717)				190
D60984 (113718)				24
D60985 (113719)				20
D60986 (113720)				97
D60987 (113721)				16
D60988 (113722)				14
D60989 (113723)				15
D60990 (113724)				18
D60991 (113725)				17
D60992 (113726)				<5
D60993 (113727)				26
D60994 (113728)				97
D60995 (113729)				111
D60996 (113730)				106
D60997 (113731)				107
D60998 (113732)				106
D60999 (113733)				115
D61000 (113734)				107
D61001 (113735)				99
D61002 (113736)				167
D61003 (113737)				94
D61004 (113738)				112
D61005 (113739)				85
D61006 (113740)				95
D61007 (113741)				93
D61008 (113742)				111
D61009 (113743)				92
D61010 (113744)				103

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T453788

PROJECT: AGAT00609

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 03, 2019

DATE RECEIVED: Apr 04, 2019

DATE REPORTED: Apr 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D61011 (113745)				100
D61012 (113746)				<5
D61013 (113747)				96
D61014 (113748)				105
D61015 (113749)				102
D61016 (113750)				89
D61017 (113751)				111
D61018 (113752)				121
D61019 (113753)				114
D61020 (113754)				95
D61021 (113755)				98
D61022 (113756)				97
D61023 (113757)				96
D61024 (113758)				96
D61025 (113759)				112
D61026 (113760)				96
D61027 (113761)				82
D61028 (113762)				95
D61029 (113763)				98
D61030 (113764)				50
D61031 (113765)				58
D61032 (113766)				<5
D61033 (113767)				109
D61034 (113768)				46
D61035 (113769)				45
D61036 (113770)				23
D61037 (113771)				24
D61038 (113772)				27
D61039 (113773)				209
D61040 (113774)				35
D61041 (113775)				49
D61042 (113776)				113

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## Certificate of Analysis

AGAT WORK ORDER: 19T453788

PROJECT: AGAT00609

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 03, 2019	DATE RECEIVED: Apr 04, 2019	DATE REPORTED: Apr 18, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D61043 (113777)				24
D61044 (113778)				9
D61045 (113779)				30
D61046 (113780)				96
D61047 (113781)				221
D61048 (113782)				103
D61049 (113783)				127
D61050 (113784)				99

Comments: RDL - Reported Detection Limit  
113713-113784 As, Sb values may be low due to digestion losses.

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## Certificate of Analysis

AGAT WORK ORDER: 19T453788

PROJECT: AGAT00609

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 03, 2019      DATE RECEIVED: Apr 04, 2019      DATE REPORTED: Apr 18, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D60979 (113713)			0.002
D60980 (113714)			0.002
D60981 (113715)			0.003
D60982 (113716)			0.002
D60983 (113717)			0.002
D60984 (113718)			<0.001
D60985 (113719)			0.001
D60986 (113720)			0.321
D60987 (113721)			0.002
D60988 (113722)			0.001
D60989 (113723)			0.001
D60990 (113724)			0.002
D60991 (113725)			0.002
D60992 (113726)			<0.001
D60993 (113727)			0.005
D60994 (113728)			0.007
D60995 (113729)			0.007
D60996 (113730)			0.022
D60997 (113731)			0.014
D60998 (113732)			0.009
D60999 (113733)			0.006
D61000 (113734)			0.006
D61001 (113735)			0.004
D61002 (113736)			0.005
D61003 (113737)			0.005
D61004 (113738)			0.004
D61005 (113739)			0.004
D61006 (113740)			0.339
D61007 (113741)			0.003
D61008 (113742)			0.004
D61009 (113743)			0.003
D61010 (113744)			<0.001

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# Certificate of Analysis

AGAT WORK ORDER: 19T453788

PROJECT: AGAT00609

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 03, 2019

DATE RECEIVED: Apr 04, 2019

DATE REPORTED: Apr 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D61011 (113745)			<0.001
D61012 (113746)			<0.001
D61013 (113747)			0.001
D61014 (113748)			0.001
D61015 (113749)			0.002
D61016 (113750)			0.001
D61017 (113751)			0.001
D61018 (113752)			<0.001
D61019 (113753)			0.003
D61020 (113754)			0.001
D61021 (113755)			0.001
D61022 (113756)			0.023
D61023 (113757)			0.004
D61024 (113758)			0.002
D61025 (113759)			<0.001
D61026 (113760)			0.322
D61027 (113761)			0.002
D61028 (113762)			0.002
D61029 (113763)			0.008
D61030 (113764)			0.005
D61031 (113765)			0.003
D61032 (113766)			<0.001
D61033 (113767)			0.001
D61034 (113768)			<0.001
D61035 (113769)			<0.001
D61036 (113770)			<0.001
D61037 (113771)			<0.001
D61038 (113772)			0.001
D61039 (113773)			0.005
D61040 (113774)			0.002
D61041 (113775)			0.002
D61042 (113776)			0.003

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AGAT WORK ORDER: 19T453788

PROJECT: AGAT00609

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 03, 2019

DATE RECEIVED: Apr 04, 2019

DATE REPORTED: Apr 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D61043 (113777)			0.009
D61044 (113778)			<0.001
D61045 (113779)			0.001
D61046 (113780)			0.340
D61047 (113781)			0.004
D61048 (113782)			0.003
D61049 (113783)			0.002
D61050 (113784)			0.004

Comments: RDL - Reported Detection Limit

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## Certificate of Analysis

AGAT WORK ORDER: 19T453788

PROJECT: AGAT00609

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 03, 2019

DATE RECEIVED: Apr 04, 2019

DATE REPORTED: Apr 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D60980 (113714)		83
D60997 (113731)		77
D61015 (113749)		89
D61017 (113751)		95
D61031 (113765)		85
D61037 (113771)		92

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T453788

PROJECT: AGAT00609

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 03, 2019

DATE RECEIVED: Apr 04, 2019

DATE REPORTED: Apr 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D60979 (113713)		92.8
D60995 (113729)		96.8
D61007 (113741)		93
D61033 (113767)		88.2

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	113713	< 0.5	< 0.5	0.0%	113727	< 0.5	< 0.5	0.0%	113738	< 0.5	< 0.5	0.0%	113752	< 0.5	< 0.5	0.0%
Al	113713	7.65	7.77	1.6%	113727	7.20	6.98	3.1%	113738	8.39	7.94	5.5%	113752	7.38	7.19	2.6%
As	113713	< 1	< 1	0.0%	113727	< 1	< 1	0.0%	113738	< 1	< 1	0.0%	113752	2	4	
Ba	113713	234	242	3.4%	113727	203	204	0.5%	113738	829	795	4.2%	113752	635	624	1.7%
Be	113713	< 0.5	< 0.5	0.0%	113727	< 0.5	< 0.5	0.0%	113738	1.6	1.71	4.8%	113752	1.20	1.29	7.2%
Bi	113713	< 1	< 1	0.0%	113727	< 1	< 1	0.0%	113738	< 1	< 1	0.0%	113752	< 1	< 1	0.0%
Ca	113713	8.05	8.02	0.4%	113727	4.80	4.69	2.3%	113738	3.17	3.00	5.5%	113752	1.26	1.23	2.4%
Cd	113713	< 0.5	< 0.5	0.0%	113727	< 0.5	< 0.5	0.0%	113738	< 0.5	< 0.5	0.0%	113752	< 0.5	< 0.5	0.0%
Ce	113713	5	5	0.0%	113727	11	11	0.0%	113738	61	61	0.0%	113752	55	61	10.3%
Co	113713	41.6	42.6	2.4%	113727	38.7	38.5	0.5%	113738	19.2	18.9	1.6%	113752	2.9	2.9	0.0%
Cr	113713	136	107	23.9%	113727	449	433	3.6%	113738	92.7	115	21.5%	113752	29.0	29.0	0.0%
Cu	113713	101	105	3.9%	113727	73.8	73.2	0.8%	113738	7.1	8.8	21.4%	113752	6.74	6.76	0.3%
Fe	113713	9.06	9.24	2.0%	113727	8.38	8.18	2.4%	113738	4.23	4.05	4.3%	113752	1.05	1.03	1.9%
Ga	113713	24	24	0.0%	113727	25	24	4.1%	113738	19	20	5.1%	113752	15	16	6.5%
In	113713	< 1	< 1	0.0%	113727	< 1	< 1	0.0%	113738	< 1	< 1	0.0%	113752	< 1	< 1	0.0%
K	113713	0.37	0.38	2.7%	113727	0.62	0.60	3.3%	113738	2.36	2.20	7.0%	113752	3.71	3.59	3.3%
La	113713	6	6	0.0%	113727	8	8	0.0%	113738	29	29	0.0%	113752	25	28	11.3%
Li	113713	16	16	0.0%	113727	15	14	6.9%	113738	25	23	8.3%	113752	12	12	0.0%
Mg	113713	2.59	2.72	4.9%	113727	3.58	3.47	3.1%	113738	1.89	1.81	4.3%	113752	0.426	0.417	2.1%
Mn	113713	1980	1990	0.5%	113727	1570	1530	2.6%	113738	641	610	5.0%	113752	134	131	2.3%
Mo	113713	1.5	1.5	0.0%	113727	1.91	1.82	4.8%	113738	4.6	4.65	1.5%	113752	5.3	4.9	7.8%
Na	113713	1.69	1.72	1.8%	113727	1.90	1.84	3.2%	113738	3.05	2.86	6.4%	113752	2.75	2.66	3.3%
Ni	113713	74.8	75.8	1.3%	113727	116	115	0.9%	113738	51.9	51.1	1.6%	113752	9.9	10.2	3.0%
P	113713	355	365	2.8%	113727	705	696	1.3%	113738	757	762	0.7%	113752	320	317	0.9%
Pb	113713	< 20	< 20	0.0%	113727	< 20	< 20	0.0%	113738	< 20	< 20	0.0%	113752	< 20	< 20	0.0%
Rb	113713	< 50	< 50	0.0%	113727	< 50	< 50	0.0%	113738	< 50	< 50	0.0%	113752	< 50	< 50	0.0%
S	113713	0.12	0.12	0.0%	113727	0.13	0.13	0.0%	113738	0.04	0.04	0.0%	113752	0.015	0.015	0.0%
Sb	113713	< 1	< 1	0.0%	113727	2	1		113738	< 1	< 1	0.0%	113752	< 1	< 1	0.0%
Sc	113713	46	48	4.3%	113727	36	36	0.0%	113738	16	16	0.0%	113752	3	3	0.0%
Se	113713	< 10	< 10	0.0%	113727	< 10	< 10	0.0%	113738	< 10	< 10	0.0%	113752	< 10	< 10	0.0%
Sn	113713	< 5	< 5	0.0%	113727	< 5	< 5	0.0%	113738	< 5	< 5	0.0%	113752	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

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Sr	113713	135	136	0.7%	113727	192	186	3.2%	113738	656	617	6.1%	113752	444	430	3.2%
Ta	113713	< 10	< 10	0.0%	113727	< 10	< 10	0.0%	113738	< 10	< 10	0.0%	113752	< 10	< 10	0.0%
Te	113713	< 10	< 10	0.0%	113727	< 10	< 10	0.0%	113738	< 10	< 10	0.0%	113752	< 10	< 10	0.0%
Th	113713	< 5	< 5	0.0%	113727	< 5	< 5	0.0%	113738	6	5	18.2%	113752	19	20	5.1%
Ti	113713	0.62	0.62	0.0%	113727	0.797	0.774	2.9%	113738	0.36	0.343	4.8%	113752	0.07	0.07	0.0%
Tl	113713	< 5	< 5	0.0%	113727	< 5	< 5	0.0%	113738	< 5	< 5	0.0%	113752	< 5	< 5	0.0%
U	113713	< 50	< 50	0.0%	113727	< 50	< 50	0.0%	113738	< 50	< 50	0.0%	113752	< 50	< 50	0.0%
V	113713	306	313	2.3%	113727	214	210	1.9%	113738	117	115	1.7%	113752	13.3	13.8	3.7%
W	113713	2	3		113727	2	3		113738	1	3		113752	< 1	< 1	0.0%
Y	113713	26	26	0.0%	113727	32	31	3.2%	113738	15	14	6.9%	113752	4	4	0.0%
Zn	113713	95.6	98.6	3.1%	113727	102	102	0.0%	113738	68.6	64.0	6.9%	113752	27.5	26.6	3.3%
Zr	113713	21	20	4.9%	113727	26	27	3.8%	113738	112	106	5.5%	113752	121	111	8.6%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	113763	< 0.5	< 0.5	0.0%	113777	< 0.5	< 0.5	0.0%								
Al	113763	6.15	5.95	3.3%	113777	7.24	7.59	4.7%								
As	113763	< 1	< 1	0.0%	113777	< 1	< 1	0.0%								
Ba	113763	866	848	2.1%	113777	392	400	2.0%								
Be	113763	1.4	1.4	0.0%	113777	1.2	1.2	0.0%								
Bi	113763	< 1	< 1	0.0%	113777	< 1	< 1	0.0%								
Ca	113763	4.92	4.81	2.3%	113777	0.98	1.01	3.0%								
Cd	113763	< 0.5	< 0.5	0.0%	113777	< 0.5	< 0.5	0.0%								
Ce	113763	51	50	2.0%	113777	20	21	4.9%								
Co	113763	31.9	32.5	1.9%	113777	193	183	5.3%								
Cr	113763	464	449	3.3%	113777	11.0	14.4	26.8%								
Cu	113763	42.3	41.2	2.6%	113777	< 0.5	< 0.5	0.0%								
Fe	113763	5.49	5.34	2.8%	113777	0.58	0.58	0.0%								
Ga	113763	18	16	11.8%	113777	15	15	0.0%								
In	113763	< 1	< 1	0.0%	113777	< 1	< 1	0.0%								
K	113763	2.64	2.59	1.9%	113777	3.90	4.05	3.8%								
La	113763	24	24	0.0%	113777	8	9	11.8%								
Li	113763	27	26	3.8%	113777	8	8	0.0%								
Mg	113763	6.32	6.17	2.4%	113777	0.20	0.20	0.0%								
Mn	113763	990	961	3.0%	113777	92	93	1.1%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

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Mo	113763	2.9	2.9	0.0%	113777	< 0.5	< 0.5	0.0%								
Na	113763	1.98	1.97	0.5%	113777	2.85	2.95	3.4%								
Ni	113763	186	190	2.1%	113777	3.5	3.5	0.0%								
P	113763	1140	1140	0.0%	113777	186	200	7.3%								
Pb	113763	< 20	< 20	0.0%	113777	< 20	< 20	0.0%								
Rb	113763	< 50	< 50	0.0%	113777	< 50	< 50	0.0%								
S	113763	0.05	0.05	0.0%	113777	0.01	0.01	0.0%								
Sb	113763	< 1	< 1	0.0%	113777	< 1	< 1	0.0%								
Sc	113763	22	23	4.4%	113777	2	2	0.0%								
Se	113763	< 10	< 10	0.0%	113777	< 10	< 10	0.0%								
Sn	113763	< 5	< 5	0.0%	113777	< 5	< 5	0.0%								
Sr	113763	591	591	0.0%	113777	182	187	2.7%								
Ta	113763	< 10	< 10	0.0%	113777	< 10	< 10	0.0%								
Te	113763	< 10	< 10	0.0%	113777	< 10	< 10	0.0%								
Th	113763	< 5	< 5	0.0%	113777	5	5	0.0%								
Ti	113763	0.316	0.307	2.9%	113777	0.04	0.04	0.0%								
Tl	113763	< 5	< 5	0.0%	113777	< 5	< 5	0.0%								
U	113763	< 50	< 50	0.0%	113777	< 50	< 50	0.0%								
V	113763	136	140	2.9%	113777	8.04	8.15	1.4%								
W	113763	2	3		113777	484	477	1.5%								
Y	113763	14	14	0.0%	113777	2	2	0.0%								
Zn	113763	79.1	77.8	1.7%	113777	24.0	23.8	0.8%								
Zr	113763	98	103	5.0%	113777	24	24	0.0%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	113713	0.0020	0.0026	26.1%	113727	0.005	0.003		113738	0.0038	0.0033	14.1%	113752	< 0.001	0.004	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	113763	0.008	0.012	40.0%	113777	0.009	0.015	50.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GTS-2a)				CRM #2 (ref.SY-4)				CRM #3 (ref.Till-2)				CRM #4 (ref.GTS-2a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al					10.95	11.2	102%	90% - 110%								
Ba					340	337	99%	90% - 110%								
Be					2.6	2.7	103%	90% - 110%								
Ca					5.72	5.56	97%	90% - 110%								
Ce					122	126	103%	90% - 110%								
Co	22.1	20.2	91%	90% - 110%												
Fe					4.34	4.28	99%	90% - 110%								
Ga					35	36	103%	90% - 110%								
K					1.37	1.48	108%	90% - 110%								
La					58	59	102%	90% - 110%								
Li					37	39	106%	90% - 110%								
Mg					0.325	0.303	93%	90% - 110%								
Mo									14	13	92%	90% - 110%				
Na					5.267	5.5	104%	90% - 110%								
Ni									32	32	100%	90% - 110%	77.1	69.5	90%	90% - 110%
Sc					1.1	1	92%	90% - 110%								
Sr					1191	1163	98%	90% - 110%								
Ti					0.172	0.173	100%	90% - 110%								
Y					119	127	107%	90% - 110%								
Zn					93	94	101%	90% - 110%								
Parameter	CRM #5 (ref.SY-4)				CRM #6 (ref.Till-2)				CRM #7 (ref.GTS-2a)				CRM #8 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al					8.17	8.37	102%	90% - 110%	6.96	6.89	99%	90% - 110%	10.95	11.03	101%	90% - 110%
As					26	24	92%	90% - 110%	124	111	90%	90% - 110%				
Ba					540	537	100%	90% - 110%	186	179	96%	90% - 110%	340	331	97%	90% - 110%
Be					4.0	2.9	72%	90% - 110%					2.6	2.7	105%	90% - 110%
Ca					0.907	0.901	99%	90% - 110%	4.01	3.89	97%	90% - 110%	5.72	5.55	97%	90% - 110%
Ce					98	100	102%	90% - 110%	24	22	91%	90% - 110%	122	124	102%	90% - 110%
Co	2.8	3.0	107%	90% - 110%												
Cr					60.3	65.3	108%	90% - 110%								
Cu					150	155	104%	90% - 110%	88.6	86.3	97%	90% - 110%				





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Fe					3.77	3.85	102%	90% - 110%	7.56	7.52	99%	90% - 110%	4.34	4.24	98%	90% - 110%
Ga													35	35	100%	90% - 110%
K									2.021	2.06	102%	90% - 110%	1.37	1.42	104%	90% - 110%
La					44	45	102%	90% - 110%					58	58	100%	90% - 110%
Li					47	47	100%	90% - 110%					37	37	100%	90% - 110%
Mg					1.10	1.1	100%	90% - 110%	2.412	2.433	101%	90% - 110%	0.325	0.299	92%	90% - 110%
Mn					780	775	99%	90% - 110%	1510	1465	97%	90% - 110%				
Mo					14	14	103%	90% - 110%								
Na					1.624	1.727	106%	90% - 110%	0.617	0.636	103%	90% - 110%	5.267	5.32	101%	90% - 110%
P					750	761	102%	90% - 110%	892	808	91%	90% - 110%				
S									0.348	0.344	99%	90% - 110%				
Sc					12	13	106%	90% - 110%					1.1	1	93%	90% - 110%
Sr					144	150	104%	90% - 110%	92.8	88	95%	90% - 110%	1191	1136	95%	90% - 110%
Th					18.4	18.4	100%	90% - 110%								
Ti					0.53	0.49	93%	90% - 110%					0.172	0.168	98%	90% - 110%
V					77	76	98%	90% - 110%								
Y													119	127	107%	90% - 110%
Zn					130	126	97%	90% - 110%	208	207	99%	90% - 110%	93	96	103%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS5W)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.74	98%	90% - 110%	0.725	0.763	105%	90% - 110%	5.27	5.54	105%	90% - 110%	0.562	0.557	99%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00609  
 SAMPLING SITE:

AGAT WORK ORDER: 19T453788  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00610

AGAT WORK ORDER: 19T454683

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Apr 18, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T454683

PROJECT: AGAT00610

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 07, 2019

DATE RECEIVED: Apr 08, 2019

DATE REPORTED: Apr 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D61051 (119460)		1.20
D61052 (119461)		0.83
D61053 (119462)		0.78
D61054 (119463)		1.51
D61055 (119464)		2.12
D61056 (119465)		0.88
D61057 (119466)		0.85
D61058 (119467)		0.85
D61059 (119468)		2.92
D61060 (119469)		3.56
D61061 (119470)		1.07
D61062 (119471)		3.59
D61063 (119472)		2.52
D61064 (119473)		0.87
D61065 (119474)		0.80
D61066 (119475)		0.07
D61067 (119476)		2.00
D61068 (119477)		2.63
D61069 (119478)		1.70
D61070 (119479)		2.53
D61071 (119480)		2.69
D61072 (119481)		0.87
D61073 (119482)		2.30
D61074 (119483)		2.19
D61075 (119484)		1.71
D61076 (119485)		1.71
D61077 (119486)		2.10
D61078 (119487)		2.10
D61079 (119488)		2.13
D61080 (119489)		2.01
D61081 (119490)		2.14

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T454683

PROJECT: AGAT00610

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 07, 2019      DATE RECEIVED: Apr 08, 2019      DATE REPORTED: Apr 18, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D61082 (119491)		2.03
D61083 (119492)		2.06
D61084 (119493)		1.45
D61085 (119494)		1.31
D61086 (119495)		0.07
D61087 (119496)		2.47
D61088 (119497)		2.61
D61089 (119498)		2.99
D61090 (119499)		2.37
D61091 (119500)		2.75
D61092 (119501)		0.91
D61093 (119502)		1.93
D61094 (119503)		2.67
D61095 (119504)		1.09
D61096 (119505)		1.30
D61097 (119506)		0.88
D61098 (119507)		0.88
D61099 (119508)		2.37
D61100 (119509)		2.29
D61101 (119510)		1.95
D61102 (119511)		2.01
D61103 (119512)		2.21
D61104 (119513)		2.19
D61105 (119514)		1.59
D61106 (119515)		0.07
D61107 (119516)		1.36
D61108 (119517)		2.38
D61109 (119518)		2.27
D61110 (119519)		2.41
D61111 (119520)		1.36
D61112 (119521)		0.83

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T454683

PROJECT: AGAT00610

 5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (200-) Sample Login Weight

DATE SAMPLED: Apr 07, 2019

DATE RECEIVED: Apr 08, 2019

DATE REPORTED: Apr 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D61113 (119522)		2.19
D61114 (119523)		2.38
D61115 (119524)		2.38
D61116 (119525)		1.86
D61117 (119526)		0.83
D61118 (119527)		0.83
D61119 (119528)		0.85
D61120 (119529)		2.31
D61121 (119530)		1.82
D61122 (119531)		2.28

Comments: RDL - Reported Detection Limit

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T454683

PROJECT: AGAT00610

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 07, 2019	DATE RECEIVED: Apr 08, 2019							DATE REPORTED: Apr 18, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D61051 (119460)	<0.5	7.37	1	684	1.7	<1	1.89	<0.5	58	17.0	111	39.9	3.71	17	
D61052 (119461)	<0.5	0.11	1	18	<0.5	<1	30.4	<0.5	<1	0.5	9.7	0.7	0.17	<5	
D61053 (119462)	<0.5	5.92	5	498	4.2	<1	5.43	<0.5	81	30.4	279	67.9	4.57	16	
D61054 (119463)	<0.5	7.37	3	706	2.0	<1	2.28	<0.5	60	17.3	116	24.6	3.84	18	
D61055 (119464)	<0.5	7.38	<1	747	1.0	<1	2.21	<0.5	54	16.9	137	40.9	3.58	17	
D61056 (119465)	<0.5	7.22	<1	681	1.1	<1	1.34	<0.5	41	8.4	61.3	7.7	2.18	16	
D61057 (119466)	<0.5	6.09	<1	644	1.3	<1	4.40	<0.5	94	32.3	304	31.6	4.95	18	
D61058 (119467)	<0.5	6.06	<1	617	1.3	<1	4.27	<0.5	94	31.3	281	31.0	4.83	19	
D61059 (119468)	<0.5	7.64	<1	761	1.0	<1	2.30	<0.5	62	17.6	112	43.1	3.60	17	
D61060 (119469)	<0.5	7.46	<1	786	1.0	<1	2.44	<0.5	59	18.2	127	48.0	3.82	16	
D61061 (119470)	<0.5	7.17	6	766	1.2	<1	2.32	<0.5	53	19.9	138	44.0	4.29	17	
D61062 (119471)	<0.5	6.84	3	687	1.2	<1	2.27	<0.5	54	19.1	119	34.3	3.67	17	
D61063 (119472)	<0.5	7.60	11	713	1.2	<1	2.50	<0.5	51	20.6	117	38.2	3.79	18	
D61064 (119473)	<0.5	7.26	3	482	1.1	<1	2.04	<0.5	37	19.8	120	56.7	4.05	17	
D61065 (119474)	<0.5	5.38	<1	314	10.6	<1	2.63	<0.5	35	15.0	174	24.8	2.80	13	
D61066 (119475)	<0.5	7.53	<1	185	<0.5	<1	6.30	<0.5	15	41.2	202	110	7.84	24	
D61067 (119476)	<0.5	7.01	10	740	1.4	1	3.49	<0.5	53	21.8	147	41.1	4.30	16	
D61068 (119477)	<0.5	2.07	<1	858	2.8	<1	9.26	<0.5	223	60.8	672	93.5	8.43	18	
D61069 (119478)	<0.5	6.98	<1	599	3.6	<1	2.41	<0.5	43	19.8	113	52.8	4.07	17	
D61070 (119479)	<0.5	7.22	<1	641	1.0	<1	2.57	<0.5	51	19.3	123	31.6	3.90	18	
D61071 (119480)	<0.5	7.46	<1	811	0.7	<1	2.58	<0.5	54	20.5	144	38.5	4.25	18	
D61072 (119481)	<0.5	0.09	<1	17	<0.5	<1	31.1	<0.5	<1	<0.5	6.5	<0.5	0.15	<5	
D61073 (119482)	<0.5	6.96	<1	632	0.7	<1	2.54	<0.5	45	18.7	118	47.6	3.78	16	
D61074 (119483)	<0.5	7.30	<1	580	1.0	<1	2.53	<0.5	48	20.2	137	43.1	4.20	17	
D61075 (119484)	<0.5	6.15	3	574	0.6	<1	0.54	<0.5	6	0.5	39.8	2.6	0.40	12	
D61076 (119485)	<0.5	6.05	<1	844	1.3	<1	4.51	<0.5	112	34.1	218	54.2	4.94	18	
D61077 (119486)	<0.5	7.57	<1	773	0.7	<1	2.41	<0.5	50	19.9	133	55.6	4.30	19	
D61078 (119487)	<0.5	7.67	<1	771	0.6	<1	2.36	<0.5	49	19.0	126	53.5	4.09	18	
D61079 (119488)	<0.5	7.00	<1	743	0.9	<1	2.29	<0.5	50	18.6	142	45.3	3.87	16	
D61080 (119489)	<0.5	6.83	3	630	1.0	<1	2.10	<0.5	47	17.4	127	47.7	3.66	16	
D61081 (119490)	<0.5	7.58	<1	737	1.0	<1	2.43	<0.5	54	17.4	118	27.4	3.71	18	
D61082 (119491)	<0.5	7.55	<1	643	0.8	<1	2.98	<0.5	57	18.0	138	40.3	3.98	17	

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T454683

PROJECT: AGAT00610

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 07, 2019	DATE RECEIVED: Apr 08, 2019							DATE REPORTED: Apr 18, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D61083 (119492)	<0.5	7.23	<1	750	0.6	<1	2.45	<0.5	45	20.8	124	57.1	4.36	17	
D61084 (119493)	<0.5	7.59	<1	681	1.0	<1	2.75	<0.5	51	19.3	122	52.2	4.33	18	
D61085 (119494)	<0.5	7.07	3	568	1.1	<1	2.49	<0.5	42	16.4	104	35.4	3.55	14	
D61086 (119495)	<0.5	7.49	<1	185	<0.5	<1	6.26	<0.5	14	40.8	199	109	7.77	22	
D61087 (119496)	<0.5	6.80	<1	666	1.2	<1	3.10	<0.5	61	23.3	155	43.0	4.44	17	
D61088 (119497)	<0.5	3.85	<1	730	<0.5	<1	6.98	<0.5	78	67.1	615	117	8.71	21	
D61089 (119498)	<0.5	3.86	<1	522	0.6	<1	7.31	<0.5	82	68.3	614	128	8.79	20	
D61090 (119499)	<0.5	4.03	<1	631	3.3	<1	7.15	<0.5	80	67.5	653	124	8.88	20	
D61091 (119500)	<0.5	3.86	<1	505	3.8	<1	7.07	<0.5	74	67.2	649	115	8.57	21	
D61092 (119501)	<0.5	0.08	2	18	<0.5	<1	30.0	<0.5	<1	0.6	7.9	<0.5	0.17	<5	
D61093 (119502)	<0.5	4.01	<1	535	1.3	<1	7.13	<0.5	82	68.3	616	131	8.72	22	
D61094 (119503)	<0.5	4.75	<1	760	1.8	<1	6.90	<0.5	85	61.4	496	123	7.99	22	
D61095 (119504)	<0.5	6.94	<1	1060	1.0	<1	2.08	<0.5	47	17.7	286	41.5	3.84	16	
D61096 (119505)	<0.5	7.62	<1	849	0.9	<1	2.12	<0.5	52	19.7	261	46.2	4.31	17	
D61097 (119506)	<0.5	4.38	2	171	1.1	<1	1.62	<0.5	13	1.8	183	6.4	0.65	9	
D61098 (119507)	<0.5	4.42	1	175	1.1	<1	1.65	<0.5	12	1.7	126	9.2	0.57	9	
D61099 (119508)	<0.5	7.24	<1	543	1.0	<1	3.08	<0.5	60	24.7	310	97.0	5.17	18	
D61100 (119509)	<0.5	7.00	<1	600	0.9	<1	2.53	<0.5	46	20.5	210	64.9	4.01	17	
D61101 (119510)	<0.5	7.26	<1	595	0.9	<1	2.44	<0.5	46	19.7	247	49.3	3.98	16	
D61102 (119511)	<0.5	7.09	<1	521	0.6	<1	2.47	<0.5	44	20.2	238	41.0	4.09	16	
D61103 (119512)	<0.5	7.10	<1	522	0.8	<1	2.55	<0.5	48	19.4	183	36.8	4.01	17	
D61104 (119513)	<0.5	6.61	2	530	0.7	<1	2.42	<0.5	50	18.1	144	40.6	3.88	16	
D61105 (119514)	<0.5	7.11	<1	555	0.8	<1	2.53	<0.5	45	18.5	138	55.3	4.19	17	
D61106 (119515)	<0.5	7.16	<1	138	<0.5	<1	6.65	<0.5	4	38.9	195	159	8.03	21	
D61107 (119516)	<0.5	7.25	<1	268	1.5	<1	1.88	<0.5	27	8.9	70.0	21.0	2.20	18	
D61108 (119517)	<0.5	7.26	<1	591	0.5	<1	2.53	<0.5	47	19.4	107	47.6	4.21	17	
D61109 (119518)	<0.5	7.05	<1	544	0.7	<1	2.39	<0.5	46	19.7	80.3	36.6	4.02	17	
D61110 (119519)	<0.5	7.16	<1	592	0.6	<1	2.55	<0.5	49	19.1	74.9	38.7	4.07	17	
D61111 (119520)	<0.5	7.77	<1	618	1.0	<1	2.67	<0.5	54	19.1	79.9	30.4	4.18	18	
D61112 (119521)	<0.5	0.10	<1	19	<0.5	<1	29.5	<0.5	<1	0.5	3.8	<0.5	0.16	<5	
D61113 (119522)	<0.5	7.11	<1	491	0.6	<1	2.87	<0.5	49	20.8	99.2	88.7	4.52	19	
D61114 (119523)	<0.5	7.84	<1	931	2.1	<1	2.61	<0.5	73	10.6	49.5	39.9	2.61	19	

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## Certificate of Analysis

AGAT WORK ORDER: 19T454683

PROJECT: AGAT00610

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 07, 2019		DATE RECEIVED: Apr 08, 2019						DATE REPORTED: Apr 18, 2019				SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D61115 (119524)		<0.5	7.83	<1	841	1.7	<1	2.69	<0.5	73	10.4	57.4	<0.5	2.64	19
D61116 (119525)		<0.5	4.38	1	1820	1.2	<1	1.45	<0.5	48	6.0	50.0	135	1.81	10
D61117 (119526)		<0.5	7.61	<1	741	1.5	<1	2.57	<0.5	73	11.0	61.6	2.2	2.70	20
D61118 (119527)		<0.5	7.72	1	711	1.5	<1	2.62	<0.5	74	11.2	55.2	<0.5	2.73	20
D61119 (119528)		<0.5	7.74	<1	273	1.4	<1	3.57	<0.5	46	19.3	96.7	30.0	4.70	20
D61120 (119529)		<0.5	7.67	<1	804	1.9	<1	2.63	<0.5	76	10.6	53.0	1.1	2.69	19
D61121 (119530)		<0.5	6.81	<1	714	2.1	<1	3.09	<0.5	72	17.6	99.2	14.0	3.26	18
D61122 (119531)		<0.5	7.84	2	1070	2.2	<1	2.66	<0.5	73	10.2	50.6	<0.5	2.63	20

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 07, 2019	DATE RECEIVED: Apr 08, 2019					DATE REPORTED: Apr 18, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D61051 (119460)	<1	1.96	28	34	1.52	586	5.6	3.24	44.6	792	<20	<50	0.08	<1	
D61052 (119461)	<1	0.03	2	1	1.74	109	0.5	0.06	1.0	66	<20	<50	0.13	<1	
D61053 (119462)	<1	2.55	39	114	3.64	987	3.5	2.93	145	1370	<20	<50	0.17	<1	
D61054 (119463)	<1	1.57	29	30	1.43	552	6.7	3.11	45.9	810	<20	<50	0.07	<1	
D61055 (119464)	<1	1.89	25	34	1.48	584	5.9	3.00	42.3	686	<20	<50	0.10	<1	
D61056 (119465)	<1	3.57	20	24	0.77	356	5.4	2.58	23.3	377	<20	<50	0.03	<1	
D61057 (119466)	<1	2.22	48	49	4.07	904	4.4	3.39	138	1780	31	<50	0.12	<1	
D61058 (119467)	<1	2.10	46	48	3.90	886	4.1	3.43	134	1820	47	<50	0.12	1	
D61059 (119468)	<1	2.01	31	32	1.52	606	4.5	3.06	44.5	655	<20	<50	0.14	<1	
D61060 (119469)	<1	1.79	28	33	1.70	613	4.5	2.95	45.6	675	<20	<50	0.17	<1	
D61061 (119470)	<1	2.01	25	36	1.95	608	5.8	2.80	51.3	783	<20	<50	0.17	<1	
D61062 (119471)	<1	1.80	26	30	1.59	609	4.8	2.70	47.4	718	117	<50	0.11	<1	
D61063 (119472)	<1	2.01	26	31	1.58	614	4.4	3.15	51.9	635	21	<50	0.12	<1	
D61064 (119473)	<1	1.92	18	40	1.61	625	5.8	3.13	49.7	509	<20	<50	0.17	<1	
D61065 (119474)	<1	1.27	17	45	1.68	531	6.9	2.90	77.9	944	<20	<50	0.09	<1	
D61066 (119475)	<1	0.45	10	11	4.54	1310	1.4	2.37	102	887	<20	<50	0.11	2	
D61067 (119476)	<1	2.01	27	48	2.05	739	4.6	3.57	61.0	1240	21	<50	0.17	<1	
D61068 (119477)	<1	1.73	111	20	10.6	1560	3.0	1.48	393	5200	<20	<50	0.19	<1	
D61069 (119478)	<1	1.97	22	42	1.67	581	4.9	3.39	52.4	680	<20	<50	0.18	<1	
D61070 (119479)	<1	1.78	25	28	1.65	603	4.7	2.74	52.0	712	<20	<50	0.11	<1	
D61071 (119480)	<1	1.78	26	35	1.91	626	4.8	2.76	52.9	672	<20	<50	0.13	<1	
D61072 (119481)	<1	0.02	2	1	2.15	116	<0.5	0.04	0.7	75	<20	<50	0.13	<1	
D61073 (119482)	<1	1.75	21	31	1.59	582	4.9	2.58	44.4	574	<20	<50	0.15	<1	
D61074 (119483)	<1	1.72	23	33	1.73	661	5.3	2.71	51.1	615	<20	<50	0.12	<1	
D61075 (119484)	<1	5.39	3	3	0.07	55	5.5	1.54	3.8	43	25	<50	0.04	<1	
D61076 (119485)	<1	1.78	52	52	3.66	1210	5.4	2.37	136	1710	<20	<50	0.19	<1	
D61077 (119486)	<1	1.88	25	38	1.83	653	6.3	2.67	48.7	618	<20	<50	0.15	<1	
D61078 (119487)	<1	1.89	24	38	1.76	629	6.9	2.73	46.1	545	<20	<50	0.14	<1	
D61079 (119488)	<1	1.63	24	34	1.70	595	6.8	2.53	46.3	601	<20	<50	0.13	<1	
D61080 (119489)	<1	1.75	22	34	1.60	558	6.4	2.45	42.8	589	<20	<50	0.14	<1	
D61081 (119490)	<1	1.76	25	33	1.55	556	6.2	3.00	45.2	597	<20	<50	0.09	<1	
D61082 (119491)	<1	1.88	27	25	1.70	659	6.6	2.90	48.7	546	<20	<50	0.13	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T454683

PROJECT: AGAT00610

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 07, 2019

DATE RECEIVED: Apr 08, 2019

DATE REPORTED: Apr 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D61083 (119492)		<1	1.82	22	33	1.70	666	5.6	2.49	50.3	611	<20	<50	0.17	<1
D61084 (119493)		<1	1.71	24	28	1.76	695	5.8	2.76	50.2	638	<20	<50	0.16	<1
D61085 (119494)		<1	2.12	22	25	1.46	587	6.4	2.69	43.5	636	<20	<50	0.14	<1
D61086 (119495)		<1	0.44	10	10	4.49	1300	1.2	2.35	102	870	<20	<50	0.11	<1
D61087 (119496)		<1	1.54	29	31	2.23	730	4.8	2.83	71.0	1020	<20	<50	0.09	<1
D61088 (119497)		<1	2.27	44	32	9.66	1380	3.5	0.82	475	1590	<20	<50	0.21	<1
D61089 (119498)		<1	2.37	46	31	8.97	1500	3.5	1.33	420	1860	<20	<50	0.19	<1
D61090 (119499)		<1	1.97	44	46	9.53	1410	3.4	1.63	463	1980	<20	<50	0.19	<1
D61091 (119500)		<1	2.86	40	33	9.49	1360	3.1	1.46	466	1360	<20	<50	0.17	<1
D61092 (119501)		<1	0.02	2	1	2.17	122	<0.5	0.04	2.3	64	<20	<50	0.12	<1
D61093 (119502)		<1	2.99	45	30	9.18	1400	2.5	1.31	445	1720	<20	<50	0.21	3
D61094 (119503)		<1	2.55	46	50	7.10	1350	2.6	1.65	309	2050	<20	<50	0.20	<1
D61095 (119504)		<1	1.88	24	27	1.94	499	1.5	2.75	50.4	574	<20	<50	0.09	<1
D61096 (119505)		<1	1.85	25	29	2.03	546	2.5	2.84	52.5	569	<20	<50	0.12	<1
D61097 (119506)		<1	0.61	6	7	0.18	188	1.5	2.46	9.5	34	<20	<50	0.02	<1
D61098 (119507)		<1	0.61	6	7	0.18	186	0.9	2.42	6.7	30	<20	<50	0.03	<1
D61099 (119508)		<1	1.81	28	30	2.26	893	1.6	2.53	63.7	763	<20	<50	0.26	<1
D61100 (119509)		<1	1.70	22	26	1.66	603	1.3	2.52	50.9	627	<20	<50	0.18	<1
D61101 (119510)		<1	1.66	22	34	1.65	607	1.6	2.68	51.9	615	<20	<50	0.14	<1
D61102 (119511)		<1	1.53	22	32	1.69	635	1.5	2.59	52.9	620	<20	<50	0.13	<1
D61103 (119512)		<1	1.69	22	27	1.64	641	1.4	2.95	50.9	581	<20	<50	0.12	<1
D61104 (119513)		<1	1.61	24	27	1.73	636	6.6	2.72	51.5	539	<20	<50	0.13	<1
D61105 (119514)		<1	1.67	20	28	1.71	664	6.1	2.71	49.9	575	<20	<50	0.17	<1
D61106 (119515)		<1	0.20	5	12	4.48	1360	1.1	2.40	81.8	394	<20	<50	0.17	1
D61107 (119516)		<1	1.14	13	20	0.74	341	6.4	3.38	23.2	251	<20	<50	0.07	<1
D61108 (119517)		<1	1.65	23	30	1.75	645	5.7	2.67	52.8	621	<20	<50	0.16	<1
D61109 (119518)		<1	1.57	22	31	1.67	622	5.6	2.67	53.3	626	<20	<50	0.13	<1
D61110 (119519)		<1	1.52	23	30	1.70	625	6.2	2.81	49.4	632	<20	<50	0.13	<1
D61111 (119520)		<1	1.72	25	37	1.77	683	5.2	3.05	50.9	707	<20	<50	0.11	<1
D61112 (119521)		<1	0.02	2	1	2.39	120	<0.5	0.05	1.0	70	<20	<50	0.12	<1
D61113 (119522)		<1	1.63	23	24	1.77	724	4.1	2.82	56.8	692	<20	<50	0.22	<1
D61114 (119523)		<1	2.05	34	29	1.35	430	4.8	3.38	28.8	796	<20	<50	0.05	<1

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## Certificate of Analysis

AGAT WORK ORDER: 19T454683

PROJECT: AGAT00610

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 07, 2019		DATE RECEIVED: Apr 08, 2019					DATE REPORTED: Apr 18, 2019					SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D61115 (119524)		<1	1.86	34	22	1.39	463	4.2	3.48	27.7	725	<20	<50	0.02	<1
D61116 (119525)		<1	1.36	22	16	0.85	276	7.0	1.91	18.7	581	<20	<50	0.10	<1
D61117 (119526)		<1	1.82	33	21	1.38	432	4.6	3.54	29.9	769	<20	<50	0.02	<1
D61118 (119527)		<1	1.78	34	21	1.41	436	4.2	3.58	30.4	769	<20	<50	0.02	<1
D61119 (119528)		<1	1.30	21	26	2.11	635	6.0	3.66	58.4	654	<20	<50	0.07	<1
D61120 (119529)		<1	2.15	35	20	1.36	446	5.3	3.55	28.9	783	<20	<50	0.02	<1
D61121 (119530)		<1	1.90	35	17	2.36	560	4.9	3.58	91.6	859	<20	<50	0.06	<1
D61122 (119531)		<1	2.15	35	19	1.35	472	5.1	3.83	29.6	774	<20	<50	0.03	<1

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 07, 2019	DATE RECEIVED: Apr 08, 2019					DATE REPORTED: Apr 18, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D61051 (119460)	14	<10	<5	433	<10	<10	7	0.32	<5	<50	104	2	12	87.2	
D61052 (119461)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.5	<1	2	5.7	
D61053 (119462)	26	<10	<5	663	<10	<10	17	0.65	<5	<50	166	6	23	69.9	
D61054 (119463)	15	<10	<5	488	<10	<10	7	0.34	<5	<50	105	3	15	62.9	
D61055 (119464)	14	<10	<5	447	<10	<10	7	0.33	<5	<50	104	2	14	72.4	
D61056 (119465)	7	<10	<5	313	<10	<10	10	0.17	<5	<50	50.1	2	7	74.4	
D61057 (119466)	16	<10	<5	640	<10	<10	11	0.88	<5	<50	142	3	23	106	
D61058 (119467)	16	<10	<5	602	<10	<10	14	0.83	<5	<50	143	3	23	136	
D61059 (119468)	14	<10	<5	586	<10	<10	9	0.34	<5	<50	102	2	14	76.1	
D61060 (119469)	15	<10	<5	595	<10	<10	6	0.37	<5	<50	111	2	15	71.8	
D61061 (119470)	18	<10	<5	536	<10	<10	6	0.36	<5	<50	124	5	13	253	
D61062 (119471)	16	<10	<5	501	<10	<10	7	0.32	<5	<50	114	2	14	87.1	
D61063 (119472)	16	<10	<5	516	<10	<10	8	0.36	<5	<50	117	4	15	111	
D61064 (119473)	16	<10	<5	367	<10	<10	<5	0.38	<5	<50	120	3	13	85.1	
D61065 (119474)	11	<10	<5	426	<10	<10	13	0.26	<5	<50	67.8	2	14	57.6	
D61066 (119475)	36	<10	<5	247	<10	<10	<5	0.87	<5	<50	238	3	23	90.2	
D61067 (119476)	16	<10	<5	628	<10	<10	<5	0.42	<5	<50	123	3	17	107	
D61068 (119477)	20	<10	<5	1130	<10	12	11	1.35	<5	<50	212	6	38	82.9	
D61069 (119478)	17	<10	<5	412	<10	<10	7	0.38	<5	<50	124	3	15	78.3	
D61070 (119479)	16	<10	<5	472	<10	<10	6	0.36	<5	<50	115	2	14	79.0	
D61071 (119480)	17	<10	<5	503	<10	<10	<5	0.40	<5	<50	124	<1	14	75.2	
D61072 (119481)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	2.5	
D61073 (119482)	16	<10	<5	443	<10	<10	<5	0.37	<5	<50	115	1	14	70.6	
D61074 (119483)	17	<10	<5	451	<10	<10	<5	0.38	<5	<50	125	2	15	78.2	
D61075 (119484)	<1	<10	<5	185	<10	<10	<5	0.01	<5	<50	4.1	<1	1	10.5	
D61076 (119485)	17	<10	<5	668	<10	<10	9	0.84	<5	<50	140	2	24	91.5	
D61077 (119486)	16	<10	<5	508	<10	<10	<5	0.41	<5	<50	121	2	14	73.7	
D61078 (119487)	16	<10	<5	508	<10	<10	<5	0.40	<5	<50	119	1	13	72.4	
D61079 (119488)	16	<10	<5	495	<10	<10	<5	0.35	<5	<50	114	2	13	66.0	
D61080 (119489)	14	<10	<5	440	<10	<10	5	0.33	<5	<50	105	1	11	68.5	
D61081 (119490)	14	<10	<5	488	<10	<10	7	0.33	<5	<50	100	2	12	65.2	
D61082 (119491)	14	<10	<5	459	<10	<10	6	0.36	<5	<50	105	1	13	78.2	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T454683

PROJECT: AGAT00610

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 07, 2019

DATE RECEIVED: Apr 08, 2019

DATE REPORTED: Apr 18, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D61083 (119492)	17	<10	<5	477	<10	<10	<5	0.41	<5	<50	130	2	15	75.3
D61084 (119493)	17	<10	<5	527	<10	<10	<5	0.39	<5	<50	120	2	15	76.7
D61085 (119494)	12	<10	<5	465	<10	<10	<5	0.32	<5	<50	91.5	3	11	89.3
D61086 (119495)	35	<10	<5	244	<10	<10	<5	0.86	<5	<50	232	2	23	89.5
D61087 (119496)	17	<10	<5	504	<10	<10	<5	0.50	<5	<50	131	3	16	74.2
D61088 (119497)	23	<10	<5	583	<10	<10	<5	1.47	<5	<50	240	4	19	84.8
D61089 (119498)	24	<10	<5	658	<10	16	<5	1.64	<5	<50	259	5	21	85.3
D61090 (119499)	26	<10	<5	626	<10	<10	<5	1.57	<5	<50	256	5	23	96.1
D61091 (119500)	25	<10	<5	609	<10	13	<5	1.48	<5	<50	236	4	22	86.4
D61092 (119501)	<1	<10	<5	66	<10	<10	<5	<0.01	<5	<50	1.5	<1	2	3.2
D61093 (119502)	26	<10	<5	579	<10	15	<5	1.52	<5	<50	258	4	21	88.2
D61094 (119503)	23	<10	<5	637	<10	13	<5	1.53	<5	<50	250	5	24	99.3
D61095 (119504)	15	<10	<5	446	<10	<10	7	0.34	<5	<50	107	3	13	104
D61096 (119505)	16	<10	<5	483	<10	<10	<5	0.40	<5	<50	118	2	13	82.9
D61097 (119506)	1	<10	<5	277	<10	<10	6	0.05	<5	<50	11.6	1	4	20.6
D61098 (119507)	1	<10	<5	278	<10	<10	6	0.05	<5	<50	10.9	<1	4	30.8
D61099 (119508)	21	<10	<5	411	<10	<10	5	0.45	<5	<50	151	3	18	112
D61100 (119509)	18	<10	<5	454	<10	<10	<5	0.38	<5	<50	127	<1	15	88.8
D61101 (119510)	17	<10	<5	435	<10	<10	<5	0.38	<5	<50	120	2	15	88.8
D61102 (119511)	17	<10	<5	414	<10	<10	<5	0.39	<5	<50	123	3	15	78.8
D61103 (119512)	16	<10	<5	424	<10	<10	6	0.37	<5	<50	115	1	14	72.7
D61104 (119513)	15	<10	<5	383	<10	<10	8	0.33	<5	<50	106	2	13	71.0
D61105 (119514)	16	<10	<5	407	<10	<10	<5	0.37	<5	<50	113	2	15	72.7
D61106 (119515)	46	<10	<5	111	<10	<10	<5	0.68	<5	<50	299	3	23	82.1
D61107 (119516)	8	<10	<5	279	<10	<10	12	0.18	<5	<50	47.8	2	7	59.6
D61108 (119517)	16	<10	<5	420	<10	<10	<5	0.39	<5	<50	115	2	14	78.6
D61109 (119518)	17	<10	<5	390	<10	<10	<5	0.37	<5	<50	117	2	14	74.9
D61110 (119519)	16	<10	<5	431	<10	<10	<5	0.38	<5	<50	116	3	14	70.4
D61111 (119520)	16	<10	<5	447	<10	<10	5	0.39	<5	<50	115	<1	15	74.2
D61112 (119521)	<1	<10	<5	64	<10	<10	<5	<0.01	<5	<50	1.6	<1	2	4.2
D61113 (119522)	17	<10	<5	467	<10	<10	<5	0.40	<5	<50	121	2	15	57.4
D61114 (119523)	10	<10	<5	796	<10	<10	9	0.23	<5	<50	60.7	<1	13	50.7

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## Certificate of Analysis

AGAT WORK ORDER: 19T454683

PROJECT: AGAT00610

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 07, 2019		DATE RECEIVED: Apr 08, 2019					DATE REPORTED: Apr 18, 2019					SAMPLE TYPE: Drill Core			
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D61115 (119524)	8	<10	<5	864	<10	<10	8	0.23	<5	<50	57.8	1	12	60.8	
D61116 (119525)	6	<10	<5	358	<10	<10	8	0.13	<5	<50	45.3	2	8	33.6	
D61117 (119526)	9	<10	<5	699	<10	<10	8	0.23	<5	<50	64.2	<1	13	53.2	
D61118 (119527)	9	<10	<5	717	<10	<10	8	0.24	<5	<50	66.1	2	13	53.4	
D61119 (119528)	23	<10	<5	656	<10	<10	<5	0.45	<5	<50	148	2	18	59.8	
D61120 (119529)	9	<10	<5	756	<10	<10	10	0.22	<5	<50	60.2	<1	13	54.6	
D61121 (119530)	9	<10	<5	733	<10	<10	10	0.37	<5	<50	76.1	1	14	61.8	
D61122 (119531)	9	<10	<5	805	<10	<10	9	0.19	<5	<50	59.3	3	12	57.0	

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## Certificate of Analysis

AGAT WORK ORDER: 19T454683

PROJECT: AGAT00610

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 07, 2019      DATE RECEIVED: Apr 08, 2019      DATE REPORTED: Apr 18, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D61051 (119460)				109
D61052 (119461)				<5
D61053 (119462)				139
D61054 (119463)				115
D61055 (119464)				109
D61056 (119465)				71
D61057 (119466)				169
D61058 (119467)				171
D61059 (119468)				105
D61060 (119469)				104
D61061 (119470)				114
D61062 (119471)				108
D61063 (119472)				103
D61064 (119473)				99
D61065 (119474)				103
D61066 (119475)				97
D61067 (119476)				117
D61068 (119477)				307
D61069 (119478)				139
D61070 (119479)				106
D61071 (119480)				108
D61072 (119481)				<5
D61073 (119482)				101
D61074 (119483)				109
D61075 (119484)				10
D61076 (119485)				175
D61077 (119486)				108
D61078 (119487)				109
D61079 (119488)				100
D61080 (119489)				90
D61081 (119490)				114
D61082 (119491)				106

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## Certificate of Analysis

AGAT WORK ORDER: 19T454683

PROJECT: AGAT00610

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 07, 2019      DATE RECEIVED: Apr 08, 2019      DATE REPORTED: Apr 18, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D61083 (119492)				106
D61084 (119493)				106
D61085 (119494)				91
D61086 (119495)				95
D61087 (119496)				125
D61088 (119497)				164
D61089 (119498)				201
D61090 (119499)				201
D61091 (119500)				208
D61092 (119501)				<5
D61093 (119502)				189
D61094 (119503)				201
D61095 (119504)				105
D61096 (119505)				120
D61097 (119506)				20
D61098 (119507)				21
D61099 (119508)				110
D61100 (119509)				109
D61101 (119510)				104
D61102 (119511)				101
D61103 (119512)				105
D61104 (119513)				93
D61105 (119514)				103
D61106 (119515)				56
D61107 (119516)				90
D61108 (119517)				103
D61109 (119518)				108
D61110 (119519)				102
D61111 (119520)				108
D61112 (119521)				<5
D61113 (119522)				107
D61114 (119523)				119

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T454683

PROJECT: AGAT00610

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 07, 2019

DATE RECEIVED: Apr 08, 2019

DATE REPORTED: Apr 18, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D61115 (119524)	113
D61116 (119525)	65
D61117 (119526)	113
D61118 (119527)	114
D61119 (119528)	67
D61120 (119529)	110
D61121 (119530)	127
D61122 (119531)	115

Comments: RDL - Reported Detection Limit

119460-119531 As, Sb values may be low due to digestion losses.

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## Certificate of Analysis

AGAT WORK ORDER: 19T454683

PROJECT: AGAT00610

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 07, 2019      DATE RECEIVED: Apr 08, 2019      DATE REPORTED: Apr 18, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D61051 (119460)		0.004	
D61052 (119461)		<0.001	
D61053 (119462)		0.002	
D61054 (119463)		0.028	
D61055 (119464)		0.003	
D61056 (119465)		<0.001	
D61057 (119466)		0.005	
D61058 (119467)		0.002	
D61059 (119468)		0.032	
D61060 (119469)		0.003	
D61061 (119470)		0.005	
D61062 (119471)		0.002	
D61063 (119472)		0.001	
D61064 (119473)		0.001	
D61065 (119474)		<0.001	
D61066 (119475)		0.321	
D61067 (119476)		0.004	
D61068 (119477)		<0.001	
D61069 (119478)		0.013	
D61070 (119479)		0.001	
D61071 (119480)		<0.001	
D61072 (119481)		<0.001	
D61073 (119482)		0.002	
D61074 (119483)		0.001	
D61075 (119484)		0.004	
D61076 (119485)		0.005	
D61077 (119486)		0.019	
D61078 (119487)		0.010	
D61079 (119488)		0.005	
D61080 (119489)		0.002	
D61081 (119490)		0.002	
D61082 (119491)		0.002	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T454683

PROJECT: AGAT00610

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 07, 2019      DATE RECEIVED: Apr 08, 2019      DATE REPORTED: Apr 18, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D61083 (119492)			0.002
D61084 (119493)			0.002
D61085 (119494)			0.001
D61086 (119495)			0.340
D61087 (119496)			0.001
D61088 (119497)			0.002
D61089 (119498)			0.002
D61090 (119499)			0.002
D61091 (119500)			0.001
D61092 (119501)			0.001
D61093 (119502)			0.003
D61094 (119503)			0.003
D61095 (119504)			0.002
D61096 (119505)			0.005
D61097 (119506)			<0.001
D61098 (119507)			<0.001
D61099 (119508)			0.002
D61100 (119509)			0.001
D61101 (119510)			0.001
D61102 (119511)			0.001
D61103 (119512)			0.001
D61104 (119513)			0.018
D61105 (119514)			0.047
D61106 (119515)			0.537
D61107 (119516)			0.003
D61108 (119517)			0.012
D61109 (119518)			0.067
D61110 (119519)			0.003
D61111 (119520)			0.003
D61112 (119521)			<0.001
D61113 (119522)			0.009
D61114 (119523)			0.002

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## Certificate of Analysis

AGAT WORK ORDER: 19T454683

PROJECT: AGAT00610

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 07, 2019	DATE RECEIVED: Apr 08, 2019	DATE REPORTED: Apr 18, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D61115 (119524)			0.003
D61116 (119525)			0.015
D61117 (119526)			0.002
D61118 (119527)			0.007
D61119 (119528)			0.050
D61120 (119529)			0.008
D61121 (119530)			0.003
D61122 (119531)			0.011

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T454683

PROJECT: AGAT00610

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 07, 2019	DATE RECEIVED: Apr 08, 2019	DATE REPORTED: Apr 18, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D61051 (119460)		77
D61070 (119479)		79
D61089 (119498)		81
D61090 (119499)		78
D61093 (119502)		75
D61094 (119503)		78
D61095 (119504)		83
D61110 (119519)		83

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T454683

PROJECT: AGAT00610

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 07, 2019

DATE RECEIVED: Apr 08, 2019

DATE REPORTED: Apr 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D61051 (119460)		96
D61076 (119485)		91
D61093 (119502)		93
D61104 (119513)		97

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	119460	< 0.5	< 0.5	0.0%	119474	< 0.5	< 0.5	0.0%	119485	< 0.5	< 0.5	0.0%	119499	< 0.5	< 0.5	0.0%
Al	119460	7.37	7.47	1.3%	119474	5.38	5.39	0.2%	119485	6.05	5.79	4.4%	119499	4.03	4.00	0.7%
As	119460	1	< 1		119474	< 1	< 1	0.0%	119485	< 1	< 1	0.0%	119499	< 1	< 1	0.0%
Ba	119460	684	700	2.3%	119474	314	314	0.0%	119485	844	800	5.4%	119499	631	631	0.0%
Be	119460	1.7	1.5	12.5%	119474	10.6	10.3	2.9%	119485	1.33	1.42	6.5%	119499	3.3	3.64	8.6%
Bi	119460	< 1	< 1	0.0%	119474	< 1	< 1	0.0%	119485	< 1	< 1	0.0%	119499	< 1	< 1	0.0%
Ca	119460	1.89	1.93	2.1%	119474	2.63	2.65	0.8%	119485	4.51	4.43	1.8%	119499	7.15	7.09	0.8%
Cd	119460	< 0.5	< 0.5	0.0%	119474	< 0.5	< 0.5	0.0%	119485	< 0.5	< 0.5	0.0%	119499	< 0.5	< 0.5	0.0%
Ce	119460	58	60	3.4%	119474	35	35	0.0%	119485	112	114	1.8%	119499	80	80	0.0%
Co	119460	17.0	17.1	0.6%	119474	15.0	14.6	2.7%	119485	34.1	32.8	3.9%	119499	67.5	68.7	1.8%
Cr	119460	111	110	0.9%	119474	174	166	4.7%	119485	218	222	1.8%	119499	653	658	0.8%
Cu	119460	39.9	40.9	2.5%	119474	24.8	23.9	3.7%	119485	54.2	50.3	7.5%	119499	124	124	0.0%
Fe	119460	3.71	3.77	1.6%	119474	2.80	2.78	0.7%	119485	4.94	4.83	2.3%	119499	8.88	8.80	0.9%
Ga	119460	17	17	0.0%	119474	13	14	7.4%	119485	18	18	0.0%	119499	20	22	9.5%
In	119460	< 1	< 1	0.0%	119474	< 1	< 1	0.0%	119485	< 1	< 1	0.0%	119499	< 1	< 1	0.0%
K	119460	1.96	1.97	0.5%	119474	1.27	1.27	0.0%	119485	1.78	1.68	5.8%	119499	1.97	1.95	1.0%
La	119460	28	28	0.0%	119474	17	17	0.0%	119485	52	54	3.8%	119499	44	45	2.2%
Li	119460	34	34	0.0%	119474	45	45	0.0%	119485	52	49	5.9%	119499	46	46	0.0%
Mg	119460	1.52	1.54	1.3%	119474	1.68	1.69	0.6%	119485	3.66	3.51	4.2%	119499	9.53	9.45	0.8%
Mn	119460	586	595	1.5%	119474	531	530	0.2%	119485	1210	1160	4.2%	119499	1410	1400	0.7%
Mo	119460	5.6	4.8	15.4%	119474	6.9	6.0	14.0%	119485	5.39	5.21	3.4%	119499	3.4	3.45	1.5%
Na	119460	3.24	3.27	0.9%	119474	2.90	2.92	0.7%	119485	2.37	2.33	1.7%	119499	1.63	1.61	1.2%
Ni	119460	44.6	44.1	1.1%	119474	77.9	76.7	1.6%	119485	136	130	4.5%	119499	463	469	1.3%
P	119460	792	772	2.6%	119474	944	925	2.0%	119485	1710	1690	1.2%	119499	1980	2040	3.0%
Pb	119460	< 20	< 20	0.0%	119474	< 20	< 20	0.0%	119485	< 20	< 20	0.0%	119499	< 20	< 20	0.0%
Rb	119460	< 50	< 50	0.0%	119474	< 50	< 50	0.0%	119485	< 50	< 50	0.0%	119499	< 50	< 50	0.0%
S	119460	0.08	0.08	0.0%	119474	0.09	0.09	0.0%	119485	0.19	0.18	5.4%	119499	0.19	0.19	0.0%
Sb	119460	< 1	< 1	0.0%	119474	< 1	< 1	0.0%	119485	< 1	< 1	0.0%	119499	< 1	2	
Sc	119460	14	15	6.9%	119474	11	11	0.0%	119485	17	17	0.0%	119499	26	27	3.8%
Se	119460	< 10	< 10	0.0%	119474	< 10	< 10	0.0%	119485	< 10	< 10	0.0%	119499	< 10	< 10	0.0%
Sn	119460	< 5	< 5	0.0%	119474	< 5	< 5	0.0%	119485	< 5	< 5	0.0%	119499	< 5	< 5	0.0%





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	119460	433	437	0.9%	119474	426	428	0.5%	119485	668	643	3.8%	119499	626	626	0.0%
Ta	119460	< 10	< 10	0.0%	119474	< 10	< 10	0.0%	119485	< 10	< 10	0.0%	119499	< 10	< 10	0.0%
Te	119460	< 10	< 10	0.0%	119474	< 10	< 10	0.0%	119485	< 10	< 10	0.0%	119499	< 10	13	
Th	119460	7	8	13.3%	119474	13	12	8.0%	119485	9	11	20.0%	119499	< 5	< 5	0.0%
Ti	119460	0.324	0.333	2.7%	119474	0.26	0.26	0.0%	119485	0.84	0.82	2.4%	119499	1.57	1.57	0.0%
Tl	119460	< 5	< 5	0.0%	119474	< 5	< 5	0.0%	119485	< 5	< 5	0.0%	119499	< 5	< 5	0.0%
U	119460	< 50	< 50	0.0%	119474	< 50	< 50	0.0%	119485	< 50	< 50	0.0%	119499	< 50	< 50	0.0%
V	119460	104	107	2.8%	119474	67.8	66.9	1.3%	119485	140	140	0.0%	119499	256	260	1.6%
W	119460	2	3		119474	2	2	0.0%	119485	2	4	66.7%	119499	5	5	0.0%
Y	119460	12	13	8.0%	119474	14	14	0.0%	119485	24	24	0.0%	119499	23	23	0.0%
Zn	119460	87.2	88.3	1.3%	119474	57.6	57.9	0.5%	119485	91.5	86.4	5.7%	119499	96.1	93.7	2.5%
Zr	119460	109	117	7.1%	119474	103	100	3.0%	119485	175	178	1.7%	119499	201	206	2.5%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	119510	< 0.5	< 0.5	0.0%	119524	< 0.5	< 0.5	0.0%								
Al	119510	7.26	7.36	1.4%	119524	7.83	7.70	1.7%								
As	119510	< 1	< 1	0.0%	119524	< 1	< 1	0.0%								
Ba	119510	595	601	1.0%	119524	841	846	0.6%								
Be	119510	0.87	0.83	4.7%	119524	1.74	1.78	2.3%								
Bi	119510	< 1	< 1	0.0%	119524	< 1	< 1	0.0%								
Ca	119510	2.44	2.47	1.2%	119524	2.69	2.64	1.9%								
Cd	119510	< 0.5	< 0.5	0.0%	119524	< 0.5	< 0.5	0.0%								
Ce	119510	46	46	0.0%	119524	73	71	2.8%								
Co	119510	19.7	19.4	1.5%	119524	10.4	10.5	1.0%								
Cr	119510	247	187	27.6%	119524	57.4	55.6	3.2%								
Cu	119510	49.3	47.1	4.6%	119524	< 0.5	< 0.5	0.0%								
Fe	119510	3.98	4.00	0.5%	119524	2.64	2.65	0.4%								
Ga	119510	16	18	11.8%	119524	19	18	5.4%								
In	119510	< 1	< 1	0.0%	119524	< 1	< 1	0.0%								
K	119510	1.66	1.65	0.6%	119524	1.86	1.88	1.1%								
La	119510	22	22	0.0%	119524	34	34	0.0%								
Li	119510	34	33	3.0%	119524	22	23	4.4%								
Mg	119510	1.65	1.67	1.2%	119524	1.39	1.40	0.7%								
Mn	119510	607	607	0.0%	119524	463	466	0.6%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	119510	1.6	1.5	6.5%	119524	4.2	4.4	4.7%								
Na	119510	2.68	2.70	0.7%	119524	3.48	3.42	1.7%								
Ni	119510	51.9	50.4	2.9%	119524	27.7	27.5	0.7%								
P	119510	615	609	1.0%	119524	725	749	3.3%								
Pb	119510	< 20	< 20	0.0%	119524	< 20	< 20	0.0%								
Rb	119510	< 50	< 50	0.0%	119524	< 50	< 50	0.0%								
S	119510	0.143	0.148	3.4%	119524	0.02	0.02	0.0%								
Sb	119510	< 1	< 1	0.0%	119524	< 1	< 1	0.0%								
Sc	119510	17	16	6.1%	119524	8	8	0.0%								
Se	119510	< 10	< 10	0.0%	119524	< 10	< 10	0.0%								
Sn	119510	< 5	< 5	0.0%	119524	< 5	< 5	0.0%								
Sr	119510	435	439	0.9%	119524	864	853	1.3%								
Ta	119510	< 10	< 10	0.0%	119524	< 10	< 10	0.0%								
Te	119510	< 10	< 10	0.0%	119524	< 10	< 10	0.0%								
Th	119510	< 5	< 5	0.0%	119524	8	8	0.0%								
Ti	119510	0.38	0.38	0.0%	119524	0.226	0.207	8.8%								
Tl	119510	< 5	< 5	0.0%	119524	< 5	< 5	0.0%								
U	119510	< 50	< 50	0.0%	119524	< 50	< 50	0.0%								
V	119510	120	119	0.8%	119524	57.8	58.1	0.5%								
W	119510	2	< 1		119524	1	3	100.0%								
Y	119510	15	15	0.0%	119524	12	12	0.0%								
Zn	119510	88.8	84.7	4.7%	119524	60.8	57.7	5.2%								
Zr	119510	104	110	5.6%	119524	113	109	3.6%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	119460	0.004	0.001		119474	< 0.001	< 0.001	0.0%	119485	0.005	0.012		119499	0.002	0.003	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	119510	0.001	0.001	0.0%	119524	0.003	0.002									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.Till-2)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.27	94%	90% - 110%									8.17	8.02	98%	90% - 110%
As													26	26	101%	90% - 110%
Ba	340	308	91%	90% - 110%									540	502	93%	90% - 110%
Be	2.6	2.6	101%	90% - 110%									4.0	3.5	87%	90% - 110%
Ca	5.72	5.18	91%	90% - 110%									0.907	0.875	97%	90% - 110%
Ce	122	124	102%	90% - 110%									98	101	103%	90% - 110%
Co	2.8	3.1	110%	90% - 110%					22.1	19.9	90%	90% - 110%				
Cr	12	11	91%	90% - 110%									60.3	63.1	105%	90% - 110%
Cu													150	151	101%	90% - 110%
Fe	4.34	3.94	91%	90% - 110%									3.77	3.68	98%	90% - 110%
Ga	35	35	99%	90% - 110%												
K	1.37	1.36	99%	90% - 110%												
La	58	58	100%	90% - 110%									44	44	100%	90% - 110%
Li	37	38	104%	90% - 110%									47	47	100%	90% - 110%
Mg	0.325	0.293	90%	90% - 110%									1.10	1.08	98%	90% - 110%
Mn													780	718	92%	90% - 110%
Mo					14	13	91%	90% - 110%					14	14	101%	90% - 110%
Na	5.267	5.074	96%	90% - 110%									1.624	1.633	101%	90% - 110%
Ni					32	32	98%	90% - 110%	77.1	70.5	91%	90% - 110%				
P													750	747	100%	90% - 110%
Sc	1.1	1	93%	90% - 110%									12	13	107%	90% - 110%
Sr	1191	1085	91%	90% - 110%									144	144	100%	90% - 110%
Th													18.4	19.5	106%	90% - 110%
Ti	0.172	0.159	92%	90% - 110%									0.53	0.48	90%	90% - 110%
V													77	76	99%	90% - 110%
W													5	6	130%	90% - 110%
Y	119	128	107%	90% - 110%												
Zn	93	88	95%	90% - 110%									130	121	93%	90% - 110%
Parameter	CRM #5 (ref.GTS-2a)				CRM #6 (ref.SY-4)				CRM #7 (ref.SY-4)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Al	6.96	6.79	98%	90% - 110%					10.95	10.73	98%	90% - 110%				



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

As	124	127	102%	90% - 110%											
Ba	186	172	93%	90% - 110%					340	327	96%	90% - 110%			
Be									2.6	2.4	94%	90% - 110%			
Ca	4.01	3.78	94%	90% - 110%					5.72	5.41	95%	90% - 110%			
Ce	24	23	95%	90% - 110%					122	120	98%	90% - 110%			
Co					2.8	3.1	110%	90% - 110%							
Cr									12	11	91%	90% - 110%			
Cu	88.6	83.6	94%	90% - 110%											
Fe	7.56	7.23	96%	90% - 110%					4.34	4.05	93%	90% - 110%			
Ga									35	32	91%	90% - 110%			
K	2.021	2.081	103%	90% - 110%					1.37	1.41	103%	90% - 110%			
La									58	55	94%	90% - 110%			
Li									37	39	106%	90% - 110%			
Mg	2.412	2.519	104%	90% - 110%					0.325	0.311	96%	90% - 110%			
Mn	1510	1414	94%	90% - 110%											
Na	0.617	0.615	100%	90% - 110%					5.267	5.266	100%	90% - 110%			
P	892	893	100%	90% - 110%											
S	0.348	0.334	96%	90% - 110%											
Sc									1.1	1	88%	90% - 110%			
Sr	92.8	85.8	92%	90% - 110%					1191	1120	94%	90% - 110%			
Ti									0.172	0.165	96%	90% - 110%			
Y									119	120	101%	90% - 110%			
Zn	208	201	97%	90% - 110%					93	93	100%	90% - 110%			

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS5W)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	7.04	103%	90% - 110%	0.725	0.718	99%	90% - 110%	5.27	5.17	98%	90% - 110%	0.562	0.595	106%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00610  
 SAMPLING SITE:

AGAT WORK ORDER: 19T454683  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00616

AGAT WORK ORDER: 19T455147

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Apr 29, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T455147

PROJECT: AGAT00616

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 08, 2019

DATE RECEIVED: Apr 09, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D61123 (122576)		2.13
D61124 (122577)		1.98
D61125 (122578)		1.76
D61126 (122579)		0.07
D61127 (122580)		2.00
D61128 (122581)		1.89
D61129 (122582)		1.92
D61130 (122583)		1.90
D61131 (122584)		2.02
D61132 (122585)		0.92
D61133 (122586)		1.97
D61134 (122587)		2.52
D61135 (122588)		2.61
D61136 (122589)		2.50
D61137 (122590)		2.72
D61138 (122591)		2.72
D61139 (122592)		1.88
D61140 (122593)		3.55
D61141 (122594)		0.93
D61142 (122595)		1.19
D61143 (122596)		2.05
D61144 (122597)		2.23
D61145 (122598)		2.16
D61146 (122599)		0.07
D61147 (122600)		0.69
D61148 (122601)		0.70
D61149 (122602)		1.71
D61150 (122603)		1.78
D61151 (122604)		1.54
D61152 (122605)		1.06
D61153 (122606)		1.57

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T455147

PROJECT: AGAT00616

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 08, 2019

DATE RECEIVED: Apr 09, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D61154 (122607)		2.26
D61155 (122608)		2.18
D61156 (122609)		1.42
D61157 (122610)		1.71
D61158 (122611)		1.71
D61159 (122612)		1.07
D61160 (122613)		0.79
D61161 (122614)		1.66
D61162 (122615)		1.84
D61163 (122616)		2.02
D61164 (122617)		2.27
D61165 (122618)		1.28
D61166 (122619)		0.07
D61167 (122620)		1.51
D61168 (122621)		2.16
D61169 (122622)		1.75
D61170 (122623)		0.74
D61171 (122624)		0.76
D61172 (122625)		0.96
D61173 (122626)		1.46
D61174 (122627)		1.63
D61175 (122628)		1.54
D61176 (122629)		2.11
D61177 (122630)		1.84
D61178 (122631)		1.84
D61179 (122632)		2.37
D61180 (122633)		1.68
D61181 (122634)		1.77
D61182 (122635)		1.89
D61183 (122636)		2.13
D61184 (122637)		0.66

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T455147

PROJECT: AGAT00616

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 08, 2019      DATE RECEIVED: Apr 09, 2019      DATE REPORTED: Apr 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D61185 (122638)		1.80
D61186 (122639)		0.07
D61187 (122640)		1.54
D61188 (122641)		1.51
D61189 (122642)		1.68
D61190 (122643)		0.61
D61191 (122644)		1.69
D61192 (122645)		0.90
D61193 (122646)		1.63
D61194 (122647)		1.68

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T455147

PROJECT: AGAT00616

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 08, 2019	DATE RECEIVED: Apr 09, 2019							DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D61123 (122576)	<0.5	8.31	<1	1020	2.4	<1	2.69	<0.5	74	9.8	69.5	<0.5	2.79	19	
D61124 (122577)	<0.5	8.11	<1	984	2.5	<1	2.66	<0.5	72	9.6	71.9	20.2	2.82	19	
D61125 (122578)	<0.5	7.81	<1	1070	2.4	<1	2.51	<0.5	68	9.0	72.5	33.6	2.64	19	
D61126 (122579)	<0.5	7.60	<1	189	2.1	<1	6.44	<0.5	15	37.8	171	104	7.60	32	
D61127 (122580)	<0.5	7.20	<1	970	2.2	<1	2.44	<0.5	64	8.9	71.4	1.0	2.59	16	
D61128 (122581)	<0.5	7.67	<1	824	2.3	<1	2.63	<0.5	65	8.9	63.3	<0.5	2.51	18	
D61129 (122582)	<0.5	7.55	<1	890	2.3	<1	2.62	<0.5	64	8.7	64.9	<0.5	2.52	19	
D61130 (122583)	<0.5	7.68	3	967	2.7	<1	2.58	<0.5	66	8.6	66.9	63.4	2.56	18	
D61131 (122584)	<0.5	7.40	<1	783	2.5	<1	2.56	<0.5	65	8.9	69.9	4.5	2.53	18	
D61132 (122585)	<0.5	0.10	1	18	<0.5	<1	31.2	<0.5	<1	<0.5	1.0	<0.5	0.15	<5	
D61133 (122586)	<0.5	8.17	3	1080	3.1	<1	3.04	<0.5	79	8.8	73.7	7.1	2.70	19	
D61134 (122587)	<0.5	2.54	2	923	5.9	<1	8.12	<0.5	141	52.1	455	63.0	7.08	24	
D61135 (122588)	<0.5	2.85	<1	886	6.3	<1	8.67	<0.5	131	47.5	350	95.1	7.20	27	
D61136 (122589)	<0.5	2.61	1	349	5.9	<1	9.92	<0.5	131	50.6	320	82.1	6.29	23	
D61137 (122590)	<0.5	2.31	5	178	7.3	<1	10.1	<0.5	145	49.2	296	67.9	6.26	21	
D61138 (122591)	<0.5	2.28	3	171	7.7	<1	9.98	<0.5	150	48.8	307	69.2	6.27	22	
D61139 (122592)	<0.5	2.40	8	364	5.5	<1	9.94	<0.5	123	41.0	283	40.4	5.36	17	
D61140 (122593)	<0.5	7.29	4	535	15.0	<1	3.34	<0.5	92	7.7	71.7	2.3	2.87	19	
D61141 (122594)	<0.5	3.23	<1	866	6.2	<1	8.17	<0.5	136	39.2	330	63.2	7.09	24	
D61142 (122595)	<0.5	6.50	13	375	2.8	<1	1.69	<0.5	129	6.0	39.7	3.4	2.50	17	
D61143 (122596)	<0.5	7.53	1	851	2.5	<1	2.52	<0.5	76	8.6	68.7	<0.5	2.60	19	
D61144 (122597)	<0.5	7.95	<1	809	2.6	<1	2.90	<0.5	70	9.1	70.3	5.3	2.72	18	
D61145 (122598)	<0.5	7.39	3	795	2.4	<1	2.75	<0.5	66	9.0	73.6	10.2	2.58	17	
D61146 (122599)	<0.5	7.38	<1	145	1.4	<1	6.94	<0.5	5	40.0	170	150	8.05	31	
D61147 (122600)	<0.5	4.94	<1	620	6.4	<1	6.12	<0.5	128	29.0	162	39.6	5.25	23	
D61148 (122601)	<0.5	6.81	<1	1190	2.4	<1	2.40	<0.5	52	7.3	49.3	720	2.09	18	
D61149 (122602)	<0.5	7.52	<1	872	2.5	<1	2.42	<0.5	65	9.2	59.7	9.4	2.43	18	
D61150 (122603)	<0.5	7.97	<1	889	2.6	<1	2.63	<0.5	67	9.2	63.1	0.7	2.67	20	
D61151 (122604)	<0.5	5.10	<1	753	1.6	<1	1.75	<0.5	45	5.3	44.3	1.5	1.65	11	
D61152 (122605)	<0.5	0.08	2	20	<0.5	<1	28.3	<0.5	<1	0.8	1.1	<0.5	0.14	<5	
D61153 (122606)	<0.5	7.48	<1	732	2.5	<1	2.77	<0.5	64	9.9	63.4	4.4	2.69	18	
D61154 (122607)	<0.5	7.93	2	629	2.5	<1	2.67	<0.5	67	9.5	63.2	<0.5	2.55	21	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T455147

PROJECT: AGAT00616

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 08, 2019	DATE RECEIVED: Apr 09, 2019							DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D61155 (122608)	<0.5	7.80	<1	869	2.3	<1	2.53	<0.5	66	9.5	61.8	<0.5	2.58	20	
D61156 (122609)	<0.5	5.14	<1	716	1.6	<1	1.73	<0.5	55	6.5	46.2	10.1	1.82	12	
D61157 (122610)	<0.5	7.44	<1	753	2.6	<1	2.86	<0.5	68	9.8	74.2	6.1	2.74	20	
D61158 (122611)	<0.5	7.37	<1	738	2.5	<1	2.78	<0.5	66	9.6	73.7	4.7	2.66	20	
D61159 (122612)	<0.5	8.77	2	1110	2.8	<1	3.02	<0.5	85	11.2	88.4	<0.5	3.29	22	
D61160 (122613)	<0.5	1.47	<1	127	0.6	<1	0.93	<0.5	21	2.6	29.1	4.7	0.89	<5	
D61161 (122614)	<0.5	7.64	3	982	2.4	<1	2.57	<0.5	66	9.0	66.5	25.4	2.56	19	
D61162 (122615)	<0.5	7.72	<1	717	2.2	<1	2.68	<0.5	64	9.2	63.1	5.1	2.55	18	
D61163 (122616)	<0.5	7.67	<1	516	1.8	<1	2.78	<0.5	54	17.9	97.0	5.1	4.02	21	
D61164 (122617)	<0.5	7.68	<1	595	1.9	<1	2.56	<0.5	50	19.9	102	36.5	4.69	22	
D61165 (122618)	<0.5	7.89	<1	606	1.6	<1	2.64	<0.5	44	18.0	75.6	62.2	4.70	24	
D61166 (122619)	<0.5	7.40	3	85	1.1	<1	7.42	<0.5	4	38.0	171	155	7.44	29	
D61167 (122620)	<0.5	7.55	<1	580	1.6	<1	2.52	<0.5	41	16.6	73.3	85.2	4.12	21	
D61168 (122621)	<0.5	7.92	<1	551	1.7	<1	2.95	<0.5	47	16.8	68.9	84.6	4.32	22	
D61169 (122622)	<0.5	7.61	<1	611	1.8	<1	2.85	<0.5	42	17.0	82.5	41.7	4.56	22	
D61170 (122623)	<0.5	8.02	<1	712	1.7	<1	2.86	<0.5	52	17.1	80.5	25.9	4.49	23	
D61171 (122624)	<0.5	4.85	<1	826	4.5	<1	5.91	<0.5	87	43.4	462	65.7	7.27	30	
D61172 (122625)	<0.5	0.08	<1	19	<0.5	<1	31.0	<0.5	<1	<0.5	1.1	<0.5	0.14	<5	
D61173 (122626)	<0.5	7.84	<1	629	2.1	<1	3.17	<0.5	48	16.8	153	40.8	4.41	22	
D61174 (122627)	<0.5	7.25	<1	552	2.4	<1	2.70	<0.5	50	18.2	160	25.0	3.98	22	
D61175 (122628)	<0.5	8.11	<1	625	1.4	<1	2.94	<0.5	45	17.5	114	27.1	4.61	23	
D61176 (122629)	<0.5	8.11	<1	583	1.6	<1	3.00	<0.5	48	18.0	133	30.6	4.88	23	
D61177 (122630)	<0.5	7.74	<1	554	1.6	<1	2.57	<0.5	45	18.3	120	55.3	4.22	22	
D61178 (122631)	<0.5	7.84	<1	563	1.5	<1	2.72	<0.5	43	17.6	168	57.1	4.49	21	
D61179 (122632)	<0.5	8.02	<1	573	1.5	<1	2.82	<0.5	47	15.6	126	49.1	4.24	21	
D61180 (122633)	<0.5	7.61	<1	667	1.6	<1	2.45	<0.5	49	18.0	131	30.8	3.90	22	
D61181 (122634)	<0.5	2.84	<1	951	5.3	<1	7.50	<0.5	126	52.5	673	98.1	8.65	34	
D61182 (122635)	<0.5	7.66	<1	596	2.1	<1	2.95	<0.5	56	16.2	95.1	33.6	4.03	20	
D61183 (122636)	<0.5	7.15	<1	507	1.9	<1	2.64	<0.5	48	16.2	81.4	34.8	3.58	20	
D61184 (122637)	<0.5	5.43	<1	828	3.7	<1	6.80	<0.5	91	25.8	177	52.9	5.56	23	
D61185 (122638)	<0.5	2.60	<1	1090	4.4	<1	7.65	<0.5	146	54.9	463	80.6	7.89	29	
D61186 (122639)	<0.5	7.40	<1	185	1.7	<1	6.26	<0.5	14	35.1	143	101	7.55	32	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T455147

PROJECT: AGAT00616

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 08, 2019		DATE RECEIVED: Apr 09, 2019						DATE REPORTED: Apr 29, 2019				SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D61187 (122640)		<0.5	6.70	<1	577	2.2	<1	2.89	<0.5	56	18.1	126	33.0	3.72	21
D61188 (122641)		<0.5	7.33	5	551	2.7	<1	2.82	<0.5	46	18.5	109	38.1	4.22	21
D61189 (122642)		<0.5	7.46	2	485	1.7	<1	2.93	<0.5	42	19.7	109	46.0	4.24	20
D61190 (122643)		<0.5	7.58	2	557	2.2	<1	2.88	<0.5	42	18.1	94.1	55.5	4.46	22
D61191 (122644)		<0.5	6.50	<1	1270	3.1	<1	8.43	<0.5	129	33.0	367	71.1	7.47	30
D61192 (122645)		<0.5	0.10	<1	20	<0.5	<1	32.5	<0.5	<1	<0.5	5.2	<0.5	0.11	<5
D61193 (122646)		<0.5	6.02	<1	1230	2.9	<1	8.56	<0.5	114	35.1	480	64.0	7.45	27
D61194 (122647)		<0.5	7.87	<1	687	1.8	<1	2.80	<0.5	47	19.1	147	43.3	4.58	24

Certified By:

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 08, 2019

DATE RECEIVED: Apr 09, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D61123 (122576)		<1	2.67	38	23	1.50	503	5.6	3.86	34.9	876	<20	<50	0.01	<1
D61124 (122577)		<1	2.46	37	23	1.48	504	6.4	3.82	33.4	930	<20	<50	0.01	<1
D61125 (122578)		<1	2.32	34	30	1.39	471	6.9	3.58	31.4	882	<20	<50	0.03	<1
D61126 (122579)		<1	0.44	9	11	4.36	1380	2.0	2.36	108	916	<20	<50	0.10	1
D61127 (122580)		<1	2.29	32	20	1.32	479	7.2	3.27	29.5	782	<20	<50	0.01	<1
D61128 (122581)		<1	2.27	33	20	1.31	480	5.0	3.58	29.5	799	<20	<50	0.01	<1
D61129 (122582)		<1	2.12	33	22	1.32	473	5.1	3.51	29.1	750	<20	<50	<0.01	<1
D61130 (122583)		<1	2.05	33	22	1.36	476	6.2	3.67	29.7	847	<20	<50	0.04	<1
D61131 (122584)		<1	2.05	33	15	1.30	476	6.3	3.62	29.0	833	<20	<50	0.01	<1
D61132 (122585)		<1	0.03	2	2	3.17	131	1.6	0.05	1.0	100	<20	<50	0.02	1
D61133 (122586)		<1	2.59	40	20	1.46	540	9.1	4.24	33.0	1010	<20	<50	0.04	<1
D61134 (122587)		<1	2.27	69	72	9.09	1310	4.4	2.22	398	843	<20	<50	0.18	2
D61135 (122588)		<1	2.45	65	72	7.97	1260	4.3	1.99	317	2980	<20	<50	0.26	<1
D61136 (122589)		<1	2.26	65	28	6.60	1280	3.8	2.12	331	966	<20	<50	0.20	2
D61137 (122590)		<1	2.58	75	145	7.22	1460	3.7	1.66	351	1290	<20	<50	0.23	2
D61138 (122591)		<1	2.62	79	152	7.22	1450	3.6	1.66	357	1380	<20	<50	0.24	3
D61139 (122592)		<1	2.10	63	779	6.21	1440	2.5	1.27	277	>10000	39	<50	0.14	3
D61140 (122593)		<1	1.58	45	147	1.96	492	3.6	5.42	58.5	2970	<20	<50	0.01	<1
D61141 (122594)		<1	2.57	69	109	8.18	1380	4.8	1.84	288	2720	<20	<50	0.15	<1
D61142 (122595)		<1	3.84	67	59	0.79	315	5.0	2.96	30.3	624	20	<50	0.02	<1
D61143 (122596)		<1	1.94	40	21	1.31	504	5.9	3.65	29.8	841	<20	<50	0.01	<1
D61144 (122597)		<1	2.05	36	20	1.42	512	6.4	3.75	30.5	851	<20	<50	0.02	1
D61145 (122598)		<1	2.31	33	17	1.33	479	7.5	3.33	31.2	915	<20	<50	0.02	<1
D61146 (122599)		<1	0.20	3	13	4.41	1470	1.6	2.37	88.1	433	<20	<50	0.17	<1
D61147 (122600)		<1	2.43	63	90	4.74	1060	4.0	2.96	159	1880	<20	<50	0.07	<1
D61148 (122601)		<1	2.64	25	14	1.09	510	3.6	3.13	27.6	1300	<20	<50	0.15	<1
D61149 (122602)		<1	2.11	33	15	1.30	511	3.4	3.35	29.0	782	<20	<50	0.02	<1
D61150 (122603)		<1	2.22	33	21	1.43	514	3.4	3.85	30.9	876	<20	<50	0.02	<1
D61151 (122604)		<1	1.74	22	18	0.85	333	4.8	2.31	19.4	564	<20	<50	<0.01	1
D61152 (122605)		<1	0.02	<2	2	3.41	120	1.7	0.05	1.1	98	<20	<50	0.05	1
D61153 (122606)		<1	1.87	33	26	1.48	533	3.3	3.41	31.5	838	<20	<50	0.02	<1
D61154 (122607)		<1	1.75	34	17	1.36	497	3.2	3.83	29.9	869	<20	<50	0.01	<1

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T455147

PROJECT: AGAT00616

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 08, 2019	DATE RECEIVED: Apr 09, 2019					DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D61155 (122608)	<1	2.21	34	20	1.41	496	3.0	3.72	30.4	840	<20	<50	0.01	<1	
D61156 (122609)	<1	1.79	28	23	0.91	330	4.9	2.24	22.5	615	<20	<50	0.02	<1	
D61157 (122610)	<1	1.88	34	21	1.45	554	4.1	3.50	33.1	710	<20	<50	0.02	<1	
D61158 (122611)	<1	1.88	34	21	1.42	542	3.5	3.48	32.4	689	<20	<50	0.02	<1	
D61159 (122612)	<1	3.02	43	20	1.87	621	2.8	3.83	42.4	989	<20	<50	0.02	<1	
D61160 (122613)	<1	0.40	9	5	0.39	197	7.2	0.66	8.9	197	<20	<50	0.01	<1	
D61161 (122614)	<1	1.98	33	26	1.38	493	3.8	3.61	30.4	826	<20	<50	0.03	<1	
D61162 (122615)	<1	1.48	33	26	1.36	463	3.2	3.74	30.9	816	<20	<50	0.02	<1	
D61163 (122616)	<1	1.58	26	32	1.85	549	53.9	3.36	55.3	780	<20	<50	0.03	<1	
D61164 (122617)	<1	1.98	25	39	1.99	605	5.3	3.22	59.4	812	<20	<50	0.06	<1	
D61165 (122618)	<1	1.85	22	37	1.83	839	4.1	3.28	49.1	750	<20	<50	0.10	<1	
D61166 (122619)	<1	0.24	3	15	4.44	1370	2.1	1.73	98.3	382	<20	<50	0.24	1	
D61167 (122620)	<1	1.70	21	30	1.61	810	3.6	3.32	47.7	692	<20	<50	0.16	<1	
D61168 (122621)	<1	1.48	24	25	1.58	890	3.9	3.44	43.6	788	<20	<50	0.26	<1	
D61169 (122622)	<1	1.68	21	27	1.71	989	3.8	3.06	45.8	686	<20	<50	0.18	<1	
D61170 (122623)	<1	1.63	26	37	1.74	918	4.0	3.38	49.8	826	<20	<50	0.12	<1	
D61171 (122624)	<1	2.26	47	66	7.90	1410	2.8	2.45	385	2000	<20	<50	0.23	<1	
D61172 (122625)	<1	0.02	2	1	2.24	121	1.2	0.04	1.5	97	<20	<50	0.06	<1	
D61173 (122626)	<1	1.43	24	36	1.68	887	16.5	3.78	46.7	867	<20	<50	0.18	1	
D61174 (122627)	<1	1.60	25	32	1.67	789	2.5	2.86	55.1	792	<20	<50	0.10	<1	
D61175 (122628)	<1	1.72	23	35	1.76	921	2.2	3.19	48.3	800	<20	<50	0.12	<1	
D61176 (122629)	<1	1.60	24	36	1.77	1020	11.5	3.27	54.7	813	<20	<50	0.14	2	
D61177 (122630)	<1	1.51	23	29	1.55	860	2.1	3.03	49.6	746	<20	<50	0.22	<1	
D61178 (122631)	<1	1.51	21	29	1.58	878	2.5	3.20	50.5	734	<20	<50	0.23	1	
D61179 (122632)	<1	1.46	24	27	1.54	871	2.4	3.50	45.7	809	<20	<50	0.18	<1	
D61180 (122633)	<1	1.40	24	34	1.57	708	2.3	3.57	54.2	785	<20	<50	0.12	<1	
D61181 (122634)	<1	2.06	71	18	11.3	1520	2.8	0.88	526	2230	<20	<50	0.22	2	
D61182 (122635)	<1	1.27	27	30	1.64	828	1.8	3.79	47.1	851	<20	<50	0.12	<1	
D61183 (122636)	<1	1.21	24	32	1.72	710	1.8	3.46	54.9	907	<20	<50	0.12	1	
D61184 (122637)	<1	0.99	50	47	4.01	1160	4.2	4.65	139	4150	<20	<50	0.14	2	
D61185 (122638)	<1	2.24	76	32	11.3	1450	2.9	1.29	562	2510	<20	<50	0.22	2	
D61186 (122639)	<1	0.42	9	11	4.23	1360	1.9	2.36	102	933	<20	<50	0.10	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T455147

PROJECT: AGAT00616

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 08, 2019	DATE RECEIVED: Apr 09, 2019					DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D61187 (122640)	<1	0.93	28	31	1.69	647	2.0	3.42	52.3	1080	<20	<50	0.10	<1	
D61188 (122641)	<1	1.92	22	28	1.74	744	1.9	3.06	51.1	623	26	<50	0.17	<1	
D61189 (122642)	<1	1.82	21	20	1.77	750	2.1	3.09	54.3	769	<20	<50	0.20	<1	
D61190 (122643)	<1	1.62	20	16	1.61	859	2.4	3.58	48.2	761	<20	<50	0.24	<1	
D61191 (122644)	<1	2.93	69	35	4.90	1460	2.9	2.05	99.9	4950	<20	<50	0.27	1	
D61192 (122645)	<1	0.02	<2	<1	2.75	128	<0.5	0.05	0.9	116	<20	<50	0.08	1	
D61193 (122646)	<1	2.71	61	31	6.16	1440	2.3	1.91	153	4570	<20	<50	0.20	4	
D61194 (122647)	<1	1.77	24	25	1.81	795	1.9	3.38	57.7	766	<20	<50	0.15	<1	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 08, 2019	DATE RECEIVED: Apr 09, 2019					DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D61123 (122576)	9	<10	<5	895	<10	<10	8	0.26	<5	<50	64.3	<1	14	65.8	
D61124 (122577)	8	<10	<5	861	<10	<10	8	0.25	<5	<50	66.5	<1	13	64.4	
D61125 (122578)	8	<10	<5	800	<10	<10	8	0.24	<5	<50	61.8	<1	14	64.1	
D61126 (122579)	35	<10	<5	246	<10	<10	<5	0.88	<5	<50	245	<1	24	89.7	
D61127 (122580)	8	<10	<5	723	<10	<10	6	0.22	<5	<50	59.0	<1	13	59.3	
D61128 (122581)	8	<10	<5	776	<10	<10	8	0.21	<5	<50	60.7	<1	13	60.3	
D61129 (122582)	8	<10	<5	719	<10	<10	7	0.22	<5	<50	60.0	<1	13	61.2	
D61130 (122583)	8	<10	<5	775	<10	<10	8	0.22	<5	<50	61.0	<1	13	59.9	
D61131 (122584)	8	<10	<5	730	<10	<10	9	0.21	<5	<50	60.7	<1	14	55.9	
D61132 (122585)	<1	<10	<5	64	<10	<10	<5	<0.01	<5	<50	1.5	<1	3	3.7	
D61133 (122586)	9	<10	<5	742	<10	<10	17	0.22	<5	<50	71.1	<1	18	65.0	
D61134 (122587)	19	<10	<5	949	<10	<10	8	0.79	<5	<50	204	<1	34	70.6	
D61135 (122588)	27	<10	<5	917	<10	<10	7	0.89	<5	<50	240	<1	36	68.4	
D61136 (122589)	20	<10	<5	875	<10	<10	13	0.58	<5	<50	229	<1	34	66.3	
D61137 (122590)	24	<10	<5	1120	<10	<10	10	0.37	<5	<50	246	<1	31	72.7	
D61138 (122591)	25	<10	<5	1130	<10	<10	14	0.44	<5	<50	256	<1	31	76.0	
D61139 (122592)	37	<10	<5	1910	<10	<10	25	0.27	<5	<50	187	<1	30	119	
D61140 (122593)	17	<10	<5	966	<10	<10	44	0.23	<5	<50	95.4	<1	26	49.3	
D61141 (122594)	27	<10	<5	1050	<10	<10	14	1.09	<5	<50	201	<1	27	82.0	
D61142 (122595)	5	<10	<5	288	<10	<10	41	0.17	<5	<50	45.1	<1	12	57.1	
D61143 (122596)	8	<10	<5	666	<10	<10	11	0.21	<5	<50	56.7	<1	13	69.5	
D61144 (122597)	8	<10	<5	877	<10	<10	7	0.23	<5	<50	65.9	<1	14	63.3	
D61145 (122598)	9	<10	<5	728	<10	<10	10	0.20	<5	<50	64.3	<1	13	57.8	
D61146 (122599)	47	<10	<5	113	<10	<10	<5	0.71	<5	<50	319	<1	25	79.8	
D61147 (122600)	16	<10	<5	890	<10	<10	12	0.53	<5	<50	142	<1	26	65.9	
D61148 (122601)	16	<10	<5	561	<10	<10	15	0.13	<5	<50	53.5	<1	28	51.4	
D61149 (122602)	9	<10	<5	726	<10	<10	9	0.20	<5	<50	61.9	<1	14	59.9	
D61150 (122603)	10	<10	<5	871	<10	<10	10	0.21	<5	<50	64.1	<1	13	60.7	
D61151 (122604)	6	<10	<5	573	<10	<10	7	0.13	<5	<50	37.0	<1	9	39.1	
D61152 (122605)	<1	<10	<5	61	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	2.8	
D61153 (122606)	9	<10	<5	796	<10	<10	7	0.23	<5	<50	64.0	<1	14	65.1	
D61154 (122607)	8	<10	<5	872	<10	<10	9	0.22	<5	<50	64.8	<1	13	61.0	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T455147

PROJECT: AGAT00616

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ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 08, 2019	DATE RECEIVED: Apr 09, 2019					DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D61155 (122608)	8	<10	<5	887	<10	<10	8	0.23	<5	<50	61.5	<1	13	65.4	
D61156 (122609)	6	<10	<5	577	<10	<10	11	0.14	<5	<50	42.9	<1	8	49.1	
D61157 (122610)	9	<10	<5	802	<10	<10	8	0.21	<5	<50	62.8	<1	13	75.7	
D61158 (122611)	9	<10	<5	845	<10	<10	9	0.21	<5	<50	62.0	<1	12	61.8	
D61159 (122612)	11	<10	<5	1040	<10	<10	8	0.26	<5	<50	71.6	<1	18	77.7	
D61160 (122613)	2	<10	<5	180	<10	<10	6	0.05	<5	<50	14.1	<1	4	16.2	
D61161 (122614)	8	<10	<5	797	<10	<10	7	0.24	<5	<50	63.9	<1	13	61.9	
D61162 (122615)	8	<10	<5	659	<10	<10	8	0.24	<5	<50	64.6	<1	13	54.2	
D61163 (122616)	17	<10	<5	567	<10	<10	<5	0.41	<5	<50	128	<1	17	46.0	
D61164 (122617)	19	<10	<5	515	<10	<10	<5	0.45	<5	<50	140	<1	16	47.0	
D61165 (122618)	18	<10	<5	507	<10	<10	<5	0.41	<5	<50	126	<1	17	64.4	
D61166 (122619)	43	<10	<5	173	<10	<10	<5	0.62	<5	<50	283	<1	22	75.0	
D61167 (122620)	15	<10	<5	497	<10	<10	<5	0.39	<5	<50	112	<1	14	71.7	
D61168 (122621)	15	<10	<5	513	<10	<10	<5	0.40	<5	<50	116	<1	16	68.4	
D61169 (122622)	17	<10	<5	489	<10	<10	<5	0.39	<5	<50	123	<1	16	69.6	
D61170 (122623)	17	<10	<5	491	<10	<10	<5	0.41	<5	<50	119	<1	16	71.5	
D61171 (122624)	20	<10	<5	738	<10	<10	<5	1.48	<5	<50	221	<1	23	87.8	
D61172 (122625)	<1	<10	<5	63	<10	<10	<5	<0.01	<5	<50	1.7	<1	3	3.1	
D61173 (122626)	16	<10	<5	444	<10	<10	<5	0.42	<5	<50	125	<1	18	72.3	
D61174 (122627)	16	<10	<5	438	<10	<10	5	0.36	<5	<50	117	<1	16	74.9	
D61175 (122628)	16	<10	<5	512	<10	<10	<5	0.42	<5	<50	121	<1	16	78.7	
D61176 (122629)	16	<10	<5	441	<10	<10	<5	0.42	<5	<50	121	<1	16	75.1	
D61177 (122630)	15	<10	<5	445	<10	<10	<5	0.37	<5	<50	113	<1	14	72.7	
D61178 (122631)	14	<10	<5	483	<10	<10	<5	0.39	<5	<50	112	<1	14	74.4	
D61179 (122632)	14	<10	<5	485	<10	<10	<5	0.40	<5	<50	104	<1	15	68.8	
D61180 (122633)	16	<10	<5	442	<10	<10	6	0.39	<5	<50	123	<1	17	81.2	
D61181 (122634)	23	<10	<5	848	<10	<10	<5	2.02	<5	<50	277	<1	26	81.6	
D61182 (122635)	16	<10	<5	491	<10	<10	<5	0.38	<5	<50	118	<1	18	74.9	
D61183 (122636)	12	<10	<5	439	<10	<10	8	0.34	<5	<50	99.9	<1	19	65.8	
D61184 (122637)	15	<10	<5	922	<10	<10	29	0.66	<5	<50	200	<1	185	76.4	
D61185 (122638)	20	<10	<5	873	<10	<10	<5	1.38	<5	<50	221	<1	28	91.1	
D61186 (122639)	34	<10	<5	243	<10	<10	<5	0.86	<5	<50	235	<1	24	86.7	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T455147

PROJECT: AGAT00616

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 08, 2019	DATE RECEIVED: Apr 09, 2019					DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D61187 (122640)	16	<10	<5	499	<10	<10	6	0.35	<5	<50	127	<1	21	76.0	
D61188 (122641)	18	<10	<5	423	<10	<10	<5	0.39	<5	<50	138	<1	16	151	
D61189 (122642)	18	<10	<5	453	<10	<10	<5	0.41	<5	<50	133	<1	16	123	
D61190 (122643)	18	<10	<5	390	<10	<10	<5	0.39	<5	<50	124	<1	15	74.0	
D61191 (122644)	22	<10	<5	972	<10	<10	<5	1.04	<5	<50	188	<1	25	76.4	
D61192 (122645)	<1	<10	<5	73	<10	<10	<5	<0.01	<5	<50	1.6	<1	3	3.4	
D61193 (122646)	23	<10	<5	852	<10	<10	<5	1.04	<5	<50	182	<1	23	70.3	
D61194 (122647)	17	<10	<5	417	<10	<10	<5	0.41	<5	<50	132	<1	16	79.6	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 08, 2019      DATE RECEIVED: Apr 09, 2019      DATE REPORTED: Apr 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D61123 (122576)				124
D61124 (122577)				112
D61125 (122578)				114
D61126 (122579)				96
D61127 (122580)				101
D61128 (122581)				102
D61129 (122582)				105
D61130 (122583)				110
D61131 (122584)				109
D61132 (122585)				<5
D61133 (122586)				125
D61134 (122587)				250
D61135 (122588)				174
D61136 (122589)				231
D61137 (122590)				136
D61138 (122591)				138
D61139 (122592)				10
D61140 (122593)				138
D61141 (122594)				116
D61142 (122595)				64
D61143 (122596)				110
D61144 (122597)				115
D61145 (122598)				111
D61146 (122599)				62
D61147 (122600)				209
D61148 (122601)				82
D61149 (122602)				114
D61150 (122603)				107
D61151 (122604)				64
D61152 (122605)				<5
D61153 (122606)				102
D61154 (122607)				113

Certified By:

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PROJECT: AGAT00616

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CLIENT NAME: GOLDCORP BORDEN LIMITED

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## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 08, 2019

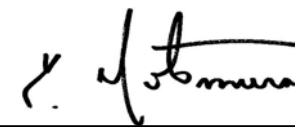
DATE RECEIVED: Apr 09, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Zr
	Unit:	ppm
	RDL:	5
D61155 (122608)		114
D61156 (122609)		82
D61157 (122610)		111
D61158 (122611)		102
D61159 (122612)		134
D61160 (122613)		20
D61161 (122614)		117
D61162 (122615)		114
D61163 (122616)		101
D61164 (122617)		77
D61165 (122618)		108
D61166 (122619)		52
D61167 (122620)		106
D61168 (122621)		119
D61169 (122622)		119
D61170 (122623)		107
D61171 (122624)		200
D61172 (122625)		<5
D61173 (122626)		130
D61174 (122627)		129
D61175 (122628)		120
D61176 (122629)		124
D61177 (122630)		117
D61178 (122631)		115
D61179 (122632)		112
D61180 (122633)		122
D61181 (122634)		172
D61182 (122635)		127
D61183 (122636)		110
D61184 (122637)		123
D61185 (122638)		67
D61186 (122639)		94

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T455147

PROJECT: AGAT00616

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

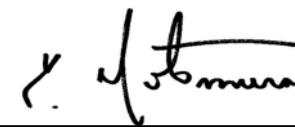
(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 08, 2019      DATE RECEIVED: Apr 09, 2019      DATE REPORTED: Apr 29, 2019      SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D61187 (122640)	118
D61188 (122641)	118
D61189 (122642)	103
D61190 (122643)	129
D61191 (122644)	237
D61192 (122645)	<5
D61193 (122646)	199
D61194 (122647)	114

 Comments: RDL - Reported Detection Limit  
 122576-122647 As, Sb values may be low due to digestion losses.

Certified By:





## Certificate of Analysis

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PROJECT: AGAT00616

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 08, 2019      DATE RECEIVED: Apr 09, 2019      DATE REPORTED: Apr 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D61123 (122576)			0.003
D61124 (122577)			0.008
D61125 (122578)			0.003
D61126 (122579)			0.319
D61127 (122580)			0.084
D61128 (122581)			0.002
D61129 (122582)			0.001
D61130 (122583)			0.006
D61131 (122584)			0.002
D61132 (122585)			<0.001
D61133 (122586)			0.002
D61134 (122587)			0.002
D61135 (122588)			0.002
D61136 (122589)			0.002
D61137 (122590)			0.002
D61138 (122591)			0.002
D61139 (122592)			0.001
D61140 (122593)			0.003
D61141 (122594)			0.001
D61142 (122595)			<0.001
D61143 (122596)			0.002
D61144 (122597)			0.002
D61145 (122598)			0.007
D61146 (122599)			0.508
D61147 (122600)			0.064
D61148 (122601)			0.502
D61149 (122602)			0.008
D61150 (122603)			0.005
D61151 (122604)			0.006
D61152 (122605)			0.005
D61153 (122606)			0.003
D61154 (122607)			0.005

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T455147

PROJECT: AGAT00616

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 08, 2019

DATE RECEIVED: Apr 09, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D61155 (122608)			0.003
D61156 (122609)			0.002
D61157 (122610)			0.002
D61158 (122611)			0.005
D61159 (122612)			0.005
D61160 (122613)			0.001
D61161 (122614)			0.002
D61162 (122615)			0.002
D61163 (122616)			0.002
D61164 (122617)			0.003
D61165 (122618)			0.004
D61166 (122619)			1.18
D61167 (122620)			0.004
D61168 (122621)			0.013
D61169 (122622)			0.006
D61170 (122623)			0.003
D61171 (122624)			0.003
D61172 (122625)			0.002
D61173 (122626)			0.007
D61174 (122627)			0.006
D61175 (122628)			0.021
D61176 (122629)			0.022
D61177 (122630)			0.017
D61178 (122631)			0.072
D61179 (122632)			0.012
D61180 (122633)			0.004
D61181 (122634)			0.002
D61182 (122635)			0.005
D61183 (122636)			0.004
D61184 (122637)			0.002
D61185 (122638)			0.002
D61186 (122639)			0.352

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T455147

PROJECT: AGAT00616

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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 08, 2019      DATE RECEIVED: Apr 09, 2019      DATE REPORTED: Apr 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D61187 (122640)			0.003
D61188 (122641)			0.005
D61189 (122642)			0.011
D61190 (122643)			0.024
D61191 (122644)			0.002
D61192 (122645)			0.001
D61193 (122646)			0.003
D61194 (122647)			0.008

Comments: RDL - Reported Detection Limit

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T455147

PROJECT: AGAT00616

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 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 08, 2019

DATE RECEIVED: Apr 09, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D61123 (122576)		93
D61142 (122595)		93
D61147 (122600)		84
D61162 (122615)		86
D61182 (122635)		81
D61183 (122636)		85

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T455147

PROJECT: AGAT00616

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CANADA L4Z 1N9  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 08, 2019

DATE RECEIVED: Apr 09, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D61123 (122576)		97
D61133 (122586)		96
D61147 (122600)		95
D61173 (122626)		88

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	122576	< 0.5	< 0.5	0.0%	122590	< 0.5	< 0.5	0.0%	122601	< 0.5	< 0.5	0.0%	122615	< 0.5	< 0.5	0.0%
Al	122576	8.31	7.94	4.6%	122590	2.31	2.20	4.9%	122601	6.81	6.98	2.5%	122615	7.72	7.82	1.3%
As	122576	< 1	< 1	0.0%	122590	5	4	22.2%	122601	< 1	3		122615	< 1	< 1	0.0%
Ba	122576	1020	968	5.2%	122590	178	174	2.3%	122601	1190	1180	0.8%	122615	717	727	1.4%
Be	122576	2.4	2.4	0.0%	122590	7.3	7.2	1.4%	122601	2.4	2.4	0.0%	122615	2.22	2.28	2.7%
Bi	122576	< 1	< 1	0.0%	122590	< 1	< 1	0.0%	122601	< 1	< 1	0.0%	122615	< 1	< 1	0.0%
Ca	122576	2.69	2.40	11.4%	122590	10.1	9.94	1.6%	122601	2.40	2.41	0.4%	122615	2.68	2.67	0.4%
Cd	122576	< 0.5	< 0.5	0.0%	122590	< 0.5	< 0.5	0.0%	122601	< 0.5	< 0.5	0.0%	122615	< 0.5	< 0.5	0.0%
Ce	122576	74	70	5.6%	122590	145	144	0.7%	122601	52	51	1.9%	122615	64	64	0.0%
Co	122576	9.8	9.8	0.0%	122590	49.2	48.0	2.5%	122601	7.3	7.3	0.0%	122615	9.2	9.7	5.3%
Cr	122576	69.5	65.6	5.8%	122590	296	299	1.0%	122601	49.3	46.4	6.1%	122615	63.1	66.3	4.9%
Cu	122576	< 0.5	< 0.5	0.0%	122590	67.9	66.6	1.9%	122601	720	752	4.3%	122615	5.1	5.0	2.0%
Fe	122576	2.79	2.67	4.4%	122590	6.26	6.16	1.6%	122601	2.09	2.08	0.5%	122615	2.55	2.60	1.9%
Ga	122576	19	18	5.4%	122590	21	21	0.0%	122601	18	18	0.0%	122615	18	18	0.0%
In	122576	< 1	< 1	0.0%	122590	< 1	< 1	0.0%	122601	< 1	< 1	0.0%	122615	< 1	< 1	0.0%
K	122576	2.67	2.43	9.4%	122590	2.58	2.52	2.4%	122601	2.64	2.59	1.9%	122615	1.48	1.51	2.0%
La	122576	38	37	2.7%	122590	75	74	1.3%	122601	25	25	0.0%	122615	33	33	0.0%
Li	122576	23	22	4.4%	122590	145	137	5.7%	122601	14	14	0.0%	122615	26	27	3.8%
Mg	122576	1.50	1.39	7.6%	122590	7.22	7.10	1.7%	122601	1.09	1.05	3.7%	122615	1.36	1.38	1.5%
Mn	122576	503	480	4.7%	122590	1460	1440	1.4%	122601	510	505	1.0%	122615	463	469	1.3%
Mo	122576	5.56	5.00	10.6%	122590	3.7	3.8	2.7%	122601	3.6	3.7	2.7%	122615	3.2	3.2	0.0%
Na	122576	3.86	3.49	10.1%	122590	1.66	1.63	1.8%	122601	3.13	3.21	2.5%	122615	3.74	3.72	0.5%
Ni	122576	34.9	31.2	11.2%	122590	351	344	2.0%	122601	27.6	26.0	6.0%	122615	30.9	31.3	1.3%
P	122576	876	856	2.3%	122590	1290	1250	3.1%	122601	1300	1310	0.8%	122615	816	823	0.9%
Pb	122576	< 20	< 20	0.0%	122590	< 20	< 20	0.0%	122601	< 20	< 20	0.0%	122615	< 20	< 20	0.0%
Rb	122576	< 50	< 50	0.0%	122590	< 50	< 50	0.0%	122601	< 50	< 50	0.0%	122615	< 50	< 50	0.0%
S	122576	0.01	< 0.01		122590	0.23	0.23	0.0%	122601	0.15	0.15	0.0%	122615	0.015	0.015	0.0%
Sb	122576	< 1	< 1	0.0%	122590	2	2	0.0%	122601	< 1	< 1	0.0%	122615	< 1	1	
Sc	122576	9	9	0.0%	122590	24	24	0.0%	122601	16	16	0.0%	122615	8	9	11.8%
Se	122576	< 10	< 10	0.0%	122590	< 10	< 10	0.0%	122601	< 10	< 10	0.0%	122615	< 10	< 10	0.0%
Sn	122576	< 5	< 5	0.0%	122590	< 5	< 5	0.0%	122601	< 5	< 5	0.0%	122615	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

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Sr	122576	895	782	13.5%	122590	1120	1110	0.9%	122601	561	579	3.2%	122615	659	660	0.2%
Ta	122576	< 10	< 10	0.0%	122590	< 10	< 10	0.0%	122601	< 10	< 10	0.0%	122615	< 10	< 10	0.0%
Te	122576	< 10	< 10	0.0%	122590	< 10	< 10	0.0%	122601	< 10	< 10	0.0%	122615	< 10	< 10	0.0%
Th	122576	8	8	0.0%	122590	10	12	18.2%	122601	15	15	0.0%	122615	8	7	13.3%
Ti	122576	0.26	0.23	12.2%	122590	0.371	0.333	10.8%	122601	0.125	0.124	0.8%	122615	0.24	0.24	0.0%
Tl	122576	< 5	< 5	0.0%	122590	< 5	< 5	0.0%	122601	< 5	< 5	0.0%	122615	< 5	< 5	0.0%
U	122576	< 50	< 50	0.0%	122590	< 50	< 50	0.0%	122601	< 50	< 50	0.0%	122615	< 50	< 50	0.0%
V	122576	64.3	62.7	2.5%	122590	246	244	0.8%	122601	53.5	52.7	1.5%	122615	64.6	66.2	2.4%
W	122576	< 1	< 1	0.0%	122590	< 1	< 1	0.0%	122601	< 1	< 1	0.0%	122615	< 1	< 1	0.0%
Y	122576	14	13	7.4%	122590	31	30	3.3%	122601	28	29	3.5%	122615	13	14	7.4%
Zn	122576	65.8	64.7	1.7%	122590	72.7	76.9	5.6%	122601	51.4	52.4	1.9%	122615	54.2	54.6	0.7%
Zr	122576	124	114	8.4%	122590	136	135	0.7%	122601	82	80	2.5%	122615	114	112	1.8%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	122626	< 0.5	< 0.5	0.0%	122640	< 0.5	< 0.5	0.0%								
Al	122626	7.84	8.02	2.3%	122640	6.70	7.25	7.9%								
As	122626	< 1	2		122640	< 1	< 1	0.0%								
Ba	122626	629	644	2.4%	122640	577	622	7.5%								
Be	122626	2.13	2.22	4.1%	122640	2.24	2.28	1.8%								
Bi	122626	< 1	< 1	0.0%	122640	< 1	< 1	0.0%								
Ca	122626	3.17	3.17	0.0%	122640	2.89	3.15	8.6%								
Cd	122626	< 0.5	< 0.5	0.0%	122640	< 0.5	< 0.5	0.0%								
Ce	122626	48	48	0.0%	122640	56	56	0.0%								
Co	122626	16.8	17.0	1.2%	122640	18.1	17.5	3.4%								
Cr	122626	153	129	17.0%	122640	126	130	3.1%								
Cu	122626	40.8	41.6	1.9%	122640	33.0	34.1	3.3%								
Fe	122626	4.41	4.40	0.2%	122640	3.72	3.99	7.0%								
Ga	122626	22	22	0.0%	122640	21	20	4.9%								
In	122626	< 1	< 1	0.0%	122640	< 1	< 1	0.0%								
K	122626	1.43	1.46	2.1%	122640	0.931	1.01	8.1%								
La	122626	24	24	0.0%	122640	28	27	3.6%								
Li	122626	36	38	5.4%	122640	31	34	9.2%								
Mg	122626	1.68	1.70	1.2%	122640	1.69	1.83	8.0%								
Mn	122626	887	885	0.2%	122640	647	696	7.3%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	122626	16.5	19.1	14.6%	122640	2.0	2.0	0.0%								
Na	122626	3.78	3.82	1.1%	122640	3.42	3.77	9.7%								
Ni	122626	46.7	46.4	0.6%	122640	52.3	52.6	0.6%								
P	122626	867	849	2.1%	122640	1080	1090	0.9%								
Pb	122626	< 20	< 20	0.0%	122640	< 20	< 20	0.0%								
Rb	122626	< 50	< 50	0.0%	122640	< 50	< 50	0.0%								
S	122626	0.18	0.18	0.0%	122640	0.10	0.10	0.0%								
Sb	122626	1	1	0.0%	122640	< 1	1									
Sc	122626	16	16	0.0%	122640	16	17	6.1%								
Se	122626	< 10	< 10	0.0%	122640	< 10	< 10	0.0%								
Sn	122626	< 5	< 5	0.0%	122640	< 5	< 5	0.0%								
Sr	122626	444	450	1.3%	122640	499	511	2.4%								
Ta	122626	< 10	< 10	0.0%	122640	< 10	< 10	0.0%								
Te	122626	< 10	< 10	0.0%	122640	< 10	< 10	0.0%								
Th	122626	< 5	< 5	0.0%	122640	6	7	15.4%								
Ti	122626	0.42	0.42	0.0%	122640	0.35	0.38	8.2%								
Tl	122626	< 5	< 5	0.0%	122640	< 5	< 5	0.0%								
U	122626	< 50	< 50	0.0%	122640	< 50	< 50	0.0%								
V	122626	125	125	0.0%	122640	127	128	0.8%								
W	122626	< 1	< 1	0.0%	122640	< 1	< 1	0.0%								
Y	122626	18	17	5.7%	122640	21	22	4.7%								
Zn	122626	72.3	72.5	0.3%	122640	76.0	76.7	0.9%								
Zr	122626	130	124	4.7%	122640	118	124	5.0%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	122576	0.003	0.001		122590	0.0015	0.0013	14.3%	122601	0.502	0.392	24.6%	122615	0.0023	0.0030	26.4%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	122626	0.007	0.036		122640	0.003	0.003	0.0%								

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.38	95%	90% - 110%	8.17	8.11	99%	90% - 110%	6.96	7.13	102%	90% - 110%	10.95	10.95	100%	90% - 110%
As					26	24	91%	90% - 110%	124	118	95%	90% - 110%				
Ba	340	324	95%	90% - 110%	540	524	97%	90% - 110%	186	182	98%	90% - 110%	340	324	95%	90% - 110%
Be	2.6	2.8	109%	90% - 110%	4.0	4	99%	90% - 110%					2.6	2.8	106%	90% - 110%
Ca	5.72	5.53	97%	90% - 110%	0.907	0.891	98%	90% - 110%	4.01	3.91	97%	90% - 110%	5.72	5.71	100%	90% - 110%
Ce	122	110	90%	90% - 110%	98	97	99%	90% - 110%	24	21	87%	90% - 110%	122	111	90%	90% - 110%
Co									22.1	20.3	92%	90% - 110%				
Cr					60.3	60.5	100%	90% - 110%								
Cu	7	5	72%	90% - 110%	150	144	96%	90% - 110%	88.6	85.3	96%	90% - 110%				
Fe	4.34	4.01	92%	90% - 110%	3.77	3.6	96%	90% - 110%	7.56	7.24	96%	90% - 110%	4.34	4.1	94%	90% - 110%
Ga	35	33	95%	90% - 110%									35	35	101%	90% - 110%
K	1.37	1.4	102%	90% - 110%					2.021	2.089	103%	90% - 110%	1.37	1.44	105%	90% - 110%
La	58	52	89%	90% - 110%	44	46	103%	90% - 110%					58	54	93%	90% - 110%
Li	37	38	104%	90% - 110%	47	48	102%	90% - 110%					37	40	108%	90% - 110%
Mg	0.325	0.296	91%	90% - 110%	1.10	1.1	100%	90% - 110%	2.412	2.469	102%	90% - 110%	0.325	0.309	95%	90% - 110%
Mn					780	775	99%	90% - 110%	1510	1505	100%	90% - 110%				
Mo					14	15	105%	90% - 110%								
Na	5.267	5.264	100%	90% - 110%	1.624	1.673	103%	90% - 110%	0.617	0.636	103%	90% - 110%	5.267	5.375	102%	90% - 110%
Ni					32	33	102%	90% - 110%	77.1	72.2	94%	90% - 110%				
P					750	786	105%	90% - 110%	892	966	108%	90% - 110%				
Pb					31	26	84%	90% - 110%								
S									0.348	0.37	106%	90% - 110%				
Sc	1.1	1	95%	90% - 110%	12	13	106%	90% - 110%					1.1	1.1	96%	90% - 110%
Sr	1191	1110	93%	90% - 110%	144	146	102%	90% - 110%	92.8	88	95%	90% - 110%	1191	1098	92%	90% - 110%
Th					18.4	18.5	101%	90% - 110%								
Ti	0.172	0.165	96%	90% - 110%	0.53	0.482	91%	90% - 110%					0.172	0.170	99%	90% - 110%
V	8	7	89%	90% - 110%	77	81	105%	90% - 110%					8	7	83%	90% - 110%
Y	119	116	97%	90% - 110%									119	121	102%	90% - 110%
Zn	93	96	103%	90% - 110%	130	127	97%	90% - 110%	208	213	102%	90% - 110%	93	94	101%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS5W)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.79	99%	90% - 110%	0.725	0.757	104%	90% - 110%	5.27	5.52	105%	90% - 110%	0.562	0.544	97%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19T455147

PROJECT: AGAT00616

ATTENTION TO: Stephen Brooking

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE



CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00617

AGAT WORK ORDER: 19T455151

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Apr 26, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T455151

PROJECT: AGAT00617

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 08, 2019      DATE RECEIVED: Apr 09, 2019      DATE REPORTED: Apr 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D61195 (122651)		1.73
D61196 (122652)		2.01
D61197 (122653)		1.65
D61198 (122654)		1.65
D61199 (122655)		1.23
D61200 (122656)		1.96
D61201 (122657)		1.94
D61202 (122658)		1.44
D61203 (122659)		1.71
D61204 (122660)		1.55
D61205 (122661)		1.61
D61206 (122662)		0.07
D61207 (122663)		2.68
D61208 (122664)		1.40
D61209 (122665)		1.42
D61210 (122666)		1.78
D61211 (122667)		1.80
D61212 (122668)		0.81
D61213 (122669)		1.75
D61214 (122670)		1.86
D61215 (122671)		1.96
D61216 (122672)		1.80
D61217 (122673)		0.75
D61218 (122674)		0.75
D61219 (122675)		1.71
D61220 (122676)		0.91
D61221 (122677)		1.09
D61222 (122678)		1.40
D61223 (122679)		1.63
D61224 (122680)		0.92
D61225 (122681)		1.29

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T455151

PROJECT: AGAT00617

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 08, 2019

DATE RECEIVED: Apr 09, 2019

DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D61226 (122682)		0.07
D61227 (122683)		1.65
D61228 (122684)		1.88
D61229 (122685)		2.09
D61230 (122686)		2.35
D61231 (122687)		2.06
D61232 (122688)		0.77
D61233 (122689)		2.04
D61234 (122690)		1.96
D61235 (122691)		1.52
D61236 (122692)		1.93
D61237 (122693)		1.48
D61238 (122694)		1.48
D61239 (122695)		2.08
D61240 (122696)		1.80
D61241 (122697)		1.71
D61242 (122698)		1.92
D61243 (122699)		1.49
D61244 (122700)		1.70
D61245 (122701)		1.53
D61246 (122702)		0.07
D61247 (122703)		1.58
D61248 (122704)		1.99
D61249 (122705)		1.28
D61250 (122706)		1.40
D61251 (122707)		1.52
D61252 (122708)		0.84
D61253 (122709)		2.19
D61254 (122710)		1.98
D61255 (122711)		2.03
D61256 (122712)		1.99

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T455151

PROJECT: AGAT00617

 5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (200-) Sample Login Weight

DATE SAMPLED: Apr 08, 2019

DATE RECEIVED: Apr 09, 2019

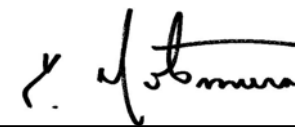
DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D61257 (122713)		2.15
D61258 (122714)		2.15
D61259 (122715)		1.53
D61260 (122716)		2.31
D61261 (122717)		1.66
D61262 (122718)		2.14
D61263 (122719)		1.44
D61264 (122720)		2.40
D61265 (122721)		2.17
D61266 (122722)		0.07

Comments: RDL - Reported Detection Limit

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T455151

PROJECT: AGAT00617

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MISSISSAUGA, ONTARIO  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 08, 2019	DATE RECEIVED: Apr 09, 2019							DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D61195 (122651)	<0.5	7.40	<1	558	2.8	6	2.53	<0.5	44	15.9	62.6	44.9	4.10	19	
D61196 (122652)	<0.5	7.38	<1	664	1.5	5	2.17	<0.5	51	14.8	62.9	43.3	3.46	18	
D61197 (122653)	<0.5	7.79	1	945	2.2	4	2.62	<0.5	64	9.6	52.4	1.3	2.71	18	
D61198 (122654)	<0.5	7.61	1	923	2.2	4	2.62	<0.5	68	9.7	54.0	1.1	2.61	18	
D61199 (122655)	<0.5	7.34	5	853	2.1	3	2.69	<0.5	70	9.7	55.6	21.2	2.55	17	
D61200 (122656)	<0.5	7.72	<1	836	2.2	3	2.74	<0.5	68	10.3	57.4	1.9	2.70	20	
D61201 (122657)	<0.5	7.21	<1	484	3.2	6	3.03	<0.5	62	14.9	82.4	18.4	3.22	17	
D61202 (122658)	<0.5	4.01	<1	449	3.3	23	5.91	<0.5	62	48.1	378	95.5	7.07	22	
D61203 (122659)	<0.5	7.24	<1	613	1.8	6	2.79	<0.5	61	16.3	80.5	35.4	3.60	18	
D61204 (122660)	<0.5	7.48	<1	742	2.0	5	2.59	<0.5	64	9.1	51.4	15.4	2.57	17	
D61205 (122661)	<0.5	6.95	<1	735	2.0	5	2.97	<0.5	72	12.1	75.6	20.0	2.77	19	
D61206 (122662)	<0.5	7.38	<1	186	0.9	15	6.08	<0.5	13	35.7	131	107	7.26	25	
D61207 (122663)	<0.5	3.00	<1	625	2.4	20	5.22	<0.5	80	51.4	458	70.2	6.57	19	
D61208 (122664)	<0.5	7.55	<1	653	2.0	5	2.58	<0.5	66	10.6	52.0	8.9	2.60	18	
D61209 (122665)	<0.5	7.69	<1	908	1.8	5	2.96	<0.5	72	13.2	51.6	26.2	3.39	18	
D61210 (122666)	<0.5	7.47	<1	587	1.1	6	2.52	<0.5	42	17.0	58.3	45.5	4.13	18	
D61211 (122667)	<0.5	6.97	4	537	2.7	6	3.36	<0.5	50	20.9	102	51.6	4.66	18	
D61212 (122668)	<0.5	0.10	<1	19	<0.5	<1	29.2	<0.5	<1	0.7	1.4	<0.5	0.16	<5	
D61213 (122669)	<0.5	7.21	<1	547	1.0	6	2.70	<0.5	41	17.3	66.1	33.2	4.09	18	
D61214 (122670)	<0.5	7.13	<1	463	1.2	5	2.82	<0.5	39	15.6	63.3	30.5	3.90	17	
D61215 (122671)	<0.5	7.40	<1	444	1.1	7	2.87	<0.5	42	17.7	75.8	32.4	4.16	18	
D61216 (122672)	<0.5	7.82	<1	473	1.1	7	3.29	<0.5	37	18.0	68.7	28.8	4.65	19	
D61217 (122673)	<0.5	6.38	<1	324	1.4	1	1.15	<0.5	7	3.8	19.3	17.1	1.40	14	
D61218 (122674)	<0.5	6.32	<1	346	1.4	<1	1.14	<0.5	7	3.8	17.3	14.1	1.41	13	
D61219 (122675)	<0.5	7.37	<1	432	1.2	4	3.01	<0.5	36	17.7	73.6	44.5	4.44	19	
D61220 (122676)	<0.5	7.82	<1	483	1.2	5	3.00	<0.5	39	15.4	61.0	28.0	4.20	18	
D61221 (122677)	<0.5	7.45	<1	477	0.9	5	2.88	<0.5	34	12.7	51.2	35.4	3.87	16	
D61222 (122678)	<0.5	8.05	<1	615	1.3	7	2.35	<0.5	48	12.4	56.2	14.4	3.21	18	
D61223 (122679)	<0.5	7.04	<1	596	1.4	8	3.76	<0.5	64	20.5	105	47.3	4.62	19	
D61224 (122680)	<0.5	7.58	<1	543	1.1	6	2.67	<0.5	40	18.3	69.1	29.6	4.31	18	
D61225 (122681)	<0.5	7.25	<1	467	1.0	6	2.94	<0.5	39	16.7	65.4	22.9	3.85	16	
D61226 (122682)	<0.5	7.01	<1	133	0.6	13	6.21	<0.5	4	36.4	128	149	7.20	23	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T455151

PROJECT: AGAT00617

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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 08, 2019	DATE RECEIVED: Apr 09, 2019							DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D61227 (122683)	<0.5	7.29	<1	538	1.1	7	2.69	<0.5	39	16.5	60.0	62.1	3.90	17	
D61228 (122684)	<0.5	7.62	<1	557	1.1	6	2.69	<0.5	37	18.8	80.3	44.7	4.62	19	
D61229 (122685)	<0.5	8.38	<1	525	0.9	7	2.91	<0.5	47	17.7	71.7	76.3	4.71	20	
D61230 (122686)	<0.5	7.59	<1	474	1.0	8	3.24	<0.5	41	17.5	67.1	45.8	4.46	19	
D61231 (122687)	<0.5	7.66	<1	517	1.2	6	3.35	<0.5	42	17.8	74.1	48.3	4.45	19	
D61232 (122688)	<0.5	0.09	<1	16	<0.5	<1	28.0	<0.5	<1	<0.5	1.0	<0.5	0.13	<5	
D61233 (122689)	<0.5	7.11	<1	475	1.0	6	2.99	<0.5	42	18.1	75.6	40.2	4.26	18	
D61234 (122690)	<0.5	7.31	<1	379	1.0	10	3.65	<0.5	35	23.6	101	47.5	5.47	19	
D61235 (122691)	<0.5	7.12	<1	372	1.4	7	3.32	<0.5	36	19.3	106	52.1	4.67	19	
D61236 (122692)	<0.5	7.47	<1	392	1.0	8	3.83	<0.5	48	22.5	85.5	109	5.30	20	
D61237 (122693)	<0.5	7.71	<1	397	1.0	8	3.64	<0.5	45	21.2	71.9	57.0	5.04	21	
D61238 (122694)	<0.5	7.54	<1	391	1.0	8	3.55	<0.5	44	20.9	69.6	53.2	4.91	20	
D61239 (122695)	<0.5	7.52	<1	525	0.9	7	3.30	<0.5	36	20.5	76.9	50.9	4.87	19	
D61240 (122696)	<0.5	7.50	<1	504	1.2	8	3.47	<0.5	32	21.6	75.4	53.9	5.31	20	
D61241 (122697)	<0.5	7.62	<1	422	1.0	9	3.57	<0.5	36	20.9	84.2	87.1	4.89	19	
D61242 (122698)	<0.5	7.55	<1	443	1.1	7	3.37	<0.5	45	18.9	73.7	46.1	4.63	19	
D61243 (122699)	<0.5	7.45	<1	444	1.1	8	3.67	<0.5	44	20.8	79.1	59.6	5.09	20	
D61244 (122700)	<0.5	7.67	<1	511	1.1	6	3.48	<0.5	38	21.7	97.8	62.7	5.13	21	
D61245 (122701)	<0.5	7.88	<1	518	1.0	7	3.66	<0.5	34	24.3	109	55.9	5.61	21	
D61246 (122702)	<0.5	7.28	4	81	<0.5	8	6.95	<0.5	4	37.5	148	156	6.89	22	
D61247 (122703)	<0.5	7.66	<1	437	0.9	7	3.96	<0.5	40	20.5	82.4	37.0	5.29	19	
D61248 (122704)	<0.5	7.77	<1	499	1.1	7	4.02	<0.5	38	22.5	82.7	53.5	5.34	20	
D61249 (122705)	<0.5	6.21	<1	1790	2.9	22	8.14	<0.5	191	27.7	114	47.9	7.87	25	
D61250 (122706)	<0.5	8.47	<1	566	1.5	7	3.08	<0.5	53	17.9	67.9	43.2	4.47	22	
D61251 (122707)	<0.5	7.66	<1	554	1.2	6	3.28	<0.5	46	17.8	65.7	47.7	4.66	19	
D61252 (122708)	<0.5	0.09	<1	15	<0.5	<1	27.4	<0.5	<1	0.5	1.9	<0.5	0.15	<5	
D61253 (122709)	<0.5	6.97	<1	548	1.2	6	3.42	<0.5	34	20.2	127	62.2	4.98	18	
D61254 (122710)	<0.5	7.57	<1	510	2.5	3	3.16	<0.5	79	13.5	93.2	14.2	3.09	19	
D61255 (122711)	<0.5	7.51	<1	526	1.8	8	3.41	<0.5	43	18.7	95.2	41.3	4.69	19	
D61256 (122712)	<0.5	7.26	<1	471	1.0	8	3.37	<0.5	41	19.7	94.9	47.6	4.74	17	
D61257 (122713)	<0.5	7.78	<1	524	1.0	12	3.46	<0.5	44	20.6	89.8	39.7	5.16	20	
D61258 (122714)	<0.5	7.86	<1	535	1.0	9	3.48	<0.5	43	20.9	96.6	37.4	5.20	21	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T455151

PROJECT: AGAT00617

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 08, 2019	DATE RECEIVED: Apr 09, 2019					DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D61259 (122715)	<0.5	7.53	<1	404	1.5	6	3.55	<0.5	39	21.9	94.5	68.0	4.92	20	
D61260 (122716)	<0.5	7.37	<1	455	1.2	4	3.34	<0.5	39	21.5	93.2	70.8	4.91	18	
D61261 (122717)	<0.5	7.47	<1	298	1.3	4	3.84	<0.5	39	18.4	86.2	18.4	4.63	18	
D61262 (122718)	<0.5	7.76	<1	529	1.4	6	3.39	<0.5	46	18.4	93.2	32.9	4.41	19	
D61263 (122719)	<0.5	7.69	<1	368	1.2	8	3.94	<0.5	37	19.9	103	36.1	4.77	18	
D61264 (122720)	<0.5	7.56	<1	468	1.0	8	3.53	<0.5	36	21.7	109	48.9	4.98	20	
D61265 (122721)	<0.5	7.04	<1	442	0.9	5	3.13	<0.5	38	18.2	77.9	51.5	4.44	18	
D61266 (122722)	<0.5	7.38	<1	142	0.5	14	6.62	<0.5	4	36.3	143	162	7.62	25	

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ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 08, 2019	DATE RECEIVED: Apr 09, 2019					DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D61195 (122651)	<1	1.66	22	22	1.45	738	5.5	3.25	42.2	693	<20	<50	0.15	<1	
D61196 (122652)	<1	1.69	25	25	1.49	560	7.7	3.19	46.4	634	<20	<50	0.11	1	
D61197 (122653)	<1	1.83	31	25	1.50	470	4.1	3.44	40.8	730	<20	<50	0.02	1	
D61198 (122654)	<1	1.78	32	24	1.46	455	3.7	3.42	40.9	755	<20	<50	0.02	<1	
D61199 (122655)	<1	1.77	33	21	1.41	450	3.8	3.37	40.8	726	<20	<50	0.05	<1	
D61200 (122656)	<1	1.76	32	17	1.49	477	4.9	3.53	41.5	763	<20	<50	0.02	<1	
D61201 (122657)	<1	1.07	30	27	2.11	567	4.5	4.25	87.3	874	<20	<50	0.05	<1	
D61202 (122658)	<1	2.44	34	40	7.25	1170	4.9	2.58	398	1280	<20	<50	0.16	3	
D61203 (122659)	<1	1.24	30	23	2.20	626	4.6	4.27	84.7	624	<20	<50	0.07	<1	
D61204 (122660)	<1	1.47	30	15	1.40	461	5.2	3.99	40.2	858	<20	<50	0.04	<1	
D61205 (122661)	<1	1.27	34	17	1.75	523	4.9	3.98	59.6	946	<20	<50	0.03	<1	
D61206 (122662)	<1	0.43	9	11	4.09	1280	2.1	2.30	102	832	<20	<50	0.09	2	
D61207 (122663)	<1	2.30	44	26	11.2	1090	3.3	1.35	622	1990	<20	<50	0.13	3	
D61208 (122664)	<1	1.40	32	23	1.56	478	2.8	3.82	50.0	791	<20	<50	0.03	<1	
D61209 (122665)	<1	1.74	37	21	1.58	696	3.4	3.26	38.4	812	<20	<50	0.07	<1	
D61210 (122666)	<1	1.61	22	30	1.52	789	4.8	3.11	46.7	660	<20	<50	0.13	1	
D61211 (122667)	<1	1.63	26	43	2.26	885	5.3	3.27	81.8	919	<20	<50	0.16	2	
D61212 (122668)	<1	0.03	<2	2	2.30	111	1.4	0.05	1.2	80	<20	<50	0.05	<1	
D61213 (122669)	<1	1.51	20	23	1.53	753	3.8	2.98	46.8	613	<20	<50	0.11	<1	
D61214 (122670)	<1	1.31	19	24	1.40	783	5.2	2.90	42.0	612	<20	<50	0.09	<1	
D61215 (122671)	<1	1.30	21	28	1.42	829	4.9	3.01	49.5	587	<20	<50	0.10	1	
D61216 (122672)	<1	1.36	17	24	1.73	932	8.6	2.99	49.2	602	<20	<50	0.09	<1	
D61217 (122673)	<1	2.42	3	17	0.34	240	6.8	2.73	10.4	66	23	<50	0.04	<1	
D61218 (122674)	<1	2.45	3	19	0.34	232	7.1	2.81	9.6	44	22	<50	0.04	<1	
D61219 (122675)	<1	1.56	18	20	1.54	906	5.2	2.78	46.1	556	<20	<50	0.13	1	
D61220 (122676)	<1	1.75	19	26	1.37	951	7.4	3.08	42.6	555	<20	<50	0.08	<1	
D61221 (122677)	<1	1.23	17	22	1.25	989	4.8	2.94	36.8	529	<20	<50	0.11	2	
D61222 (122678)	<1	1.60	24	29	1.30	666	3.7	3.15	39.3	537	<20	<50	0.06	2	
D61223 (122679)	<1	1.38	32	30	2.02	1010	4.8	2.77	67.9	1040	<20	<50	0.15	<1	
D61224 (122680)	<1	1.54	20	30	1.66	797	4.7	2.78	50.1	548	<20	<50	0.10	<1	
D61225 (122681)	<1	1.21	19	26	1.60	769	3.7	2.79	46.7	573	<20	<50	0.08	<1	
D61226 (122682)	<1	0.19	3	12	3.97	1290	1.3	2.22	80.6	378	<20	<50	0.13	2	

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T455151

PROJECT: AGAT00617

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 08, 2019

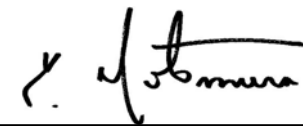
DATE RECEIVED: Apr 09, 2019

DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D61227 (122683)		<1	1.24	19	24	1.37	756	3.4	2.84	43.6	670	<20	<50	0.19	<1
D61228 (122684)		<1	1.59	18	30	1.56	868	3.9	2.83	51.5	582	<20	<50	0.13	<1
D61229 (122685)		<1	1.70	23	32	1.62	818	3.7	3.03	47.3	636	<20	<50	0.22	<1
D61230 (122686)		<1	1.25	21	25	1.55	901	4.4	2.71	45.6	697	<20	<50	0.13	1
D61231 (122687)		<1	1.33	21	24	1.58	863	4.7	2.77	49.4	559	<20	<50	0.12	<1
D61232 (122688)		<1	0.01	<2	1	2.62	112	1.3	0.05	1.0	77	<20	<50	0.03	2
D61233 (122689)		<1	1.30	20	24	1.61	776	5.7	2.53	48.7	602	<20	<50	0.09	<1
D61234 (122690)		<1	1.24	16	19	2.03	1090	5.7	2.53	65.2	604	<20	<50	0.10	<1
D61235 (122691)		<1	2.14	18	18	1.76	903	5.4	2.74	53.6	522	<20	<50	0.09	1
D61236 (122692)		<1	1.11	23	22	1.99	937	6.5	2.65	60.8	926	<20	<50	0.17	<1
D61237 (122693)		<1	1.15	22	30	2.05	863	5.6	2.82	55.1	574	<20	<50	0.10	<1
D61238 (122694)		<1	1.13	22	29	2.01	847	5.0	2.73	54.6	546	<20	<50	0.09	1
D61239 (122695)		<1	1.24	18	30	1.88	907	4.7	2.65	54.9	576	<20	<50	0.09	1
D61240 (122696)		<1	1.24	15	30	1.95	1020	4.7	2.67	53.4	573	<20	<50	0.12	2
D61241 (122697)		<1	1.09	18	26	1.86	915	10.0	2.86	53.1	597	<20	<50	0.14	2
D61242 (122698)		<1	1.16	22	29	1.73	874	5.2	2.77	53.9	696	<20	<50	0.08	1
D61243 (122699)		<1	1.14	21	26	1.84	949	6.0	2.76	52.3	692	<20	<50	0.10	<1
D61244 (122700)		<1	1.31	19	29	1.93	979	5.8	2.72	62.8	607	<20	<50	0.10	2
D61245 (122701)		<1	1.50	16	33	2.29	1090	4.9	2.72	71.9	540	<20	<50	0.09	1
D61246 (122702)		<1	0.24	3	14	4.17	1240	1.7	1.66	95.3	329	<20	<50	0.19	1
D61247 (122703)		<1	1.08	19	25	2.16	1030	3.8	2.75	54.5	515	<20	<50	0.06	3
D61248 (122704)		<1	1.31	18	27	2.25	1030	4.5	2.82	60.1	900	<20	<50	0.08	2
D61249 (122705)		<1	3.27	93	50	3.92	1580	4.1	1.76	53.7	6460	<20	<50	0.17	<1
D61250 (122706)		<1	1.75	26	29	1.68	847	4.0	3.23	47.3	754	<20	<50	0.07	<1
D61251 (122707)		<1	1.43	23	28	1.69	877	4.2	2.85	46.4	754	<20	<50	0.10	<1
D61252 (122708)		<1	0.02	<2	2	2.25	114	1.3	0.04	1.0	70	<20	<50	0.02	<1
D61253 (122709)		<1	1.48	16	26	2.00	866	5.7	2.44	60.3	503	<20	<50	0.11	2
D61254 (122710)		<1	1.25	38	26	1.76	578	5.1	3.00	58.0	978	<20	<50	0.03	2
D61255 (122711)		<1	1.61	20	28	1.96	891	4.6	2.83	53.3	581	<20	<50	0.08	<1
D61256 (122712)		<1	1.24	20	27	1.89	937	5.1	2.63	55.7	619	<20	<50	0.08	2
D61257 (122713)		<1	1.44	20	26	1.98	985	5.1	2.80	58.8	684	<20	<50	0.08	<1
D61258 (122714)		<1	1.47	21	26	2.00	996	5.1	2.82	59.5	673	<20	<50	0.07	1

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T455151

PROJECT: AGAT00617

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 08, 2019	DATE RECEIVED: Apr 09, 2019					DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D61259 (122715)	<1	1.98	19	21	1.84	1020	3.9	2.66	58.7	646	<20	<50	0.13	<1	
D61260 (122716)	<1	1.44	19	24	1.81	947	5.3	2.75	55.4	613	<20	<50	0.12	2	
D61261 (122717)	<1	1.00	18	21	1.81	965	3.9	2.91	50.4	628	<20	<50	0.04	2	
D61262 (122718)	<1	1.27	23	28	1.78	848	5.1	2.97	52.8	707	<20	<50	0.06	<1	
D61263 (122719)	<1	1.15	18	26	1.95	915	4.9	2.97	57.5	559	<20	<50	0.06	2	
D61264 (122720)	<1	1.35	18	29	2.01	964	4.9	2.74	59.0	559	<20	<50	0.08	<1	
D61265 (122721)	<1	1.27	19	26	1.66	826	5.0	2.69	50.6	533	<20	<50	0.08	2	
D61266 (122722)	<1	0.20	3	13	4.16	1360	1.3	2.38	81.6	379	<20	<50	0.13	2	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 08, 2019	DATE RECEIVED: Apr 09, 2019					DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D61195 (122651)	15	<10	<5	450	<10	<10	<5	0.37	<5	<50	111	<1	14	67.8	
D61196 (122652)	13	<10	<5	518	<10	<10	7	0.34	<5	<50	98.8	<1	13	65.6	
D61197 (122653)	9	<10	<5	794	<10	<10	7	0.28	<5	<50	62.8	<1	15	67.3	
D61198 (122654)	9	<10	<5	802	<10	<10	9	0.27	<5	<50	63.0	<1	15	66.0	
D61199 (122655)	9	<10	<5	761	<10	<10	10	0.26	<5	<50	62.4	<1	14	62.6	
D61200 (122656)	9	<10	<5	828	<10	<10	9	0.27	<5	<50	65.4	<1	15	67.5	
D61201 (122657)	11	<10	<5	680	<10	<10	8	0.36	<5	<50	85.6	<1	18	64.0	
D61202 (122658)	19	<10	<5	618	<10	<10	<5	1.20	<5	<50	203	<1	19	70.2	
D61203 (122659)	13	<10	<5	596	<10	<10	<5	0.38	<5	<50	96.5	<1	13	79.0	
D61204 (122660)	8	<10	<5	719	<10	<10	9	0.26	<5	<50	61.0	<1	16	59.4	
D61205 (122661)	10	<10	<5	725	<10	<10	8	0.35	<5	<50	75.2	<1	16	68.1	
D61206 (122662)	33	<10	<5	250	<10	<10	<5	0.84	<5	<50	225	<1	22	86.7	
D61207 (122663)	15	<10	<5	660	<10	<10	<5	1.37	<5	<50	174	<1	17	67.3	
D61208 (122664)	9	<10	<5	768	<10	<10	9	0.29	<5	<50	63.2	<1	15	68.1	
D61209 (122665)	12	<10	<5	679	<10	<10	8	0.33	<5	<50	93.1	<1	18	74.0	
D61210 (122666)	16	<10	<5	426	<10	<10	<5	0.39	<5	<50	112	<1	14	70.1	
D61211 (122667)	19	<10	<5	551	<10	<10	5	0.42	<5	<50	133	<1	17	74.1	
D61212 (122668)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.5	<1	2	2.3	
D61213 (122669)	16	<10	<5	448	<10	<10	<5	0.39	<5	<50	116	<1	13	71.1	
D61214 (122670)	16	<10	<5	441	<10	<10	<5	0.35	<5	<50	107	<1	13	61.6	
D61215 (122671)	17	<10	<5	421	<10	<10	<5	0.36	<5	<50	117	<1	15	63.0	
D61216 (122672)	19	<10	<5	416	<10	<10	<5	0.41	<5	<50	126	<1	15	73.7	
D61217 (122673)	4	<10	<5	179	<10	<10	28	0.11	<5	<50	21.2	<1	4	32.6	
D61218 (122674)	4	<10	<5	182	<10	<10	32	0.10	<5	<50	19.7	<1	3	33.0	
D61219 (122675)	17	<10	<5	420	<10	<10	<5	0.38	<5	<50	118	<1	14	73.1	
D61220 (122676)	14	<10	<5	471	<10	<10	<5	0.37	<5	<50	102	<1	12	65.6	
D61221 (122677)	13	<10	<5	469	<10	<10	<5	0.33	<5	<50	92.7	<1	12	63.0	
D61222 (122678)	11	<10	<5	554	<10	<10	6	0.33	<5	<50	86.1	<1	10	69.2	
D61223 (122679)	17	<10	<5	555	<10	<10	<5	0.53	<5	<50	128	<1	16	75.9	
D61224 (122680)	19	<10	<5	443	<10	<10	<5	0.41	<5	<50	131	<1	16	71.5	
D61225 (122681)	17	<10	<5	449	<10	<10	<5	0.37	<5	<50	118	<1	14	66.1	
D61226 (122682)	43	<10	<5	109	<10	<10	<5	0.65	<5	<50	285	<1	22	71.9	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T455151

PROJECT: AGAT00617

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 08, 2019	DATE RECEIVED: Apr 09, 2019					DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D61227 (122683)	14	<10	<5	441	<10	<10	<5	0.35	<5	<50	106	<1	13	65.5	
D61228 (122684)	18	<10	<5	425	<10	<10	<5	0.40	<5	<50	124	<1	13	71.6	
D61229 (122685)	17	<10	<5	542	<10	<10	<5	0.44	<5	<50	120	<1	15	71.9	
D61230 (122686)	16	<10	<5	361	<10	<10	<5	0.40	<5	<50	122	<1	14	68.5	
D61231 (122687)	17	<10	<5	332	<10	<10	<5	0.39	<5	<50	121	<1	14	69.2	
D61232 (122688)	<1	<10	<5	63	<10	<10	<5	<0.01	<5	<50	1.6	<1	2	3.1	
D61233 (122689)	17	<10	<5	417	<10	<10	<5	0.36	<5	<50	119	<1	14	63.0	
D61234 (122690)	22	<10	<5	427	<10	<10	<5	0.42	<5	<50	155	<1	16	68.8	
D61235 (122691)	20	<10	<5	365	<10	<10	<5	0.33	<5	<50	121	<1	12	72.2	
D61236 (122692)	22	<10	<5	464	<10	<10	<5	0.49	<5	<50	158	<1	17	73.5	
D61237 (122693)	20	<10	<5	493	<10	<10	<5	0.41	<5	<50	150	<1	13	68.6	
D61238 (122694)	20	<10	<5	477	<10	<10	<5	0.40	<5	<50	147	<1	13	67.2	
D61239 (122695)	20	<10	<5	406	<10	<10	<5	0.43	<5	<50	138	<1	15	67.0	
D61240 (122696)	21	<10	<5	440	<10	<10	<5	0.43	<5	<50	146	<1	15	67.8	
D61241 (122697)	20	<10	<5	391	<10	<10	<5	0.41	<5	<50	141	<1	14	63.2	
D61242 (122698)	18	<10	<5	453	<10	<10	<5	0.40	<5	<50	128	<1	15	65.9	
D61243 (122699)	20	<10	<5	465	<10	<10	<5	0.43	<5	<50	147	<1	16	68.2	
D61244 (122700)	21	<10	<5	390	<10	<10	<5	0.43	<5	<50	143	<1	15	68.5	
D61245 (122701)	24	<10	<5	435	<10	<10	<5	0.45	<5	<50	164	<1	17	77.5	
D61246 (122702)	42	<10	<5	175	<10	<10	<5	0.59	<5	<50	264	<1	20	71.4	
D61247 (122703)	20	<10	<5	456	<10	<10	<5	0.44	<5	<50	140	<1	15	70.9	
D61248 (122704)	22	<10	<5	474	<10	<10	<5	0.44	<5	<50	149	<1	17	76.4	
D61249 (122705)	15	<10	<5	1370	<10	<10	7	1.12	<5	<50	177	<1	32	93.2	
D61250 (122706)	17	<10	<5	418	<10	<10	8	0.37	<5	<50	116	<1	14	85.9	
D61251 (122707)	19	<10	<5	483	<10	<10	<5	0.42	<5	<50	133	<1	15	67.1	
D61252 (122708)	<1	<10	<5	63	<10	<10	<5	<0.01	<5	<50	1.6	<1	2	3.5	
D61253 (122709)	21	<10	<5	470	<10	<10	<5	0.42	<5	<50	144	<1	15	67.4	
D61254 (122710)	12	<10	<5	605	<10	<10	9	0.30	<5	<50	83.3	<1	17	60.4	
D61255 (122711)	21	<10	<5	473	<10	<10	<5	0.41	<5	<50	136	<1	16	69.4	
D61256 (122712)	19	<10	<5	435	<10	<10	<5	0.40	<5	<50	135	<1	15	68.0	
D61257 (122713)	21	<10	<5	449	<10	<10	<5	0.46	<5	<50	151	<1	17	72.1	
D61258 (122714)	21	<10	<5	451	<10	<10	<5	0.47	<5	<50	154	<1	17	72.2	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T455151

PROJECT: AGAT00617

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 08, 2019	DATE RECEIVED: Apr 09, 2019					DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D61259 (122715)		22	<10	<5	406	<10	<10	<5	0.40	<5	<50	149	<1	16	75.6
D61260 (122716)		21	<10	<5	428	<10	<10	<5	0.42	<5	<50	139	<1	15	69.2
D61261 (122717)		20	<10	<5	422	<10	<10	<5	0.37	<5	<50	131	<1	15	59.8
D61262 (122718)		17	<10	<5	466	<10	<10	<5	0.38	<5	<50	126	<1	14	63.0
D61263 (122719)		21	<10	<5	440	<10	<10	<5	0.39	<5	<50	141	<1	15	63.4
D61264 (122720)		22	<10	<5	425	<10	<10	<5	0.43	<5	<50	151	<1	16	68.0
D61265 (122721)		17	<10	<5	411	<10	<10	<5	0.38	<5	<50	123	<1	15	62.1
D61266 (122722)		44	<10	<5	117	<10	<10	<5	0.69	<5	<50	290	<1	22	74.7

Certified By:



## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 08, 2019

DATE RECEIVED: Apr 09, 2019

DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D61195 (122651)			107
D61196 (122652)			113
D61197 (122653)			110
D61198 (122654)			115
D61199 (122655)			120
D61200 (122656)			122
D61201 (122657)			147
D61202 (122658)			196
D61203 (122659)			117
D61204 (122660)			108
D61205 (122661)			118
D61206 (122662)			87
D61207 (122663)			165
D61208 (122664)			113
D61209 (122665)			130
D61210 (122666)			97
D61211 (122667)			109
D61212 (122668)			<5
D61213 (122669)			93
D61214 (122670)			92
D61215 (122671)			96
D61216 (122672)			90
D61217 (122673)			131
D61218 (122674)			146
D61219 (122675)			95
D61220 (122676)			102
D61221 (122677)			87
D61222 (122678)			108
D61223 (122679)			111
D61224 (122680)			97
D61225 (122681)			89
D61226 (122682)			47

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T455151

PROJECT: AGAT00617

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 08, 2019

DATE RECEIVED: Apr 09, 2019

DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D61227 (122683)				97
D61228 (122684)				96
D61229 (122685)				113
D61230 (122686)				98
D61231 (122687)				95
D61232 (122688)				<5
D61233 (122689)				95
D61234 (122690)				93
D61235 (122691)				80
D61236 (122692)				96
D61237 (122693)				89
D61238 (122694)				87
D61239 (122695)				91
D61240 (122696)				95
D61241 (122697)				85
D61242 (122698)				100
D61243 (122699)				105
D61244 (122700)				92
D61245 (122701)				89
D61246 (122702)				44
D61247 (122703)				79
D61248 (122704)				90
D61249 (122705)				328
D61250 (122706)				123
D61251 (122707)				101
D61252 (122708)				<5
D61253 (122709)				82
D61254 (122710)				137
D61255 (122711)				87
D61256 (122712)				86
D61257 (122713)				95
D61258 (122714)				96

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T455151

PROJECT: AGAT00617

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 08, 2019

DATE RECEIVED: Apr 09, 2019

DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D61259 (122715)	89
D61260 (122716)	88
D61261 (122717)	89
D61262 (122718)	98
D61263 (122719)	85
D61264 (122720)	89
D61265 (122721)	89
D61266 (122722)	52

Comments: RDL - Reported Detection Limit

122651-122722 As, Sb values may be low due to digestion losses.

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T455151

PROJECT: AGAT00617

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 08, 2019      DATE RECEIVED: Apr 09, 2019      DATE REPORTED: Apr 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D61195 (122651)		0.056	
D61196 (122652)		0.007	
D61197 (122653)		0.007	
D61198 (122654)		0.003	
D61199 (122655)		0.004	
D61200 (122656)		0.003	
D61201 (122657)		0.003	
D61202 (122658)		0.003	
D61203 (122659)		0.003	
D61204 (122660)		0.003	
D61205 (122661)		0.003	
D61206 (122662)		0.329	
D61207 (122663)		0.004	
D61208 (122664)		0.005	
D61209 (122665)		0.005	
D61210 (122666)		0.013	
D61211 (122667)		0.076	
D61212 (122668)		0.002	
D61213 (122669)		0.006	
D61214 (122670)		0.006	
D61215 (122671)		0.014	
D61216 (122672)		0.011	
D61217 (122673)		0.005	
D61218 (122674)		0.006	
D61219 (122675)		0.019	
D61220 (122676)		0.023	
D61221 (122677)		0.017	
D61222 (122678)		0.011	
D61223 (122679)		0.014	
D61224 (122680)		0.002	
D61225 (122681)		0.004	
D61226 (122682)		0.543	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T455151

PROJECT: AGAT00617

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 08, 2019      DATE RECEIVED: Apr 09, 2019      DATE REPORTED: Apr 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D61227 (122683)			0.039
D61228 (122684)			0.022
D61229 (122685)			0.025
D61230 (122686)			0.016
D61231 (122687)			0.010
D61232 (122688)			0.001
D61233 (122689)			0.006
D61234 (122690)			0.023
D61235 (122691)			0.008
D61236 (122692)			0.026
D61237 (122693)			0.008
D61238 (122694)			0.009
D61239 (122695)			0.017
D61240 (122696)			0.088
D61241 (122697)			0.019
D61242 (122698)			0.009
D61243 (122699)			0.011
D61244 (122700)			0.022
D61245 (122701)			0.013
D61246 (122702)			1.17
D61247 (122703)			0.005
D61248 (122704)			0.005
D61249 (122705)			0.002
D61250 (122706)			0.004
D61251 (122707)			0.047
D61252 (122708)			0.002
D61253 (122709)			0.009
D61254 (122710)			0.005
D61255 (122711)			0.005
D61256 (122712)			0.012
D61257 (122713)			0.008
D61258 (122714)			0.006

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T455151

PROJECT: AGAT00617

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 08, 2019

DATE RECEIVED: Apr 09, 2019

DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D61259 (122715)			0.008
D61260 (122716)			0.006
D61261 (122717)			0.002
D61262 (122718)			0.003
D61263 (122719)			0.003
D61264 (122720)			0.004
D61265 (122721)			0.005
D61266 (122722)			0.555

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T455151

PROJECT: AGAT00617

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 08, 2019

DATE RECEIVED: Apr 09, 2019

DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D61195 (122651)		87
D61214 (122670)		90
D61234 (122690)		87
D61254 (122710)		89

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T455151

PROJECT: AGAT00617

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 08, 2019

DATE RECEIVED: Apr 09, 2019

DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D61195 (122651)		90
D61222 (122678)		93
D61251 (122707)		94

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	122651	< 0.5	< 0.5	0.0%	122665	< 0.5	< 0.5	0.0%	122676	< 0.5	< 0.5	0.0%	122690	< 0.5	< 0.5	0.0%
Al	122651	7.40	7.74	4.5%	122665	7.69	7.96	3.5%	122676	7.82	8.57	9.2%	122690	7.31	7.33	0.3%
As	122651	< 1	< 1	0.0%	122665	< 1	< 1	0.0%	122676	< 1	< 1	0.0%	122690	< 1	< 1	0.0%
Ba	122651	558	584	4.6%	122665	908	940	3.5%	122676	483	525	8.3%	122690	379	378	0.3%
Be	122651	2.8	1.4		122665	1.8	1.8	0.0%	122676	1.2	1.5	22.2%	122690	1.0	0.6	
Bi	122651	6	6	0.0%	122665	5	5	0.0%	122676	5	6	18.2%	122690	10	11	9.5%
Ca	122651	2.53	2.61	3.1%	122665	2.96	3.04	2.7%	122676	3.00	3.54	16.5%	122690	3.65	3.68	0.8%
Cd	122651	< 0.5	< 0.5	0.0%	122665	< 0.5	< 0.5	0.0%	122676	< 0.5	< 0.5	0.0%	122690	< 0.5	< 0.5	0.0%
Ce	122651	44	47	6.6%	122665	72	74	2.7%	122676	39	43	9.8%	122690	35	29	18.8%
Co	122651	15.9	17.0	6.7%	122665	13.2	13.4	1.5%	122676	15.4	17.1	10.5%	122690	23.6	20.9	12.1%
Cr	122651	62.6	61.1	2.4%	122665	51.6	52.1	1.0%	122676	61.0	82.6		122690	101	87.9	13.9%
Cu	122651	44.9	48.6	7.9%	122665	26.2	27.9	6.3%	122676	28.0	31.2	10.8%	122690	47.5	46.2	2.8%
Fe	122651	4.10	4.24	3.4%	122665	3.39	3.48	2.6%	122676	4.20	4.60	9.1%	122690	5.47	5.49	0.4%
Ga	122651	19	19	0.0%	122665	18	18	0.0%	122676	18	21	15.4%	122690	19	18	5.4%
In	122651	< 1	< 1	0.0%	122665	< 1	< 1	0.0%	122676	< 1	< 1	0.0%	122690	< 1	< 1	0.0%
K	122651	1.66	1.75	5.3%	122665	1.74	1.79	2.8%	122676	1.75	1.91	8.7%	122690	1.24	1.24	0.0%
La	122651	22	23	4.4%	122665	37	38	2.7%	122676	19	21	10.0%	122690	16	15	6.5%
Li	122651	22	22	0.0%	122665	21	22	4.7%	122676	26	29	10.9%	122690	19	19	0.0%
Mg	122651	1.45	1.53	5.4%	122665	1.58	1.62	2.5%	122676	1.37	1.51	9.7%	122690	2.03	2.02	0.5%
Mn	122651	738	772	4.5%	122665	696	720	3.4%	122676	951	1150	18.9%	122690	1090	1100	0.9%
Mo	122651	5.54	5.57	0.5%	122665	3.38	3.05	10.3%	122676	7.4	7.3	1.4%	122690	5.73	5.24	8.9%
Na	122651	3.25	3.34	2.7%	122665	3.26	3.37	3.3%	122676	3.08	3.39	9.6%	122690	2.53	2.55	0.8%
Ni	122651	42.2	43.7	3.5%	122665	38.4	39.1	1.8%	122676	42.6	46.9	9.6%	122690	65.2	60.0	8.3%
P	122651	693	722	4.1%	122665	812	821	1.1%	122676	555	611	9.6%	122690	604	550	9.4%
Pb	122651	< 20	< 20	0.0%	122665	< 20	< 20	0.0%	122676	< 20	< 20	0.0%	122690	< 20	< 20	0.0%
Rb	122651	< 50	< 50	0.0%	122665	< 50	< 50	0.0%	122676	< 50	< 50	0.0%	122690	< 50	< 50	0.0%
S	122651	0.15	0.16	6.5%	122665	0.07	0.07	0.0%	122676	0.084	0.103	20.3%	122690	0.10	0.10	0.0%
Sb	122651	< 1	< 1	0.0%	122665	< 1	< 1	0.0%	122676	< 1	< 1	0.0%	122690	< 1	< 1	0.0%
Sc	122651	15	16	6.5%	122665	12	13	8.0%	122676	14	17	19.4%	122690	22	19	14.6%
Se	122651	< 10	< 10	0.0%	122665	< 10	< 10	0.0%	122676	< 10	< 10	0.0%	122690	< 10	< 10	0.0%
Sn	122651	< 5	< 5	0.0%	122665	< 5	< 5	0.0%	122676	< 5	< 5	0.0%	122690	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	122651	450	465	3.3%	122665	679	705	3.8%	122676	471	511	8.1%	122690	427	432	1.2%
Ta	122651	< 10	< 10	0.0%	122665	< 10	< 10	0.0%	122676	< 10	< 10	0.0%	122690	< 10	< 10	0.0%
Te	122651	< 10	< 10	0.0%	122665	< 10	< 10	0.0%	122676	< 10	< 10	0.0%	122690	< 10	< 10	0.0%
Th	122651	< 5	< 5	0.0%	122665	8	9	11.8%	122676	< 5	< 5	0.0%	122690	< 5	< 5	0.0%
Ti	122651	0.372	0.382	2.7%	122665	0.333	0.340	2.1%	122676	0.37	0.44	17.3%	122690	0.42	0.42	0.0%
Tl	122651	< 5	< 5	0.0%	122665	< 5	< 5	0.0%	122676	< 5	< 5	0.0%	122690	< 5	< 5	0.0%
U	122651	< 50	< 50	0.0%	122665	< 50	< 50	0.0%	122676	< 50	< 50	0.0%	122690	< 50	< 50	0.0%
V	122651	111	115	3.5%	122665	93.1	94.4	1.4%	122676	102	126	21.1%	122690	155	131	16.8%
W	122651	< 1	< 1	0.0%	122665	< 1	< 1	0.0%	122676	< 1	< 1	0.0%	122690	< 1	< 1	0.0%
Y	122651	14	14	0.0%	122665	18	18	0.0%	122676	12	15	22.2%	122690	16	13	20.7%
Zn	122651	67.8	71.1	4.8%	122665	74.0	76.0	2.7%	122676	65.6	71.2	8.2%	122690	68.8	68.5	0.4%
Zr	122651	107	97	9.8%	122665	130	129	0.8%	122676	102	112	9.3%	122690	93	73	24.1%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	122701	< 0.5	< 0.5	0.0%	122715	< 0.5	< 0.5	0.0%								
Al	122701	7.88	7.77	1.4%	122715	7.53	7.71	2.4%								
As	122701	< 1	< 1	0.0%	122715	< 1	< 1	0.0%								
Ba	122701	518	514	0.8%	122715	404	414	2.4%								
Be	122701	1.0	1.0	0.0%	122715	1.5	1.5	0.0%								
Bi	122701	7	5		122715	6	6	0.0%								
Ca	122701	3.66	3.59	1.9%	122715	3.55	3.70	4.1%								
Cd	122701	< 0.5	< 0.5	0.0%	122715	< 0.5	< 0.5	0.0%								
Ce	122701	34	32	6.1%	122715	39	40	2.5%								
Co	122701	24.3	24.6	1.2%	122715	21.9	21.5	1.8%								
Cr	122701	109	117	7.1%	122715	94.5	92.6	2.0%								
Cu	122701	55.9	55.3	1.1%	122715	68.0	69.7	2.5%								
Fe	122701	5.61	5.53	1.4%	122715	4.92	5.13	4.2%								
Ga	122701	21	21	0.0%	122715	20	20	0.0%								
In	122701	< 1	< 1	0.0%	122715	< 1	< 1	0.0%								
K	122701	1.50	1.47	2.0%	122715	1.98	2.03	2.5%								
La	122701	16	16	0.0%	122715	19	20	5.1%								
Li	122701	33	33	0.0%	122715	21	21	0.0%								
Mg	122701	2.29	2.26	1.3%	122715	1.84	1.89	2.7%								
Mn	122701	1090	1050	3.7%	122715	1020	1060	3.8%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

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Mo	122701	4.9	4.6	6.3%	122715	3.93	4.37	10.6%								
Na	122701	2.72	2.67	1.9%	122715	2.66	2.74	3.0%								
Ni	122701	71.9	71.7	0.3%	122715	58.7	59.6	1.5%								
P	122701	540	526	2.6%	122715	646	646	0.0%								
Pb	122701	< 20	< 20	0.0%	122715	< 20	< 20	0.0%								
Rb	122701	< 50	< 50	0.0%	122715	< 50	< 50	0.0%								
S	122701	0.09	0.09	0.0%	122715	0.13	0.13	0.0%								
Sb	122701	1	1	0.0%	122715	< 1	2									
Sc	122701	24	24	0.0%	122715	22	22	0.0%								
Se	122701	< 10	< 10	0.0%	122715	< 10	< 10	0.0%								
Sn	122701	< 5	< 5	0.0%	122715	< 5	< 5	0.0%								
Sr	122701	435	429	1.4%	122715	406	426	4.8%								
Ta	122701	< 10	< 10	0.0%	122715	< 10	< 10	0.0%								
Te	122701	< 10	< 10	0.0%	122715	< 10	< 10	0.0%								
Th	122701	< 5	< 5	0.0%	122715	< 5	< 5	0.0%								
Ti	122701	0.45	0.45	0.0%	122715	0.396	0.415	4.7%								
Tl	122701	< 5	< 5	0.0%	122715	< 5	< 5	0.0%								
U	122701	< 50	< 50	0.0%	122715	< 50	< 50	0.0%								
V	122701	164	158	3.7%	122715	149	149	0.0%								
W	122701	< 1	< 1	0.0%	122715	< 1	< 1	0.0%								
Y	122701	17	16	6.1%	122715	16	16	0.0%								
Zn	122701	77.5	76.7	1.0%	122715	75.6	79.2	4.7%								
Zr	122701	89	88	1.1%	122715	89	89	0.0%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	122651	0.0565	0.0424	28.5%	122665	0.0047	0.0042	11.2%	122676	0.0231	0.0239	3.4%	122690	0.0230	0.0172	28.9%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	122701	0.013	0.013	0.0%	122715	0.0080	0.0075	6.5%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	11.2	102%	90% - 110%	8.17	8.39	103%	90% - 110%	6.96	6.96	100%	90% - 110%	10.95	9.99	91%	90% - 110%
As					26	24	94%	90% - 110%	124	119	96%	90% - 110%				
Ba	340	326	96%	90% - 110%	540	527	98%	90% - 110%	186	168	90%	90% - 110%	340	326	96%	90% - 110%
Be	2.6	2.8	106%	90% - 110%	4.0	3.6	91%	90% - 110%					2.6	2.7	105%	90% - 110%
Ca	5.72	5.47	96%	90% - 110%	0.907	0.863	95%	90% - 110%	4.01	3.84	96%	90% - 110%	5.72	5.53	97%	90% - 110%
Ce	122	114	93%	90% - 110%	98	95	97%	90% - 110%	24	22	91%	90% - 110%	122	119	98%	90% - 110%
Co									22.1	20	90%	90% - 110%				
Cr					60.3	59.2	98%	90% - 110%								
Cu					150	156	104%	90% - 110%	88.6	79.8	90%	90% - 110%				
Fe	4.34	4.02	93%	90% - 110%	3.77	3.56	95%	90% - 110%	7.56	7.03	93%	90% - 110%	4.34	4	92%	90% - 110%
Ga	35	33	94%	90% - 110%									35	32	91%	90% - 110%
K	1.37	1.42	104%	90% - 110%					2.021	2.033	101%	90% - 110%	1.37	1.44	105%	90% - 110%
La	58	54	93%	90% - 110%	44	43	99%	90% - 110%					58	55	95%	90% - 110%
Li	37	39	106%	90% - 110%	47	49	104%	90% - 110%					37	40	107%	90% - 110%
Mg	0.325	0.294	90%	90% - 110%	1.10	1.07	97%	90% - 110%	2.412	2.345	97%	90% - 110%	0.325	0.297	91%	90% - 110%
Mn					780	739	95%	90% - 110%	1510	1417	94%	90% - 110%				
Mo					14	14	98%	90% - 110%								
Na	5.267	5.319	101%	90% - 110%	1.624	1.699	105%	90% - 110%	0.617	0.626	101%	90% - 110%	5.267	5.428	103%	90% - 110%
Ni					32	32	101%	90% - 110%	77.1	70.1	91%	90% - 110%				
P					750	719	96%	90% - 110%	892	850	95%	90% - 110%				
Pb					31	25	79%	90% - 110%								
S									0.348	0.32	91%	90% - 110%				
Sc	1.1	1.1	97%	90% - 110%	12	13	106%	90% - 110%					1.1	1.1	99%	90% - 110%
Sr	1191	1196	100%	90% - 110%	144	154	107%	90% - 110%	92.8	90.8	98%	90% - 110%	1191	1205	101%	90% - 110%
Th					18.4	19	103%	90% - 110%								
Ti	0.172	0.173	100%	90% - 110%	0.53	0.48	91%	90% - 110%					0.172	0.168	97%	90% - 110%
V					77	77	100%	90% - 110%								
Y	119	123	103%	90% - 110%									119	123	104%	90% - 110%
Zn	93	92	99%	90% - 110%	130	120	92%	90% - 110%	208	189	91%	90% - 110%	93	89	95%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP7M)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.27	5.24	99%	90% - 110%	6.87	7.29	106%	90% - 110%	0.725	0.781	108%	90% - 110%	0.562	0.553	98%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00617  
 SAMPLING SITE:

AGAT WORK ORDER: 19T455151  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00619

AGAT WORK ORDER: 19T455584

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Apr 26, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T455584

PROJECT: AGAT00619

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 09, 2019      DATE RECEIVED: Apr 10, 2019      DATE REPORTED: Apr 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D61267 (125128)		2.18
D61268 (125129)		2.16
D61269 (125130)		2.33
D61270 (125131)		1.85
D61271 (125132)		2.28
D61272 (125133)		0.82
D61273 (125134)		0.59
D61274 (125135)		1.87
D61275 (125136)		1.95
D61276 (125137)		1.86
D61277 (125138)		2.07
D61278 (125139)		2.07
D61279 (125140)		1.83
D61280 (125141)		1.35
D61281 (125142)		1.64
D61282 (125143)		2.10
D61283 (125144)		2.15
D61284 (125145)		2.07
D61285 (125146)		2.12
D61286 (125147)		0.07
D61287 (125148)		2.08
D61288 (125149)		1.03
D61289 (125150)		1.99
D61290 (125151)		2.58
D61291 (125152)		1.87
D61292 (125153)		0.86
D61293 (125154)		2.09
D61294 (125155)		2.21
D61295 (125156)		1.55
D61296 (125157)		2.72
D61297 (125158)		2.73

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T455584

PROJECT: AGAT00619

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 09, 2019      DATE RECEIVED: Apr 10, 2019      DATE REPORTED: Apr 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D61298 (125159)		2.73
D61299 (125160)		2.15
D61300 (125161)		2.25
D61301 (125162)		0.87
D61302 (125163)		1.83
D61303 (125164)		1.75
D61304 (125165)		1.77
D61305 (125166)		1.78
D61306 (125167)		0.07
D61307 (125168)		1.76
D61308 (125169)		1.86
D61309 (125170)		1.32
D61310 (125171)		1.86
D61311 (125172)		1.87
D61312 (125173)		0.85
D61313 (125174)		1.96
D61314 (125175)		1.63
D61315 (125176)		2.27
D61316 (125177)		1.93
D61317 (125178)		1.02
D61318 (125179)		1.02
D61319 (125180)		1.13
D61320 (125181)		0.88
D61321 (125182)		2.09
D61322 (125183)		2.29
D61323 (125184)		1.56
D61324 (125185)		2.31
D61325 (125186)		2.08
D61326 (125187)		0.07
D61327 (125188)		2.14
D61328 (125189)		2.12

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T455584

PROJECT: AGAT00619

5623 McADAM ROAD  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 09, 2019      DATE RECEIVED: Apr 10, 2019      DATE REPORTED: Apr 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D61329 (125190)		2.30
D61330 (125191)		2.78
D61331 (125192)		1.29
D61332 (125193)		0.97
D61333 (125194)		1.32
D61334 (125195)		0.79
D61335 (125196)		1.99
D61336 (125197)		2.37
D61337 (125198)		2.26
D61338 (125199)		2.26

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T455584

PROJECT: AGAT00619

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 09, 2019	DATE RECEIVED: Apr 10, 2019							DATE REPORTED: Apr 26, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D61267 (125128)	<0.5	7.35	<1	446	1.2	1	3.11	<0.5	43	17.2	66.9	32.8	4.45	20	
D61268 (125129)	<0.5	6.88	<1	417	1.5	<1	2.84	<0.5	31	18.0	72.6	38.9	4.59	20	
D61269 (125130)	<0.5	7.38	<1	384	0.9	<1	3.74	<0.5	28	19.6	79.2	38.6	5.40	18	
D61270 (125131)	<0.5	7.57	<1	512	1.0	1	3.34	<0.5	34	21.2	93.6	61.6	5.27	21	
D61271 (125132)	<0.5	7.73	<1	495	1.3	<1	3.16	<0.5	35	18.4	77.1	35.7	5.08	19	
D61272 (125133)	<0.5	0.08	1	15	<0.5	<1	27.8	<0.5	<1	<0.5	2.2	<0.5	0.13	<5	
D61273 (125134)	<0.5	7.40	1	1570	0.9	<1	1.70	<0.5	37	2.4	14.9	1.6	1.35	14	
D61274 (125135)	<0.5	7.68	<1	359	2.2	<1	3.35	<0.5	57	13.5	72.6	11.6	3.42	19	
D61275 (125136)	<0.5	7.83	2	592	2.2	<1	3.21	<0.5	80	11.9	90.4	7.8	3.18	20	
D61276 (125137)	<0.5	7.12	2	884	2.1	<1	2.94	<0.5	75	10.7	69.8	19.0	2.49	17	
D61277 (125138)	<0.5	7.31	<1	894	2.3	<1	3.56	<0.5	77	13.5	106	7.9	3.46	19	
D61278 (125139)	<0.5	7.49	<1	925	2.4	<1	3.73	<0.5	78	13.8	105	8.1	3.58	20	
D61279 (125140)	<0.5	7.35	1	433	2.1	<1	3.19	<0.5	76	13.1	78.1	24.1	2.97	19	
D61280 (125141)	<0.5	7.00	<1	708	1.5	<1	2.94	<0.5	41	21.4	111	22.4	4.67	20	
D61281 (125142)	<0.5	7.36	<1	609	1.7	<1	2.98	<0.5	47	16.5	71.3	39.7	4.01	19	
D61282 (125143)	<0.5	7.64	<1	552	1.9	1	3.08	<0.5	72	11.8	74.5	13.4	3.05	19	
D61283 (125144)	<0.5	7.58	<1	628	2.2	<1	3.08	<0.5	76	12.9	85.4	24.1	3.13	20	
D61284 (125145)	<0.5	7.40	<1	930	2.3	<1	3.52	<0.5	77	14.9	119	37.8	3.63	20	
D61285 (125146)	<0.5	7.59	<1	810	2.3	<1	3.14	<0.5	78	12.2	82.0	30.6	3.06	18	
D61286 (125147)	<0.5	7.35	<1	186	0.7	8	6.29	<0.5	12	36.2	147	104	7.67	25	
D61287 (125148)	<0.5	7.14	<1	652	2.5	<1	3.04	<0.5	73	11.8	79.7	20.4	2.92	19	
D61288 (125149)	<0.5	2.67	<1	548	2.7	14	6.51	<0.5	91	55.5	332	75.8	7.55	23	
D61289 (125150)	<0.5	7.61	1	659	3.7	<1	3.97	<0.5	79	14.6	96.8	10.1	3.91	20	
D61290 (125151)	<0.5	7.60	2	623	2.7	<1	3.40	<0.5	73	12.2	75.2	11.7	3.09	18	
D61291 (125152)	<0.5	6.78	2	567	2.4	4	4.06	<0.5	40	28.6	127	94.2	5.60	22	
D61292 (125153)	<0.5	0.09	<1	15	<0.5	<1	28.0	<0.5	<1	<0.5	0.8	<0.5	0.15	<5	
D61293 (125154)	<0.5	7.07	<1	355	1.3	<1	3.04	<0.5	32	16.0	65.0	25.6	4.31	18	
D61294 (125155)	<0.5	7.07	<1	454	1.0	<1	3.25	<0.5	36	18.3	72.3	43.9	4.57	18	
D61295 (125156)	<0.5	7.56	<1	687	1.2	<1	2.37	<0.5	40	17.6	62.3	37.3	4.02	19	
D61296 (125157)	<0.5	7.76	<1	532	1.1	<1	3.30	<0.5	40	20.9	97.3	32.8	4.76	21	
D61297 (125158)	<0.5	7.76	<1	530	1.0	1	3.47	<0.5	39	21.5	92.3	39.0	5.29	21	
D61298 (125159)	<0.5	7.83	<1	523	1.1	2	3.37	<0.5	39	20.4	98.5	38.1	5.11	21	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T455584

PROJECT: AGAT00619

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 09, 2019	DATE RECEIVED: Apr 10, 2019							DATE REPORTED: Apr 26, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D61299 (125160)	<0.5	7.38	<1	488	1.2	<1	2.88	<0.5	39	19.8	76.4	54.3	4.43	20	
D61300 (125161)	<0.5	7.97	<1	696	1.2	1	3.27	<0.5	41	20.4	84.9	50.7	4.92	20	
D61301 (125162)	<0.5	5.78	<1	1030	2.2	3	6.80	<0.5	54	32.5	291	<0.5	6.37	22	
D61302 (125163)	<0.5	7.44	<1	557	1.3	<1	3.23	<0.5	39	19.3	86.5	41.9	4.55	19	
D61303 (125164)	<0.5	7.62	<1	433	1.3	<1	3.39	<0.5	37	20.8	82.4	34.8	5.09	20	
D61304 (125165)	<0.5	7.41	<1	535	1.1	<1	3.58	<0.5	36	23.4	98.0	49.5	5.25	20	
D61305 (125166)	<0.5	7.86	<1	457	1.2	<1	3.37	<0.5	35	17.9	80.5	41.4	4.79	18	
D61306 (125167)	<0.5	7.39	<1	145	<0.5	8	6.93	<0.5	2	37.8	141	158	8.27	25	
D61307 (125168)	<0.5	7.72	<1	516	1.1	<1	3.52	<0.5	41	20.3	85.8	48.3	4.97	21	
D61308 (125169)	<0.5	7.53	<1	552	1.0	2	3.19	<0.5	36	21.2	97.4	55.5	5.31	20	
D61309 (125170)	<0.5	3.46	<1	851	2.9	26	7.03	<0.5	87	54.0	533	97.9	8.40	25	
D61310 (125171)	<0.5	7.60	<1	507	1.3	1	3.76	<0.5	32	26.7	114	67.0	5.97	22	
D61311 (125172)	<0.5	7.00	<1	441	1.4	<1	3.34	<0.5	33	21.5	77.6	46.0	4.62	20	
D61312 (125173)	<0.5	0.13	2	32	<0.5	<1	29.3	<0.5	<1	0.8	1.5	<0.5	0.14	<5	
D61313 (125174)	<0.5	7.16	<1	589	1.3	1	3.30	<0.5	33	21.8	83.0	56.8	5.27	20	
D61314 (125175)	<0.5	7.57	<1	597	1.5	<1	3.32	<0.5	40	17.7	121	52.4	4.60	20	
D61315 (125176)	<0.5	8.02	1	642	2.4	<1	2.56	<0.5	61	8.5	50.1	6.6	2.70	20	
D61316 (125177)	<0.5	7.95	4	504	1.1	<1	0.89	<0.5	9	1.3	17.3	5.7	0.85	15	
D61317 (125178)	<0.5	3.69	<1	800	2.7	22	7.37	<0.5	101	47.7	611	91.3	7.61	21	
D61318 (125179)	<0.5	3.71	<1	803	2.6	25	7.66	<0.5	103	45.8	619	91.8	7.81	22	
D61319 (125180)	<0.5	6.24	4	1100	8.0	<1	4.59	<0.5	63	25.1	228	48.0	4.00	18	
D61320 (125181)	<0.5	9.86	2	517	1.7	<1	0.84	<0.5	30	<0.5	3.7	1.9	0.51	20	
D61321 (125182)	<0.5	8.81	3	330	1.3	<1	0.90	<0.5	31	<0.5	3.8	<0.5	0.80	17	
D61322 (125183)	<0.5	7.64	<1	371	0.8	<1	0.57	<0.5	4	<0.5	4.7	1.6	0.54	14	
D61323 (125184)	<0.5	6.51	2	285	0.8	<1	0.64	<0.5	12	<0.5	4.6	5.2	0.72	12	
D61324 (125185)	<0.5	7.52	2	199	1.2	<1	1.27	<0.5	19	<0.5	6.4	3.5	1.19	17	
D61325 (125186)	<0.5	7.27	<1	398	0.7	<1	0.59	<0.5	10	0.7	5.0	16.7	0.60	14	
D61326 (125187)	<0.5	7.71	<1	188	0.9	6	6.43	<0.5	12	36.2	152	106	7.92	27	
D61327 (125188)	<0.5	7.16	2	259	1.0	<1	0.90	<0.5	3	<0.5	4.5	1.9	0.56	14	
D61328 (125189)	<0.5	6.70	<1	154	1.5	<1	1.23	<0.5	5	0.8	5.8	3.6	0.58	16	
D61329 (125190)	<0.5	7.97	<1	577	1.3	<1	3.31	<0.5	38	21.5	82.3	46.0	5.32	21	
D61330 (125191)	<0.5	7.92	<1	499	1.0	2	3.25	<0.5	42	20.9	64.7	54.1	5.15	21	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T455584

PROJECT: AGAT00619

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 09, 2019	DATE RECEIVED: Apr 10, 2019					DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D61331 (125192)	<0.5	6.78	<1	317	1.4	<1	3.14	<0.5	41	15.2	46.3	12.9	3.92	16	
D61332 (125193)	<0.5	0.07	<1	17	<0.5	<1	31.1	<0.5	<1	<0.5	<0.5	<0.5	0.09	<5	
D61333 (125194)	<0.5	7.22	<1	467	1.2	<1	3.49	<0.5	43	20.0	75.8	56.6	5.04	20	
D61334 (125195)	<0.5	3.06	<1	650	2.2	32	6.69	<0.5	77	51.5	575	104	8.75	25	
D61335 (125196)	<0.5	7.81	<1	571	1.0	<1	2.88	<0.5	45	19.2	65.7	49.9	4.81	20	
D61336 (125197)	<0.5	8.08	<1	511	1.1	1	3.30	<0.5	36	21.3	77.9	77.8	5.34	21	
D61337 (125198)	<0.5	8.03	<1	542	0.9	3	3.12	<0.5	36	20.6	68.6	49.5	5.35	20	
D61338 (125199)	<0.5	7.81	<1	534	1.0	3	3.12	<0.5	36	21.1	75.0	46.3	5.36	22	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 09, 2019	DATE RECEIVED: Apr 10, 2019					DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D61267 (125128)	<1	1.34	23	25	1.60	762	4.7	2.96	50.4	632	<20	<50	0.09	<1	
D61268 (125129)	<1	1.40	17	25	1.69	864	6.2	2.49	44.3	505	<20	<50	0.08	<1	
D61269 (125130)	<1	1.45	16	21	2.08	1120	5.7	2.81	52.8	601	<20	<50	0.08	<1	
D61270 (125131)	<1	1.52	18	23	1.99	1010	6.0	2.80	54.6	675	<20	<50	0.12	<1	
D61271 (125132)	<1	1.62	18	28	1.85	1010	5.8	2.88	49.9	645	<20	<50	0.08	<1	
D61272 (125133)	<1	0.02	<2	1	1.73	98	1.4	0.04	0.6	74	<20	<50	0.06	<1	
D61273 (125134)	<1	3.78	20	17	0.42	202	4.6	2.64	10.1	289	<20	<50	0.01	<1	
D61274 (125135)	<1	1.21	29	24	1.71	682	5.6	3.27	49.9	747	<20	<50	0.04	<1	
D61275 (125136)	<1	1.67	40	26	1.94	546	5.5	3.27	58.7	1060	<20	<50	0.03	<1	
D61276 (125137)	<1	1.62	39	22	1.59	450	4.8	2.98	50.2	884	<20	<50	0.04	<1	
D61277 (125138)	<1	1.98	39	28	2.25	619	4.6	2.87	56.9	1070	<20	<50	0.03	<1	
D61278 (125139)	<1	2.04	40	29	2.32	640	5.4	2.98	59.3	1110	<20	<50	0.04	<1	
D61279 (125140)	<1	1.06	38	17	1.65	581	4.9	3.02	57.5	990	<20	<50	0.07	<1	
D61280 (125141)	<1	1.51	23	27	1.88	767	4.7	2.70	64.9	704	<20	<50	0.07	1	
D61281 (125142)	<1	1.34	24	25	1.72	692	6.3	3.01	52.0	682	<20	<50	0.10	<1	
D61282 (125143)	<1	1.26	35	27	1.80	600	5.8	3.23	53.4	921	<20	<50	0.04	<1	
D61283 (125144)	<1	1.32	39	27	1.92	595	5.8	3.11	58.3	979	<20	<50	0.06	1	
D61284 (125145)	<1	1.50	39	30	2.32	716	7.3	2.94	77.9	1080	<20	<50	0.09	2	
D61285 (125146)	<1	1.48	40	28	1.90	529	5.6	3.14	56.5	1010	<20	<50	0.07	2	
D61286 (125147)	<1	0.44	9	11	4.30	1330	1.8	2.32	105	894	<20	<50	0.10	2	
D61287 (125148)	<1	1.04	38	19	1.85	520	5.3	3.31	55.1	990	<20	<50	0.05	<1	
D61288 (125149)	<1	2.19	55	35	8.30	1250	3.8	2.40	419	1920	<20	<50	0.08	1	
D61289 (125150)	<1	1.41	41	26	2.55	739	3.7	3.58	68.2	1140	<20	<50	0.03	<1	
D61290 (125151)	<1	1.45	38	25	1.97	573	4.9	3.32	56.7	1120	<20	<50	0.05	<1	
D61291 (125152)	<1	1.96	22	33	2.49	967	4.8	2.84	116	778	<20	<50	0.27	<1	
D61292 (125153)	<1	0.02	<2	1	2.15	110	1.4	0.04	0.8	85	<20	<50	0.08	<1	
D61293 (125154)	<1	1.32	17	26	1.71	723	4.2	2.86	43.0	578	<20	<50	0.09	<1	
D61294 (125155)	<1	1.34	19	27	1.64	854	4.9	2.70	50.1	690	<20	<50	0.12	<1	
D61295 (125156)	<1	1.65	22	34	1.49	718	4.7	2.83	47.7	664	<20	<50	0.11	<1	
D61296 (125157)	<1	1.41	21	33	1.89	985	5.8	2.93	55.4	765	<20	<50	0.09	1	
D61297 (125158)	<1	1.38	21	33	1.87	1070	5.6	3.00	57.7	792	<20	<50	0.11	1	
D61298 (125159)	<1	1.38	21	33	1.86	1030	5.8	2.95	56.9	773	<20	<50	0.11	<1	

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T455584

PROJECT: AGAT00619

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 09, 2019	DATE RECEIVED: Apr 10, 2019					DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D61299 (125160)	<1	1.45	21	31	1.63	834	6.0	2.69	53.6	701	<20	<50	0.14	<1	
D61300 (125161)	<1	1.73	22	34	1.94	914	5.5	2.84	53.8	740	<20	<50	0.11	2	
D61301 (125162)	<1	1.50	26	22	5.66	1310	3.8	1.59	86.6	1720	<20	<50	0.03	3	
D61302 (125163)	<1	1.45	22	27	1.82	832	6.5	2.76	58.2	747	<20	<50	0.09	<1	
D61303 (125164)	<1	1.76	20	28	1.87	940	6.9	2.86	59.5	663	<20	<50	0.08	<1	
D61304 (125165)	<1	1.41	20	29	2.37	940	6.2	2.96	86.1	698	<20	<50	0.12	<1	
D61305 (125166)	<1	1.51	19	28	1.82	916	6.2	3.35	54.2	694	<20	<50	0.10	<1	
D61306 (125167)	<1	0.21	4	13	4.41	1450	1.7	2.41	86.3	433	<20	<50	0.18	3	
D61307 (125168)	<1	1.26	22	32	1.97	926	6.7	3.02	59.7	723	<20	<50	0.12	<1	
D61308 (125169)	<1	1.47	19	29	2.03	985	6.3	3.03	58.2	677	<20	<50	0.13	1	
D61309 (125170)	<1	1.98	53	22	10.7	1410	5.0	0.86	499	2380	<20	<50	0.19	5	
D61310 (125171)	<1	1.61	17	34	2.45	1080	5.2	2.87	80.0	699	<20	<50	0.15	2	
D61311 (125172)	<1	1.77	18	22	1.71	926	4.3	2.50	55.0	670	<20	<50	0.12	<1	
D61312 (125173)	<1	0.05	<2	2	2.28	106	1.4	0.05	0.9	71	<20	<50	0.09	1	
D61313 (125174)	<1	1.89	18	27	1.99	947	5.6	2.54	58.1	662	<20	<50	0.13	2	
D61314 (125175)	<1	1.53	21	25	1.66	859	8.2	2.92	50.0	632	<20	<50	0.14	2	
D61315 (125176)	<1	1.60	34	35	1.29	545	7.4	3.41	30.0	600	<20	<50	0.04	<1	
D61316 (125177)	<1	5.17	5	9	0.22	126	7.9	2.69	6.6	97	30	<50	0.05	<1	
D61317 (125178)	<1	2.65	59	40	9.83	1300	4.7	0.84	470	2640	<20	<50	0.21	6	
D61318 (125179)	<1	2.69	57	41	10.0	1330	3.0	0.87	468	2630	<20	<50	0.21	6	
D61319 (125180)	<1	2.38	34	40	5.01	776	2.1	4.41	251	881	48	<50	0.15	2	
D61320 (125181)	<1	6.97	15	8	0.13	105	<0.5	3.69	2.7	201	60	65	0.02	<1	
D61321 (125182)	<1	5.45	16	6	0.09	103	0.9	3.24	0.9	50	44	51	<0.01	<1	
D61322 (125183)	<1	5.66	2	3	0.06	72	1.1	2.40	0.8	30	31	53	0.01	<1	
D61323 (125184)	<1	4.20	6	2	0.07	100	1.3	2.27	0.8	23	32	<50	0.02	<1	
D61324 (125185)	<1	2.85	10	3	0.14	167	1.4	3.33	0.8	27	23	<50	0.02	<1	
D61325 (125186)	<1	5.29	5	3	0.07	92	0.9	2.26	2.8	23	33	<50	0.03	<1	
D61326 (125187)	<1	0.47	10	11	4.46	1380	2.0	2.42	106	921	<20	<50	0.10	<1	
D61327 (125188)	<1	4.02	2	2	0.06	80	1.4	2.70	0.7	24	30	<50	0.01	<1	
D61328 (125189)	<1	2.03	3	4	0.10	89	1.2	3.16	2.2	24	31	<50	0.02	<1	
D61329 (125190)	<1	1.61	21	37	1.94	1010	2.0	2.89	63.0	712	<20	<50	0.14	<1	
D61330 (125191)	<1	1.42	23	39	1.83	901	1.4	2.94	55.1	826	<20	<50	0.14	1	

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AGAT WORK ORDER: 19T455584

PROJECT: AGAT00619

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 09, 2019	DATE RECEIVED: Apr 10, 2019				DATE REPORTED: Apr 26, 2019				SAMPLE TYPE: Drill Core						
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D61331 (125192)	<1	0.89	22	22	1.44	898	2.0	2.83	41.7	722	<20	<50	0.04	1	
D61332 (125193)	<1	0.02	<2	<1	2.53	113	<0.5	0.04	0.5	83	<20	<50	0.09	<1	
D61333 (125194)	<1	1.30	24	26	2.05	912	1.8	2.93	66.3	876	<20	<50	0.13	<1	
D61334 (125195)	<1	2.09	49	41	10.6	1390	2.8	0.68	498	2170	<20	<50	0.22	5	
D61335 (125196)	<1	1.48	23	31	1.70	899	1.9	3.06	49.4	736	<20	<50	0.13	<1	
D61336 (125197)	<1	1.38	19	36	1.85	1000	7.4	3.00	60.1	710	<20	<50	0.19	2	
D61337 (125198)	<1	1.75	20	44	1.93	961	1.7	2.72	56.3	701	<20	<50	0.13	<1	
D61338 (125199)	<1	1.72	20	42	1.90	945	2.0	2.68	57.1	706	<20	<50	0.13	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 09, 2019

DATE RECEIVED: Apr 10, 2019

DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D61267 (125128)	16	<10	<5	426	<10	<10	5	0.35	<5	<50	117	<1	13	73.7
D61268 (125129)	19	<10	<5	326	<10	<10	<5	0.35	<5	<50	130	<1	14	84.2
D61269 (125130)	19	<10	<5	386	<10	<10	<5	0.39	<5	<50	128	<1	14	79.4
D61270 (125131)	21	<10	<5	465	<10	<10	<5	0.42	<5	<50	150	<1	17	73.8
D61271 (125132)	21	<10	<5	474	<10	<10	<5	0.42	<5	<50	146	<1	15	78.2
D61272 (125133)	<1	<10	<5	57	<10	<10	<5	<0.01	<5	<50	1.5	<1	2	3.0
D61273 (125134)	2	<10	<5	452	<10	<10	11	0.10	<5	<50	25.2	<1	3	34.8
D61274 (125135)	13	<10	<5	567	<10	<10	7	0.30	<5	<50	89.9	<1	15	71.1
D61275 (125136)	11	<10	<5	712	<10	<10	10	0.32	<5	<50	78.6	<1	18	71.4
D61276 (125137)	9	<10	<5	725	<10	<10	9	0.24	<5	<50	59.5	<1	14	56.4
D61277 (125138)	13	<10	<5	678	<10	<10	10	0.31	<5	<50	89.5	<1	18	72.1
D61278 (125139)	14	<10	<5	704	<10	<10	11	0.32	<5	<50	92.2	<1	18	74.7
D61279 (125140)	10	<10	<5	656	<10	<10	10	0.27	<5	<50	75.0	<1	17	60.7
D61280 (125141)	21	<10	<5	586	<10	<10	<5	0.40	<5	<50	147	<1	15	75.7
D61281 (125142)	16	<10	<5	598	<10	<10	<5	0.33	<5	<50	112	<1	15	67.6
D61282 (125143)	9	<10	<5	647	<10	<10	9	0.29	<5	<50	68.4	<1	16	66.2
D61283 (125144)	11	<10	<5	610	<10	<10	9	0.30	<5	<50	74.8	<1	17	71.2
D61284 (125145)	13	<10	<5	603	<10	<10	10	0.30	<5	<50	86.1	<1	19	84.6
D61285 (125146)	12	<10	<5	677	<10	<10	10	0.29	<5	<50	74.3	<1	17	74.1
D61286 (125147)	34	<10	<5	245	<10	<10	<5	0.84	<5	<50	234	<1	23	88.1
D61287 (125148)	10	<10	<5	588	<10	<10	11	0.28	<5	<50	75.5	<1	18	68.9
D61288 (125149)	16	<10	<5	727	<10	<10	<5	1.51	<5	<50	244	<1	19	71.0
D61289 (125150)	14	<10	<5	657	<10	<10	10	0.39	<5	<50	102	<1	24	82.4
D61290 (125151)	11	<10	<5	645	<10	<10	10	0.29	<5	<50	73.9	<1	17	73.4
D61291 (125152)	20	<10	<5	541	<10	<10	6	0.54	<5	<50	155	<1	19	71.0
D61292 (125153)	<1	<10	<5	62	<10	<10	<5	<0.01	<5	<50	1.6	<1	2	2.9
D61293 (125154)	16	<10	<5	395	<10	<10	<5	0.31	<5	<50	108	<1	12	66.6
D61294 (125155)	16	<10	<5	417	<10	<10	<5	0.37	<5	<50	121	<1	15	67.8
D61295 (125156)	15	<10	<5	438	<10	<10	6	0.34	<5	<50	116	<1	13	71.6
D61296 (125157)	19	<10	<5	461	<10	<10	<5	0.42	<5	<50	139	<1	16	74.9
D61297 (125158)	20	<10	<5	443	<10	<10	<5	0.45	<5	<50	143	<1	17	76.4
D61298 (125159)	20	<10	<5	442	<10	<10	<5	0.43	<5	<50	143	<1	17	75.5

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 09, 2019	DATE RECEIVED: Apr 10, 2019					DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D61299 (125160)	18	<10	<5	450	<10	<10	<5	0.36	<5	<50	129	<1	15	65.4	
D61300 (125161)	19	<10	<5	568	<10	<10	<5	0.42	<5	<50	140	<1	15	72.2	
D61301 (125162)	34	<10	<5	466	<10	<10	<5	0.41	<5	<50	190	<1	26	90.6	
D61302 (125163)	17	<10	<5	508	<10	<10	<5	0.39	<5	<50	126	<1	14	66.1	
D61303 (125164)	19	<10	<5	433	<10	<10	<5	0.41	<5	<50	135	<1	15	77.4	
D61304 (125165)	20	<10	<5	478	<10	<10	<5	0.48	<5	<50	144	<1	15	74.3	
D61305 (125166)	17	<10	<5	470	<10	<10	<5	0.37	<5	<50	118	<1	13	68.4	
D61306 (125167)	46	<10	<5	116	<10	<10	<5	0.70	<5	<50	307	<1	23	80.4	
D61307 (125168)	19	<10	<5	436	<10	<10	<5	0.40	<5	<50	132	<1	16	74.4	
D61308 (125169)	21	<10	<5	396	<10	<10	<5	0.43	<5	<50	141	<1	16	74.7	
D61309 (125170)	21	<10	<5	736	<10	<10	<5	1.87	<5	<50	256	<1	21	77.9	
D61310 (125171)	25	<10	<5	441	<10	<10	<5	0.49	<5	<50	174	<1	18	81.1	
D61311 (125172)	20	<10	<5	301	<10	<10	5	0.35	<5	<50	133	<1	17	65.7	
D61312 (125173)	<1	<10	<5	64	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	2.3	
D61313 (125174)	21	<10	<5	416	<10	<10	<5	0.42	<5	<50	146	<1	16	70.9	
D61314 (125175)	17	<10	<5	497	<10	<10	<5	0.37	<5	<50	120	<1	16	74.0	
D61315 (125176)	8	<10	<5	722	<10	<10	11	0.21	<5	<50	53.5	<1	13	73.8	
D61316 (125177)	2	<10	<5	196	<10	<10	6	0.08	<5	<50	11.4	<1	3	26.5	
D61317 (125178)	22	<10	<5	823	<10	<10	<5	1.84	<5	<50	239	<1	22	72.6	
D61318 (125179)	22	<10	<5	840	<10	<10	<5	1.88	<5	<50	239	3	22	74.9	
D61319 (125180)	21	<10	<5	540	<10	<10	29	0.57	<5	<50	146	<1	21	88.4	
D61320 (125181)	2	<10	<5	192	<10	<10	25	0.03	<5	<50	6.1	<1	6	12.8	
D61321 (125182)	1	<10	<5	153	<10	<10	21	0.03	<5	<50	4.1	<1	3	20.3	
D61322 (125183)	<1	<10	<5	132	<10	<10	<5	0.02	<5	<50	1.6	<1	<1	15.0	
D61323 (125184)	1	<10	<5	116	<10	<10	19	0.03	<5	<50	1.9	<1	2	17.0	
D61324 (125185)	2	<10	<5	132	<10	<10	15	0.05	<5	<50	3.8	<1	2	41.5	
D61325 (125186)	<1	<10	<5	135	<10	<10	7	0.02	<5	<50	2.4	<1	1	11.3	
D61326 (125187)	35	<10	<5	254	<10	<10	<5	0.87	<5	<50	239	<1	23	89.6	
D61327 (125188)	1	<10	<5	128	<10	<10	5	0.02	<5	<50	1.9	<1	1	16.3	
D61328 (125189)	1	<10	<5	119	<10	<10	15	0.03	<5	<50	4.6	<1	2	17.6	
D61329 (125190)	20	<10	<5	352	<10	<10	<5	0.42	<5	<50	141	<1	17	82.7	
D61330 (125191)	19	<10	<5	472	<10	<10	<5	0.42	<5	<50	142	<1	16	70.6	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 09, 2019	DATE RECEIVED: Apr 10, 2019					DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Sample ID (AGAT ID)															
D61331 (125192)	14	<10	<5	413	<10	<10	<5	0.32	<5	<50	104	<1	13	54.8	
D61332 (125193)	<1	<10	<5	66	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	2.4	
D61333 (125194)	18	<10	<5	498	<10	<10	<5	0.51	<5	<50	132	<1	16	68.9	
D61334 (125195)	20	<10	<5	717	<10	<10	<5	2.24	<5	<50	260	<1	21	86.8	
D61335 (125196)	18	<10	<5	443	<10	<10	<5	0.40	<5	<50	131	<1	15	73.2	
D61336 (125197)	20	<10	<5	465	<10	<10	<5	0.42	<5	<50	141	<1	15	109	
D61337 (125198)	19	<10	<5	466	<10	<10	<5	0.44	<5	<50	139	<1	15	75.3	
D61338 (125199)	19	<10	<5	466	<10	<10	<5	0.44	<5	<50	141	<1	15	73.9	

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 09, 2019      DATE RECEIVED: Apr 10, 2019      DATE REPORTED: Apr 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D61267 (125128)				109
D61268 (125129)				82
D61269 (125130)				76
D61270 (125131)				91
D61271 (125132)				90
D61272 (125133)				<5
D61273 (125134)				41
D61274 (125135)				103
D61275 (125136)				135
D61276 (125137)				122
D61277 (125138)				125
D61278 (125139)				133
D61279 (125140)				132
D61280 (125141)				58
D61281 (125142)				79
D61282 (125143)				136
D61283 (125144)				133
D61284 (125145)				132
D61285 (125146)				135
D61286 (125147)				92
D61287 (125148)				138
D61288 (125149)				184
D61289 (125150)				163
D61290 (125151)				140
D61291 (125152)				110
D61292 (125153)				<5
D61293 (125154)				85
D61294 (125155)				104
D61295 (125156)				103
D61296 (125157)				105
D61297 (125158)				112
D61298 (125159)				113

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 09, 2019      DATE RECEIVED: Apr 10, 2019      DATE REPORTED: Apr 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D61299 (125160)				107
D61300 (125161)				101
D61301 (125162)				99
D61302 (125163)				103
D61303 (125164)				99
D61304 (125165)				96
D61305 (125166)				88
D61306 (125167)				57
D61307 (125168)				96
D61308 (125169)				100
D61309 (125170)				211
D61310 (125171)				90
D61311 (125172)				88
D61312 (125173)				<5
D61313 (125174)				98
D61314 (125175)				107
D61315 (125176)				138
D61316 (125177)				22
D61317 (125178)				256
D61318 (125179)				251
D61319 (125180)				145
D61320 (125181)				127
D61321 (125182)				46
D61322 (125183)				14
D61323 (125184)				53
D61324 (125185)				132
D61325 (125186)				38
D61326 (125187)				97
D61327 (125188)				41
D61328 (125189)				77
D61329 (125190)				105
D61330 (125191)				108

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 09, 2019

DATE RECEIVED: Apr 10, 2019

DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D61331 (125192)	85
D61332 (125193)	<5
D61333 (125194)	116
D61334 (125195)	229
D61335 (125196)	117
D61336 (125197)	103
D61337 (125198)	105
D61338 (125199)	106

Comments: RDL - Reported Detection Limit

125128-125199 As, Sb values may be low due to digestion losses.

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T455584

PROJECT: AGAT00619

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 09, 2019      DATE RECEIVED: Apr 10, 2019      DATE REPORTED: Apr 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D61267 (125128)			0.004
D61268 (125129)			0.007
D61269 (125130)			0.005
D61270 (125131)			0.003
D61271 (125132)			0.002
D61272 (125133)			<0.001
D61273 (125134)			0.007
D61274 (125135)			0.002
D61275 (125136)			0.002
D61276 (125137)			0.003
D61277 (125138)			0.001
D61278 (125139)			0.002
D61279 (125140)			0.002
D61280 (125141)			0.002
D61281 (125142)			0.003
D61282 (125143)			0.002
D61283 (125144)			0.003
D61284 (125145)			0.004
D61285 (125146)			0.003
D61286 (125147)			0.326
D61287 (125148)			0.002
D61288 (125149)			0.001
D61289 (125150)			<0.001
D61290 (125151)			<0.001
D61291 (125152)			0.005
D61292 (125153)			<0.001
D61293 (125154)			0.003
D61294 (125155)			0.004
D61295 (125156)			0.026
D61296 (125157)			0.002
D61297 (125158)			0.018
D61298 (125159)			0.003

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T455584

PROJECT: AGAT00619

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 09, 2019      DATE RECEIVED: Apr 10, 2019      DATE REPORTED: Apr 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D61299 (125160)			0.006
D61300 (125161)			0.006
D61301 (125162)			0.003
D61302 (125163)			0.005
D61303 (125164)			0.003
D61304 (125165)			0.004
D61305 (125166)			0.012
D61306 (125167)			0.541
D61307 (125168)			0.179
D61308 (125169)			0.008
D61309 (125170)			0.010
D61310 (125171)			0.016
D61311 (125172)			0.008
D61312 (125173)			0.002
D61313 (125174)			0.014
D61314 (125175)			0.008
D61315 (125176)			0.034
D61316 (125177)			0.002
D61317 (125178)			0.003
D61318 (125179)			0.005
D61319 (125180)			0.005
D61320 (125181)			0.003
D61321 (125182)			<0.001
D61322 (125183)			0.003
D61323 (125184)			0.001
D61324 (125185)			0.001
D61325 (125186)			0.002
D61326 (125187)			0.326
D61327 (125188)			<0.001
D61328 (125189)			0.001
D61329 (125190)			0.010
D61330 (125191)			0.010

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T455584

PROJECT: AGAT00619

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 CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 09, 2019

DATE RECEIVED: Apr 10, 2019

DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

Analyte:	Unit:	RDL:
Au	ppm	0.001
D61331 (125192)		0.002
D61332 (125193)		<0.001
D61333 (125194)		0.007
D61334 (125195)		0.002
D61335 (125196)		0.007
D61336 (125197)		0.023
D61337 (125198)		0.013
D61338 (125199)		0.008

Comments: RDL - Reported Detection Limit

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T455584

PROJECT: AGAT00619

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 CANADA L4Z 1N9  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 09, 2019      DATE RECEIVED: Apr 10, 2019      DATE REPORTED: Apr 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D61267 (125128)		93
D61305 (125166)		89
D61325 (125186)		90

Comments: RDL - Reported Detection Limit

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T455584

PROJECT: AGAT00619

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CANADA L4Z 1N9  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 09, 2019      DATE RECEIVED: Apr 10, 2019      DATE REPORTED: Apr 26, 2019      SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL:
D61267 (125128)	96
D61293 (125154)	91

Comments: RDL - Reported Detection Limit

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	125128	< 0.5	< 0.5	0.0%	125142	< 0.5	< 0.5	0.0%	125153	< 0.5	< 0.5	0.0%	125168	< 0.5	< 0.5	0.0%
Al	125128	7.35	7.54	2.6%	125142	7.36	7.53	2.3%	125153	0.09	0.079	9.6%	125168	7.72	7.68	0.5%
As	125128	< 1	< 1	0.0%	125142	< 1	< 1	0.0%	125153	< 1	< 1	0.0%	125168	< 1	< 1	0.0%
Ba	125128	446	458	2.7%	125142	609	619	1.6%	125153	15	14	6.9%	125168	516	515	0.2%
Be	125128	1.2	1.2	0.0%	125142	1.66	1.60	3.7%	125153	< 0.5	< 0.5	0.0%	125168	1.1	1.0	9.5%
Bi	125128	1	< 1		125142	< 1	1		125153	< 1	< 1	0.0%	125168	< 1	< 1	0.0%
Ca	125128	3.11	3.02	2.9%	125142	2.98	3.02	1.3%	125153	28.0	26.9	4.0%	125168	3.52	3.54	0.6%
Cd	125128	< 0.5	< 0.5	0.0%	125142	< 0.5	< 0.5	0.0%	125153	< 0.5	< 0.5	0.0%	125168	< 0.5	< 0.5	0.0%
Ce	125128	43	41	4.8%	125142	47	47	0.0%	125153	< 1	< 1	0.0%	125168	41	39	5.0%
Co	125128	17.2	16.7	2.9%	125142	16.5	16.3	1.2%	125153	< 0.5	0.6		125168	20.3	18.9	7.1%
Cr	125128	66.9	69.5	3.8%	125142	71.3	68.4	4.2%	125153	0.8	1.5		125168	85.8	79.3	7.9%
Cu	125128	32.8	31.0	5.6%	125142	39.7	41.0	3.2%	125153	< 0.5	< 0.5	0.0%	125168	48.3	48.9	1.2%
Fe	125128	4.45	4.41	0.9%	125142	4.01	3.97	1.0%	125153	0.15	0.140	4.9%	125168	4.97	5.00	0.6%
Ga	125128	20	19	5.1%	125142	19	19	0.0%	125153	< 5	< 5	0.0%	125168	21	20	4.9%
In	125128	< 1	< 1	0.0%	125142	< 1	< 1	0.0%	125153	< 1	< 1	0.0%	125168	< 1	< 1	0.0%
K	125128	1.34	1.40	4.4%	125142	1.34	1.36	1.5%	125153	0.02	0.013	26.7%	125168	1.26	1.27	0.8%
La	125128	23	22	4.4%	125142	24	25	4.1%	125153	< 2	< 2	0.0%	125168	22	21	4.7%
Li	125128	25	25	0.0%	125142	25	26	3.9%	125153	1	1	0.0%	125168	32	32	0.0%
Mg	125128	1.60	1.61	0.6%	125142	1.72	1.74	1.2%	125153	2.15	2.12	1.4%	125168	1.97	1.96	0.5%
Mn	125128	762	784	2.8%	125142	692	701	1.3%	125153	110	103	6.6%	125168	926	923	0.3%
Mo	125128	4.7	5.5	15.7%	125142	6.31	5.35	16.5%	125153	1.4	1.3	7.4%	125168	6.72	6.35	5.7%
Na	125128	2.96	2.90	2.0%	125142	3.01	3.06	1.6%	125153	0.04	0.04	0.0%	125168	3.02	3.04	0.7%
Ni	125128	50.4	49.5	1.8%	125142	52.0	52.9	1.7%	125153	0.8	1.2		125168	59.7	57.0	4.6%
P	125128	632	622	1.6%	125142	682	686	0.6%	125153	85	70	19.4%	125168	723	691	4.5%
Pb	125128	< 20	< 20	0.0%	125142	< 20	< 20	0.0%	125153	< 20	< 20	0.0%	125168	< 20	< 20	0.0%
Rb	125128	< 50	< 50	0.0%	125142	< 50	< 50	0.0%	125153	< 50	< 50	0.0%	125168	< 50	< 50	0.0%
S	125128	0.086	0.077	11.0%	125142	0.10	0.10	0.0%	125153	0.08	0.095	17.1%	125168	0.12	0.12	0.0%
Sb	125128	< 1	< 1	0.0%	125142	< 1	< 1	0.0%	125153	< 1	< 1	0.0%	125168	< 1	< 1	0.0%
Sc	125128	16	16	0.0%	125142	16	16	0.0%	125153	< 1	< 1	0.0%	125168	19	18	5.4%
Se	125128	< 10	< 10	0.0%	125142	< 10	< 10	0.0%	125153	< 10	< 10	0.0%	125168	< 10	< 10	0.0%
Sn	125128	< 5	< 5	0.0%	125142	< 5	< 5	0.0%	125153	< 5	< 5	0.0%	125168	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	125128	426	408	4.3%	125142	598	612	2.3%	125153	62	58	6.7%	125168	436	449	2.9%
Ta	125128	< 10	< 10	0.0%	125142	< 10	< 10	0.0%	125153	< 10	< 10	0.0%	125168	< 10	< 10	0.0%
Te	125128	< 10	< 10	0.0%	125142	< 10	< 10	0.0%	125153	< 10	< 10	0.0%	125168	< 10	< 10	0.0%
Th	125128	5	5	0.0%	125142	< 5	< 5	0.0%	125153	< 5	< 5	0.0%	125168	< 5	< 5	0.0%
Ti	125128	0.349	0.344	1.4%	125142	0.331	0.336	1.5%	125153	< 0.01	< 0.01	0.0%	125168	0.40	0.40	0.0%
Tl	125128	< 5	< 5	0.0%	125142	< 5	< 5	0.0%	125153	< 5	< 5	0.0%	125168	< 5	< 5	0.0%
U	125128	< 50	< 50	0.0%	125142	< 50	< 50	0.0%	125153	< 50	< 50	0.0%	125168	< 50	< 50	0.0%
V	125128	117	115	1.7%	125142	112	111	0.9%	125153	1.6	1.30	18.2%	125168	132	125	5.4%
W	125128	< 1	< 1	0.0%	125142	< 1	< 1	0.0%	125153	< 1	< 1	0.0%	125168	< 1	< 1	0.0%
Y	125128	13	13	0.0%	125142	15	15	0.0%	125153	2	2	0.0%	125168	16	15	6.5%
Zn	125128	73.7	72.5	1.6%	125142	67.6	67.1	0.7%	125153	2.9	2.53	14.3%	125168	74.4	74.1	0.4%
Zr	125128	109	96	12.7%	125142	79	72	9.3%	125153	< 5	< 5	0.0%	125168	96	94	2.1%

Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	125178	< 0.5	< 0.5	0.0%	125192	< 0.5	< 0.5	0.0%								
Al	125178	3.69	3.60	2.5%	125192	6.78	6.73	0.7%								
As	125178	< 1	< 1	0.0%	125192	< 1	< 1	0.0%								
Ba	125178	800	787	1.6%	125192	317	328	3.4%								
Be	125178	2.7	2.9	7.1%	125192	1.4	1.4	0.0%								
Bi	125178	22	20	9.5%	125192	< 1	< 1	0.0%								
Ca	125178	7.37	7.28	1.2%	125192	3.14	3.23	2.8%								
Cd	125178	< 0.5	< 0.5	0.0%	125192	< 0.5	< 0.5	0.0%								
Ce	125178	101	100	1.0%	125192	41	43	4.8%								
Co	125178	47.7	47.8	0.2%	125192	15.2	15.0	1.3%								
Cr	125178	611	607	0.7%	125192	46.3	45.3	2.2%								
Cu	125178	91.3	87.5	4.3%	125192	12.9	13.4	3.8%								
Fe	125178	7.61	7.49	1.6%	125192	3.92	4.03	2.8%								
Ga	125178	21	22	4.7%	125192	16	17	6.1%								
In	125178	< 1	< 1	0.0%	125192	< 1	< 1	0.0%								
K	125178	2.65	2.59	2.3%	125192	0.886	0.883	0.3%								
La	125178	59	57	3.4%	125192	22	22	0.0%								
Li	125178	40	40	0.0%	125192	22	22	0.0%								
Mg	125178	9.83	9.73	1.0%	125192	1.44	1.44	0.0%								
Mn	125178	1300	1280	1.6%	125192	898	899	0.1%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	125178	4.7	4.5	4.3%	125192	2.0	1.9	5.1%								
Na	125178	0.84	0.82	2.4%	125192	2.83	2.88	1.8%								
Ni	125178	470	466	0.9%	125192	41.7	41.4	0.7%								
P	125178	2640	2620	0.8%	125192	722	741	2.6%								
Pb	125178	< 20	< 20	0.0%	125192	< 20	< 20	0.0%								
Rb	125178	< 50	< 50	0.0%	125192	< 50	< 50	0.0%								
S	125178	0.21	0.20	4.9%	125192	0.04	0.04	0.0%								
Sb	125178	6	6	0.0%	125192	1	< 1									
Sc	125178	22	22	0.0%	125192	14	15	6.9%								
Se	125178	< 10	< 10	0.0%	125192	< 10	< 10	0.0%								
Sn	125178	< 5	< 5	0.0%	125192	< 5	< 5	0.0%								
Sr	125178	823	801	2.7%	125192	413	412	0.2%								
Ta	125178	< 10	< 10	0.0%	125192	< 10	< 10	0.0%								
Te	125178	< 10	< 10	0.0%	125192	< 10	< 10	0.0%								
Th	125178	< 5	< 5	0.0%	125192	4	5	22.2%								
Ti	125178	1.84	1.80	2.2%	125192	0.321	0.328	2.2%								
Tl	125178	< 5	< 5	0.0%	125192	< 5	< 5	0.0%								
U	125178	< 50	< 50	0.0%	125192	< 50	< 50	0.0%								
V	125178	239	236	1.3%	125192	104	106	1.9%								
W	125178	< 1	< 1	0.0%	125192	< 1	< 1	0.0%								
Y	125178	22	21	4.7%	125192	13	13	0.0%								
Zn	125178	72.6	71.1	2.1%	125192	54.8	54.5	0.5%								
Zr	125178	256	259	1.2%	125192	85	90	5.7%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	125128	0.0036	0.0030	18.2%	125142	0.003	0.002		125153	< 0.001	< 0.001	0.0%	125168	0.179	0.256	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	125178	0.003	0.003	0.0%	125192	0.002	0.010									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	11.12	102%	90% - 110%	8.17	8.18	100%	90% - 110%	6.96	6.93	100%	90% - 110%	10.95	11.11	102%	90% - 110%
As					26	23	90%	90% - 110%	124	123	99%	90% - 110%				
Ba	340	321	94%	90% - 110%	540	520	96%	90% - 110%	186	177	95%	90% - 110%	340	329	97%	90% - 110%
Be	2.6	2.7	103%	90% - 110%	4.0	3.8	95%	90% - 110%					2.6	2.8	106%	90% - 110%
Ca	5.72	5.56	97%	90% - 110%	0.907	0.873	96%	90% - 110%	4.01	3.84	96%	90% - 110%	5.72	5.57	97%	90% - 110%
Ce	122	115	94%	90% - 110%	98	90	92%	90% - 110%	24	22	91%	90% - 110%	122	111	91%	90% - 110%
Co									22.1	20	90%	90% - 110%				
Cr					60.3	54.9	91%	90% - 110%								
Cu					150	147	98%	90% - 110%	88.6	82.6	93%	90% - 110%				
Fe	4.34	4.13	95%	90% - 110%	3.77	3.61	96%	90% - 110%	7.56	7.23	96%	90% - 110%	4.34	4.2	97%	90% - 110%
Ga	35	34	97%	90% - 110%									35	34	96%	90% - 110%
K	1.37	1.49	109%	90% - 110%					2.021	2.098	104%	90% - 110%	1.37	1.49	109%	90% - 110%
La	58	55	95%	90% - 110%	44	46	104%	90% - 110%					58	56	97%	90% - 110%
Li	37	39	106%	90% - 110%	47	47	100%	90% - 110%					37	39	106%	90% - 110%
Mg	0.325	0.31	95%	90% - 110%	1.10	1.1	100%	90% - 110%	2.412	2.434	101%	90% - 110%	0.325	0.318	98%	90% - 110%
Mn					780	751	96%	90% - 110%	1510	1445	96%	90% - 110%				
Mo					14	14	99%	90% - 110%								
Na	5.267	5.223	99%	90% - 110%	1.624	1.656	102%	90% - 110%	0.617	0.617	100%	90% - 110%	5.267	5.308	101%	90% - 110%
Ni					32	32	100%	90% - 110%	77.1	71.4	93%	90% - 110%				
P					750	765	102%	90% - 110%	892	910	102%	90% - 110%				
Pb					31	28	90%	90% - 110%								
S									0.348	0.337	97%	90% - 110%				
Sc	1.1	1.1	98%	90% - 110%	12	12	104%	90% - 110%					1.1	1.1	96%	90% - 110%
Sr	1191	1141	96%	90% - 110%	144	147	102%	90% - 110%	92.8	87.2	94%	90% - 110%	1191	1161	97%	90% - 110%
Th					18.4	18.6	101%	90% - 110%								
Ti	0.172	0.167	97%	90% - 110%	0.53	0.48	91%	90% - 110%					0.172	0.168	97%	90% - 110%
V					77	77	101%	90% - 110%								
Y	119	122	103%	90% - 110%									119	126	106%	90% - 110%
Zn	93	90	97%	90% - 110%	130	121	93%	90% - 110%	208	204	98%	90% - 110%	93	95	102%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Parameter	CRM #1 (ref.GSP7M)				CRM #2 (ref.GS5W)				CRM #3 (ref.GSP7M)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.725	0.7	97%	90% - 110%	5.27	4.88	93%	90% - 110%	0.725	0.656	91%	90% - 110%	0.562	0.562	100%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19T455584

PROJECT: AGAT00619

ATTENTION TO: Stephen Brooking

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00620

AGAT WORK ORDER: 19T455594

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: May 01, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T455594

PROJECT: AGAT00620

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 09, 2019

DATE RECEIVED: Apr 10, 2019

DATE REPORTED: May 01, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
Z39270 (125254)		1.43
Z39271 (125255)		2.11
Z39272 (125256)		0.92
Z39273 (125257)		2.00
Z39274 (125258)		2.40
Z39275 (125259)		1.06
Z39276 (125260)		1.94
Z39277 (125261)		1.39
Z39278 (125262)		1.39
Z39279 (125263)		1.74
Z39280 (125264)		1.66
Z39281 (125265)		1.40
Z39282 (125266)		2.36
Z39283 (125267)		2.41
Z39284 (125268)		2.27
Z39285 (125269)		2.33
Z39286 (125270)		0.07
Z39287 (125271)		1.70
Z39288 (125272)		0.67
Z39289 (125273)		2.15
Z39290 (125274)		2.25
Z39291 (125275)		2.36
Z39292 (125276)		1.01
Z39293 (125277)		2.21
Z39294 (125278)		2.48
Z39295 (125279)		2.32
Z39296 (125280)		2.28
Z39297 (125281)		2.29
Z39298 (125282)		2.29
Z39299 (125283)		2.38
Z39300 (125284)		0.87

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T455594

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 09, 2019

DATE RECEIVED: Apr 10, 2019

DATE REPORTED: May 01, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
Z39301 (125285)		1.37
Z39302 (125286)		2.25
Z39303 (125287)		1.98
Z39304 (125288)		2.31
Z39305 (125289)		2.11
Z39306 (125290)		0.07
Z39307 (125291)		2.50
Z39308 (125292)		2.30
Z39309 (125293)		2.35
Z39310 (125294)		2.39
Z39311 (125295)		2.34
Z39312 (125296)		1.05
Z39313 (125297)		2.26
Z39314 (125298)		2.63
Z39315 (125299)		2.42
Z39316 (125300)		2.40
Z39317 (125301)		2.61
Z39318 (125302)		2.61
Z39319 (125303)		2.19
Z39320 (125304)		2.54
Z39321 (125305)		2.45
Z39322 (125306)		2.53
Z39323 (125307)		2.32
Z39324 (125308)		2.43
Z39325 (125309)		2.32
Z39326 (125310)		0.07
Z39327 (125311)		2.37
Z39328 (125312)		2.38
Z39329 (125313)		2.31
Z39330 (125314)		1.94
Z39331 (125315)		2.02

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T455594

PROJECT: AGAT00620

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 09, 2019      DATE RECEIVED: Apr 10, 2019      DATE REPORTED: May 01, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
Z39332 (125316)		0.93
Z39333 (125317)		2.20
Z39334 (125318)		2.20
Z39335 (125319)		2.46
Z39336 (125320)		2.29
Z39337 (125321)		2.29
Z39338 (125322)		2.29
Z39339 (125323)		2.57
Z39340 (125324)		2.50
Z39341 (125325)		1.80
Z39342 (125326)		2.59

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T455594

PROJECT: AGAT00620

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 09, 2019	DATE RECEIVED: Apr 10, 2019							DATE REPORTED: May 01, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z39270 (125254)	<0.5	7.49	<1	864	2.0	<1	2.03	<0.5	48	6.0	37.3	15.0	2.04	19	
Z39271 (125255)	<0.5	7.75	<1	1010	1.8	<1	1.99	<0.5	47	5.3	34.3	17.3	2.03	18	
Z39272 (125256)	<0.5	0.08	5	19	<0.5	<1	30.2	<0.5	<1	<0.5	2.9	<0.5	0.15	<5	
Z39273 (125257)	<0.5	6.96	<1	921	1.7	2	2.01	<0.5	44	5.1	33.6	30.2	1.96	18	
Z39274 (125258)	<0.5	8.00	<1	471	1.7	3	4.41	<0.5	32	18.8	76.5	28.7	3.92	19	
Z39275 (125259)	<0.5	3.46	<1	389	10.2	2	6.83	<0.5	48	49.1	520	37.1	5.95	16	
Z39276 (125260)	<0.5	6.05	<1	327	2.1	<1	3.41	<0.5	30	28.9	364	24.1	3.51	16	
Z39277 (125261)	<0.5	8.15	<1	950	0.9	<1	1.06	<0.5	28	2.7	23.8	15.1	1.24	14	
Z39278 (125262)	<0.5	8.11	2	956	0.9	<1	0.95	<0.5	31	2.0	21.3	15.1	1.23	15	
Z39279 (125263)	<0.5	7.81	<1	132	2.0	2	2.08	<0.5	31	9.6	42.5	32.4	3.46	22	
Z39280 (125264)	<0.5	8.88	3	708	1.3	<1	1.29	<0.5	74	1.3	17.9	16.4	0.91	17	
Z39281 (125265)	<0.5	8.32	<1	336	1.8	<1	1.75	<0.5	39	4.8	26.7	42.4	1.97	19	
Z39282 (125266)	<0.5	8.03	<1	341	1.7	<1	1.89	<0.5	47	5.4	29.6	38.2	1.86	19	
Z39283 (125267)	<0.5	8.18	2	336	1.8	<1	2.09	<0.5	41	5.8	33.8	31.0	1.66	19	
Z39284 (125268)	<0.5	7.73	2	872	1.6	<1	2.05	<0.5	38	5.4	38.0	34.5	1.65	18	
Z39285 (125269)	<0.5	7.94	<1	742	1.7	2	2.25	<0.5	54	10.0	44.5	39.7	2.02	18	
Z39286 (125270)	<0.5	7.49	<1	178	0.5	9	6.12	<0.5	11	36.5	192	102	7.55	24	
Z39287 (125271)	<0.5	8.08	3	717	1.6	<1	2.18	<0.5	47	7.9	33.1	77.3	1.93	19	
Z39288 (125272)	<0.5	8.00	<1	420	1.7	<1	1.95	<0.5	42	4.9	24.5	57.8	1.49	19	
Z39289 (125273)	<0.5	7.79	<1	759	1.3	3	1.81	<0.5	32	4.8	24.6	87.5	1.74	16	
Z39290 (125274)	<0.5	7.97	<1	770	1.5	1	2.06	<0.5	36	4.4	27.5	69.0	1.80	17	
Z39291 (125275)	<0.5	8.01	<1	756	1.6	2	2.09	<0.5	41	5.1	30.7	43.0	1.79	20	
Z39292 (125276)	<0.5	0.07	5	16	<0.5	<1	29.9	<0.5	<1	<0.5	1.5	<0.5	0.12	<5	
Z39293 (125277)	<0.5	8.60	<1	1110	1.8	6	3.13	<0.5	77	9.3	63.8	28.9	3.24	19	
Z39294 (125278)	<0.5	7.85	<1	734	1.7	<1	1.98	<0.5	43	5.0	33.4	54.5	1.87	19	
Z39295 (125279)	<0.5	8.28	<1	812	1.6	2	1.88	<0.5	46	3.4	26.6	52.1	1.70	19	
Z39296 (125280)	<0.5	8.01	2	823	1.8	1	1.93	<0.5	44	5.9	27.5	63.9	1.78	20	
Z39297 (125281)	<0.5	7.93	<1	834	2.0	<1	1.89	<0.5	47	4.9	25.7	43.5	1.66	19	
Z39298 (125282)	<0.5	7.96	<1	842	2.1	<1	1.88	<0.5	45	5.0	24.9	42.3	1.63	20	
Z39299 (125283)	<0.5	8.33	<1	672	2.1	<1	1.93	<0.5	42	4.5	23.2	50.4	1.68	20	
Z39300 (125284)	<0.5	8.01	4	581	2.1	1	1.97	<0.5	50	5.9	36.2	51.6	2.07	20	
Z39301 (125285)	<0.5	6.52	3	549	0.8	<1	0.74	<0.5	17	1.0	12.6	21.7	0.57	13	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T455594

PROJECT: AGAT00620

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MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 09, 2019	DATE RECEIVED: Apr 10, 2019					DATE REPORTED: May 01, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z39302 (125286)	<0.5	8.44	7	476	1.5	<1	1.41	<0.5	5	<0.5	12.4	5.2	0.38	17	
Z39303 (125287)	<0.5	8.04	3	245	1.6	<1	1.62	<0.5	18	0.7	13.8	4.5	0.64	17	
Z39304 (125288)	<0.5	7.94	<1	712	1.8	2	2.43	<0.5	43	5.3	33.3	63.5	2.21	19	
Z39305 (125289)	<0.5	7.45	4	885	1.8	<1	1.95	<0.5	46	5.8	32.4	52.3	1.87	19	
Z39306 (125290)	<0.5	7.25	<1	136	<0.5	8	6.58	<0.5	<1	39.0	185	151	7.88	21	
Z39307 (125291)	<0.5	7.88	<1	770	1.9	1	1.94	<0.5	40	6.0	30.9	90.1	1.85	19	
Z39308 (125292)	<0.5	7.50	<1	836	1.7	1	1.73	<0.5	41	4.5	34.7	59.3	1.74	18	
Z39309 (125293)	<0.5	8.34	<1	849	1.9	1	1.95	<0.5	46	4.7	31.1	35.6	1.86	20	
Z39310 (125294)	<0.5	7.69	<1	775	1.9	1	1.81	0.5	48	6.2	32.5	65.5	1.71	19	
Z39311 (125295)	<0.5	7.46	<1	700	1.8	<1	2.05	<0.5	38	5.1	32.1	81.0	1.74	18	
Z39312 (125296)	<0.5	0.10	3	20	<0.5	<1	31.4	<0.5	<1	<0.5	2.2	<0.5	0.13	<5	
Z39313 (125297)	<0.5	7.77	<1	703	1.9	<1	2.10	<0.5	40	5.1	25.1	110	1.77	20	
Z39314 (125298)	<0.5	8.09	<1	901	1.9	<1	1.89	<0.5	56	6.1	24.5	125	1.78	20	
Z39315 (125299)	<0.5	7.80	1	838	1.9	<1	1.98	<0.5	42	6.6	24.3	113	1.66	20	
Z39316 (125300)	<0.5	8.22	<1	828	1.9	2	2.08	<0.5	46	4.1	23.8	74.3	1.78	19	
Z39317 (125301)	<0.5	7.84	<1	749	1.9	2	2.12	<0.5	43	5.0	27.0	80.8	1.87	19	
Z39318 (125302)	<0.5	7.25	<1	693	2.0	<1	1.92	<0.5	44	5.4	26.4	80.5	1.72	19	
Z39319 (125303)	<0.5	8.05	<1	723	1.9	1	2.00	<0.5	41	4.8	26.0	73.9	1.71	19	
Z39320 (125304)	<0.5	8.19	<1	639	1.8	<1	2.12	<0.5	38	5.6	24.9	112	1.70	18	
Z39321 (125305)	<0.5	7.79	1	780	1.7	1	2.04	<0.5	40	9.0	27.2	184	1.87	20	
Z39322 (125306)	<0.5	7.30	2	844	2.0	<1	1.99	<0.5	38	8.1	58.1	123	2.11	18	
Z39323 (125307)	<0.5	7.90	<1	766	2.0	2	2.20	<0.5	54	4.1	41.1	3.8	2.00	19	
Z39324 (125308)	<0.5	7.70	<1	732	1.9	<1	1.92	<0.5	43	3.4	36.6	21.7	1.73	19	
Z39325 (125309)	<0.5	7.97	<1	880	1.7	2	1.91	<0.5	42	4.3	32.4	46.6	1.93	19	
Z39326 (125310)	<0.5	7.66	<1	183	<0.5	7	6.29	<0.5	11	37.7	181	105	7.74	26	
Z39327 (125311)	<0.5	7.76	<1	738	2.0	<1	1.99	<0.5	37	3.5	30.0	36.8	1.67	18	
Z39328 (125312)	<0.5	7.85	<1	694	2.1	1	2.02	<0.5	43	7.8	29.3	169	1.92	18	
Z39329 (125313)	<0.5	7.74	<1	857	1.8	1	1.70	<0.5	43	7.4	25.3	146	1.94	19	
Z39330 (125314)	<0.5	7.68	<1	637	2.1	<1	2.01	<0.5	42	5.1	24.2	126	1.74	18	
Z39331 (125315)	<0.5	7.86	<1	857	1.8	<1	1.88	<0.5	42	4.4	23.1	121	1.77	17	
Z39332 (125316)	<0.5	0.09	<1	16	<0.5	<1	28.0	<0.5	<1	0.7	0.6	3.0	0.17	<5	
Z39333 (125317)	<0.5	7.58	<1	918	1.9	2	1.98	<0.5	38	8.1	22.9	183	2.05	18	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T455594

PROJECT: AGAT00620

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 09, 2019		DATE RECEIVED: Apr 10, 2019					DATE REPORTED: May 01, 2019					SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
Z39334 (125318)		<0.5	7.51	<1	722	1.9	<1	1.96	<0.5	40	5.8	23.3	158	1.77	18
Z39335 (125319)		<0.5	7.98	<1	818	1.8	<1	2.04	<0.5	48	5.0	26.7	159	1.86	19
Z39336 (125320)		<0.5	7.60	<1	805	2.0	1	2.00	<0.5	40	5.1	23.4	173	1.86	18
Z39337 (125321)		<0.5	7.79	<1	860	2.7	1	2.33	<0.5	41	6.6	31.2	207	2.01	19
Z39338 (125322)		<0.5	7.09	<1	782	2.6	2	2.18	<0.5	39	6.4	33.7	188	1.88	17
Z39339 (125323)		<0.5	3.31	<1	747	6.5	14	6.81	<0.5	93	41.9	525	93.8	5.73	17
Z39340 (125324)		<0.5	8.46	16	3000	2.7	<1	1.88	<0.5	324	0.5	29.3	17.3	2.03	19
Z39341 (125325)		<0.5	7.76	4	804	1.6	<1	1.26	<0.5	40	<0.5	24.3	7.0	0.81	17
Z39342 (125326)		<0.5	7.63	<1	390	1.9	<1	1.79	<0.5	35	6.6	25.5	184	1.75	18

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## Certificate of Analysis

AGAT WORK ORDER: 19T455594

PROJECT: AGAT00620

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 09, 2019

DATE RECEIVED: Apr 10, 2019

DATE REPORTED: May 01, 2019

SAMPLE TYPE: Drill Core

Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
Z39270 (125254)	<1	1.75	22	19	0.85	441	6.3	3.38	21.3	592	<20	<50	0.28	<1
Z39271 (125255)	<1	2.04	22	20	0.84	398	6.2	3.46	19.6	586	<20	<50	0.32	2
Z39272 (125256)	<1	0.02	2	1	1.85	110	1.9	0.04	0.7	89	<20	<50	0.21	<1
Z39273 (125257)	<1	1.92	21	21	0.78	361	6.5	3.12	18.7	531	<20	<50	0.36	<1
Z39274 (125258)	<1	1.36	16	26	2.37	1010	4.5	3.55	51.4	420	<20	<50	0.22	4
Z39275 (125259)	<1	2.22	25	133	7.87	1520	3.7	2.18	632	158	<20	<50	0.04	<1
Z39276 (125260)	<1	2.28	16	60	5.94	800	4.0	2.49	534	298	<20	<50	0.13	<1
Z39277 (125261)	<1	5.56	15	20	0.50	191	6.4	2.72	23.5	348	<20	<50	0.07	<1
Z39278 (125262)	<1	5.62	16	19	0.40	178	7.2	2.66	13.0	351	<20	<50	0.08	3
Z39279 (125263)	<1	1.69	16	50	1.55	697	6.5	3.78	31.5	492	<20	<50	0.15	2
Z39280 (125264)	<1	4.65	37	10	0.19	128	5.4	3.41	6.4	384	22	<50	0.07	2
Z39281 (125265)	<1	2.00	20	20	0.47	265	6.3	3.94	14.7	417	<20	<50	0.23	3
Z39282 (125266)	<1	1.33	23	27	0.71	268	5.0	4.05	18.1	493	<20	<50	0.26	3
Z39283 (125267)	<1	1.35	20	25	0.78	250	5.9	4.21	19.3	608	<20	<50	0.31	<1
Z39284 (125268)	<1	1.86	18	18	0.76	245	7.0	3.68	18.5	535	<20	<50	0.45	<1
Z39285 (125269)	<1	1.78	26	24	1.04	317	4.7	3.82	22.2	676	<20	<50	0.39	2
Z39286 (125270)	<1	0.44	10	10	4.38	1330	3.0	2.40	105	896	<20	<50	0.10	2
Z39287 (125271)	<1	1.73	22	30	0.89	265	6.0	3.89	24.3	580	<20	<50	0.48	2
Z39288 (125272)	<1	1.27	20	32	0.69	186	10.9	4.21	16.3	507	<20	<50	0.22	1
Z39289 (125273)	<1	1.80	15	39	0.77	201	12.1	3.78	18.8	462	<20	<50	0.35	<1
Z39290 (125274)	<1	1.75	17	28	0.83	247	4.9	3.85	20.1	558	<20	<50	0.25	<1
Z39291 (125275)	<1	1.78	19	29	0.82	240	4.5	3.95	20.7	655	<20	<50	0.17	2
Z39292 (125276)	<1	0.01	2	1	2.66	115	1.3	0.04	0.6	85	<20	<50	0.19	<1
Z39293 (125277)	<1	2.21	36	37	1.69	592	6.4	3.84	34.5	1050	<20	<50	0.16	3
Z39294 (125278)	<1	1.86	21	30	0.72	233	6.8	4.00	15.2	557	<20	<50	0.41	1
Z39295 (125279)	<1	2.05	22	28	0.67	206	14.1	4.03	11.2	531	<20	<50	0.39	2
Z39296 (125280)	<1	1.93	20	18	0.62	240	6.2	3.88	11.4	535	<20	<50	0.47	4
Z39297 (125281)	<1	1.71	22	18	0.58	228	9.0	4.12	10.9	503	<20	<50	0.37	2
Z39298 (125282)	<1	1.72	22	18	0.57	224	8.6	4.01	11.1	518	<20	<50	0.38	4
Z39299 (125283)	<1	1.41	20	24	0.61	220	9.3	4.35	10.3	505	<20	<50	0.31	1
Z39300 (125284)	<1	1.41	24	23	0.79	400	41.2	4.15	14.6	642	<20	<50	0.28	3
Z39301 (125285)	<1	4.25	8	3	0.07	67	5.9	2.35	4.1	488	23	<50	0.06	<1

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## Certificate of Analysis

AGAT WORK ORDER: 19T455594

PROJECT: AGAT00620

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 09, 2019	DATE RECEIVED: Apr 10, 2019					DATE REPORTED: May 01, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
Z39302 (125286)	<1	3.14	3	3	0.06	57	4.6	4.10	2.0	166	<20	<50	<0.01	1	
Z39303 (125287)	<1	2.04	9	8	0.14	101	4.5	4.29	2.3	257	<20	<50	<0.01	1	
Z39304 (125288)	<1	1.58	22	18	0.93	413	5.0	4.14	17.5	588	<20	<50	0.22	2	
Z39305 (125289)	<1	1.66	24	21	0.99	331	4.4	3.61	21.6	614	<20	<50	0.12	<1	
Z39306 (125290)	<1	0.20	4	11	4.39	1400	2.4	2.41	85.6	405	<20	<50	0.18	4	
Z39307 (125291)	<1	1.69	19	15	0.73	278	6.1	3.99	14.5	555	<20	<50	0.26	1	
Z39308 (125292)	<1	2.01	20	26	0.65	263	7.7	3.74	13.1	516	<20	<50	0.16	<1	
Z39309 (125293)	<1	2.15	21	33	0.75	306	6.2	4.15	13.8	563	<20	<50	0.10	<1	
Z39310 (125294)	<1	1.87	23	34	0.69	262	6.9	4.00	15.1	555	<20	<50	0.19	<1	
Z39311 (125295)	<1	1.92	17	29	0.72	291	6.9	4.25	12.6	515	<20	<50	0.22	1	
Z39312 (125296)	<1	0.03	2	1	1.93	118	1.5	0.34	1.1	88	<20	<50	0.25	<1	
Z39313 (125297)	<1	1.76	20	30	0.72	254	4.9	4.32	14.8	538	<20	<50	0.27	3	
Z39314 (125298)	<1	2.11	28	34	0.75	236	5.0	4.36	13.6	561	<20	<50	0.35	2	
Z39315 (125299)	<1	2.02	20	24	0.66	258	4.8	4.21	13.3	543	<20	<50	0.37	1	
Z39316 (125300)	<1	1.86	22	24	0.76	298	4.1	4.28	13.3	557	<20	<50	0.21	2	
Z39317 (125301)	<1	1.73	19	28	0.75	316	5.0	3.97	15.1	546	<20	<50	0.25	2	
Z39318 (125302)	<1	1.59	20	25	0.70	293	4.7	3.82	15.1	549	<20	<50	0.24	<1	
Z39319 (125303)	<1	1.77	20	28	0.72	279	4.1	4.22	13.4	546	<20	<50	0.19	2	
Z39320 (125304)	<1	1.81	20	32	0.79	236	3.6	6.03	13.3	557	<20	<50	0.34	<1	
Z39321 (125305)	<1	1.91	21	31	0.80	249	4.3	5.46	16.0	546	<20	<50	0.53	5	
Z39322 (125306)	<1	1.94	19	32	0.98	359	6.1	3.80	20.4	542	<20	<50	0.30	2	
Z39323 (125307)	<1	2.38	25	30	0.99	382	7.7	3.96	19.8	596	<20	<50	0.01	1	
Z39324 (125308)	<1	1.77	21	33	0.74	289	8.8	4.07	14.2	586	<20	<50	0.03	1	
Z39325 (125309)	<1	1.98	21	39	0.84	327	7.9	3.99	15.5	555	<20	<50	0.06	<1	
Z39326 (125310)	<1	0.45	10	10	4.51	1360	2.6	2.49	108	892	<20	<50	0.09	1	
Z39327 (125311)	<1	1.82	17	30	0.74	300	7.1	4.20	13.7	557	<20	<50	0.05	2	
Z39328 (125312)	<1	1.74	21	30	0.70	287	6.8	4.20	18.1	548	<20	<50	0.28	1	
Z39329 (125313)	<1	2.06	22	43	0.81	251	4.5	3.91	15.9	553	<20	<50	0.28	<1	
Z39330 (125314)	<1	1.64	20	33	0.73	281	4.8	4.00	13.1	532	<20	<50	0.19	<1	
Z39331 (125315)	<1	1.83	21	28	0.74	275	5.2	4.12	11.5	520	<20	<50	0.17	<1	
Z39332 (125316)	<1	0.02	3	1	3.05	122	1.4	0.13	0.8	75	<20	<50	0.21	<1	
Z39333 (125317)	<1	1.98	20	36	0.78	306	4.5	3.78	15.3	478	<20	<50	0.40	1	

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## Certificate of Analysis

AGAT WORK ORDER: 19T455594

PROJECT: AGAT00620

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 09, 2019	DATE RECEIVED: Apr 10, 2019					DATE REPORTED: May 01, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
Z39334 (125318)	<1	1.60	20	23	0.69	291	4.5	3.86	12.7	498	<20	<50	0.29	1	
Z39335 (125319)	<1	1.74	24	26	0.72	308	4.7	4.24	13.4	528	<20	<50	0.31	3	
Z39336 (125320)	<1	1.59	20	18	0.71	319	5.4	3.90	13.2	501	<20	<50	0.35	<1	
Z39337 (125321)	<1	1.65	19	22	0.89	347	6.4	4.28	19.7	646	<20	<50	0.35	<1	
Z39338 (125322)	<1	1.52	18	21	0.83	325	8.5	3.96	18.9	593	<20	<50	0.35	<1	
Z39339 (125323)	<1	2.07	51	103	7.92	1090	5.0	2.87	418	1660	<20	<50	0.23	<1	
Z39340 (125324)	<1	4.23	171	13	0.61	263	4.1	3.77	19.5	1750	<20	<50	0.17	1	
Z39341 (125325)	<1	3.11	20	6	0.15	90	5.9	3.93	3.9	913	<20	<50	<0.01	<1	
Z39342 (125326)	<1	1.25	16	20	0.81	306	9.7	4.08	19.5	547	<20	<50	0.34	<1	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 09, 2019	DATE RECEIVED: Apr 10, 2019					DATE REPORTED: May 01, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Z39270 (125254)	6	<10	<5	618	<10	<10	7	0.20	<5	<50	46.1	<1	12	60.9	
Z39271 (125255)	5	<10	<5	647	<10	<10	7	0.20	<5	<50	40.6	<1	11	81.5	
Z39272 (125256)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	2.0	
Z39273 (125257)	5	<10	<5	539	<10	<10	7	0.19	<5	<50	38.7	<1	10	72.9	
Z39274 (125258)	22	<10	<5	464	<10	<10	<5	0.30	<5	<50	130	<1	16	85.2	
Z39275 (125259)	21	<10	<5	449	<10	<10	<5	0.42	<5	<50	169	<1	21	80.7	
Z39276 (125260)	11	<10	<5	212	<10	<10	<5	0.17	<5	<50	52.1	<1	7	118	
Z39277 (125261)	3	<10	<5	276	<10	<10	9	0.07	<5	<50	11.0	<1	3	46.3	
Z39278 (125262)	3	<10	<5	273	<10	<10	10	0.07	<5	<50	10.1	<1	3	45.1	
Z39279 (125263)	10	<10	<5	300	<10	<10	<5	0.22	<5	<50	55.4	<1	9	154	
Z39280 (125264)	2	<10	<5	257	<10	<10	17	0.05	<5	<50	6.0	<1	5	42.0	
Z39281 (125265)	3	<10	<5	269	<10	<10	7	0.13	<5	<50	14.7	<1	4	69.7	
Z39282 (125266)	4	<10	<5	433	<10	<10	8	0.18	<5	<50	31.5	<1	6	58.8	
Z39283 (125267)	4	<10	<5	630	<10	<10	6	0.18	<5	<50	35.4	<1	7	39.7	
Z39284 (125268)	5	<10	<5	705	<10	<10	5	0.17	<5	<50	35.4	<1	8	30.4	
Z39285 (125269)	6	<10	<5	741	<10	<10	7	0.21	<5	<50	47.6	<1	10	40.5	
Z39286 (125270)	34	<10	<5	254	<10	<10	<5	0.85	<5	<50	237	<1	23	84.0	
Z39287 (125271)	5	<10	<5	763	<10	<10	5	0.20	<5	<50	38.1	<1	10	34.5	
Z39288 (125272)	5	<10	<5	737	<10	<10	6	0.16	<5	<50	30.2	<1	8	29.6	
Z39289 (125273)	3	<10	<5	685	<10	<10	<5	0.19	<5	<50	29.9	<1	6	33.5	
Z39290 (125274)	4	<10	<5	741	<10	<10	5	0.19	<5	<50	34.5	<1	8	34.0	
Z39291 (125275)	5	<10	<5	819	<10	<10	6	0.20	<5	<50	38.5	<1	9	34.9	
Z39292 (125276)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	0.9	<1	2	3.3	
Z39293 (125277)	9	<10	<5	884	<10	<10	5	0.35	<5	<50	79.1	<1	13	63.6	
Z39294 (125278)	6	<10	<5	808	<10	<10	7	0.19	<5	<50	37.9	<1	9	36.2	
Z39295 (125279)	4	<10	<5	813	<10	<10	5	0.19	<5	<50	32.1	<1	8	37.2	
Z39296 (125280)	4	<10	<5	807	<10	<10	5	0.19	<5	<50	33.7	<1	9	33.4	
Z39297 (125281)	4	<10	<5	790	<10	<10	7	0.18	<5	<50	31.3	<1	8	34.3	
Z39298 (125282)	4	<10	<5	783	<10	<10	7	0.17	<5	<50	31.6	<1	8	34.5	
Z39299 (125283)	4	<10	<5	770	<10	<10	6	0.18	<5	<50	31.3	<1	8	38.5	
Z39300 (125284)	5	<10	<5	567	<10	<10	8	0.19	<5	<50	38.9	<1	11	75.2	
Z39301 (125285)	<1	<10	<5	182	<10	<10	<5	0.02	<5	<50	3.5	<1	5	34.1	

Certified By:



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AGAT WORK ORDER: 19T455594

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 09, 2019	DATE RECEIVED: Apr 10, 2019					DATE REPORTED: May 01, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Z39302 (125286)	<1	<10	<5	230	<10	<10	<5	<0.01	<5	<50	1.5	<1	2	7.3	
Z39303 (125287)	1	<10	<5	221	<10	<10	<5	0.03	<5	<50	4.6	<1	4	16.1	
Z39304 (125288)	6	<10	<5	775	<10	<10	7	0.23	<5	<50	49.2	<1	11	60.1	
Z39305 (125289)	6	<10	<5	713	<10	<10	8	0.22	<5	<50	46.9	<1	10	53.8	
Z39306 (125290)	45	<10	<5	116	<10	<10	<5	0.68	<5	<50	305	<1	23	75.8	
Z39307 (125291)	5	<10	<5	745	<10	<10	6	0.20	<5	<50	39.7	<1	10	44.4	
Z39308 (125292)	5	<10	<5	687	<10	<10	6	0.18	<5	<50	34.3	<1	8	42.4	
Z39309 (125293)	5	<10	<5	774	<10	<10	6	0.20	<5	<50	37.8	<1	10	48.6	
Z39310 (125294)	5	<10	<5	686	<10	<10	7	0.19	<5	<50	39.5	<1	10	45.3	
Z39311 (125295)	7	<10	<5	690	<10	<10	8	0.17	<5	<50	42.0	<1	10	41.9	
Z39312 (125296)	<1	<10	<5	78	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	2.9	
Z39313 (125297)	5	<10	<5	747	<10	<10	6	0.19	<5	<50	39.8	<1	8	44.3	
Z39314 (125298)	5	<10	<5	758	<10	<10	8	0.19	<5	<50	40.0	<1	7	43.2	
Z39315 (125299)	5	<10	<5	724	<10	<10	10	0.17	<5	<50	34.7	<1	9	36.1	
Z39316 (125300)	5	<10	<5	788	<10	<10	6	0.21	<5	<50	40.9	<1	10	48.9	
Z39317 (125301)	5	<10	<5	750	<10	<10	5	0.21	<5	<50	41.3	<1	10	47.7	
Z39318 (125302)	6	<10	<5	720	<10	<10	6	0.19	<5	<50	41.9	1	11	46.8	
Z39319 (125303)	6	<10	<5	776	<10	<10	6	0.20	<5	<50	40.0	<1	10	48.2	
Z39320 (125304)	5	<10	<5	801	<10	<10	7	0.19	<5	<50	31.9	<1	7	48.9	
Z39321 (125305)	6	<10	<5	779	<10	<10	7	0.20	<5	<50	41.6	<1	8	48.2	
Z39322 (125306)	6	<10	<5	687	<10	<10	6	0.19	<5	<50	44.0	<1	8	57.1	
Z39323 (125307)	8	<10	<5	715	<10	<10	10	0.21	<5	<50	47.5	<1	11	54.1	
Z39324 (125308)	6	<10	<5	756	<10	<10	6	0.20	<5	<50	43.5	<1	9	47.7	
Z39325 (125309)	6	<10	<5	758	<10	<10	6	0.22	<5	<50	44.3	<1	9	50.8	
Z39326 (125310)	35	<10	<5	262	<10	<10	<5	0.88	<5	<50	245	<1	24	86.0	
Z39327 (125311)	6	<10	<5	689	<10	<10	7	0.19	<5	<50	38.4	<1	9	41.3	
Z39328 (125312)	6	<10	<5	706	<10	<10	6	0.20	<5	<50	38.7	<1	10	43.5	
Z39329 (125313)	6	<10	<5	695	<10	<10	6	0.21	<5	<50	42.3	<1	6	54.9	
Z39330 (125314)	6	<10	<5	698	<10	<10	6	0.19	<5	<50	38.4	<1	11	48.8	
Z39331 (125315)	4	<10	<5	720	<10	<10	6	0.20	<5	<50	35.3	<1	8	51.6	
Z39332 (125316)	<1	<10	<5	63	<10	<10	<5	<0.01	<5	<50	1.5	<1	2	3.7	
Z39333 (125317)	7	<10	<5	693	<10	<10	<5	0.20	<5	<50	43.0	<1	8	55.4	

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## Certificate of Analysis

AGAT WORK ORDER: 19T455594

PROJECT: AGAT00620

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 09, 2019	DATE RECEIVED: Apr 10, 2019					DATE REPORTED: May 01, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Z39334 (125318)	5	<10	<5	701	<10	<10	6	0.19	<5	<50	39.8	<1	9	49.1	
Z39335 (125319)	5	<10	<5	727	<10	<10	6	0.20	<5	<50	40.5	<1	8	50.2	
Z39336 (125320)	5	<10	<5	704	<10	<10	6	0.20	<5	<50	42.0	<1	9	46.1	
Z39337 (125321)	7	<10	<5	745	<10	<10	8	0.25	<5	<50	50.9	<1	12	39.1	
Z39338 (125322)	7	<10	<5	693	<10	<10	8	0.24	<5	<50	48.4	<1	11	36.2	
Z39339 (125323)	21	<10	<5	854	<10	<10	10	1.08	<5	<50	192	4	23	49.6	
Z39340 (125324)	6	<10	<5	456	<10	<10	59	0.14	<5	<50	42.9	<1	22	27.9	
Z39341 (125325)	1	<10	<5	240	<10	<10	8	0.03	<5	<50	5.9	<1	9	15.9	
Z39342 (125326)	5	<10	<5	610	<10	<10	7	0.18	<5	<50	35.7	3	7	54.8	

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PROJECT: AGAT00620

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 09, 2019      DATE RECEIVED: Apr 10, 2019      DATE REPORTED: May 01, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
Z39270 (125254)			101
Z39271 (125255)			103
Z39272 (125256)			<5
Z39273 (125257)			96
Z39274 (125258)			77
Z39275 (125259)			120
Z39276 (125260)			67
Z39277 (125261)			23
Z39278 (125262)			18
Z39279 (125263)			80
Z39280 (125264)			27
Z39281 (125265)			77
Z39282 (125266)			87
Z39283 (125267)			94
Z39284 (125268)			86
Z39285 (125269)			107
Z39286 (125270)			91
Z39287 (125271)			83
Z39288 (125272)			92
Z39289 (125273)			77
Z39290 (125274)			82
Z39291 (125275)			85
Z39292 (125276)			<5
Z39293 (125277)			100
Z39294 (125278)			97
Z39295 (125279)			88
Z39296 (125280)			95
Z39297 (125281)			98
Z39298 (125282)			95
Z39299 (125283)			93
Z39300 (125284)			99
Z39301 (125285)			<5

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## Certificate of Analysis

AGAT WORK ORDER: 19T455594

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 09, 2019      DATE RECEIVED: Apr 10, 2019      DATE REPORTED: May 01, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
Z39302 (125286)				<5
Z39303 (125287)				6
Z39304 (125288)				91
Z39305 (125289)				102
Z39306 (125290)				53
Z39307 (125291)				97
Z39308 (125292)				86
Z39309 (125293)				96
Z39310 (125294)				103
Z39311 (125295)				87
Z39312 (125296)				<5
Z39313 (125297)				103
Z39314 (125298)				91
Z39315 (125299)				81
Z39316 (125300)				81
Z39317 (125301)				80
Z39318 (125302)				83
Z39319 (125303)				85
Z39320 (125304)				88
Z39321 (125305)				92
Z39322 (125306)				82
Z39323 (125307)				102
Z39324 (125308)				100
Z39325 (125309)				93
Z39326 (125310)				96
Z39327 (125311)				89
Z39328 (125312)				84
Z39329 (125313)				95
Z39330 (125314)				86
Z39331 (125315)				76
Z39332 (125316)				<5
Z39333 (125317)				73

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AGAT WORK ORDER: 19T455594

PROJECT: AGAT00620

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 09, 2019      DATE RECEIVED: Apr 10, 2019      DATE REPORTED: May 01, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
Z39334 (125318)				80
Z39335 (125319)				86
Z39336 (125320)				85
Z39337 (125321)				107
Z39338 (125322)				94
Z39339 (125323)				165
Z39340 (125324)				68
Z39341 (125325)				6
Z39342 (125326)				93

Comments: RDL - Reported Detection Limit  
125254-125326 As, Sb values may be low due to digestion losses.

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AGAT WORK ORDER: 19T455594

PROJECT: AGAT00620

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 09, 2019      DATE RECEIVED: Apr 10, 2019      DATE REPORTED: May 01, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
Z39270 (125254)			0.029
Z39271 (125255)			0.004
Z39272 (125256)			0.002
Z39273 (125257)			0.005
Z39274 (125258)			0.028
Z39275 (125259)			0.006
Z39276 (125260)			0.007
Z39277 (125261)			0.006
Z39278 (125262)			0.007
Z39279 (125263)			0.005
Z39280 (125264)			0.005
Z39281 (125265)			0.012
Z39282 (125266)			0.025
Z39283 (125267)			0.027
Z39284 (125268)			0.023
Z39285 (125269)			0.014
Z39286 (125270)			0.343
Z39287 (125271)			0.020
Z39288 (125272)			0.011
Z39289 (125273)			0.015
Z39290 (125274)			0.010
Z39291 (125275)			0.009
Z39292 (125276)			0.001
Z39293 (125277)			0.061
Z39294 (125278)			0.036
Z39295 (125279)			0.020
Z39296 (125280)			0.015
Z39297 (125281)			0.010
Z39298 (125282)			0.010
Z39299 (125283)			0.009
Z39300 (125284)			0.007
Z39301 (125285)			0.007

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## Certificate of Analysis

AGAT WORK ORDER: 19T455594

PROJECT: AGAT00620

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 09, 2019

DATE RECEIVED: Apr 10, 2019

DATE REPORTED: May 01, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
Z39302 (125286)			0.002
Z39303 (125287)			0.002
Z39304 (125288)			0.026
Z39305 (125289)			0.018
Z39306 (125290)			0.501
Z39307 (125291)			0.025
Z39308 (125292)			0.008
Z39309 (125293)			0.008
Z39310 (125294)			0.010
Z39311 (125295)			0.016
Z39312 (125296)			0.001
Z39313 (125297)			0.044
Z39314 (125298)			0.032
Z39315 (125299)			0.015
Z39316 (125300)			0.008
Z39317 (125301)			0.011
Z39318 (125302)			0.009
Z39319 (125303)			0.008
Z39320 (125304)			0.012
Z39321 (125305)			0.028
Z39322 (125306)			0.197
Z39323 (125307)			0.002
Z39324 (125308)			0.004
Z39325 (125309)			0.006
Z39326 (125310)			0.326
Z39327 (125311)			0.005
Z39328 (125312)			0.052
Z39329 (125313)			0.018
Z39330 (125314)			0.015
Z39331 (125315)			0.010
Z39332 (125316)			0.002
Z39333 (125317)			0.014

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## Certificate of Analysis

AGAT WORK ORDER: 19T455594

PROJECT: AGAT00620

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 09, 2019

DATE RECEIVED: Apr 10, 2019

DATE REPORTED: May 01, 2019

SAMPLE TYPE: Drill Core

Analyte:	Au
Unit:	ppm
RDL:	0.001
Sample ID (AGAT ID)	
Z39334 (125318)	0.011
Z39335 (125319)	0.011
Z39336 (125320)	0.386
Z39337 (125321)	0.049
Z39338 (125322)	0.022
Z39339 (125323)	0.006
Z39340 (125324)	0.006
Z39341 (125325)	0.006
Z39342 (125326)	0.012

Comments: RDL - Reported Detection Limit

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T455594

PROJECT: AGAT00620

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 09, 2019

DATE RECEIVED: Apr 10, 2019

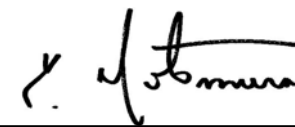
DATE REPORTED: May 01, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
Z39270 (125254)		88
Z39289 (125273)		91
Z39309 (125293)		89
Z39325 (125309)		93
Z39329 (125313)		91

Comments: RDL - Reported Detection Limit

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T455594

PROJECT: AGAT00620

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 09, 2019

DATE RECEIVED: Apr 10, 2019

DATE REPORTED: May 01, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
Z39270 (125254)		97
Z39293 (125277)		98.1
Z39295 (125279)		99
Z39323 (125307)		97

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	125254	< 0.5	< 0.5	0.0%	125268	< 0.5	< 0.5	0.0%	125279	< 0.5	< 0.5	0.0%	125293	< 0.5	< 0.5	0.0%
Al	125254	7.49	7.35	1.9%	125268	7.73	7.95	2.8%	125279	8.28	7.92	4.4%	125293	8.34	7.91	5.3%
As	125254	< 1	< 1	0.0%	125268	2	< 1		125279	< 1	< 1	0.0%	125293	< 1	< 1	0.0%
Ba	125254	864	851	1.5%	125268	872	902	3.4%	125279	812	820	1.0%	125293	849	807	5.1%
Be	125254	2.0	1.8	10.5%	125268	1.58	1.53	3.2%	125279	1.6	1.8	11.8%	125293	1.9	2.0	5.1%
Bi	125254	< 1	1		125268	< 1	3		125279	2	< 1		125293	1	2	
Ca	125254	2.03	1.94	4.5%	125268	2.05	2.12	3.4%	125279	1.88	1.82	3.2%	125293	1.95	1.88	3.7%
Cd	125254	< 0.5	< 0.5	0.0%	125268	< 0.5	0.5		125279	< 0.5	< 0.5	0.0%	125293	< 0.5	< 0.5	0.0%
Ce	125254	48	45	6.5%	125268	38	39	2.6%	125279	46	47	2.2%	125293	46	47	2.2%
Co	125254	6.0	5.4	10.5%	125268	5.4	4.6	16.0%	125279	3.42	4.06	17.1%	125293	4.71	4.89	3.8%
Cr	125254	37.3	34.7	7.2%	125268	38.0	28.8	27.5%	125279	26.6	30.1	12.3%	125293	31.1	31.9	2.5%
Cu	125254	15.0	12.0	22.2%	125268	34.5	34.7	0.6%	125279	52.1	51.7	0.8%	125293	35.6	34.4	3.4%
Fe	125254	2.04	1.99	2.5%	125268	1.65	1.69	2.4%	125279	1.70	1.67	1.8%	125293	1.86	1.76	5.5%
Ga	125254	19	18	5.4%	125268	18	18	0.0%	125279	19	20	5.1%	125293	20	19	5.1%
In	125254	< 1	< 1	0.0%	125268	< 1	< 1	0.0%	125279	< 1	< 1	0.0%	125293	< 1	< 1	0.0%
K	125254	1.75	1.71	2.3%	125268	1.86	1.91	2.7%	125279	2.05	1.97	4.0%	125293	2.15	2.01	6.7%
La	125254	22	21	4.7%	125268	18	18	0.0%	125279	22	23	4.4%	125293	21	22	4.7%
Li	125254	19	19	0.0%	125268	18	19	5.4%	125279	28	26	7.4%	125293	33	31	6.3%
Mg	125254	0.849	0.820	3.5%	125268	0.760	0.785	3.2%	125279	0.669	0.624	7.0%	125293	0.751	0.713	5.2%
Mn	125254	441	428	3.0%	125268	245	250	2.0%	125279	206	204	1.0%	125293	306	291	5.0%
Mo	125254	6.3	6.8	7.6%	125268	7.0	5.8	18.8%	125279	14.1	16.5	15.7%	125293	6.2	6.5	4.7%
Na	125254	3.38	3.27	3.3%	125268	3.68	3.79	2.9%	125279	4.03	3.93	2.5%	125293	4.15	4.08	1.7%
Ni	125254	21.3	19.9	6.8%	125268	18.5	18.3	1.1%	125279	11.2	12.4	10.2%	125293	13.8	14.2	2.9%
P	125254	592	565	4.7%	125268	535	519	3.0%	125279	531	581	9.0%	125293	563	563	0.0%
Pb	125254	< 20	< 20	0.0%	125268	< 20	< 20	0.0%	125279	< 20	< 20	0.0%	125293	< 20	< 20	0.0%
Rb	125254	< 50	< 50	0.0%	125268	< 50	< 50	0.0%	125279	< 50	< 50	0.0%	125293	< 50	< 50	0.0%
S	125254	0.28	0.26	7.4%	125268	0.45	0.45	0.0%	125279	0.395	0.444	11.7%	125293	0.10	0.09	10.5%
Sb	125254	< 1	1		125268	< 1	< 1	0.0%	125279	2	< 1		125293	< 1	< 1	0.0%
Sc	125254	6	6	0.0%	125268	5	5	0.0%	125279	4	4	0.0%	125293	5	5	0.0%
Se	125254	< 10	< 10	0.0%	125268	< 10	< 10	0.0%	125279	< 10	< 10	0.0%	125293	< 10	< 10	0.0%
Sn	125254	< 5	< 5	0.0%	125268	< 5	< 5	0.0%	125279	< 5	< 5	0.0%	125293	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	125254	618	612	1.0%	125268	705	735	4.2%	125279	813	798	1.9%	125293	774	748	3.4%
Ta	125254	< 10	< 10	0.0%	125268	< 10	< 10	0.0%	125279	< 10	< 10	0.0%	125293	< 10	< 10	0.0%
Te	125254	< 10	< 10	0.0%	125268	< 10	< 10	0.0%	125279	< 10	< 10	0.0%	125293	< 10	< 10	0.0%
Th	125254	7	7	0.0%	125268	5	5	0.0%	125279	5	7		125293	6	7	15.4%
Ti	125254	0.199	0.192	3.6%	125268	0.174	0.179	2.8%	125279	0.19	0.19	0.0%	125293	0.20	0.20	0.0%
Tl	125254	< 5	< 5	0.0%	125268	< 5	< 5	0.0%	125279	< 5	< 5	0.0%	125293	< 5	< 5	0.0%
U	125254	< 50	< 50	0.0%	125268	< 50	< 50	0.0%	125279	< 50	< 50	0.0%	125293	< 50	< 50	0.0%
V	125254	46.1	42.1	9.1%	125268	35.4	34.8	1.7%	125279	32.1	34.6	7.5%	125293	37.8	38.5	1.8%
W	125254	< 1	< 1	0.0%	125268	< 1	< 1	0.0%	125279	< 1	< 1	0.0%	125293	< 1	< 1	0.0%
Y	125254	12	11	8.7%	125268	8	8	0.0%	125279	8	8	0.0%	125293	10	10	0.0%
Zn	125254	60.9	59.3	2.7%	125268	30.4	30.3	0.3%	125279	37.2	35.5	4.7%	125293	48.6	46.4	4.6%
Zr	125254	101	98	3.0%	125268	86	85	1.2%	125279	88	92	4.4%	125293	96	91	5.3%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	125304	< 0.5	< 0.5	0.0%	125318	< 0.5	< 0.5	0.0%								
Al	125304	8.19	7.96	2.8%	125318	7.51	7.40	1.5%								
As	125304	< 1	< 1	0.0%	125318	< 1	1									
Ba	125304	639	629	1.6%	125318	722	710	1.7%								
Be	125304	1.8	1.8	0.0%	125318	1.88	1.84	2.2%								
Bi	125304	< 1	< 1	0.0%	125318	< 1	1									
Ca	125304	2.12	2.10	0.9%	125318	1.96	1.97	0.5%								
Cd	125304	< 0.5	< 0.5	0.0%	125318	< 0.5	< 0.5	0.0%								
Ce	125304	38	39	2.6%	125318	40	38	5.1%								
Co	125304	5.6	5.6	0.0%	125318	5.76	5.38	6.8%								
Cr	125304	24.9	24.2	2.9%	125318	23.3	22.9	1.7%								
Cu	125304	112	111	0.9%	125318	158	156	1.3%								
Fe	125304	1.70	1.68	1.2%	125318	1.77	1.75	1.1%								
Ga	125304	18	18	0.0%	125318	18	17	5.7%								
In	125304	< 1	< 1	0.0%	125318	< 1	< 1	0.0%								
K	125304	1.81	1.77	2.2%	125318	1.60	1.58	1.3%								
La	125304	20	20	0.0%	125318	20	18	10.5%								
Li	125304	32	32	0.0%	125318	23	23	0.0%								
Mg	125304	0.786	0.781	0.6%	125318	0.69	0.68	1.5%								
Mn	125304	236	232	1.7%	125318	291	287	1.4%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	125304	3.6	3.7	2.7%	125318	4.52	4.32	4.5%								
Na	125304	6.03	5.99	0.7%	125318	3.86	3.90	1.0%								
Ni	125304	13.3	12.9	3.1%	125318	12.7	12.6	0.8%								
P	125304	557	536	3.8%	125318	498	496	0.4%								
Pb	125304	< 20	< 20	0.0%	125318	< 20	< 20	0.0%								
Rb	125304	< 50	< 50	0.0%	125318	< 50	< 50	0.0%								
S	125304	0.345	0.358	3.7%	125318	0.285	0.284	0.4%								
Sb	125304	< 1	< 1	0.0%	125318	1	1	0.0%								
Sc	125304	5	5	0.0%	125318	5	5	0.0%								
Se	125304	< 10	< 10	0.0%	125318	< 10	< 10	0.0%								
Sn	125304	< 5	< 5	0.0%	125318	< 5	< 5	0.0%								
Sr	125304	801	790	1.4%	125318	701	695	0.9%								
Ta	125304	< 10	< 10	0.0%	125318	< 10	< 10	0.0%								
Te	125304	< 10	< 10	0.0%	125318	< 10	< 10	0.0%								
Th	125304	7	7	0.0%	125318	6	5	18.2%								
Ti	125304	0.19	0.19	0.0%	125318	0.19	0.19	0.0%								
Tl	125304	< 5	< 5	0.0%	125318	< 5	< 5	0.0%								
U	125304	< 50	< 50	0.0%	125318	< 50	< 50	0.0%								
V	125304	31.9	32.4	1.6%	125318	39.8	38.5	3.3%								
W	125304	< 1	< 1	0.0%	125318	< 1	< 1	0.0%								
Y	125304	7	7	0.0%	125318	9	9	0.0%								
Zn	125304	48.9	48.1	1.6%	125318	49.1	49.4	0.6%								
Zr	125304	88	95	7.7%	125318	80	83	3.7%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au		0.0161	0.0169	4.8%	125268	0.023	0.023	0.0%	125279	0.020	0.045		125293	0.0081	0.0072	11.8%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	125304	0.012	0.012	0.0%	125318	0.011	0.011	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GTS-2a)				CRM #2 (ref.SY-4)				CRM #3 (ref.Till-2)				CRM #4 (ref.GTS-2a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al					10.95	10.86	99%	90% - 110%	8.17	8.24	101%	90% - 110%	6.96	6.99	100%	90% - 110%
As									26	23	89%	90% - 110%	124	122	98%	90% - 110%
Ba					340	311	92%	90% - 110%	540	515	95%	90% - 110%	186	175	94%	90% - 110%
Be					2.6	2.5	98%	90% - 110%	4.0	3.2	80%	90% - 110%				
Ca					5.72	5.35	93%	90% - 110%	0.907	0.868	96%	90% - 110%	4.01	3.83	96%	90% - 110%
Ce					122	114	94%	90% - 110%	98	100	102%	90% - 110%	24	21	87%	90% - 110%
Co													22.1	20.2	91%	90% - 110%
Cr									60.3	62.6	104%	90% - 110%				
Cu									150	149	99%	90% - 110%	88.6	84.5	95%	90% - 110%
Fe					4.34	4.04	93%	90% - 110%	3.77	3.66	97%	90% - 110%	7.56	7.24	96%	90% - 110%
Ga					35	32	92%	90% - 110%								
K					1.37	1.36	99%	90% - 110%					2.021	2.053	102%	90% - 110%
La					58	55	95%	90% - 110%	44	45	103%	90% - 110%				
Li					37	35	95%	90% - 110%	47	45	97%	90% - 110%				
Mg					0.325	0.294	91%	90% - 110%	1.10	1.13	103%	90% - 110%	2.412	2.493	103%	90% - 110%
Mn									780	760	97%	90% - 110%	1510	1462	97%	90% - 110%
Mo									14	14	98%	90% - 110%				
Na					5.267	5.263	100%	90% - 110%	1.624	1.72	106%	90% - 110%	0.617	0.67	109%	90% - 110%
Ni									32	32	101%	90% - 110%	77.1	70.8	92%	90% - 110%
P									750	760	101%	90% - 110%	892	871	98%	90% - 110%
Pb									31	23	75%	90% - 110%				
S	0.348	0.346	99%	90% - 110%												
Sb									0.8	0.8	95%	90% - 110%				
Sc					1.1	1	89%	90% - 110%	12	13	105%	90% - 110%				
Sr					1191	1166	98%	90% - 110%	144	153	106%	90% - 110%	92.8	91.3	98%	90% - 110%
Th									18.4	19.3	105%	90% - 110%				
Ti					0.172	0.158	92%	90% - 110%	0.53	0.478	90%	90% - 110%				
V									77	78	101%	90% - 110%				
Y					119	122	102%	90% - 110%								
Zn					93	87	93%	90% - 110%	130	120	92%	90% - 110%	208	201	97%	90% - 110%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Parameter	CRM #5 (ref.SY-4)																
	Expect	Actual	Recovery	Limits													
Al	10.95	10.94	100%	90% - 110%													
Ba	340	322	95%	90% - 110%													
Be	2.6	2.5	97%	90% - 110%													
Ca	5.72	5.5	96%	90% - 110%													
Ce	122	112	92%	90% - 110%													
Fe	4.34	4.08	94%	90% - 110%													
Ga	35	34	96%	90% - 110%													
K	1.37	1.44	105%	90% - 110%													
La	58	54	93%	90% - 110%													
Li	37	37	100%	90% - 110%													
Mg	0.325	0.321	99%	90% - 110%													
Na	5.267	5.791	110%	90% - 110%													
Sc	1.1	1	94%	90% - 110%													
Sr	1191	1192	100%	90% - 110%													
Ti	0.172	0.164	95%	90% - 110%													
Y	119	122	102%	90% - 110%													
Zn	93	90	97%	90% - 110%													
<b>(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)</b>																	
Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP7M)				CRM #4 (ref.GSP5G)				
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	
Au	5.27	5.39	102%	90% - 110%	6.87	6.63	96%	90% - 110%	0.725	0.73	101%	90% - 110%	0.562	0.516	91%	90% - 110%	



## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19T455594

PROJECT: AGAT00620

ATTENTION TO: Stephen Brooking

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00621

AGAT WORK ORDER: 19T456062

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Apr 29, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T456062

PROJECT: AGAT00621

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 10, 2019

DATE RECEIVED: Apr 11, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
Z39343 (127169)		2.40
Z39344 (127170)		1.93
Z39345 (127171)		2.35
Z39346 (127172)		0.07
Z39347 (127173)		2.37
Z39348 (127174)		2.25
Z39349 (127175)		2.60
Z39350 (127176)		3.02
Z39351 (127177)		1.45
Z39352 (127178)		0.83
Z39353 (127179)		1.94
Z39354 (127180)		1.88
Z39355 (127181)		2.57
Z39356 (127182)		2.30
Z39357 (127183)		2.18
Z39358 (127184)		2.18
Z39359 (127185)		2.11
Z39360 (127186)		2.32
Z39361 (127187)		2.28
Z39362 (127188)		1.90
Z39363 (127189)		3.36
Z39364 (127190)		1.76
Z39365 (127191)		1.95
Z39366 (127192)		0.07
Z39367 (127193)		2.62
Z39368 (127194)		1.85
Z39369 (127195)		1.97
Z39370 (127196)		2.34
Z39371 (127197)		2.19
Z39372 (127198)		1.04
Z39373 (127199)		2.28

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456062

PROJECT: AGAT00621

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 10, 2019

DATE RECEIVED: Apr 11, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
Z39374 (127200)		2.39
Z39375 (127201)		2.15
Z39376 (127202)		2.21
Z39377 (127203)		2.33
Z39378 (127204)		2.33
Z39379 (127205)		2.27
Z39380 (127206)		2.28
Z39381 (127207)		2.43
Z39382 (127208)		2.11
Z39383 (127209)		2.47
Z39384 (127210)		2.07
Z39385 (127211)		2.29
Z39386 (127212)		0.07
Z39387 (127213)		2.31
Z39388 (127214)		2.44
Z39389 (127215)		2.18
Z39390 (127216)		2.46
Z39391 (127217)		2.33
Z39392 (127218)		0.92
Z39393 (127219)		2.34
Z39394 (127220)		2.40
Z39395 (127221)		2.42
Z39396 (127222)		2.64
Z39397 (127223)		1.91
Z39398 (127224)		1.91
Z39399 (127225)		2.28
Z39400 (127226)		1.84
Z39401 (127227)		3.82
Z39402 (127228)		1.65
Z39403 (127229)		3.07
Z39404 (127230)		2.52

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456062

PROJECT: AGAT00621

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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 10, 2019

DATE RECEIVED: Apr 11, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
Z39405 (127231)		3.08
Z39406 (127232)		0.07
Z39407 (127233)		2.69
Z39408 (127234)		2.32
Z39409 (127235)		2.68
Z39410 (127236)		1.91
Z39411 (127237)		1.51
Z39412 (127238)		1.18
Z39413 (127239)		1.22
Z39414 (127240)		3.10

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456062

PROJECT: AGAT00621

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MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 10, 2019	DATE RECEIVED: Apr 11, 2019							DATE REPORTED: Apr 29, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z39343 (127169)	<0.5	7.87	<1	767	2.2	<1	1.93	<0.5	42	160	16.3	113	1.47	17	
Z39344 (127170)	<0.5	7.05	2	745	2.2	<1	1.65	<0.5	43	5.3	76.8	174	1.43	18	
Z39345 (127171)	<0.5	7.61	2	806	2.2	<1	2.07	<0.5	41	4.4	66.5	188	1.56	19	
Z39346 (127172)	<0.5	7.34	<1	139	1.3	<1	6.71	<0.5	5	39.4	135	149	7.68	31	
Z39347 (127173)	<0.5	7.77	<1	872	2.2	<1	1.94	<0.5	42	1.6	64.0	83.8	1.35	17	
Z39348 (127174)	<0.5	7.19	2	766	2.4	<1	2.14	<0.5	40	1.3	72.5	51.4	1.14	18	
Z39349 (127175)	<0.5	7.59	2	887	2.1	<1	1.88	<0.5	34	1.4	75.2	63.9	1.19	17	
Z39350 (127176)	<0.5	7.90	<1	567	2.4	<1	1.80	<0.5	38	2.5	67.2	61.2	1.30	18	
Z39351 (127177)	<0.5	7.61	2	593	0.7	<1	0.61	<0.5	14	<0.5	44.4	1.3	0.57	15	
Z39352 (127178)	<0.5	0.07	<1	19	<0.5	<1	31.9	<0.5	<1	0.5	3.4	<0.5	0.12	<5	
Z39353 (127179)	<0.5	9.04	1	371	1.5	<1	1.52	<0.5	45	<0.5	33.7	2.2	0.89	20	
Z39354 (127180)	<0.5	8.56	3	466	1.6	<1	1.50	<0.5	86	2.1	67.3	36.6	1.46	19	
Z39355 (127181)	<0.5	7.44	1	527	2.1	<1	1.70	<0.5	34	10.1	73.3	219	1.72	19	
Z39356 (127182)	<0.5	7.33	1	518	2.2	<1	1.87	<0.5	47	6.8	38.0	149	1.46	19	
Z39357 (127183)	<0.5	7.91	<1	784	2.2	<1	1.95	<0.5	38	7.3	76.9	123	1.72	20	
Z39358 (127184)	<0.5	8.35	<1	833	2.2	<1	2.00	<0.5	37	6.7	43.0	127	1.71	20	
Z39359 (127185)	<0.5	8.19	1	804	2.3	<1	1.99	<0.5	40	3.2	51.4	33.6	1.49	20	
Z39360 (127186)	<0.5	7.89	<1	743	2.2	<1	1.97	<0.5	37	3.0	62.3	12.6	1.52	18	
Z39361 (127187)	<0.5	7.59	2	664	2.3	<1	1.94	<0.5	41	3.1	57.4	20.4	1.39	18	
Z39362 (127188)	<0.5	7.60	2	815	2.6	<1	2.31	<0.5	42	7.9	95.2	87.4	1.79	19	
Z39363 (127189)	<0.5	6.48	<1	1020	8.4	<1	7.59	<0.5	118	31.0	369	68.1	6.54	28	
Z39364 (127190)	<0.5	7.98	3	764	3.1	<1	2.14	<0.5	47	4.4	87.0	118	1.60	19	
Z39365 (127191)	<0.5	7.66	2	880	2.3	<1	2.33	<0.5	41	3.3	64.4	116	1.42	18	
Z39366 (127192)	<0.5	7.59	<1	188	2.0	<1	6.49	<0.5	15	38.4	154	105	7.64	35	
Z39367 (127193)	<0.5	7.41	<1	858	2.6	<1	2.17	<0.5	43	3.9	71.9	100	1.49	18	
Z39368 (127194)	<0.5	7.79	<1	770	2.3	<1	2.01	<0.5	39	3.0	47.7	77.9	1.50	17	
Z39369 (127195)	<0.5	7.84	<1	824	2.2	<1	2.03	<0.5	39	3.8	39.1	112	1.43	17	
Z39370 (127196)	<0.5	7.91	<1	836	2.3	<1	1.90	<0.5	41	5.5	45.6	220	1.50	18	
Z39371 (127197)	<0.5	7.69	<1	755	2.3	<1	1.98	<0.5	42	3.4	70.4	124	1.39	18	
Z39372 (127198)	<0.5	0.08	<1	20	<0.5	<1	31.4	<0.5	<1	<0.5	1.1	<0.5	0.08	<5	
Z39373 (127199)	<0.5	7.51	<1	802	2.3	<1	2.29	<0.5	43	5.0	25.1	89.8	1.61	19	
Z39374 (127200)	<0.5	7.70	<1	717	2.5	<1	2.06	<0.5	39	3.0	23.4	45.4	1.45	19	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456062

PROJECT: AGAT00621

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 10, 2019	DATE RECEIVED: Apr 11, 2019							DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z39375 (127201)	<0.5	7.20	<1	839	2.2	<1	1.72	<0.5	40	5.3	20.1	103	1.43	19	
Z39376 (127202)	<0.5	7.92	1	891	2.3	<1	1.88	<0.5	42	5.5	20.8	145	1.64	20	
Z39377 (127203)	<0.5	7.84	<1	809	2.3	<1	1.91	<0.5	42	2.2	21.8	48.7	1.41	17	
Z39378 (127204)	<0.5	7.88	<1	804	2.3	<1	1.95	<0.5	41	2.2	16.7	53.1	1.44	18	
Z39379 (127205)	<0.5	7.97	1	855	2.3	<1	2.08	<0.5	40	2.9	19.0	98.8	1.58	19	
Z39380 (127206)	<0.5	7.77	3	827	2.1	<1	2.12	<0.5	40	4.5	17.8	88.3	1.52	19	
Z39381 (127207)	<0.5	7.59	<1	854	2.1	<1	2.95	<0.5	40	4.8	27.2	107	1.87	17	
Z39382 (127208)	<0.5	8.15	<1	826	3.2	<1	2.59	<0.5	45	4.3	25.3	165	1.92	18	
Z39383 (127209)	<0.5	7.87	<1	927	2.1	<1	2.33	<0.5	45	3.1	27.6	85.1	1.82	19	
Z39384 (127210)	<0.5	7.54	<1	961	2.3	<1	2.36	<0.5	48	4.7	27.1	96.9	1.98	17	
Z39385 (127211)	<0.5	8.06	<1	857	2.0	<1	2.46	<0.5	47	3.7	31.6	44.4	2.10	18	
Z39386 (127212)	<0.5	7.51	<1	143	1.4	<1	6.87	<0.5	5	40.6	144	151	7.88	33	
Z39387 (127213)	<0.5	6.94	<1	829	2.2	<1	2.48	<0.5	45	4.4	24.8	50.0	1.72	19	
Z39388 (127214)	<0.5	7.37	<1	801	2.0	<1	2.02	<0.5	42	4.7	21.2	93.3	1.76	20	
Z39389 (127215)	<0.5	7.24	1	895	2.2	<1	2.22	<0.5	43	7.0	26.9	188	2.01	18	
Z39390 (127216)	<0.5	7.58	<1	880	2.3	<1	1.98	<0.5	41	5.2	23.3	79.4	1.81	18	
Z39391 (127217)	<0.5	7.46	<1	871	2.2	<1	1.97	<0.5	40	4.5	21.8	45.1	1.67	19	
Z39392 (127218)	<0.5	0.10	<1	18	<0.5	<1	30.6	<0.5	<1	<0.5	2.3	<0.5	0.15	<5	
Z39393 (127219)	<0.5	7.35	<1	732	2.1	<1	2.03	<0.5	42	3.3	19.8	63.8	1.66	17	
Z39394 (127220)	<0.5	7.98	2	1200	2.2	<1	1.86	<0.5	36	5.2	96.2	119	1.73	19	
Z39395 (127221)	<0.5	8.19	1	880	2.1	<1	1.94	<0.5	38	3.7	51.4	96.5	1.55	19	
Z39396 (127222)	<0.5	7.99	1	506	2.3	<1	2.76	<0.5	47	12.3	121	215	2.59	19	
Z39397 (127223)	<0.5	6.85	<1	295	3.1	<1	3.92	<0.5	31	26.0	165	75.6	5.22	25	
Z39398 (127224)	<0.5	7.18	1	315	3.3	<1	4.03	<0.5	30	25.6	207	77.6	5.50	25	
Z39399 (127225)	<0.5	7.70	<1	218	1.8	<1	5.25	<0.5	12	50.5	113	38.2	9.53	37	
Z39400 (127226)	<0.5	7.70	<1	424	1.8	<1	5.36	<0.5	12	52.4	142	58.7	11.0	42	
Z39401 (127227)	<0.5	7.76	2	708	2.1	<1	2.40	<0.5	53	10.8	23.5	141	2.66	21	
Z39402 (127228)	<0.5	7.98	<1	315	1.3	<1	6.51	<0.5	21	34.2	150	86.8	6.95	27	
Z39403 (127229)	<0.5	6.96	<1	262	2.1	<1	6.60	<0.5	12	40.1	184	68.1	7.21	29	
Z39404 (127230)	<0.5	7.60	<1	77	1.4	<1	6.73	<0.5	6	43.1	136	71.2	8.01	34	
Z39405 (127231)	<0.5	8.01	<1	38	1.3	<1	8.03	<0.5	5	43.9	147	100	8.18	36	
Z39406 (127232)	<0.5	7.61	<1	191	2.0	<1	6.57	<0.5	15	38.5	143	105	7.75	34	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456062

PROJECT: AGAT00621

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 10, 2019	DATE RECEIVED: Apr 11, 2019							DATE REPORTED: Apr 29, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z39407 (127233)	<0.5	6.73	<1	55	2.2	<1	6.99	<0.5	5	42.7	139	78.0	6.77	32	
Z39408 (127234)	<0.5	6.93	<1	112	1.6	<1	7.08	<0.5	10	39.0	91.2	104	6.74	28	
Z39409 (127235)	<0.5	7.45	<1	135	1.1	<1	7.21	<0.5	12	39.6	116	104	6.89	28	
Z39410 (127236)	<0.5	6.68	<1	1420	3.1	<1	8.85	<0.5	171	33.5	125	56.3	8.54	34	
Z39411 (127237)	<0.5	3.46	<1	953	5.5	<1	7.70	<0.5	111	53.8	671	83.9	7.63	32	
Z39412 (127238)	<0.5	0.08	<1	21	<0.5	<1	31.8	<0.5	<1	0.6	4.4	<0.5	0.09	<5	
Z39413 (127239)	<0.5	7.45	<1	341	2.8	<1	7.64	<0.5	15	40.3	146	109	7.08	30	
Z39414 (127240)	<0.5	2.84	<1	800	8.3	<1	7.09	<0.5	67	59.2	506	95.4	8.07	33	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 10, 2019

DATE RECEIVED: Apr 11, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
Z39343 (127169)		<1	1.48	20	19	0.72	304	1.0	3.91	15.8	509	<20	<50	0.22	<1
Z39344 (127170)		<1	1.56	20	17	0.64	217	3.3	3.45	19.8	541	<20	<50	0.28	<1
Z39345 (127171)		<1	1.66	19	16	0.69	280	3.5	3.76	18.9	499	<20	<50	0.31	<1
Z39346 (127172)		<1	0.21	3	13	4.29	1420	1.6	2.33	85.2	400	<20	<50	0.15	<1
Z39347 (127173)		<1	2.04	21	20	0.71	282	12.7	3.71	15.7	547	<20	<50	0.13	<1
Z39348 (127174)		<1	1.58	20	15	0.63	303	3.9	3.58	15.8	539	<20	<50	0.09	<1
Z39349 (127175)		<1	1.79	16	16	0.62	256	1.8	3.68	14.6	481	<20	<50	0.12	<1
Z39350 (127176)		<1	1.67	18	15	0.60	278	2.3	3.91	13.1	476	<20	<50	0.13	<1
Z39351 (127177)		<1	3.77	6	2	0.03	60	1.5	2.39	3.3	355	23	<50	<0.01	<1
Z39352 (127178)		<1	0.02	<2	1	2.68	141	<0.5	0.04	0.5	81	<20	<50	0.02	<1
Z39353 (127179)		<1	3.71	22	1	0.03	63	0.6	3.97	1.4	931	<20	<50	<0.01	<1
Z39354 (127180)		<1	3.69	43	11	0.33	198	1.7	3.74	7.8	1120	20	<50	0.08	<1
Z39355 (127181)		<1	1.39	16	20	0.62	243	2.5	3.80	19.4	546	<20	<50	0.45	<1
Z39356 (127182)		<1	1.20	23	23	0.65	216	1.9	4.02	16.9	574	<20	<50	0.30	<1
Z39357 (127183)		<1	1.64	19	45	0.75	272	1.8	4.05	20.1	521	<20	<50	0.32	<1
Z39358 (127184)		<1	1.73	18	47	0.79	273	1.3	4.26	19.0	487	<20	<50	0.30	1
Z39359 (127185)		<1	1.72	19	33	0.67	283	1.3	4.06	17.9	542	<20	<50	0.07	<1
Z39360 (127186)		<1	1.67	18	37	0.69	282	1.3	4.06	18.0	533	<20	<50	0.07	<1
Z39361 (127187)		<1	1.94	20	29	0.67	283	1.5	3.86	17.5	470	<20	<50	0.07	<1
Z39362 (127188)		<1	1.91	19	30	1.01	333	2.1	4.03	38.5	715	<20	<50	0.15	<1
Z39363 (127189)		<1	2.82	59	55	4.90	1270	2.6	2.43	121	3860	<20	<50	0.17	2
Z39364 (127190)		<1	1.98	22	25	0.73	279	4.9	4.31	18.0	566	<20	<50	0.14	<1
Z39365 (127191)		<1	1.94	19	24	0.70	316	2.7	3.94	15.7	693	<20	<50	0.18	<1
Z39366 (127192)		<1	0.46	9	11	4.33	1400	1.9	2.42	110	865	<20	<50	0.09	<1
Z39367 (127193)		<1	1.91	20	21	0.71	319	3.3	3.77	18.1	508	<20	<50	0.15	<1
Z39368 (127194)		<1	1.79	18	22	0.75	280	70.4	4.06	16.7	502	<20	<50	0.13	<1
Z39369 (127195)		<1	1.98	18	28	0.73	268	24.6	4.00	18.0	522	<20	<50	0.16	<1
Z39370 (127196)		<1	2.06	18	34	0.73	244	13.0	3.89	18.4	513	<20	<50	0.25	<1
Z39371 (127197)		<1	1.94	20	30	0.68	259	3.9	3.87	17.1	532	<20	<50	0.14	<1
Z39372 (127198)		<1	0.02	<2	2	2.20	102	<0.5	0.05	0.7	66	<20	<50	0.03	<1
Z39373 (127199)		<1	2.13	20	34	0.88	313	6.4	3.76	27.6	593	<20	<50	0.12	<1
Z39374 (127200)		<1	1.86	17	26	0.72	275	20.3	4.12	19.3	568	<20	<50	0.07	<1

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 10, 2019	DATE RECEIVED: Apr 11, 2019					DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
Z39375 (127201)	<1	1.86	18	28	0.65	243	42.1	3.50	19.2	589	<20	<50	0.13	<1	
Z39376 (127202)	<1	2.10	19	38	0.72	270	10.9	3.85	19.8	569	<20	<50	0.17	<1	
Z39377 (127203)	<1	2.00	19	36	0.70	251	32.1	3.99	15.1	526	<20	<50	0.07	<1	
Z39378 (127204)	<1	2.03	20	35	0.69	251	31.8	4.03	15.5	506	<20	<50	0.07	<1	
Z39379 (127205)	<1	2.08	18	33	0.74	275	5.1	4.03	17.5	548	<20	<50	0.13	<1	
Z39380 (127206)	<1	1.94	18	28	0.74	260	7.5	3.93	17.9	555	<20	<50	0.13	<1	
Z39381 (127207)	<1	2.18	18	27	1.07	374	77.9	3.82	20.3	576	<20	<50	0.15	<1	
Z39382 (127208)	<1	2.22	20	21	0.97	283	71.3	3.99	18.0	627	<20	<50	0.33	<1	
Z39383 (127209)	<1	2.25	21	17	0.85	275	20.6	3.78	17.8	616	<20	<50	0.11	<1	
Z39384 (127210)	<1	2.12	22	20	0.83	303	6.7	3.73	17.0	529	<20	<50	0.16	<1	
Z39385 (127211)	<1	2.03	22	21	0.92	310	7.4	3.99	15.9	556	<20	<50	0.07	<1	
Z39386 (127212)	<1	0.21	3	13	4.41	1440	1.8	2.38	86.7	426	<20	<50	0.16	<1	
Z39387 (127213)	<1	1.89	20	20	0.75	289	26.1	3.77	15.8	548	<20	<50	0.09	<1	
Z39388 (127214)	<1	1.83	20	17	0.71	271	7.2	3.48	16.8	563	<20	<50	0.15	<1	
Z39389 (127215)	<1	2.03	20	20	0.79	323	9.9	3.57	19.8	553	<20	<50	0.34	<1	
Z39390 (127216)	<1	2.12	20	22	0.73	322	9.5	3.50	18.2	547	<20	<50	0.17	<1	
Z39391 (127217)	<1	1.90	19	26	0.64	314	7.2	3.58	14.5	598	<20	<50	0.12	<1	
Z39392 (127218)	<1	0.03	<2	1	2.59	128	1.7	0.05	0.7	105	<20	<50	0.03	1	
Z39393 (127219)	<1	1.56	20	23	0.63	275	2.9	3.52	12.6	516	<20	<50	0.18	<1	
Z39394 (127220)	<1	2.00	17	17	0.68	251	14.2	3.79	20.6	616	<20	<50	0.38	<1	
Z39395 (127221)	<1	1.88	18	9	0.68	183	2.0	3.83	18.0	533	<20	<50	0.35	<1	
Z39396 (127222)	<1	1.37	23	20	1.08	350	5.7	3.90	34.2	654	<20	<50	0.75	<1	
Z39397 (127223)	<1	1.21	16	28	2.08	1090	2.6	3.58	78.8	495	<20	<50	0.30	1	
Z39398 (127224)	<1	1.22	15	29	2.17	1120	2.5	3.81	79.6	490	<20	<50	0.30	<1	
Z39399 (127225)	<1	1.74	6	43	3.18	2370	1.9	2.87	74.4	399	<20	<50	0.14	1	
Z39400 (127226)	<1	1.95	5	44	3.08	2910	3.7	2.51	88.1	376	<20	<50	0.19	2	
Z39401 (127227)	<1	1.72	25	19	0.98	463	20.3	3.48	28.4	665	<20	<50	0.36	<1	
Z39402 (127228)	<1	1.12	11	18	3.92	1500	5.2	2.71	108	395	<20	<50	0.19	1	
Z39403 (127229)	<1	0.78	6	21	4.20	1380	4.3	2.34	156	373	<20	<50	0.11	<1	
Z39404 (127230)	<1	0.41	3	17	3.97	1430	3.5	2.34	117	339	<20	<50	0.11	<1	
Z39405 (127231)	<1	0.24	3	22	3.82	1530	5.1	2.23	120	310	<20	<50	0.11	<1	
Z39406 (127232)	<1	0.46	9	11	4.37	1420	2.0	2.43	109	908	<20	<50	0.10	<1	

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## Certificate of Analysis

AGAT WORK ORDER: 19T456062

PROJECT: AGAT00621

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 10, 2019	DATE RECEIVED: Apr 11, 2019					DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
Z39407 (127233)	<1	0.36	3	36	2.85	1330	4.7	2.41	112	297	<20	<50	0.13	<1	
Z39408 (127234)	<1	0.51	5	14	3.88	1250	5.1	1.86	83.9	262	<20	<50	0.09	2	
Z39409 (127235)	<1	0.63	6	27	4.26	1310	5.4	2.07	93.5	285	<20	<50	0.10	<1	
Z39410 (127236)	<1	3.13	84	29	4.21	1710	3.0	2.11	60.2	5540	<20	<50	0.23	<1	
Z39411 (127237)	<1	2.08	57	16	10.1	1400	3.6	1.00	434	1740	<20	<50	0.18	<1	
Z39412 (127238)	<1	0.03	<2	1	2.35	120	<0.5	0.04	1.2	99	<20	<50	0.02	1	
Z39413 (127239)	<1	0.85	8	42	4.44	1340	2.3	2.74	105	462	<20	<50	0.13	<1	
Z39414 (127240)	<1	2.52	35	45	10.0	1340	3.2	2.11	491	1340	<20	<50	0.13	1	

Certified By:



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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 10, 2019	DATE RECEIVED: Apr 11, 2019					DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Z39343 (127169)	5	<10	<5	714	<10	<10	8	0.16	<5	<50	35.4	562	10	50.4	
Z39344 (127170)	5	<10	<5	660	<10	<10	9	0.14	<5	<50	36.0	<1	9	44.8	
Z39345 (127171)	4	<10	<5	694	<10	<10	6	0.17	<5	<50	35.9	<1	10	40.3	
Z39346 (127172)	46	<10	<5	111	<10	<10	<5	0.64	<5	<50	309	<1	24	75.0	
Z39347 (127173)	5	<10	<5	677	<10	<10	7	0.17	<5	<50	36.3	<1	8	46.0	
Z39348 (127174)	5	<10	<5	670	<10	<10	7	0.16	<5	<50	34.7	<1	11	37.5	
Z39349 (127175)	4	<10	<5	670	<10	<10	5	0.16	<5	<50	32.3	<1	10	41.4	
Z39350 (127176)	4	<10	<5	538	<10	<10	10	0.15	<5	<50	29.2	<1	10	60.2	
Z39351 (127177)	<1	<10	<5	188	<10	<10	<5	<0.01	<5	<50	4.4	<1	5	7.9	
Z39352 (127178)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	2.3	
Z39353 (127179)	<1	<10	<5	208	<10	<10	9	0.01	<5	<50	6.5	<1	10	13.5	
Z39354 (127180)	2	<10	<5	252	<10	<10	15	0.08	<5	<50	12.4	<1	14	71.6	
Z39355 (127181)	4	<10	<5	593	<10	<10	7	0.15	<5	<50	33.8	<1	8	73.2	
Z39356 (127182)	4	<10	<5	700	<10	<10	8	0.18	<5	<50	35.5	<1	9	49.1	
Z39357 (127183)	4	<10	<5	735	<10	<10	5	0.18	<5	<50	37.7	<1	7	54.9	
Z39358 (127184)	4	<10	<5	759	<10	<10	5	0.18	<5	<50	38.2	<1	7	55.5	
Z39359 (127185)	5	<10	<5	741	<10	<10	6	0.17	<5	<50	34.9	<1	10	44.7	
Z39360 (127186)	4	<10	<5	719	<10	<10	5	0.18	<5	<50	35.2	<1	9	50.0	
Z39361 (127187)	4	<10	<5	630	<10	<10	7	0.15	<5	<50	31.6	<1	9	41.3	
Z39362 (127188)	6	<10	<5	668	<10	<10	7	0.20	<5	<50	41.1	<1	10	48.5	
Z39363 (127189)	21	<10	<5	850	<10	<10	5	0.85	<5	<50	156	<1	23	67.2	
Z39364 (127190)	5	<10	<5	705	<10	<10	8	0.15	<5	<50	38.0	<1	11	47.8	
Z39365 (127191)	5	<10	<5	726	<10	<10	9	0.16	<5	<50	35.0	<1	12	39.4	
Z39366 (127192)	35	<10	<5	253	<10	<10	<5	0.82	<5	<50	244	<1	24	88.3	
Z39367 (127193)	5	<10	<5	680	<10	<10	6	0.16	<5	<50	35.6	<1	11	40.0	
Z39368 (127194)	4	<10	<5	649	<10	<10	6	0.16	<5	<50	35.5	<1	10	41.9	
Z39369 (127195)	5	<10	<5	671	<10	<10	5	0.18	<5	<50	36.9	<1	10	45.0	
Z39370 (127196)	5	<10	<5	676	<10	<10	6	0.18	<5	<50	38.3	<1	10	42.0	
Z39371 (127197)	5	<10	<5	642	<10	<10	7	0.17	<5	<50	38.4	<1	12	42.0	
Z39372 (127198)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	3.7	
Z39373 (127199)	6	<10	<5	648	<10	<10	8	0.19	<5	<50	40.3	<1	10	45.4	
Z39374 (127200)	5	<10	<5	683	<10	<10	7	0.17	<5	<50	35.8	<1	11	37.9	

Certified By:

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 10, 2019	DATE RECEIVED: Apr 11, 2019					DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core				
Analyte: Unit: RDL:	Sc ppm 1	Se ppm 10	Sn ppm 5	Sr ppm 1	Ta ppm 10	Te ppm 10	Th ppm 5	Ti % 0.01	Tl ppm 5	U ppm 50	V ppm 0.5	W ppm 1	Y ppm 1	Zn ppm 0.5	
Z39375 (127201)	5	<10	<5	659	<10	<10	7	0.16	<5	<50	37.3	<1	10	40.3	
Z39376 (127202)	5	<10	<5	703	<10	<10	7	0.18	<5	<50	36.6	<1	11	43.3	
Z39377 (127203)	4	<10	<5	675	<10	<10	7	0.16	<5	<50	34.8	<1	10	39.6	
Z39378 (127204)	5	<10	<5	696	<10	<10	8	0.16	<5	<50	35.1	<1	10	39.9	
Z39379 (127205)	5	<10	<5	723	<10	<10	7	0.17	<5	<50	37.2	<1	11	44.1	
Z39380 (127206)	5	<10	<5	755	<10	<10	6	0.18	<5	<50	38.6	<1	11	41.8	
Z39381 (127207)	8	<10	<5	793	<10	<10	6	0.18	<5	<50	48.3	<1	14	42.8	
Z39382 (127208)	7	<10	<5	853	<10	<10	<5	0.22	<5	<50	51.0	<1	13	40.3	
Z39383 (127209)	6	<10	<5	820	<10	<10	5	0.18	<5	<50	43.0	<1	12	36.4	
Z39384 (127210)	6	<10	<5	766	<10	<10	5	0.18	<5	<50	45.5	<1	12	34.5	
Z39385 (127211)	6	<10	<5	814	<10	<10	<5	0.20	<5	<50	48.9	<1	12	40.6	
Z39386 (127212)	46	<10	<5	113	<10	<10	<5	0.66	<5	<50	313	<1	24	78.9	
Z39387 (127213)	9	<10	<5	833	<10	<10	8	0.18	<5	<50	50.0	<1	14	43.6	
Z39388 (127214)	5	<10	<5	762	<10	<10	5	0.17	<5	<50	39.9	<1	10	49.3	
Z39389 (127215)	6	<10	<5	770	<10	<10	7	0.19	<5	<50	44.9	<1	12	60.8	
Z39390 (127216)	5	<10	<5	679	<10	<10	6	0.17	<5	<50	38.3	<1	11	60.7	
Z39391 (127217)	5	<10	<5	696	<10	<10	7	0.16	<5	<50	33.8	<1	10	57.8	
Z39392 (127218)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	2.5	
Z39393 (127219)	4	<10	<5	667	<10	<10	6	0.17	<5	<50	33.3	<1	9	51.6	
Z39394 (127220)	4	<10	<5	721	<10	<10	7	0.15	<5	<50	32.8	<1	7	49.2	
Z39395 (127221)	4	<10	<5	738	<10	<10	5	0.16	<5	<50	33.6	<1	6	36.0	
Z39396 (127222)	8	<10	<5	670	<10	<10	6	0.20	<5	<50	56.1	<1	12	43.5	
Z39397 (127223)	25	<10	<5	468	<10	<10	<5	0.33	<5	<50	145	<1	19	80.8	
Z39398 (127224)	26	<10	<5	481	<10	<10	<5	0.34	<5	<50	148	<1	19	80.9	
Z39399 (127225)	49	<10	<5	313	<10	<10	<5	0.58	<5	<50	299	<1	25	107	
Z39400 (127226)	50	<10	<5	310	<10	<10	<5	0.56	<5	<50	303	<1	29	123	
Z39401 (127227)	7	<10	<5	607	<10	<10	8	0.20	<5	<50	52.1	<1	11	60.9	
Z39402 (127228)	28	<10	<5	342	<10	<10	<5	0.44	<5	<50	180	<1	16	107	
Z39403 (127229)	33	<10	<5	212	<10	<10	<5	0.47	<5	<50	220	<1	21	84.0	
Z39404 (127230)	38	<10	<5	166	<10	<10	<5	0.52	<5	<50	254	<1	22	86.1	
Z39405 (127231)	39	<10	<5	134	<10	<10	<5	0.54	<5	<50	263	<1	22	85.8	
Z39406 (127232)	35	<10	<5	252	<10	<10	<5	0.83	<5	<50	245	<1	24	89.6	

Certified By:





## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 10, 2019	DATE RECEIVED: Apr 11, 2019					DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Sample ID (AGAT ID)															
Z39407 (127233)	37	<10	<5	137	<10	<10	<5	0.45	<5	<50	246	<1	25	71.9	
Z39408 (127234)	39	<10	<5	122	<10	<10	<5	0.36	<5	<50	229	<1	18	66.6	
Z39409 (127235)	38	<10	<5	142	<10	<10	<5	0.41	<5	<50	231	<1	17	68.3	
Z39410 (127236)	18	<10	<5	1400	<10	<10	<5	0.82	<5	<50	196	<1	32	94.0	
Z39411 (127237)	25	<10	<5	766	<10	<10	<5	1.38	<5	<50	227	<1	25	75.9	
Z39412 (127238)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.5	<1	2	3.4	
Z39413 (127239)	39	<10	<5	191	<10	<10	<5	0.47	<5	<50	241	<1	24	75.7	
Z39414 (127240)	21	<10	<5	597	<10	<10	<5	1.33	<5	<50	242	<1	34	80.8	

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 10, 2019

DATE RECEIVED: Apr 11, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Zr
	Unit:	ppm
	RDL:	5
Z39343 (127169)		92
Z39344 (127170)		90
Z39345 (127171)		88
Z39346 (127172)		54
Z39347 (127173)		88
Z39348 (127174)		88
Z39349 (127175)		85
Z39350 (127176)		86
Z39351 (127177)		6
Z39352 (127178)		<5
Z39353 (127179)		<5
Z39354 (127180)		29
Z39355 (127181)		90
Z39356 (127182)		90
Z39357 (127183)		87
Z39358 (127184)		88
Z39359 (127185)		94
Z39360 (127186)		97
Z39361 (127187)		84
Z39362 (127188)		92
Z39363 (127189)		229
Z39364 (127190)		122
Z39365 (127191)		93
Z39366 (127192)		96
Z39367 (127193)		98
Z39368 (127194)		91
Z39369 (127195)		98
Z39370 (127196)		92
Z39371 (127197)		93
Z39372 (127198)		<5
Z39373 (127199)		93
Z39374 (127200)		97

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ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 10, 2019      DATE RECEIVED: Apr 11, 2019      DATE REPORTED: Apr 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
Z39375 (127201)				94
Z39376 (127202)				104
Z39377 (127203)				91
Z39378 (127204)				103
Z39379 (127205)				91
Z39380 (127206)				101
Z39381 (127207)				72
Z39382 (127208)				61
Z39383 (127209)				74
Z39384 (127210)				57
Z39385 (127211)				58
Z39386 (127212)				54
Z39387 (127213)				72
Z39388 (127214)				86
Z39389 (127215)				105
Z39390 (127216)				97
Z39391 (127217)				89
Z39392 (127218)				<5
Z39393 (127219)				88
Z39394 (127220)				89
Z39395 (127221)				97
Z39396 (127222)				93
Z39397 (127223)				69
Z39398 (127224)				62
Z39399 (127225)				45
Z39400 (127226)				45
Z39401 (127227)				112
Z39402 (127228)				49
Z39403 (127229)				35
Z39404 (127230)				19
Z39405 (127231)				17
Z39406 (127232)				92

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 10, 2019

DATE RECEIVED: Apr 11, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
Z39407 (127233)	25
Z39408 (127234)	62
Z39409 (127235)	54
Z39410 (127236)	219
Z39411 (127237)	186
Z39412 (127238)	<5
Z39413 (127239)	79
Z39414 (127240)	154

Comments: RDL - Reported Detection Limit

127169-127240 As, Sb values may be low due to digestion losses.

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 10, 2019

DATE RECEIVED: Apr 11, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
Z39343 (127169)			0.011
Z39344 (127170)			0.015
Z39345 (127171)			0.022
Z39346 (127172)			0.517
Z39347 (127173)			0.011
Z39348 (127174)			0.008
Z39349 (127175)			0.007
Z39350 (127176)			0.005
Z39351 (127177)			0.001
Z39352 (127178)			0.001
Z39353 (127179)			0.001
Z39354 (127180)			0.005
Z39355 (127181)			0.011
Z39356 (127182)			0.008
Z39357 (127183)			0.009
Z39358 (127184)			0.011
Z39359 (127185)			0.005
Z39360 (127186)			0.002
Z39361 (127187)			0.004
Z39362 (127188)			0.011
Z39363 (127189)			0.003
Z39364 (127190)			0.006
Z39365 (127191)			0.014
Z39366 (127192)			0.328
Z39367 (127193)			0.022
Z39368 (127194)			0.022
Z39369 (127195)			0.019
Z39370 (127196)			0.028
Z39371 (127197)			0.011
Z39372 (127198)			0.001
Z39373 (127199)			0.016
Z39374 (127200)			0.013

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PROJECT: AGAT00621

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 10, 2019      DATE RECEIVED: Apr 11, 2019      DATE REPORTED: Apr 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
Z39375 (127201)		0.027	
Z39376 (127202)		0.017	
Z39377 (127203)		0.008	
Z39378 (127204)		0.011	
Z39379 (127205)		0.015	
Z39380 (127206)		0.025	
Z39381 (127207)		0.069	
Z39382 (127208)		0.121	
Z39383 (127209)		0.020	
Z39384 (127210)		0.069	
Z39385 (127211)		0.032	
Z39386 (127212)		0.536	
Z39387 (127213)		0.017	
Z39388 (127214)		0.035	
Z39389 (127215)		0.057	
Z39390 (127216)		0.037	
Z39391 (127217)		0.036	
Z39392 (127218)		0.004	
Z39393 (127219)		0.052	
Z39394 (127220)		0.075	
Z39395 (127221)		0.036	
Z39396 (127222)		0.052	
Z39397 (127223)		0.024	
Z39398 (127224)		0.030	
Z39399 (127225)		0.027	
Z39400 (127226)		0.048	
Z39401 (127227)		0.045	
Z39402 (127228)		0.048	
Z39403 (127229)		0.013	
Z39404 (127230)		0.027	
Z39405 (127231)		0.016	
Z39406 (127232)		0.344	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456062

PROJECT: AGAT00621

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 10, 2019

DATE RECEIVED: Apr 11, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Analyte:	Unit:	RDL:
Au	ppm	0.001
Sample ID (AGAT ID)		
Z39407 (127233)		0.004
Z39408 (127234)		0.012
Z39409 (127235)		0.013
Z39410 (127236)		0.002
Z39411 (127237)		0.002
Z39412 (127238)		<0.001
Z39413 (127239)		0.004
Z39414 (127240)		0.010

Comments: RDL - Reported Detection Limit

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T456062

PROJECT: AGAT00621

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CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 10, 2019	DATE RECEIVED: Apr 11, 2019	DATE REPORTED: Apr 29, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
Z39343 (127169)		87
Z39362 (127188)		81
Z39382 (127208)		86
Z39402 (127228)		88

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456062

PROJECT: AGAT00621

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 10, 2019      DATE RECEIVED: Apr 11, 2019      DATE REPORTED: Apr 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
Z39344 (127170)		89
Z39373 (127199)		97.9
Z39382 (127208)		95
Z39401 (127227)		95.5

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	127169	< 0.5	< 0.5	0.0%	127183	< 0.5	< 0.5	0.0%	127194	< 0.5	< 0.5	0.0%	127208	< 0.5	< 0.5	0.0%
Al	127169	7.87	8.01	1.8%	127183	7.91	8.06	1.9%	127194	7.79	7.86	0.9%	127208	8.15	8.11	0.5%
As	127169	< 1	< 1	0.0%	127183	< 1	< 1	0.0%	127194	< 1	2		127208	< 1	2	
Ba	127169	767	784	2.2%	127183	784	800	2.0%	127194	770	749	2.8%	127208	826	817	1.1%
Be	127169	2.20	2.28	3.6%	127183	2.2	2.2	0.0%	127194	2.3	2.3	0.0%	127208	3.2	3.1	3.2%
Bi	127169	< 1	< 1	0.0%	127183	< 1	< 1	0.0%	127194	< 1	< 1	0.0%	127208	< 1	< 1	0.0%
Ca	127169	1.93	1.96	1.5%	127183	1.95	1.98	1.5%	127194	2.01	2.06	2.5%	127208	2.59	2.61	0.8%
Cd	127169	< 0.5	< 0.5	0.0%	127183	< 0.5	< 0.5	0.0%	127194	< 0.5	< 0.5	0.0%	127208	< 0.5	< 0.5	0.0%
Ce	127169	42	47	11.2%	127183	38	38	0.0%	127194	39	38	2.6%	127208	45	43	4.5%
Co	127169	160	138	14.8%	127183	7.32	7.69	4.9%	127194	3.01	2.51	18.1%	127208	4.34	4.47	3.0%
Cr	127169	16.3	13.6	18.1%	127183	76.9	76.2	0.9%	127194	47.7	59.0	21.2%	127208	25.3	28.8	12.9%
Cu	127169	113	117	3.5%	127183	123	121	1.6%	127194	77.9	79.5	2.0%	127208	165	164	0.6%
Fe	127169	1.47	1.43	2.8%	127183	1.72	1.79	4.0%	127194	1.50	1.54	2.6%	127208	1.92	1.95	1.6%
Ga	127169	17	18	5.7%	127183	20	20	0.0%	127194	17	17	0.0%	127208	18	18	0.0%
In	127169	< 1	< 1	0.0%	127183	< 1	< 1	0.0%	127194	< 1	< 1	0.0%	127208	< 1	< 1	0.0%
K	127169	1.48	1.51	2.0%	127183	1.64	1.68	2.4%	127194	1.79	1.78	0.6%	127208	2.22	2.23	0.4%
La	127169	20	22	9.5%	127183	19	19	0.0%	127194	18	17	5.7%	127208	20	19	5.1%
Li	127169	19	19	0.0%	127183	45	46	2.2%	127194	22	22	0.0%	127208	21	21	0.0%
Mg	127169	0.716	0.709	1.0%	127183	0.752	0.779	3.5%	127194	0.75	0.74	1.3%	127208	0.973	0.991	1.8%
Mn	127169	304	307	1.0%	127183	272	282	3.6%	127194	280	281	0.4%	127208	283	287	1.4%
Mo	127169	1.0	0.6		127183	1.8	1.9	5.4%	127194	70.4	52.1	29.9%	127208	71.3	87.4	20.3%
Na	127169	3.91	3.97	1.5%	127183	4.05	4.09	1.0%	127194	4.06	4.19	3.2%	127208	3.99	4.03	1.0%
Ni	127169	15.8	15.9	0.6%	127183	20.1	20.6	2.5%	127194	16.7	18.0	7.5%	127208	18.0	18.3	1.7%
P	127169	509	494	3.0%	127183	521	529	1.5%	127194	502	486	3.2%	127208	627	616	1.8%
Pb	127169	< 20	< 20	0.0%	127183	< 20	< 20	0.0%	127194	< 20	< 20	0.0%	127208	< 20	< 20	0.0%
Rb	127169	< 50	< 50	0.0%	127183	< 50	< 50	0.0%	127194	< 50	< 50	0.0%	127208	< 50	< 50	0.0%
S	127169	0.218	0.202	7.6%	127183	0.32	0.33	3.1%	127194	0.128	0.121	5.6%	127208	0.33	0.33	0.0%
Sb	127169	< 1	< 1	0.0%	127183	< 1	< 1	0.0%	127194	< 1	< 1	0.0%	127208	< 1	< 1	0.0%
Sc	127169	5	5	0.0%	127183	4	4	0.0%	127194	4	5	22.2%	127208	7	6	15.4%
Se	127169	< 10	< 10	0.0%	127183	< 10	< 10	0.0%	127194	< 10	< 10	0.0%	127208	< 10	< 10	0.0%
Sn	127169	< 5	< 5	0.0%	127183	< 5	< 5	0.0%	127194	< 5	< 5	0.0%	127208	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	127169	714	754	5.4%	127183	735	740	0.7%	127194	649	671	3.3%	127208	853	868	1.7%
Ta	127169	< 10	< 10	0.0%	127183	< 10	< 10	0.0%	127194	< 10	< 10	0.0%	127208	< 10	< 10	0.0%
Te	127169	< 10	< 10	0.0%	127183	< 10	< 10	0.0%	127194	< 10	< 10	0.0%	127208	< 10	< 10	0.0%
Th	127169	8	7	13.3%	127183	5	6	18.2%	127194	6	6	0.0%	127208	< 5	< 5	0.0%
Ti	127169	0.16	0.16	0.0%	127183	0.184	0.188	2.2%	127194	0.158	0.152	3.9%	127208	0.22	0.22	0.0%
Tl	127169	< 5	< 5	0.0%	127183	< 5	< 5	0.0%	127194	< 5	< 5	0.0%	127208	< 5	< 5	0.0%
U	127169	< 50	< 50	0.0%	127183	< 50	< 50	0.0%	127194	< 50	< 50	0.0%	127208	< 50	< 50	0.0%
V	127169	35.4	35.7	0.8%	127183	37.7	38.4	1.8%	127194	35.5	35.7	0.6%	127208	51.0	51.2	0.4%
W	127169	562	523	7.2%	127183	< 1	< 1	0.0%	127194	< 1	< 1	0.0%	127208	< 1	< 1	0.0%
Y	127169	10	10	0.0%	127183	7	7	0.0%	127194	10	9	10.5%	127208	13	12	8.0%
Zn	127169	50.4	50.6	0.4%	127183	54.9	55.1	0.4%	127194	41.9	41.6	0.7%	127208	40.3	42.8	6.0%
Zr	127169	92	94	2.2%	127183	87	93	6.7%	127194	91	85	6.8%	127208	61	58	5.0%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	127219	< 0.5	< 0.5	0.0%	127233	< 0.5	< 0.5	0.0%								
Al	127219	7.35	7.78	5.7%	127233	6.73	7.77	14.3%								
As	127219	< 1	< 1	0.0%	127233	< 1	< 1	0.0%								
Ba	127219	732	755	3.1%	127233	55	61	10.3%								
Be	127219	2.14	2.27	5.9%	127233	2.2	2.2	0.0%								
Bi	127219	< 1	< 1	0.0%	127233	< 1	< 1	0.0%								
Ca	127219	2.03	1.93	5.1%	127233	6.99	7.96	13.0%								
Cd	127219	< 0.5	< 0.5	0.0%	127233	< 0.5	< 0.5	0.0%								
Ce	127219	42	41	2.4%	127233	5	5	0.0%								
Co	127219	3.28	2.93	11.3%	127233	42.7	43.2	1.2%								
Cr	127219	19.8	25.0	23.2%	127233	139	139	0.0%								
Cu	127219	63.8	58.2	9.2%	127233	78.0	88.1	12.2%								
Fe	127219	1.66	1.51	9.5%	127233	6.77	7.71	13.0%								
Ga	127219	17	19	11.1%	127233	32	34	6.1%								
In	127219	< 1	< 1	0.0%	127233	< 1	< 1	0.0%								
K	127219	1.56	1.60	2.5%	127233	0.362	0.419	14.6%								
La	127219	20	20	0.0%	127233	3	3	0.0%								
Li	127219	23	22	4.4%	127233	36	41	13.0%								
Mg	127219	0.626	0.619	1.1%	127233	2.85	3.31	14.9%								
Mn	127219	275	271	1.5%	127233	1330	1520	13.3%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	127219	2.9	2.5	14.8%	127233	4.65	4.58	1.5%								
Na	127219	3.52	3.71	5.3%	127233	2.41	2.77	13.9%								
Ni	127219	12.6	12.0	4.9%	127233	112	116	3.5%								
P	127219	516	496	4.0%	127233	297	318	6.8%								
Pb	127219	< 20	< 20	0.0%	127233	< 20	< 20	0.0%								
Rb	127219	< 50	< 50	0.0%	127233	< 50	< 50	0.0%								
S	127219	0.18	0.16	11.8%	127233	0.134	0.149	10.6%								
Sb	127219	< 1	< 1	0.0%	127233	< 1	< 1	0.0%								
Sc	127219	4	4	0.0%	127233	37	39	5.3%								
Se	127219	< 10	< 10	0.0%	127233	< 10	< 10	0.0%								
Sn	127219	< 5	< 5	0.0%	127233	< 5	< 5	0.0%								
Sr	127219	667	729	8.9%	127233	137	157	13.6%								
Ta	127219	< 10	< 10	0.0%	127233	< 10	< 10	0.0%								
Te	127219	< 10	< 10	0.0%	127233	< 10	< 10	0.0%								
Th	127219	6	6	0.0%	127233	< 5	< 5	0.0%								
Ti	127219	0.165	0.156	5.6%	127233	0.453	0.516	13.0%								
Tl	127219	< 5	< 5	0.0%	127233	< 5	< 5	0.0%								
U	127219	< 50	< 50	0.0%	127233	< 50	< 50	0.0%								
V	127219	33.3	34.3	3.0%	127233	246	254	3.2%								
W	127219	< 1	< 1	0.0%	127233	< 1	< 1	0.0%								
Y	127219	9	9	0.0%	127233	25	26	3.9%								
Zn	127219	51.6	50.2	2.8%	127233	71.9	79.3	9.8%								
Zr	127219	88	95	7.7%	127233	25	25	0.0%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	127169	0.011	0.008		127183	0.009	0.009	0.0%	127194	0.0221	0.0212	4.2%	127208	0.121	0.119	1.7%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	127219	0.052	0.073	33.6%	127233	0.004	0.011									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	11.12	102%	90% - 110%	8.17	8.72	107%	90% - 110%	6.96	6.95	100%	90% - 110%	10.95	11.16	102%	90% - 110%
As					26	24	92%	90% - 110%	124	123	99%	90% - 110%				
Ba	340	312	92%	90% - 110%	540	541	100%	90% - 110%	186	180	97%	90% - 110%	340	324	95%	90% - 110%
Be	2.6	2.8	109%	90% - 110%	4.0	3.9	97%	90% - 110%					2.6	2.8	107%	90% - 110%
Ca	5.72	5.54	97%	90% - 110%	0.907	0.951	105%	90% - 110%	4.01	3.88	97%	90% - 110%	5.72	5.67	99%	90% - 110%
Ce	122	114	93%	90% - 110%	98	91	93%	90% - 110%	24	23	95%	90% - 110%	122	114	93%	90% - 110%
Co									22.1	20.1	91%	90% - 110%				
Cr					60.3	60.8	101%	90% - 110%								
Cu					150	155	103%	90% - 110%	88.6	83	94%	90% - 110%				
Fe	4.34	3.93	91%	90% - 110%	3.77	3.73	99%	90% - 110%	7.56	7.06	93%	90% - 110%	4.34	3.98	92%	90% - 110%
Ga	35	37	106%	90% - 110%									35	36	102%	90% - 110%
K	1.37	1.5	109%	90% - 110%					2.021	2.125	105%	90% - 110%	1.37	1.49	109%	90% - 110%
La	58	54	92%	90% - 110%	44	42	96%	90% - 110%					58	55	94%	90% - 110%
Li	37	40	108%	90% - 110%	47	51	108%	90% - 110%					37	40	108%	90% - 110%
Mg	0.325	0.305	94%	90% - 110%	1.10	1.14	104%	90% - 110%	2.412	2.403	100%	90% - 110%	0.325	0.311	96%	90% - 110%
Mn					780	807	104%	90% - 110%	1510	1471	97%	90% - 110%				
Mo					14	13	95%	90% - 110%								
Na	5.267	5.278	100%	90% - 110%	1.624	1.779	110%	90% - 110%	0.617	0.63	102%	90% - 110%	5.267	5.442	103%	90% - 110%
Ni					32	32	99%	90% - 110%	77.1	70.1	91%	90% - 110%				
P					750	730	97%	90% - 110%	892	882	99%	90% - 110%				
Pb					31	28	90%	90% - 110%								
S									0.348	0.341	98%	90% - 110%				
Sc	1.1	1.1	98%	90% - 110%	12	12	102%	90% - 110%					1.1	1.1	101%	90% - 110%
Sr	1191	1132	95%	90% - 110%	144	157	109%	90% - 110%	92.8	88.2	95%	90% - 110%	1191	1168	98%	90% - 110%
Th					18.4	16.6	90%	90% - 110%								
Ti	0.172	0.158	92%	90% - 110%	0.53	0.49	92%	90% - 110%					0.172	0.158	92%	90% - 110%
V	8	7	86%	90% - 110%	77	77	100%	90% - 110%					8	7	89%	90% - 110%
Y	119	124	104%	90% - 110%									119	125	105%	90% - 110%
Zn	93	89	96%	90% - 110%	130	129	99%	90% - 110%	208	206	99%	90% - 110%	93	93	100%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP5G)				CRM #3 (ref.GSP7M)				CRM #4 (ref.1P5R)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.45	94%	90% - 110%	0.562	0.55	98%	90% - 110%	0.725	0.687	95%	90% - 110%	1.81	1.73	96%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19T456062

PROJECT: AGAT00621

ATTENTION TO: Stephen Brooking

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00622

AGAT WORK ORDER: 19T456067

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: May 02, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T456067

PROJECT: AGAT00622

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 10, 2019      DATE RECEIVED: Apr 11, 2019      DATE REPORTED: May 02, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D61339 (127500)		2.42
D61340 (127501)		2.37
D61341 (127502)		2.38
D61342 (127503)		2.62
D61343 (127504)		2.43
D61344 (127505)		1.14
D61345 (127506)		1.83
D61346 (127507)		0.07
D61347 (127508)		1.80
D61348 (127509)		1.73
D61349 (127510)		2.13
D61350 (127511)		2.41
D61351 (127512)		2.36
D61352 (127513)		1.04
D61353 (127514)		1.89
D61354 (127515)		1.98
D61355 (127516)		2.22
D61356 (127517)		2.39
D61357 (127518)		1.53
D61358 (127519)		1.53
D61359 (127520)		1.95
D61360 (127521)		1.59
D61361 (127522)		1.26
D61362 (127523)		1.46
D61363 (127524)		1.83
D61364 (127525)		1.84
D61365 (127526)		1.45
D61366 (127527)		0.07
D61367 (127528)		2.04
D61368 (127529)		2.20
D61369 (127530)		1.96

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## Certificate of Analysis

AGAT WORK ORDER: 19T456067

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 10, 2019

DATE RECEIVED: Apr 11, 2019

DATE REPORTED: May 02, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D61370 (127531)		2.01
D61371 (127532)		1.42
D61372 (127533)		0.82
D61373 (127534)		1.39
D61374 (127535)		2.12
D61375 (127536)		1.16
D61376 (127537)		1.67
D61377 (127538)		2.05
D61378 (127539)		2.05
D61379 (127540)		2.00
D61380 (127541)		1.88
D61381 (127542)		1.80
D61382 (127543)		2.28
D61383 (127544)		2.16
D61384 (127545)		2.06
D61385 (127546)		1.83
D61386 (127547)		0.07
D61387 (127548)		2.27
D61388 (127549)		2.03
D61389 (127550)		2.12
D61390 (127551)		1.79
D61391 (127552)		1.88
D61392 (127553)		1.17
D61393 (127554)		2.17
D61394 (127555)		2.04
D61395 (127556)		0.82
D61396 (127557)		1.12
D61397 (127558)		1.10
D61398 (127559)		1.10
D61399 (127560)		2.19
D61400 (127561)		1.96

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## Certificate of Analysis

AGAT WORK ORDER: 19T456067

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 10, 2019      DATE RECEIVED: Apr 11, 2019      DATE REPORTED: May 02, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D61401 (127562)		1.85
D61402 (127563)		2.69
D61403 (127564)		2.02
D61404 (127565)		1.89
D61405 (127566)		1.81
D61406 (127567)		0.07
D61407 (127568)		2.02
D61408 (127569)		2.60
D61409 (127570)		2.73
D61410 (127571)		2.05

Comments: RDL - Reported Detection Limit

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## Certificate of Analysis

AGAT WORK ORDER: 19T456067

PROJECT: AGAT00622

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 10, 2019	DATE RECEIVED: Apr 11, 2019							DATE REPORTED: May 02, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D61339 (127500)	<0.5	7.77	<1	622	1.1	4	3.59	<0.5	47	21.8	133	49.1	5.55	30	
D61340 (127501)	<0.5	7.31	<1	471	1.8	4	5.12	<0.5	49	22.0	202	83.7	5.45	29	
D61341 (127502)	<0.5	6.05	<1	319	1.9	<1	7.90	<0.5	73	32.3	415	2.0	6.18	32	
D61342 (127503)	<0.5	7.55	<1	644	1.4	3	3.20	<0.5	47	22.0	159	39.2	4.97	30	
D61343 (127504)	<0.5	7.75	<1	619	1.2	3	3.74	<0.5	38	22.4	144	40.0	5.73	29	
D61344 (127505)	<0.5	4.28	<1	683	81.4	10	5.64	<0.5	86	39.8	301	89.7	6.91	35	
D61345 (127506)	<0.5	7.25	3	484	2.7	1	3.30	<0.5	41	19.4	121	61.3	4.67	28	
D61346 (127507)	<0.5	7.28	6	88	0.7	5	7.78	<0.5	8	39.0	190	160	7.33	32	
D61347 (127508)	<0.5	7.34	<1	462	1.6	2	3.86	<0.5	39	23.9	145	27.2	5.63	29	
D61348 (127509)	<0.5	7.19	6	481	1.2	<1	2.91	<0.5	49	18.7	127	91.5	4.52	29	
D61349 (127510)	<0.5	6.35	<1	509	<0.5	<1	0.39	<0.5	3	0.9	16.5	53.3	0.53	11	
D61350 (127511)	<0.5	5.86	5	316	0.7	<1	0.72	<0.5	3	1.5	26.1	20.0	0.90	14	
D61351 (127512)	<0.5	7.23	<1	398	1.2	2	2.58	<0.5	37	18.3	119	24.0	4.57	28	
D61352 (127513)	<0.5	0.08	<1	19	<0.5	<1	31.5	<0.5	<1	0.7	8.1	<0.5	0.13	11	
D61353 (127514)	<0.5	7.13	<1	501	1.1	2	3.40	<0.5	43	21.1	134	36.5	4.86	28	
D61354 (127515)	<0.5	7.47	<1	507	1.2	2	3.30	<0.5	49	18.1	114	27.3	4.42	27	
D61355 (127516)	<0.5	7.31	<1	460	1.1	3	3.17	<0.5	46	18.7	137	47.5	4.58	27	
D61356 (127517)	<0.5	7.57	<1	590	1.1	2	3.61	<0.5	47	17.9	129	55.5	4.60	27	
D61357 (127518)	<0.5	7.22	<1	495	2.0	3	4.31	<0.5	53	21.0	176	14.5	5.11	30	
D61358 (127519)	<0.5	6.96	<1	491	1.8	2	4.03	<0.5	53	21.5	168	19.4	4.80	30	
D61359 (127520)	<0.5	7.71	<1	662	1.2	2	3.49	<0.5	51	20.5	143	44.8	5.07	28	
D61360 (127521)	<0.5	7.30	<1	440	1.1	2	3.63	<0.5	42	19.5	111	38.2	4.77	28	
D61361 (127522)	<0.5	5.94	<1	447	0.9	3	2.38	<0.5	35	14.5	127	52.1	3.67	23	
D61362 (127523)	<0.5	8.30	<1	484	1.3	3	3.80	<0.5	54	18.3	123	20.4	4.86	31	
D61363 (127524)	<0.5	7.23	<1	453	1.3	1	3.34	<0.5	43	21.9	119	44.2	4.72	31	
D61364 (127525)	<0.5	7.78	2	418	1.3	4	3.79	<0.5	41	20.6	126	35.7	5.04	28	
D61365 (127526)	<0.5	7.32	2	514	1.1	<1	2.84	<0.5	42	13.9	105	36.3	3.89	26	
D61366 (127527)	<0.5	7.16	<1	150	0.7	5	6.85	<0.5	9	38.0	172	151	7.86	35	
D61367 (127528)	<0.5	7.06	<1	597	1.5	<1	2.70	<0.5	46	18.3	115	43.7	4.59	27	
D61368 (127529)	<0.5	7.88	<1	673	1.6	2	3.12	<0.5	53	19.0	126	64.8	4.88	29	
D61369 (127530)	<0.5	6.77	<1	608	1.8	<1	4.22	<0.5	50	23.2	311	12.7	4.65	28	
D61370 (127531)	<0.5	6.61	3	802	1.9	<1	3.41	<0.5	53	22.2	286	21.4	4.23	30	

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## Certificate of Analysis

AGAT WORK ORDER: 19T456067

PROJECT: AGAT00622

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MISSISSAUGA, ONTARIO  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 10, 2019

DATE RECEIVED: Apr 11, 2019

DATE REPORTED: May 02, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D61371 (127532)		<0.5	7.06	<1	817	1.9	2	4.17	<0.5	62	23.7	337	48.6	4.93	28
D61372 (127533)		<0.5	0.07	2	17	<0.5	<1	32.2	<0.5	<1	0.5	9.3	<0.5	0.14	13
D61373 (127534)		<0.5	7.07	<1	1170	1.8	2	3.82	<0.5	61	22.7	254	37.7	4.85	26
D61374 (127535)		<0.5	7.28	4	1270	1.6	1	3.61	<0.5	51	27.0	430	42.0	4.48	31
D61375 (127536)		<0.5	7.54	<1	549	1.9	2	1.78	<0.5	44	6.8	78.0	54.4	1.84	24
D61376 (127537)		<0.5	6.30	<1	308	1.0	<1	0.64	<0.5	13	0.7	153	2.1	0.42	14
D61377 (127538)		<0.5	7.31	2	284	1.7	<1	1.52	<0.5	17	9.7	221	2.8	2.23	29
D61378 (127539)		<0.5	7.10	5	275	1.7	<1	1.45	<0.5	16	9.2	222	2.0	2.16	27
D61379 (127540)		<0.5	7.07	4	331	1.1	<1	0.81	<0.5	18	1.0	37.3	3.1	0.54	14
D61380 (127541)		<0.5	6.87	6	316	1.1	<1	0.95	<0.5	40	1.3	26.1	11.3	0.83	16
D61381 (127542)		<0.5	7.09	<1	381	0.9	<1	0.85	<0.5	13	<0.5	21.5	3.2	0.54	14
D61382 (127543)		<0.5	6.89	<1	364	0.7	<1	0.58	<0.5	19	<0.5	23.6	0.8	0.58	14
D61383 (127544)		<0.5	6.93	4	271	1.2	<1	0.99	<0.5	33	<0.5	27.9	<0.5	0.73	14
D61384 (127545)		<0.5	7.73	6	345	1.4	<1	1.10	<0.5	24	<0.5	22.4	<0.5	0.54	16
D61385 (127546)		<0.5	6.75	3	460	1.0	<1	0.77	<0.5	32	0.7	23.9	15.6	0.61	13
D61386 (127547)		<0.5	7.30	<1	196	0.9	6	6.45	<0.5	21	36.7	200	105	7.54	36
D61387 (127548)		<0.5	7.76	<1	545	1.9	<1	1.89	<0.5	38	5.7	54.0	57.5	1.85	28
D61388 (127549)		<0.5	7.69	<1	810	1.8	<1	2.00	<0.5	42	4.9	42.9	95.7	1.84	24
D61389 (127550)		<0.5	7.70	<1	775	1.9	<1	1.93	<0.5	43	5.3	51.4	70.7	1.85	24
D61390 (127551)		<0.5	7.94	4	853	2.1	1	1.97	<0.5	43	4.4	44.2	37.2	1.86	25
D61391 (127552)		<0.5	7.17	1	723	1.8	<1	1.81	<0.5	64	5.3	47.7	33.9	1.86	24
D61392 (127553)		<0.5	0.08	2	18	<0.5	2	33.7	<0.5	<1	<0.5	11.1	<0.5	0.16	12
D61393 (127554)		<0.5	7.10	<1	711	1.7	<1	1.90	<0.5	49	5.9	39.4	22.9	1.64	24
D61394 (127555)		<0.5	7.59	<1	698	1.8	1	1.96	<0.5	39	5.4	37.1	18.5	1.70	25
D61395 (127556)		<0.5	7.90	6	735	2.0	1	2.10	<0.5	43	8.6	58.9	36.7	1.97	25
D61396 (127557)		<0.5	8.48	1	978	2.1	<1	2.35	<0.5	46	7.8	29.0	62.1	2.07	27
D61397 (127558)		<0.5	8.66	<1	737	2.1	3	2.15	<0.5	46	4.3	30.9	25.2	2.11	26
D61398 (127559)		<0.5	8.23	4	712	2.0	2	2.04	<0.5	46	4.2	36.6	24.8	2.15	26
D61399 (127560)		<0.5	8.11	<1	916	2.1	2	3.21	<0.5	79	9.0	49.5	9.2	3.20	28
D61400 (127561)		<0.5	7.73	<1	924	2.1	2	2.73	<0.5	66	7.8	37.9	41.2	2.63	29
D61401 (127562)		<0.5	8.07	3	651	2.0	<1	2.63	<0.5	53	4.0	45.7	26.9	2.34	27
D61402 (127563)		<0.5	7.57	2	439	1.3	<1	1.01	<0.5	190	<0.5	19.4	1.8	1.01	16

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## Certificate of Analysis

AGAT WORK ORDER: 19T456067

PROJECT: AGAT00622

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 10, 2019	DATE RECEIVED: Apr 11, 2019							DATE REPORTED: May 02, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D61403 (127564)	<0.5	7.69	3	752	0.8	<1	0.63	<0.5	145	<0.5	14.6	1.7	0.49	14	
D61404 (127565)	<0.5	7.03	4	570	<0.5	<1	0.33	<0.5	14	<0.5	15.2	3.0	0.53	13	
D61405 (127566)	<0.5	7.77	1	915	0.6	<1	0.59	<0.5	77	<0.5	12.9	0.8	0.66	15	
D61406 (127567)	<0.5	7.23	<1	193	0.9	10	6.28	<0.5	21	36.6	164	103	7.40	35	
D61407 (127568)	<0.5	7.57	<1	576	0.6	<1	0.42	<0.5	28	<0.5	16.0	<0.5	0.55	13	
D61408 (127569)	<0.5	7.13	1	311	1.3	<1	0.90	<0.5	54	<0.5	15.9	<0.5	0.79	16	
D61409 (127570)	<0.5	7.35	4	290	2.2	<1	1.43	<0.5	26	2.7	39.1	4.4	1.43	23	
D61410 (127571)	<0.5	1.96	3	740	8.3	<1	7.39	<0.5	70	61.6	665	64.7	6.25	29	

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## Certificate of Analysis

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PROJECT: AGAT00622

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 10, 2019	DATE RECEIVED: Apr 11, 2019					DATE REPORTED: May 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D61339 (127500)	<1	1.60	20	38	1.69	1160	6.5	2.39	58.4	703	<20	<50	0.11	<1	
D61340 (127501)	<1	1.21	21	24	2.60	1020	4.3	2.03	59.1	985	<20	<50	0.12	2	
D61341 (127502)	<1	0.86	29	22	4.75	1270	3.1	1.65	76.4	1840	<20	<50	<0.01	<1	
D61342 (127503)	<1	1.61	20	46	2.10	890	4.1	2.66	65.7	668	<20	<50	0.07	2	
D61343 (127504)	<1	1.32	16	37	2.26	1060	3.8	2.89	66.2	610	<20	<50	0.07	3	
D61344 (127505)	<1	2.30	37	62	5.33	1140	6.9	3.37	237	1540	<20	<50	0.09	<1	
D61345 (127506)	<1	1.40	18	27	1.59	910	4.7	3.06	52.3	614	<20	<50	0.11	<1	
D61346 (127507)	<1	0.25	4	14	4.34	1300	<0.5	1.74	96.6	300	<20	<50	0.20	3	
D61347 (127508)	<1	1.56	17	33	2.10	1100	3.7	2.70	64.5	685	<20	<50	0.07	3	
D61348 (127509)	<1	1.34	22	21	1.33	894	4.9	2.90	54.1	606	<20	<50	0.30	<1	
D61349 (127510)	<1	5.81	<2	3	0.07	64	4.3	1.77	2.8	18	36	<50	0.10	2	
D61350 (127511)	<1	3.53	<2	10	0.21	125	4.3	2.16	5.1	30	27	<50	0.06	<1	
D61351 (127512)	<1	1.74	16	43	1.62	917	2.4	2.57	50.7	546	<20	<50	0.08	1	
D61352 (127513)	<1	0.02	2	1	2.13	46	1.5	0.04	0.7	58	<20	<50	<0.01	<1	
D61353 (127514)	<1	1.28	19	37	1.79	924	2.4	2.67	64.2	632	<20	<50	0.11	2	
D61354 (127515)	<1	1.27	21	37	1.60	887	2.0	2.89	52.6	674	<20	<50	0.07	1	
D61355 (127516)	<1	1.38	20	36	1.61	896	2.0	2.70	51.2	654	<20	<50	0.13	<1	
D61356 (127517)	<1	1.33	20	29	1.68	856	2.4	2.73	51.8	632	<20	<50	0.15	4	
D61357 (127518)	<1	1.44	22	35	2.52	1040	1.6	2.53	60.2	1020	<20	<50	0.04	<1	
D61358 (127519)	<1	1.38	22	33	2.33	961	1.9	2.47	60.6	969	<20	<50	0.04	3	
D61359 (127520)	<1	1.53	22	40	1.94	1010	1.7	2.74	66.3	883	<20	<50	0.10	3	
D61360 (127521)	<1	1.15	18	33	1.72	968	1.2	2.73	54.2	644	<20	<50	0.09	4	
D61361 (127522)	<1	1.19	15	32	1.30	672	2.5	2.18	43.4	492	<20	<50	0.12	<1	
D61362 (127523)	<1	1.28	23	43	1.78	980	1.0	3.23	50.9	752	<20	<50	0.05	4	
D61363 (127524)	<1	1.28	18	40	1.70	929	2.1	2.78	57.4	639	<20	<50	0.11	<1	
D61364 (127525)	<1	1.15	17	37	1.81	1010	1.0	3.03	61.1	618	<20	<50	0.08	<1	
D61365 (127526)	<1	1.33	19	34	1.34	673	2.1	2.92	44.8	610	<20	<50	0.07	<1	
D61366 (127527)	<1	0.21	4	12	4.19	1380	<0.5	2.29	85.4	348	<20	<50	0.14	4	
D61367 (127528)	<1	1.55	19	41	1.45	855	2.3	2.65	54.9	768	<20	<50	0.09	3	
D61368 (127529)	<1	1.76	23	39	1.67	902	2.5	2.98	54.7	873	<20	<50	0.13	<1	
D61369 (127530)	<1	1.72	21	39	2.86	942	<0.5	2.67	71.2	1520	<20	<50	0.03	<1	
D61370 (127531)	<1	1.48	23	39	2.59	826	<0.5	2.41	67.5	1030	<20	<50	0.05	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456067

PROJECT: AGAT00622

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 10, 2019	DATE RECEIVED: Apr 11, 2019					DATE REPORTED: May 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D61371 (127532)	<1	1.43	26	30	3.00	938	<0.5	2.64	70.0	1130	<20	<50	0.12	<1	
D61372 (127533)	<1	0.02	3	1	3.14	70	1.4	0.04	0.7	76	<20	<50	<0.01	1	
D61373 (127534)	<1	2.95	25	46	2.75	953	1.6	2.51	68.1	1160	<20	<50	0.14	<1	
D61374 (127535)	<1	2.27	22	45	3.14	889	1.7	2.58	193	739	<20	<50	0.21	<1	
D61375 (127536)	<1	1.71	19	24	0.83	336	0.9	3.43	23.3	482	<20	<50	0.33	<1	
D61376 (127537)	<1	4.49	6	4	0.07	60	1.7	2.24	10.2	14	27	<50	0.03	<1	
D61377 (127538)	<1	4.17	8	34	1.69	635	3.2	2.60	171	172	20	<50	0.05	<1	
D61378 (127539)	<1	4.06	7	34	1.64	610	3.2	2.54	162	147	21	<50	0.04	<1	
D61379 (127540)	<1	4.69	8	5	0.12	82	7.2	2.64	9.9	23	21	<50	0.02	<1	
D61380 (127541)	<1	3.75	19	4	0.13	112	8.2	2.76	6.4	128	29	<50	0.09	3	
D61381 (127542)	<1	4.30	6	1	0.06	66	7.4	2.79	2.9	35	28	<50	0.04	<1	
D61382 (127543)	<1	5.48	9	2	0.08	87	7.3	2.34	3.2	54	25	<50	0.01	<1	
D61383 (127544)	<1	3.33	16	3	0.07	84	7.0	3.09	3.0	26	<20	<50	0.01	1	
D61384 (127545)	<1	3.79	11	3	0.05	64	6.9	3.40	2.5	159	24	<50	<0.01	1	
D61385 (127546)	<1	4.29	15	3	0.05	62	7.4	2.65	5.0	162	68	<50	0.08	<1	
D61386 (127547)	<1	0.44	9	10	4.14	1310	<0.5	2.31	105	824	<20	<50	0.07	1	
D61387 (127548)	<1	1.50	17	28	0.68	265	8.3	3.87	21.3	497	24	<50	0.27	1	
D61388 (127549)	<1	1.53	17	23	0.75	258	9.1	3.71	18.5	458	<20	<50	0.32	<1	
D61389 (127550)	<1	1.78	19	27	0.70	267	6.3	3.70	20.6	454	<20	<50	0.29	2	
D61390 (127551)	<1	1.96	18	28	0.71	282	6.7	3.76	18.9	517	<20	<50	0.24	2	
D61391 (127552)	<1	1.92	29	28	0.70	266	6.5	3.31	18.7	555	<20	<50	0.26	<1	
D61392 (127553)	<1	0.02	3	1	2.05	52	2.6	0.04	1.0	79	<20	<50	<0.01	1	
D61393 (127554)	<1	1.87	22	22	0.69	243	4.6	3.42	18.2	467	<20	<50	0.20	1	
D61394 (127555)	<1	1.92	17	20	0.69	213	3.9	3.65	18.5	484	<20	<50	0.16	2	
D61395 (127556)	<1	1.91	18	26	0.77	234	7.1	3.75	25.6	517	<20	<50	0.28	<1	
D61396 (127557)	<1	2.07	19	21	0.77	251	6.2	4.13	23.6	513	<20	<50	0.38	3	
D61397 (127558)	<1	2.01	20	25	0.81	243	6.7	4.16	19.1	554	<20	<50	0.15	2	
D61398 (127559)	<1	1.92	19	24	0.79	249	11.2	4.01	19.0	544	<20	<50	0.14	<1	
D61399 (127560)	<1	2.20	35	29	1.60	542	5.3	3.66	32.1	928	<20	<50	0.05	<1	
D61400 (127561)	<1	2.10	30	18	1.18	430	5.4	3.73	24.9	813	<20	<50	0.21	4	
D61401 (127562)	<1	1.32	22	16	1.00	452	6.7	4.06	20.4	611	<20	<50	0.11	<1	
D61402 (127563)	<1	3.95	89	5	0.11	114	6.0	3.37	1.9	228	21	<50	0.04	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456067

PROJECT: AGAT00622

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 10, 2019	DATE RECEIVED: Apr 11, 2019					DATE REPORTED: May 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D61403 (127564)	<1	6.20	69	4	0.07	69	4.7	2.53	1.1	691	29	<50	0.02	<1	
D61404 (127565)	<1	7.22	6	3	0.10	72	6.0	1.64	2.9	25	27	55	0.06	<1	
D61405 (127566)	<1	7.51	37	2	0.14	104	5.3	2.11	1.8	32	28	53	0.07	<1	
D61406 (127567)	<1	0.44	9	10	4.08	1290	<0.5	2.26	109	794	<20	<50	0.07	2	
D61407 (127568)	<1	6.89	13	2	0.07	65	6.3	2.20	1.5	102	28	<50	0.01	2	
D61408 (127569)	<1	4.10	24	5	0.12	87	5.8	3.04	2.3	389	<20	<50	0.01	1	
D61409 (127570)	<1	3.25	12	22	0.57	183	5.9	3.84	23.0	209	<20	<50	0.02	1	
D61410 (127571)	<1	1.52	32	467	8.05	1390	1.9	1.98	555	24	<20	<50	0.04	<1	

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T456067

PROJECT: AGAT00622

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 10, 2019

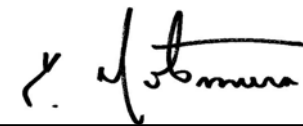
DATE RECEIVED: Apr 11, 2019

DATE REPORTED: May 02, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D61339 (127500)	19	<10	<5	334	<10	<10	<5	0.44	<5	<50	143	<1	15	71.4
D61340 (127501)	20	<10	<5	499	<10	<10	<5	0.42	<5	<50	140	<1	17	76.4
D61341 (127502)	31	<10	<5	382	<10	<10	<5	0.41	<5	<50	192	<1	29	89.3
D61342 (127503)	20	<10	<5	528	<10	<10	<5	0.40	<5	<50	139	<1	14	78.4
D61343 (127504)	21	<10	<5	548	<10	<10	<5	0.44	<5	<50	153	<1	14	74.7
D61344 (127505)	31	<10	<5	659	<10	<10	<5	1.06	<5	<50	278	<1	29	74.0
D61345 (127506)	18	<10	<5	451	<10	<10	<5	0.37	<5	<50	127	<1	15	63.7
D61346 (127507)	41	<10	<5	181	<10	<10	<5	0.60	<5	<50	274	<1	19	74.9
D61347 (127508)	21	<10	<5	446	<10	<10	<5	0.42	<5	<50	149	<1	16	72.5
D61348 (127509)	14	<10	<5	392	<10	<10	<5	0.35	<5	<50	113	<1	12	68.3
D61349 (127510)	<1	<10	<5	145	<10	<10	7	0.02	<5	<50	3.5	<1	1	6.3
D61350 (127511)	1	<10	<5	135	<10	<10	<5	0.06	<5	<50	8.6	<1	1	29.3
D61351 (127512)	18	<10	<5	337	<10	<10	<5	0.37	<5	<50	123	<1	15	97.3
D61352 (127513)	<1	<10	<5	65	<10	<10	<5	<0.01	<5	<50	1.5	<1	2	3.3
D61353 (127514)	18	<10	<5	436	<10	<10	<5	0.40	<5	<50	141	<1	14	66.0
D61354 (127515)	15	<10	<5	546	<10	<10	<5	0.37	<5	<50	119	<1	14	64.1
D61355 (127516)	17	<10	<5	445	<10	<10	<5	0.38	<5	<50	129	<1	13	68.5
D61356 (127517)	17	<10	<5	469	<10	<10	<5	0.40	<5	<50	130	<1	14	68.8
D61357 (127518)	22	<10	<5	548	<10	<10	<5	0.41	<5	<50	148	<1	18	82.1
D61358 (127519)	21	<10	<5	533	<10	<10	<5	0.39	<5	<50	145	<1	18	76.3
D61359 (127520)	18	<10	<5	524	<10	<10	<5	0.42	<5	<50	133	<1	14	74.2
D61360 (127521)	19	<10	<5	513	<10	<10	<5	0.40	<5	<50	138	<1	15	65.1
D61361 (127522)	14	<10	<5	364	<10	<10	<5	0.31	<5	<50	99.4	<1	11	54.6
D61362 (127523)	17	<10	<5	610	<10	<10	<5	0.44	<5	<50	138	<1	15	74.2
D61363 (127524)	18	<10	<5	487	<10	<10	<5	0.40	<5	<50	136	<1	14	68.3
D61364 (127525)	19	<10	<5	546	<10	<10	<5	0.43	<5	<50	135	<1	14	70.0
D61365 (127526)	15	<10	<5	503	<10	<10	<5	0.33	<5	<50	103	<1	11	54.7
D61366 (127527)	43	<10	<5	113	<10	<10	<5	0.67	<5	<50	295	<1	21	73.9
D61367 (127528)	17	<10	<5	464	<10	<10	<5	0.40	<5	<50	125	<1	14	67.0
D61368 (127529)	17	<10	<5	555	<10	<10	<5	0.41	<5	<50	121	<1	15	68.6
D61369 (127530)	23	<10	<5	445	<10	<10	<5	0.32	<5	<50	127	<1	15	68.2
D61370 (127531)	21	<10	<5	475	<10	<10	<5	0.31	<5	<50	118	<1	17	80.3

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T456067

PROJECT: AGAT00622

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 10, 2019

DATE RECEIVED: Apr 11, 2019

DATE REPORTED: May 02, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D61371 (127532)	22	<10	<5	647	<10	<10	<5	0.36	<5	<50	136	<1	15	98.4
D61372 (127533)	<1	<10	<5	65	<10	<10	<5	<0.01	<5	<50	1.5	<1	2	4.1
D61373 (127534)	19	<10	<5	549	<10	<10	<5	0.31	<5	<50	104	<1	13	107
D61374 (127535)	17	<10	<5	514	<10	<10	<5	0.34	<5	<50	120	<1	14	96.8
D61375 (127536)	5	<10	<5	460	<10	<10	<5	0.18	<5	<50	36.6	<1	10	55.9
D61376 (127537)	<1	<10	<5	168	<10	<10	7	0.02	<5	<50	2.8	<1	2	9.9
D61377 (127538)	5	<10	<5	204	<10	<10	<5	0.09	<5	<50	21.3	<1	9	121
D61378 (127539)	5	<10	<5	198	<10	<10	<5	0.08	<5	<50	19.9	<1	8	117
D61379 (127540)	<1	<10	<5	161	<10	<10	7	0.02	<5	<50	2.6	<1	2	15.9
D61380 (127541)	1	<10	<5	158	<10	<10	15	0.04	<5	<50	4.0	<1	3	35.2
D61381 (127542)	<1	<10	<5	160	<10	<10	6	0.02	<5	<50	2.3	<1	1	15.2
D61382 (127543)	<1	<10	<5	154	<10	<10	<5	0.02	<5	<50	3.3	<1	2	6.5
D61383 (127544)	<1	<10	<5	159	<10	<10	11	0.02	<5	<50	4.3	<1	2	10.7
D61384 (127545)	<1	<10	<5	190	<10	<10	8	0.01	<5	<50	3.8	<1	4	5.9
D61385 (127546)	<1	<10	<5	202	<10	<10	11	0.02	<5	<50	3.7	<1	4	120
D61386 (127547)	33	<10	<5	247	<10	<10	<5	0.85	<5	<50	236	<1	21	87.2
D61387 (127548)	4	<10	<5	621	<10	<10	<5	0.16	<5	<50	34.0	<1	7	63.2
D61388 (127549)	4	<10	<5	797	<10	<10	<5	0.19	<5	<50	32.2	<1	7	39.3
D61389 (127550)	4	<10	<5	737	<10	<10	<5	0.17	<5	<50	31.1	<1	7	54.8
D61390 (127551)	4	<10	<5	759	<10	<10	<5	0.18	<5	<50	34.5	<1	10	42.8
D61391 (127552)	4	<10	<5	656	<10	<10	<5	0.17	<5	<50	34.0	<1	8	44.0
D61392 (127553)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	4.0
D61393 (127554)	4	<10	<5	667	<10	<10	<5	0.16	<5	<50	31.8	<1	6	39.2
D61394 (127555)	4	<10	<5	745	<10	<10	<5	0.17	<5	<50	34.4	<1	7	31.9
D61395 (127556)	5	<10	<5	793	<10	<10	<5	0.18	<5	<50	36.4	<1	7	32.8
D61396 (127557)	4	<10	<5	942	<10	<10	<5	0.18	<5	<50	35.4	<1	9	33.0
D61397 (127558)	4	<10	<5	948	<10	<10	<5	0.20	<5	<50	37.8	<1	7	37.2
D61398 (127559)	4	<10	<5	914	<10	<10	<5	0.20	<5	<50	36.8	<1	7	36.0
D61399 (127560)	8	<10	<5	900	<10	<10	<5	0.30	<5	<50	70.8	<1	12	87.0
D61400 (127561)	7	<10	<5	852	<10	<10	<5	0.23	<5	<50	56.8	<1	10	52.4
D61401 (127562)	6	<10	<5	754	<10	<10	<5	0.23	<5	<50	49.2	<1	11	51.2
D61402 (127563)	1	<10	<5	167	<10	<10	35	0.03	<5	<50	6.5	<1	7	14.7

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T456067

PROJECT: AGAT00622

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 10, 2019	DATE RECEIVED: Apr 11, 2019					DATE REPORTED: May 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Sample ID (AGAT ID)															
D61403 (127564)	<1	<10	<5	169	<10	<10	30	0.01	<5	<50	2.7	<1	11	5.0	
D61404 (127565)	<1	<10	<5	135	<10	<10	<5	0.02	<5	<50	4.0	<1	2	6.7	
D61405 (127566)	<1	<10	<5	144	11	<10	13	0.03	<5	<50	5.1	<1	5	24.0	
D61406 (127567)	33	<10	<5	241	<10	<10	<5	0.84	<5	<50	235	<1	21	82.6	
D61407 (127568)	<1	<10	<5	151	<10	<10	7	0.01	<5	<50	3.3	<1	3	6.1	
D61408 (127569)	2	<10	<5	138	<10	<10	17	0.02	<5	<50	12.4	<1	8	8.1	
D61409 (127570)	6	<10	<5	182	<10	<10	<5	0.08	<5	<50	42.7	<1	4	20.9	
D61410 (127571)	26	<10	<5	532	<10	<10	<5	0.37	<5	<50	211	<1	18	42.6	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456067

PROJECT: AGAT00622

5623 McADAM ROAD  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 10, 2019      DATE RECEIVED: Apr 11, 2019      DATE REPORTED: May 02, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D61339 (127500)				98
D61340 (127501)				90
D61341 (127502)				96
D61342 (127503)				97
D61343 (127504)				90
D61344 (127505)				228
D61345 (127506)				103
D61346 (127507)				46
D61347 (127508)				97
D61348 (127509)				91
D61349 (127510)				75
D61350 (127511)				98
D61351 (127512)				89
D61352 (127513)				<5
D61353 (127514)				92
D61354 (127515)				103
D61355 (127516)				95
D61356 (127517)				93
D61357 (127518)				95
D61358 (127519)				95
D61359 (127520)				99
D61360 (127521)				93
D61361 (127522)				77
D61362 (127523)				118
D61363 (127524)				98
D61364 (127525)				92
D61365 (127526)				96
D61366 (127527)				51
D61367 (127528)				107
D61368 (127529)				108
D61369 (127530)				91
D61370 (127531)				78

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456067

PROJECT: AGAT00622

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 10, 2019      DATE RECEIVED: Apr 11, 2019      DATE REPORTED: May 02, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Zr
	Unit:	ppm
	RDL:	5
D61371 (127532)		99
D61372 (127533)		<5
D61373 (127534)		82
D61374 (127535)		102
D61375 (127536)		92
D61376 (127537)		39
D61377 (127538)		63
D61378 (127539)		54
D61379 (127540)		32
D61380 (127541)		139
D61381 (127542)		38
D61382 (127543)		27
D61383 (127544)		54
D61384 (127545)		37
D61385 (127546)		53
D61386 (127547)		92
D61387 (127548)		91
D61388 (127549)		85
D61389 (127550)		84
D61390 (127551)		87
D61391 (127552)		84
D61392 (127553)		<5
D61393 (127554)		71
D61394 (127555)		86
D61395 (127556)		82
D61396 (127557)		97
D61397 (127558)		98
D61398 (127559)		101
D61399 (127560)		105
D61400 (127561)		96
D61401 (127562)		85
D61402 (127563)		81

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## Certificate of Analysis

AGAT WORK ORDER: 19T456067

PROJECT: AGAT00622

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 10, 2019

DATE RECEIVED: Apr 11, 2019

DATE REPORTED: May 02, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D61403 (127564)	42
D61404 (127565)	8
D61405 (127566)	49
D61406 (127567)	90
D61407 (127568)	56
D61408 (127569)	129
D61409 (127570)	33
D61410 (127571)	110

Comments: RDL - Reported Detection Limit

127500-127571 As, Sb values may be low due to digestion losses.

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## Certificate of Analysis

AGAT WORK ORDER: 19T456067

PROJECT: AGAT00622

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 10, 2019      DATE RECEIVED: Apr 11, 2019      DATE REPORTED: May 02, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D61339 (127500)			0.018
D61340 (127501)			0.010
D61341 (127502)			0.041
D61342 (127503)			0.013
D61343 (127504)			0.012
D61344 (127505)			0.010
D61345 (127506)			0.011
D61346 (127507)			1.21
D61347 (127508)			0.009
D61348 (127509)			0.017
D61349 (127510)			0.005
D61350 (127511)			0.004
D61351 (127512)			0.006
D61352 (127513)			0.001
D61353 (127514)			0.010
D61354 (127515)			0.005
D61355 (127516)			0.019
D61356 (127517)			0.010
D61357 (127518)			0.003
D61358 (127519)			0.003
D61359 (127520)			0.006
D61360 (127521)			0.007
D61361 (127522)			0.006
D61362 (127523)			0.004
D61363 (127524)			0.006
D61364 (127525)			0.005
D61365 (127526)			0.006
D61366 (127527)			0.543
D61367 (127528)			0.004
D61368 (127529)			0.004
D61369 (127530)			0.004
D61370 (127531)			0.003

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456067

PROJECT: AGAT00622

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 10, 2019

DATE RECEIVED: Apr 11, 2019

DATE REPORTED: May 02, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D61371 (127532)			0.010
D61372 (127533)			<0.001
D61373 (127534)			0.003
D61374 (127535)			0.005
D61375 (127536)			0.004
D61376 (127537)			0.002
D61377 (127538)			0.005
D61378 (127539)			0.005
D61379 (127540)			0.002
D61380 (127541)			0.006
D61381 (127542)			0.001
D61382 (127543)			0.001
D61383 (127544)			0.001
D61384 (127545)			<0.001
D61385 (127546)			0.002
D61386 (127547)			0.349
D61387 (127548)			0.007
D61388 (127549)			0.009
D61389 (127550)			0.007
D61390 (127551)			0.006
D61391 (127552)			0.007
D61392 (127553)			0.001
D61393 (127554)			0.006
D61394 (127555)			0.005
D61395 (127556)			0.037
D61396 (127557)			0.009
D61397 (127558)			0.023
D61398 (127559)			0.006
D61399 (127560)			0.004
D61400 (127561)			0.008
D61401 (127562)			0.015
D61402 (127563)			0.002

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# Certificate of Analysis

AGAT WORK ORDER: 19T456067

PROJECT: AGAT00622

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 10, 2019      DATE RECEIVED: Apr 11, 2019      DATE REPORTED: May 02, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D61403 (127564)			0.001
D61404 (127565)			0.001
D61405 (127566)			<0.001
D61406 (127567)			0.339
D61407 (127568)			<0.001
D61408 (127569)			<0.001
D61409 (127570)			<0.001
D61410 (127571)			<0.001

Comments: RDL - Reported Detection Limit

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T456067

PROJECT: AGAT00622

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 10, 2019

DATE RECEIVED: Apr 11, 2019

DATE REPORTED: May 02, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D61339 (127500)		80
D61357 (127518)		80
D61378 (127539)		84
D61397 (127558)		79

Comments: RDL - Reported Detection Limit

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T456067

PROJECT: AGAT00622

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 10, 2019

DATE RECEIVED: Apr 11, 2019

DATE REPORTED: May 02, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D61339 (127500)		96.4
D61369 (127530)		90
D61377 (127538)		85
D61395 (127556)		98

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	127500	< 0.5	< 0.5	0.0%	127514	< 0.5	< 0.5	0.0%	127525	< 0.5	< 0.5	0.0%	127539	< 0.5	< 0.5	0.0%
Al	127500	7.77	7.87	1.3%	127514	7.13	7.36	3.2%	127525	7.78	7.77	0.1%	127539	7.10	7.25	2.1%
As	127500	< 1	< 1	0.0%	127514	< 1	< 1	0.0%	127525	2	< 1		127539	5	< 1	
Ba	127500	622	638	2.5%	127514	501	519	3.5%	127525	418	426	1.9%	127539	275	282	2.5%
Be	127500	1.1	1.1	0.0%	127514	1.1	1.1	0.0%	127525	1.3	1.3	0.0%	127539	1.7	1.7	0.0%
Bi	127500	4	6		127514	2	2	0.0%	127525	4	6		127539	< 1	< 1	0.0%
Ca	127500	3.59	3.63	1.1%	127514	3.40	3.49	2.6%	127525	3.79	3.74	1.3%	127539	1.45	1.47	1.4%
Cd	127500	< 0.5	< 0.5	0.0%	127514	< 0.5	< 0.5	0.0%	127525	< 0.5	< 0.5	0.0%	127539	< 0.5	< 0.5	0.0%
Ce	127500	47	46	2.2%	127514	43	41	4.8%	127525	41	42	2.4%	127539	16	14	13.3%
Co	127500	21.8	21.0	3.7%	127514	21.1	20.0	5.4%	127525	20.6	20.2	2.0%	127539	9.17	9.13	0.4%
Cr	127500	133	138	3.7%	127514	134	134	0.0%	127525	126	131	3.9%	127539	222	241	8.2%
Cu	127500	49.1	49.2	0.2%	127514	36.5	38.6	5.6%	127525	35.7	36.3	1.7%	127539	1.96	1.58	21.5%
Fe	127500	5.55	5.59	0.7%	127514	4.86	4.98	2.4%	127525	5.04	5.03	0.2%	127539	2.16	2.20	1.8%
Ga	127500	30	29	3.4%	127514	28	26	7.4%	127525	28	29	3.5%	127539	27	28	3.6%
In	127500	< 1	< 1	0.0%	127514	< 1	< 1	0.0%	127525	< 1	< 1	0.0%	127539	< 1	< 1	0.0%
K	127500	1.60	1.63	1.9%	127514	1.28	1.33	3.8%	127525	1.15	1.17	1.7%	127539	4.06	4.16	2.4%
La	127500	20	20	0.0%	127514	19	18	5.4%	127525	17	18	5.7%	127539	7	6	15.4%
Li	127500	38	39	2.6%	127514	37	39	5.3%	127525	37	38	2.7%	127539	34	35	2.9%
Mg	127500	1.69	1.72	1.8%	127514	1.79	1.84	2.8%	127525	1.81	1.81	0.0%	127539	1.64	1.68	2.4%
Mn	127500	1160	1180	1.7%	127514	924	952	3.0%	127525	1010	992	1.8%	127539	610	626	2.6%
Mo	127500	6.5	6.1	6.3%	127514	2.4	2.9	18.9%	127525	1.0	1.0	0.0%	127539	3.24	2.74	16.7%
Na	127500	2.39	2.41	0.8%	127514	2.67	2.78	4.0%	127525	3.03	3.04	0.3%	127539	2.54	2.64	3.9%
Ni	127500	58.4	57.5	1.6%	127514	64.2	64.1	0.2%	127525	61.1	63.9	4.5%	127539	162	161	0.6%
P	127500	703	679	3.5%	127514	632	594	6.2%	127525	618	660	6.6%	127539	147	148	0.7%
Pb	127500	< 20	< 20	0.0%	127514	< 20	< 20	0.0%	127525	< 20	< 20	0.0%	127539	21	19	10.0%
Rb	127500	< 50	< 50	0.0%	127514	< 50	< 50	0.0%	127525	< 50	< 50	0.0%	127539	< 50	< 50	0.0%
S	127500	0.11	0.11	0.0%	127514	0.11	0.11	0.0%	127525	0.08	0.08	0.0%	127539	0.04	0.04	0.0%
Sb	127500	< 1	< 1	0.0%	127514	2	2	0.0%	127525	< 1	< 1	0.0%	127539	< 1	< 1	0.0%
Sc	127500	19	19	0.0%	127514	18	18	0.0%	127525	19	19	0.0%	127539	5	5	0.0%
Se	127500	< 10	< 10	0.0%	127514	< 10	< 10	0.0%	127525	< 10	< 10	0.0%	127539	< 10	< 10	0.0%
Sn	127500	< 5	< 5	0.0%	127514	< 5	< 5	0.0%	127525	< 5	< 5	0.0%	127539	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	127500	334	328	1.8%	127514	436	447	2.5%	127525	546	546	0.0%	127539	198	207	4.4%
Ta	127500	< 10	< 10	0.0%	127514	< 10	< 10	0.0%	127525	< 10	< 10	0.0%	127539	< 10	< 10	0.0%
Te	127500	< 10	< 10	0.0%	127514	< 10	< 10	0.0%	127525	< 10	< 10	0.0%	127539	< 10	< 10	0.0%
Th	127500	< 5	< 5	0.0%	127514	< 5	< 5	0.0%	127525	< 5	< 5	0.0%	127539	< 5	< 5	0.0%
Ti	127500	0.445	0.454	2.0%	127514	0.40	0.41	2.5%	127525	0.43	0.43	0.0%	127539	0.08	0.08	0.0%
Tl	127500	< 5	< 5	0.0%	127514	< 5	< 5	0.0%	127525	< 5	< 5	0.0%	127539	< 5	< 5	0.0%
U	127500	< 50	< 50	0.0%	127514	< 50	< 50	0.0%	127525	< 50	< 50	0.0%	127539	< 50	< 50	0.0%
V	127500	143	142	0.7%	127514	141	137	2.9%	127525	135	136	0.7%	127539	19.9	19.7	1.0%
W	127500	< 1	< 1	0.0%	127514	< 1	< 1	0.0%	127525	< 1	< 1	0.0%	127539	< 1	< 1	0.0%
Y	127500	15	14	6.9%	127514	14	14	0.0%	127525	14	14	0.0%	127539	8	8	0.0%
Zn	127500	71.4	70.8	0.8%	127514	66.0	68.3	3.4%	127525	70.0	67.3	3.9%	127539	117	120	2.5%
Zr	127500	98	93	5.2%	127514	92	94	2.2%	127525	92	91	1.1%	127539	54	52	3.8%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	127550	< 0.5	< 0.5	0.0%	127564	< 0.5	< 0.5	0.0%								
Al	127550	7.70	7.69	0.1%	127564	7.69	7.80	1.4%								
As	127550	< 1	4		127564	3	4	28.6%								
Ba	127550	775	776	0.1%	127564	752	771	2.5%								
Be	127550	1.9	1.9	0.0%	127564	0.78	0.75	3.9%								
Bi	127550	< 1	1		127564	< 1	< 1	0.0%								
Ca	127550	1.93	1.95	1.0%	127564	0.634	0.646	1.9%								
Cd	127550	< 0.5	< 0.5	0.0%	127564	< 0.5	< 0.5	0.0%								
Ce	127550	43	43	0.0%	127564	145	152	4.7%								
Co	127550	5.3	5.3	0.0%	127564	< 0.5	< 0.5	0.0%								
Cr	127550	51.4	45.9	11.3%	127564	14.6	14.7	0.7%								
Cu	127550	70.7	68.3	3.5%	127564	1.7	1.3									
Fe	127550	1.85	1.85	0.0%	127564	0.49	0.47	4.2%								
Ga	127550	24	26	8.0%	127564	14	13	7.4%								
In	127550	< 1	< 1	0.0%	127564	< 1	< 1	0.0%								
K	127550	1.78	1.79	0.6%	127564	6.20	6.36	2.5%								
La	127550	19	19	0.0%	127564	69	72	4.3%								
Li	127550	27	27	0.0%	127564	4	4	0.0%								
Mg	127550	0.700	0.694	0.9%	127564	0.07	0.07	0.0%								
Mn	127550	267	261	2.3%	127564	69	66	4.4%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	127550	6.32	6.75	6.6%	127564	4.7	4.6	2.2%								
Na	127550	3.70	3.69	0.3%	127564	2.53	2.58	2.0%								
Ni	127550	20.6	20.0	3.0%	127564	1.1	0.9	20.0%								
P	127550	454	482	6.0%	127564	691	677	2.0%								
Pb	127550	< 20	< 20	0.0%	127564	29	30	3.4%								
Rb	127550	< 50	< 50	0.0%	127564	< 50	< 50	0.0%								
S	127550	0.286	0.273	4.7%	127564	0.02	0.02	0.0%								
Sb	127550	2	< 1		127564	< 1	< 1	0.0%								
Sc	127550	4	4	0.0%	127564	< 1	< 1	0.0%								
Se	127550	< 10	< 10	0.0%	127564	< 10	14									
Sn	127550	< 5	< 5	0.0%	127564	< 5	< 5	0.0%								
Sr	127550	737	717	2.8%	127564	169	173	2.3%								
Ta	127550	< 10	< 10	0.0%	127564	< 10	< 10	0.0%								
Te	127550	< 10	< 10	0.0%	127564	< 10	< 10	0.0%								
Th	127550	< 5	< 5	0.0%	127564	30	30	0.0%								
Ti	127550	0.17	0.17	0.0%	127564	0.01	0.01	0.0%								
Tl	127550	< 5	< 5	0.0%	127564	< 5	< 5	0.0%								
U	127550	< 50	< 50	0.0%	127564	< 50	< 50	0.0%								
V	127550	31.1	32.1	3.2%	127564	2.7	2.7	0.0%								
W	127550	< 1	< 1	0.0%	127564	< 1	< 1	0.0%								
Y	127550	7	7	0.0%	127564	11	11	0.0%								
Zn	127550	54.8	46.8	15.7%	127564	5.0	5.1	2.0%								
Zr	127550	84	86	2.4%	127564	42	43	2.4%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	127500	0.018	0.029		127515	0.005	0.005	0.0%	127525	0.0052	0.0060	14.3%	127539	0.005	0.005	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	127550	0.007	0.007	0.0%	127564	0.001	< 0.001									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.96	100%	90% - 110%	8.17	8.22	101%	90% - 110%	6.96	6.78	97%	90% - 110%				
As					26	24	92%	90% - 110%	124	114	92%	90% - 110%				
Ba	340	347	102%	90% - 110%	540	516	95%	90% - 110%	186	187	100%	90% - 110%				
Be	2.6	2.8	106%	90% - 110%	4.0	3.4	84%	90% - 110%					2.6	2.7	105%	90% - 110%
Ca	5.72	5.68	99%	90% - 110%	0.907	0.893	99%	90% - 110%	4.01	3.96	99%	90% - 110%				
Ce	122	118	97%	90% - 110%	98	96	98%	90% - 110%	24	22	91%	90% - 110%				
Co									22.1	20	90%	90% - 110%				
Cr					60.3	59.5	99%	90% - 110%								
Cu					150	149	99%	90% - 110%	88.6	83.7	94%	90% - 110%				
Fe	4.34	4.16	96%	90% - 110%	3.77	3.66	97%	90% - 110%	7.56	7.14	94%	90% - 110%				
Ga	35	34	96%	90% - 110%												
K	1.37	1.45	106%	90% - 110%					2.021	2.032	101%	90% - 110%				
La	58	53	91%	90% - 110%	44	39	88%	90% - 110%								
Li	37	40	108%	90% - 110%	47	49	104%	90% - 110%								
Mg	0.325	0.303	93%	90% - 110%	1.10	1.05	95%	90% - 110%	2.412	2.314	96%	90% - 110%				
Mn					780	754	97%	90% - 110%	1510	1421	94%	90% - 110%				
Mo					14	13	90%	90% - 110%								
Na	5.267	5.447	103%	90% - 110%	1.624	1.678	103%	90% - 110%	0.617	0.63	102%	90% - 110%				
Ni					32	30	94%	90% - 110%	77.1	71.7	93%	90% - 110%				
P					750	678	90%	90% - 110%	892	859	96%	90% - 110%				
Pb	10	8	84%	90% - 110%	31	30	97%	90% - 110%								
S									0.348	0.317	91%	90% - 110%				
Sb					0.8	0.7	93%	90% - 110%								
Sc					12	11	95%	90% - 110%								
Sr	1191	1240	104%	90% - 110%	144	148	103%	90% - 110%	92.8	90	97%	90% - 110%				
Ti	0.172	0.174	101%	90% - 110%	0.53	0.48	91%	90% - 110%								
V	8	7	83%	90% - 110%	77	74	96%	90% - 110%								
Y	119	114	96%	90% - 110%												
Zn	93	93	100%	90% - 110%	130	117	90%	90% - 110%	208	208	100%	90% - 110%				
	CRM #5 (ref.SY-4)															
Parameter	Expect	Actual	Recovery	Limits												



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Al	10.95	10.72	98%	90% - 110%												
Ba	340	341	100%	90% - 110%												
Be	2.6	2.7	104%	90% - 110%												
Ca	5.72	5.69	100%	90% - 110%												
Ce	122	120	98%	90% - 110%												
Fe	4.34	4.08	94%	90% - 110%												
Ga	35	35	101%	90% - 110%												
K	1.37	1.43	104%	90% - 110%												
La	58	54	93%	90% - 110%												
Li	37	39	106%	90% - 110%												
Mg	0.325	0.301	93%	90% - 110%												
Na	5.267	5.397	102%	90% - 110%												
Pb	10	8	75%	90% - 110%												
Sr	1191	1185	99%	90% - 110%												
Ti	0.172	0.167	97%	90% - 110%												
V	8	7	88%	90% - 110%												
Y	119	117	98%	90% - 110%												
Zn	93	92	99%	90% - 110%												

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6E)				CRM #3 (ref.1P5Q)				CRM #4 (ref.GS5W)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.27	5.02	95%	90% - 110%	6.06	6.31	104%	90% - 110%	1.329	1.284	97%	90% - 110%	5.27	5.28	100%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00622  
 SAMPLING SITE:

AGAT WORK ORDER: 19T456067  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00623

AGAT WORK ORDER: 19T456070

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Apr 29, 2019

PAGES (INCLUDING COVER): 13

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.





# Certificate of Analysis

AGAT WORK ORDER: 19T456070

PROJECT: AGAT00623

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (200-) Sample Login Weight

DATE SAMPLED: Apr 10, 2019

DATE RECEIVED: Apr 11, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID)	RDL:
D61411 (127577)	0.01
D61411 (127577)	1.36
D61412 (127578)	1.10
D61413 (127579)	2.16
D61414 (127580)	2.02
D61415 (127581)	1.80
D61416 (127582)	2.18
D61417 (127583)	2.33
D61418 (127584)	2.33
D61419 (127585)	1.09
D61420 (127586)	0.83
D61421 (127587)	2.60
D61422 (127588)	2.09
D61423 (127589)	2.17
D61424 (127590)	1.86
D61425 (127591)	2.77
D61426 (127592)	0.07
D61427 (127593)	2.13
D61428 (127594)	1.97
D61429 (127595)	2.58
D61430 (127596)	2.44
D61431 (127597)	1.80
D61432 (127598)	0.85
D61433 (127599)	1.63
D61434 (127600)	0.68
D61435 (127601)	1.95
D61436 (127602)	2.05
D61437 (127603)	1.51
D61438 (127604)	1.51
D61439 (127605)	2.06

Comments: RDL - Reported Detection Limit

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T456070

PROJECT: AGAT00623

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 10, 2019	DATE RECEIVED: Apr 11, 2019							DATE REPORTED: Apr 29, 2019				SAMPLE TYPE: Drill Core			
Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5	
D61411 (127577)	<0.5	6.02	2	904	2.3	<1	0.58	<0.5	9	<0.5	15.2	2.5	0.52	15	
D61412 (127578)	<0.5	0.08	<1	20	<0.5	<1	29.0	<0.5	<1	0.8	5.3	<0.5	0.15	13	
D61413 (127579)	<0.5	5.77	2	770	0.6	<1	0.52	<0.5	10	<0.5	17.3	1.3	0.81	14	
D61414 (127580)	<0.5	7.06	<1	480	0.9	1	0.58	<0.5	5	<0.5	13.6	1.3	0.47	16	
D61415 (127581)	<0.5	7.35	6	285	1.3	<1	0.85	<0.5	8	<0.5	11.0	1.7	0.62	17	
D61416 (127582)	<0.5	7.73	5	354	1.2	<1	0.85	<0.5	54	0.5	12.5	2.0	1.16	18	
D61417 (127583)	<0.5	6.83	2	275	1.1	<1	1.76	<0.5	32	3.8	22.7	18.5	1.46	23	
D61418 (127584)	<0.5	6.85	2	283	1.1	<1	1.83	<0.5	33	3.7	22.9	18.2	1.52	23	
D61419 (127585)	<0.5	7.00	<1	307	2.1	2	2.10	<0.5	44	7.5	23.5	110	2.02	29	
D61420 (127586)	<0.5	7.13	<1	845	2.4	3	2.06	<0.5	46	8.3	23.4	194	1.87	28	
D61421 (127587)	<0.5	7.32	<1	925	2.3	<1	2.10	<0.5	48	6.3	28.3	174	1.72	29	
D61422 (127588)	<0.5	7.51	6	982	2.2	2	2.43	<0.5	47	6.3	23.7	237	1.94	26	
D61423 (127589)	<0.5	6.94	3	523	2.3	2	2.20	<0.5	47	6.2	25.7	106	1.96	25	
D61424 (127590)	<0.5	7.19	3	921	2.2	4	2.38	<0.5	49	6.1	23.3	147	1.80	26	
D61425 (127591)	<0.5	7.47	<1	1010	2.0	2	2.04	<0.5	51	6.2	22.0	86.3	1.73	29	
D61426 (127592)	<0.5	7.03	<1	140	0.9	13	6.79	<0.5	9	38.7	128	155	7.81	35	
D61427 (127593)	<0.5	7.14	1	674	2.5	<1	1.82	<0.5	38	5.1	22.4	113	2.24	28	
D61428 (127594)	<0.5	7.43	<1	989	2.2	1	2.11	<0.5	50	6.0	33.2	39.0	2.25	29	
D61429 (127595)	<0.5	7.71	4	1250	1.9	3	2.15	<0.5	48	6.4	22.5	163	2.02	29	
D61430 (127596)	<0.5	7.93	<1	876	2.1	5	2.40	<0.5	42	4.8	29.1	94.8	2.32	29	
D61431 (127597)	<0.5	7.88	4	408	2.2	5	2.19	<0.5	45	4.7	26.7	79.6	2.46	29	
D61432 (127598)	<0.5	0.08	<1	17	<0.5	<1	29.1	<0.5	<1	1.0	3.0	<0.5	0.14	13	
D61433 (127599)	<0.5	7.72	<1	766	1.2	<1	1.13	<0.5	53	<0.5	7.5	4.1	0.92	18	
D61434 (127600)	<0.5	8.53	8	570	1.8	<1	2.07	<0.5	105	1.1	10.4	28.6	1.31	25	
D61435 (127601)	<0.5	7.76	<1	459	2.6	4	2.76	<0.5	103	7.0	54.3	47.1	3.32	33	
D61436 (127602)	<0.5	7.90	<1	863	2.6	4	2.83	<0.5	103	6.7	51.2	54.2	3.05	32	
D61437 (127603)	<0.5	7.42	8	507	2.6	4	2.54	<0.5	92	6.7	55.3	45.0	2.73	32	
D61438 (127604)	<0.5	7.49	1	498	2.6	1	2.49	<0.5	93	7.6	62.4	44.9	2.77	32	
D61439 (127605)	<0.5	8.20	<1	182	2.6	1	2.24	<0.5	135	5.7	54.7	38.6	4.44	35	

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T456070

PROJECT: AGAT00623

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 10, 2019

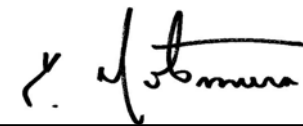
DATE RECEIVED: Apr 11, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Rb ppm	S %	Sb ppm
D61411 (127577)		<1	4.04	4	4	0.14	65	9.2	2.10	5.2	46	<20	<50	0.03	<1
D61412 (127578)		<1	0.03	<2	1	2.62	48	3.5	0.04	1.0	88	<20	<50	<0.01	1
D61413 (127579)		<1	4.56	5	4	0.14	74	6.9	1.56	2.2	154	25	<50	0.02	<1
D61414 (127580)		<1	4.57	2	3	0.08	46	5.9	2.39	1.0	57	21	<50	<0.01	<1
D61415 (127581)		<1	3.47	4	3	0.06	61	5.7	2.98	0.8	179	<20	<50	<0.01	<1
D61416 (127582)		<1	4.53	26	2	0.06	77	5.4	2.81	1.7	176	23	<50	0.01	<1
D61417 (127583)		<1	3.90	16	4	0.57	279	5.5	2.66	11.7	71	<20	<50	0.02	<1
D61418 (127584)		<1	4.13	16	4	0.61	295	6.0	2.61	12.1	70	<20	<50	0.03	2
D61419 (127585)		<1	1.10	20	12	0.85	400	5.6	3.41	21.7	528	<20	<50	0.34	<1
D61420 (127586)		<1	1.45	21	21	0.84	339	6.4	3.14	24.6	548	<20	<50	0.45	<1
D61421 (127587)		<1	1.69	22	22	0.81	319	6.4	3.26	20.5	573	<20	<50	0.36	2
D61422 (127588)		<1	1.80	21	18	0.83	349	4.1	3.21	20.2	549	<20	<50	0.44	<1
D61423 (127589)		<1	1.60	22	15	0.86	378	6.8	3.48	19.4	507	<20	<50	0.22	<1
D61424 (127590)		<1	1.84	21	20	0.77	358	4.8	3.39	19.9	557	<20	<50	0.25	<1
D61425 (127591)		<1	2.18	24	24	0.77	283	5.6	3.27	21.6	545	<20	<50	0.19	<1
D61426 (127592)		<1	0.19	5	12	4.19	1370	<0.5	2.06	83.3	347	<20	<50	0.14	<1
D61427 (127593)		<1	1.60	16	21	0.95	331	4.6	3.36	15.4	633	<20	<50	0.18	<1
D61428 (127594)		<1	1.92	24	42	1.16	357	9.1	3.22	36.3	581	<20	<50	0.09	<1
D61429 (127595)		<1	1.72	22	42	0.80	279	4.8	3.39	14.8	533	<20	<50	0.28	<1
D61430 (127596)		<1	1.55	19	26	0.85	370	5.2	3.52	15.1	563	<20	<50	0.16	<1
D61431 (127597)		<1	1.21	21	33	0.82	372	3.7	3.70	15.3	519	<20	<50	0.15	<1
D61432 (127598)		<1	0.02	<2	1	2.70	57	4.1	0.04	0.8	81	<20	<50	<0.01	<1
D61433 (127599)		<1	4.46	27	9	0.15	105	4.6	2.74	2.4	498	<20	<50	0.02	2
D61434 (127600)		<1	2.32	50	12	0.33	191	4.3	3.87	4.5	734	<20	<50	0.06	<1
D61435 (127601)		<1	1.36	46	48	1.54	566	3.9	3.39	29.7	1080	<20	<50	0.10	<1
D61436 (127602)		<1	1.69	46	38	1.51	535	4.1	3.33	31.2	964	<20	<50	0.12	<1
D61437 (127603)		<1	1.27	42	31	1.27	461	8.0	3.31	29.6	849	<20	<50	0.11	<1
D61438 (127604)		<1	1.28	43	31	1.28	469	6.5	3.25	32.3	901	<20	<50	0.12	<1
D61439 (127605)		<1	1.21	65	46	1.02	564	7.7	3.75	24.0	862	<20	<50	0.10	<1

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T456070

PROJECT: AGAT00623

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 10, 2019

DATE RECEIVED: Apr 11, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D61411 (127577)	1	<10	<5	116	<10	<10	<5	0.02	<5	<50	18.7	3	2	7.3
D61412 (127578)	<1	<10	<5	58	<10	<10	<5	<0.01	<5	<50	1.6	<1	2	4.9
D61413 (127579)	<1	<10	<5	117	<10	<10	<5	0.02	<5	<50	8.8	<1	3	12.3
D61414 (127580)	<1	<10	<5	132	<10	<10	<5	0.01	<5	<50	3.9	2	2	7.6
D61415 (127581)	<1	<10	<5	140	<10	<10	5	0.01	<5	<50	5.8	2	5	8.3
D61416 (127582)	<1	<10	<5	148	<10	<10	14	0.01	<5	<50	8.2	2	5	10.1
D61417 (127583)	5	<10	<5	153	<10	<10	<5	0.08	<5	<50	28.3	4	4	16.4
D61418 (127584)	5	<10	<5	158	<10	<10	<5	0.10	<5	<50	27.6	4	4	18.2
D61419 (127585)	5	<10	<5	467	<10	<10	<5	0.19	<5	<50	40.6	3	11	58.3
D61420 (127586)	7	<10	<5	574	<10	<10	<5	0.18	<5	<50	46.0	5	12	58.6
D61421 (127587)	5	<10	<5	535	<10	<10	<5	0.19	<5	<50	43.9	2	12	50.3
D61422 (127588)	6	<10	<5	563	<10	<10	<5	0.20	<5	<50	43.2	5	13	60.5
D61423 (127589)	6	<10	<5	410	<10	<10	<5	0.15	<5	<50	37.6	3	10	25.4
D61424 (127590)	6	<10	<5	529	<10	<10	<5	0.17	<5	<50	41.1	1	11	31.4
D61425 (127591)	5	<10	<5	577	<10	<10	<5	0.17	<5	<50	40.0	<1	9	38.5
D61426 (127592)	44	<10	<5	108	<10	11	<5	0.63	<5	<50	311	4	22	78.1
D61427 (127593)	6	<10	<5	491	<10	<10	<5	0.18	<5	<50	44.7	3	10	35.8
D61428 (127594)	6	<10	<5	657	<10	<10	<5	0.19	<5	<50	48.3	2	10	50.0
D61429 (127595)	6	<10	<5	917	<10	<10	<5	0.21	<5	<50	50.6	2	8	51.2
D61430 (127596)	7	<10	<5	737	<10	<10	<5	0.22	<5	<50	58.3	2	10	56.5
D61431 (127597)	6	<10	<5	566	<10	<10	<5	0.22	<5	<50	53.0	<1	8	74.9
D61432 (127598)	<1	<10	<5	63	<10	<10	<5	<0.01	<5	<50	1.6	2	2	11.2
D61433 (127599)	1	<10	<5	271	<10	<10	9	0.03	<5	<50	8.0	4	6	23.8
D61434 (127600)	2	<10	<5	333	<10	<10	12	0.06	<5	<50	9.0	4	9	35.8
D61435 (127601)	9	<10	<5	847	<10	<10	<5	0.27	<5	<50	73.3	<1	18	108
D61436 (127602)	9	<10	<5	1020	<10	<10	<5	0.27	<5	<50	72.2	3	18	81.7
D61437 (127603)	7	<10	<5	872	<10	<10	<5	0.23	<5	<50	63.2	3	16	73.3
D61438 (127604)	8	<10	<5	860	<10	<10	<5	0.24	<5	<50	66.2	2	16	74.8
D61439 (127605)	7	<10	<5	499	<10	<10	<5	0.24	<5	<50	61.7	4	15	144

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456070

PROJECT: AGAT00623

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 10, 2019      DATE RECEIVED: Apr 11, 2019      DATE REPORTED: Apr 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D61411 (127577)				6
D61412 (127578)				<5
D61413 (127579)				11
D61414 (127580)				19
D61415 (127581)				111
D61416 (127582)				83
D61417 (127583)				26
D61418 (127584)				21
D61419 (127585)				93
D61420 (127586)				96
D61421 (127587)				103
D61422 (127588)				83
D61423 (127589)				60
D61424 (127590)				72
D61425 (127591)				95
D61426 (127592)				56
D61427 (127593)				70
D61428 (127594)				95
D61429 (127595)				76
D61430 (127596)				84
D61431 (127597)				85
D61432 (127598)				<5
D61433 (127599)				23
D61434 (127600)				19
D61435 (127601)				131
D61436 (127602)				123
D61437 (127603)				124
D61438 (127604)				124
D61439 (127605)				131

Comments: RDL - Reported Detection Limit  
 127577-127605 As, Sb values may be low due to digestion losses.

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456070

PROJECT: AGAT00623

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 10, 2019      DATE RECEIVED: Apr 11, 2019      DATE REPORTED: Apr 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D61411 (127577)			0.050
D61412 (127578)			0.006
D61413 (127579)			0.005
D61414 (127580)			0.003
D61415 (127581)			0.004
D61416 (127582)			0.003
D61417 (127583)			0.002
D61418 (127584)			0.002
D61419 (127585)			0.011
D61420 (127586)			0.019
D61421 (127587)			0.017
D61422 (127588)			0.017
D61423 (127589)			0.009
D61424 (127590)			0.017
D61425 (127591)			0.009
D61426 (127592)			0.542
D61427 (127593)			0.013
D61428 (127594)			0.016
D61429 (127595)			0.019
D61430 (127596)			0.007
D61431 (127597)			0.010
D61432 (127598)			0.001
D61433 (127599)			0.001
D61434 (127600)			0.004
D61435 (127601)			0.008
D61436 (127602)			0.008
D61437 (127603)			0.012
D61438 (127604)			0.015
D61439 (127605)			0.009

Comments: RDL - Reported Detection Limit

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T456070

PROJECT: AGAT00623

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 10, 2019

DATE RECEIVED: Apr 11, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D61411 (127577)		83
D61430 (127596)		81

Comments: RDL - Reported Detection Limit

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T456070

PROJECT: AGAT00623

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 10, 2019	DATE RECEIVED: Apr 11, 2019	DATE REPORTED: Apr 29, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D61411 (127577)		97
D61436 (127602)		99

Comments: RDL - Reported Detection Limit

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	127577	< 0.5	< 0.5	0.0%	127591	< 0.5	< 0.5	0.0%	127602	< 0.5	< 0.5	0.0%				
Al	127577	6.02	5.97	0.8%	127591	7.47	7.22	3.4%	127602	7.90	7.37	6.9%				
As	127577	2	< 1		127591	< 1	< 1	0.0%	127602	< 1	5					
Ba	127577	904	869	3.9%	127591	1010	1020	1.0%	127602	863	834	3.4%				
Be	127577	2.3	1.2		127591	2.0	2.0	0.0%	127602	2.60	2.75	5.6%				
Bi	127577	< 1	< 1	0.0%	127591	2	2	0.0%	127602	4	3	28.6%				
Ca	127577	0.581	0.561	3.5%	127591	2.04	1.98	3.0%	127602	2.83	2.71	4.3%				
Cd	127577	< 0.5	< 0.5	0.0%	127591	< 0.5	< 0.5	0.0%	127602	< 0.5	< 0.5	0.0%				
Ce	127577	9	10	10.5%	127591	51	51	0.0%	127602	103	97	6.0%				
Co	127577	< 0.5	< 0.5	0.0%	127591	6.2	6.0	3.3%	127602	6.7	6.7	0.0%				
Cr	127577	15.2	13.8	9.7%	127591	22.0	21.3	3.2%	127602	51.2	57.3	11.2%				
Cu	127577	2.5	2.5	0.0%	127591	86.3	86.4	0.1%	127602	54.2	50.4	7.3%				
Fe	127577	0.522	0.513	1.7%	127591	1.73	1.66	4.1%	127602	3.05	2.99	2.0%				
Ga	127577	15	16	6.5%	127591	29	28	3.5%	127602	32	31	3.2%				
In	127577	< 1	< 1	0.0%	127591	< 1	< 1	0.0%	127602	< 1	< 1	0.0%				
K	127577	4.04	4.01	0.7%	127591	2.18	2.07	5.2%	127602	1.69	1.58	6.7%				
La	127577	4	4	0.0%	127591	24	24	0.0%	127602	46	44	4.4%				
Li	127577	4	4	0.0%	127591	24	22	8.7%	127602	38	35	8.2%				
Mg	127577	0.14	0.14	0.0%	127591	0.77	0.76	1.3%	127602	1.51	1.43	5.4%				
Mn	127577	65	62	4.7%	127591	283	277	2.1%	127602	535	514	4.0%				
Mo	127577	9.2	9.3	1.1%	127591	5.6	4.9	13.3%	127602	4.1	6.4					
Na	127577	2.10	2.07	1.4%	127591	3.27	3.29	0.6%	127602	3.33	3.14	5.9%				
Ni	127577	5.2	5.0	3.9%	127591	21.6	20.3	6.2%	127602	31.2	31.1	0.3%				
P	127577	46	38	19.0%	127591	545	533	2.2%	127602	964	950	1.5%				
Pb	127577	19	24	23.3%	127591	< 20	< 20	0.0%	127602	< 20	< 20	0.0%				
Rb	127577	< 50	< 50	0.0%	127591	< 50	< 50	0.0%	127602	< 50	< 50	0.0%				
S	127577	0.032	0.024	28.6%	127591	0.191	0.199	4.1%	127602	0.116	0.114	1.7%				
Sb	127577	< 1	< 1	0.0%	127591	< 1	< 1	0.0%	127602	< 1	< 1	0.0%				
Sc	127577	1	1	0.0%	127591	5	5	0.0%	127602	9	8	11.8%				
Se	127577	< 10	< 10	0.0%	127591	< 10	< 10	0.0%	127602	< 10	< 10	0.0%				
Sn	127577	< 5	< 5	0.0%	127591	< 5	< 5	0.0%	127602	< 5	< 5	0.0%				



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	127577	116	112	3.5%	127591	577	562	2.6%	127602	1020	954	6.7%				
Ta	127577	< 10	< 10	0.0%	127591	< 10	< 10	0.0%	127602	< 10	< 10	0.0%				
Te	127577	< 10	< 10	0.0%	127591	< 10	< 10	0.0%	127602	< 10	< 10	0.0%				
Th	127577	< 5	< 5	0.0%	127591	< 5	< 5	0.0%	127602	< 5	< 5	0.0%				
Ti	127577	0.02	0.02	0.0%	127591	0.169	0.164	3.0%	127602	0.269	0.251	6.9%				
Tl	127577	< 5	< 5	0.0%	127591	< 5	< 5	0.0%	127602	< 5	< 5	0.0%				
U	127577	< 50	< 50	0.0%	127591	< 50	< 50	0.0%	127602	< 50	< 50	0.0%				
V	127577	18.7	18.3	2.2%	127591	40.0	38.1	4.9%	127602	72.2	69.2	4.2%				
W	127577	3	3	0.0%	127591	< 1	2		127602	3	1					
Y	127577	2	2	0.0%	127591	9	9	0.0%	127602	18	17	5.7%				
Zn	127577	7.3	5.7	24.6%	127591	38.5	36.7	4.8%	127602	81.7	74.2	9.6%				
Zr	127577	6	6	0.0%	127591	95	83	13.5%	127602	123	120	2.5%				

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Au	127577	0.050	0.055	9.5%	127591	0.009	0.009	0.0%	127602	0.008	0.010	22.2%				



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

**(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish**

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)									
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits						
Al	10.95	10.86	99%	90% - 110%	8.17	8.1	99%	90% - 110%						
As					26	23	88%	90% - 110%						
Ba	340	326	96%	90% - 110%	540	505	93%	90% - 110%						
Be	2.6	2.8	109%	90% - 110%	4.0	3.5	87%	90% - 110%						
Ca	5.72	5.63	98%	90% - 110%	0.907	0.874	96%	90% - 110%						
Ce	122	116	95%	90% - 110%	98	98	100%	90% - 110%						
Cr					60.3	61.6	102%	90% - 110%						
Cu	7	6	82%	90% - 110%	150	149	99%	90% - 110%						
Fe	4.34	4.14	95%	90% - 110%	3.77	3.65	97%	90% - 110%						
Ga	35	37	106%	90% - 110%										
K	1.37	1.34	98%	90% - 110%										
La	58	52	90%	90% - 110%	44	43	97%	90% - 110%						
Li	37	38	103%	90% - 110%	47	46	98%	90% - 110%						
Mg	0.325	0.302	93%	90% - 110%	1.10	1.05	96%	90% - 110%						
Mn					780	750	96%	90% - 110%						
Mo					14	14	99%	90% - 110%						
Na	5.267	4.909	93%	90% - 110%	1.624	1.541	95%	90% - 110%						
Ni					32	31	96%	90% - 110%						
P					750	678	90%	90% - 110%						
Pb	10	8	80%	90% - 110%	31	32	104%	90% - 110%						
Sc	1.1	0.8	72%	90% - 110%	12	12	101%	90% - 110%						
Sr	1191	1140	96%	90% - 110%	144	146	101%	90% - 110%						
Ti	0.172	0.158	92%	90% - 110%	0.53	0.45	84%	90% - 110%						
V	8	9	115%	90% - 110%	77	80	103%	90% - 110%						
W					5	6	116%	90% - 110%						
Y	119	119	100%	90% - 110%										
Zn	93	92	99%	90% - 110%	130	123	95%	90% - 110%						

**(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)**

Parameter	CRM #1 (ref.GSP7M)				CRM #2 (ref.GSP5G)									
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits						
Au	0.725	0.743	102%	90% - 110%	0.562	0.54	96%	90% - 110%						

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00623  
 SAMPLING SITE:

AGAT WORK ORDER: 19T456070  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00624

AGAT WORK ORDER: 19T456493

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Apr 26, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T456493

PROJECT: AGAT00624

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 11, 2019

DATE RECEIVED: Apr 12, 2019

DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
Z39415 (129317)		2.08
Z39416 (129318)		3.16
Z39417 (129319)		2.45
Z39418 (129320)		2.45
Z39419 (129321)		2.62
Z39420 (129322)		2.73
Z39421 (129323)		2.43
Z39422 (129324)		2.75
Z39423 (129325)		2.70
Z39424 (129326)		2.77
Z39425 (129327)		2.57
Z39426 (129328)		0.07
Z39427 (129329)		2.86
Z39428 (129330)		1.52
Z39429 (129331)		3.31
Z39430 (129332)		2.36
Z39431 (129333)		2.22
Z39432 (129334)		1.44
Z39433 (129335)		3.04
Z39434 (129336)		1.22
Z39435 (129337)		1.26
Z39436 (129338)		2.44
Z39437 (129339)		2.28
Z39438 (129340)		2.28
Z39439 (129341)		2.24
Z39440 (129342)		2.70
Z39441 (129343)		2.55
Z39442 (129344)		2.63
Z39443 (129345)		2.57
Z39444 (129346)		2.57
Z39445 (129347)		2.64

Certified By:



## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 11, 2019

DATE RECEIVED: Apr 12, 2019

DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
Z39446 (129348)		0.07
Z39447 (129349)		2.61
Z39448 (129350)		2.57
Z39449 (129351)		2.58
Z39450 (129352)		2.62
Z39451 (129353)		2.41
Z39452 (129354)		1.23
Z39453 (129355)		1.52
Z39454 (129356)		3.63
Z39455 (129357)		2.75
Z39456 (129358)		2.62
Z39457 (129359)		2.49
Z39458 (129360)		2.49
Z39459 (129361)		2.51
Z39460 (129362)		2.51
Z39461 (129363)		2.44
Z39462 (129364)		2.54
Z39463 (129365)		2.62
Z39464 (129366)		2.62
Z39465 (129367)		2.46
Z39466 (129368)		0.07
Z39467 (129369)		2.56
Z39468 (129370)		2.49
Z39469 (129371)		2.57
Z39470 (129372)		2.58
Z39471 (129373)		2.54
Z39472 (129374)		1.11
Z39473 (129375)		1.55
Z39474 (129376)		2.43
Z39475 (129377)		3.43
Z39476 (129378)		2.55

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T456493

PROJECT: AGAT00624

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (200-) Sample Login Weight

DATE SAMPLED: Apr 11, 2019      DATE RECEIVED: Apr 12, 2019      DATE REPORTED: Apr 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
Z39477 (129379)		2.60
Z39478 (129380)		2.60
Z39479 (129381)		2.41
Z39480 (129382)		2.37
Z39481 (129383)		3.77
Z39482 (129384)		2.62
Z39483 (129385)		3.61
Z39484 (129386)		3.87
Z39485 (129387)		2.58
Z39486 (129388)		0.07

Comments: RDL - Reported Detection Limit

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T456493

PROJECT: AGAT00624

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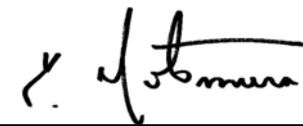
CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019	DATE RECEIVED: Apr 12, 2019							DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z39415 (129317)	<0.5	5.75	8	477	4.4	2	6.70	<0.5	29	31.0	78.0	85.6	5.83	27	
Z39416 (129318)	<0.5	3.20	<1	1080	7.9	<1	8.13	<0.5	142	49.7	420	108	8.12	41	
Z39417 (129319)	<0.5	3.57	<1	956	7.5	23	8.46	<0.5	138	47.2	401	117	9.37	39	
Z39418 (129320)	<0.5	3.37	<1	919	8.8	12	8.31	<0.5	149	50.3	449	112	9.22	44	
Z39419 (129321)	<0.5	3.75	<1	1150	7.2	27	9.15	<0.5	130	47.9	411	124	9.20	40	
Z39420 (129322)	<0.5	3.89	<1	1310	9.6	33	8.84	<0.5	127	42.0	443	128	9.08	43	
Z39421 (129323)	<0.5	3.77	<1	918	9.2	21	9.10	<0.5	145	48.8	383	123	9.19	39	
Z39422 (129324)	<0.5	6.74	<1	257	2.6	7	7.80	<0.5	27	36.3	131	109	6.88	31	
Z39423 (129325)	<0.5	7.37	<1	213	1.9	<1	7.34	<0.5	25	37.1	99.7	90.2	6.47	33	
Z39424 (129326)	<0.5	6.09	<1	413	2.8	<1	9.67	<0.5	141	31.1	88.3	88.8	7.03	30	
Z39425 (129327)	<0.5	5.02	<1	561	7.5	5	10.4	<0.5	133	35.2	116	113	7.52	38	
Z39426 (129328)	<0.5	7.26	<1	153	2.0	6	6.94	<0.5	9	35.8	114	154	7.96	33	
Z39427 (129329)	<0.5	6.78	<1	305	3.2	<1	7.91	<0.5	39	35.1	87.7	98.0	6.66	32	
Z39428 (129330)	<0.5	2.95	3	832	6.4	8	10.2	<0.5	322	49.9	309	89.2	8.20	35	
Z39429 (129331)	<0.5	7.05	<1	271	2.3	<1	7.66	<0.5	44	37.0	82.4	104	6.77	31	
Z39430 (129332)	<0.5	7.21	<1	247	1.8	<1	7.86	<0.5	30	36.3	86.8	105	6.83	34	
Z39431 (129333)	<0.5	6.65	<1	256	2.7	<1	7.90	<0.5	26	34.4	95.2	96.4	6.44	33	
Z39432 (129334)	<0.5	0.10	1	19	<0.5	<1	33.7	<0.5	<1	<0.5	3.6	<0.5	0.14	10	
Z39433 (129335)	<0.5	4.40	<1	1160	8.9	15	10.1	<0.5	131	33.9	126	187	8.29	39	
Z39434 (129336)	<0.5	4.14	<1	1280	9.1	33	10.1	<0.5	144	40.9	339	153	9.48	39	
Z39435 (129337)	0.5	5.03	5	222	2.5	1	2.50	<0.5	26	7.0	136	40.2	1.71	18	
Z39436 (129338)	<0.5	6.72	<1	76	2.3	<1	3.74	<0.5	7	18.5	90.5	58.8	3.76	29	
Z39437 (129339)	2.5	4.85	<1	74	1.4	<1	1.31	<0.5	7	1.9	90.7	31.1	0.45	10	
Z39438 (129340)	1.0	4.96	1	68	1.3	<1	1.31	<0.5	6	1.7	75.7	35.9	0.40	10	
Z39439 (129341)	0.7	6.41	2	194	2.2	<1	2.20	<0.5	9	3.0	125	19.2	0.82	16	
Z39440 (129342)	<0.5	7.74	<1	49	2.1	2	7.51	<0.5	8	38.7	130	79.7	7.60	34	
Z39441 (129343)	<0.5	7.45	<1	72	2.3	1	7.56	<0.5	12	43.3	154	65.7	7.90	35	
Z39442 (129344)	<0.5	7.67	<1	81	2.7	4	7.04	<0.5	8	39.3	116	77.4	8.13	35	
Z39443 (129345)	<0.5	5.42	<1	370	4.0	7	7.26	<0.5	57	46.7	303	92.2	8.03	35	
Z39444 (129346)	<0.5	7.45	<1	81	2.8	2	6.96	<0.5	9	39.4	127	99.7	8.06	35	
Z39445 (129347)	<0.5	7.49	<1	63	2.1	3	6.86	<0.5	8	41.0	145	88.2	8.03	35	
Z39446 (129348)	<0.5	7.11	<1	149	2.1	2	6.84	<0.5	9	37.2	114	150	7.86	32	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T456493

PROJECT: AGAT00624

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019	DATE RECEIVED: Apr 12, 2019					DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z39447 (129349)	<0.5	7.01	<1	210	2.7	9	7.54	<0.5	31	42.9	213	97.5	8.30	38	
Z39448 (129350)	<0.5	8.13	<1	102	1.8	4	7.12	<0.5	8	40.7	172	105	8.54	34	
Z39449 (129351)	<0.5	8.08	<1	128	2.0	2	6.89	<0.5	7	42.9	143	84.3	7.74	36	
Z39450 (129352)	<0.5	7.70	<1	195	2.3	2	6.78	<0.5	9	41.6	132	146	8.16	36	
Z39451 (129353)	<0.5	7.63	<1	141	1.8	2	7.19	<0.5	8	43.2	143	71.0	8.30	37	
Z39452 (129354)	<0.5	0.12	4	18	<0.5	<1	30.2	<0.5	<1	1.5	6.6	1.3	0.22	12	
Z39453 (129355)	<0.5	7.37	<1	76	1.7	3	7.02	<0.5	8	38.9	115	83.8	7.71	34	
Z39454 (129356)	<0.5	7.31	<1	91	1.5	<1	7.43	<0.5	12	38.9	84.4	103	6.80	35	
Z39455 (129357)	<0.5	7.84	<1	45	1.9	3	7.50	<0.5	8	40.7	170	119	8.27	35	
Z39456 (129358)	<0.5	7.93	<1	73	1.8	3	7.01	<0.5	15	37.9	143	176	7.46	34	
Z39457 (129359)	<0.5	5.47	<1	35	1.0	1	5.01	<0.5	3	28.9	83.1	85.1	5.06	24	
Z39458 (129360)	<0.5	8.40	<1	52	1.4	<1	7.63	<0.5	5	44.3	136	134	7.52	36	
Z39459 (129361)	<0.5	8.82	<1	75	2.0	<1	7.97	<0.5	4	39.4	117	60.8	6.63	31	
Z39460 (129362)	<0.5	8.19	<1	95	1.9	<1	7.70	<0.5	4	36.0	82.8	90.4	6.26	34	
Z39461 (129363)	<0.5	8.06	<1	26	1.3	2	7.63	<0.5	5	41.1	115	118	6.91	30	
Z39462 (129364)	<0.5	8.55	<1	27	1.2	<1	8.00	<0.5	5	43.6	119	109	7.21	34	
Z39463 (129365)	<0.5	8.14	<1	40	1.3	<1	7.61	<0.5	4	40.3	115	159	6.89	31	
Z39464 (129366)	<0.5	8.39	<1	33	1.2	<1	8.05	<0.5	4	40.5	145	145	6.41	28	
Z39465 (129367)	<0.5	7.50	<1	83	1.9	<1	7.81	<0.5	18	39.5	146	152	6.27	32	
Z39466 (129368)	<0.5	7.30	<1	197	3.0	10	6.50	<0.5	21	35.2	162	107	7.56	36	
Z39467 (129369)	<0.5	8.42	<1	54	1.3	<1	7.68	<0.5	5	38.4	148	127	6.66	31	
Z39468 (129370)	<0.5	7.16	<1	31	1.5	<1	7.34	<0.5	6	38.4	103	61.5	7.32	34	
Z39469 (129371)	<0.5	7.01	<1	52	2.1	<1	6.65	<0.5	5	37.8	86.9	119	7.96	34	
Z39470 (129372)	<0.5	6.75	<1	48	1.9	2	7.21	<0.5	5	36.1	87.6	81.1	7.41	33	
Z39471 (129373)	<0.5	7.00	<1	76	1.8	5	7.32	<0.5	6	39.7	83.2	89.5	8.10	32	
Z39472 (129374)	<0.5	0.07	1	19	<0.5	<1	32.3	<0.5	<1	0.6	9.8	<0.5	0.13	11	
Z39473 (129375)	<0.5	6.78	<1	28	1.8	<1	7.18	<0.5	6	39.1	82.8	96.5	7.74	36	
Z39474 (129376)	<0.5	6.58	<1	246	1.8	<1	1.63	<0.5	5	3.1	49.8	14.9	1.15	17	
Z39475 (129377)	<0.5	6.73	<1	31	1.7	<1	7.24	<0.5	6	39.2	56.3	169	8.01	32	
Z39476 (129378)	<0.5	6.68	<1	59	2.0	2	7.06	<0.5	8	41.0	41.6	285	9.27	41	
Z39477 (129379)	<0.5	7.41	<1	35	1.8	<1	7.14	<0.5	6	43.5	40.1	117	8.64	37	
Z39478 (129380)	<0.5	7.41	<1	34	1.5	<1	6.80	<0.5	5	37.5	22.4	129	8.11	31	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456493

PROJECT: AGAT00624

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019		DATE RECEIVED: Apr 12, 2019					DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
Z39479 (129381)		<0.5	6.70	<1	115	2.5	4	6.75	<0.5	9	40.8	22.8	97.3	9.87	40
Z39480 (129382)		<0.5	6.93	<1	63	2.2	9	6.34	<0.5	10	38.4	28.1	83.2	10.2	37
Z39481 (129383)		<0.5	7.01	<1	50	2.3	6	6.84	<0.5	9	39.4	44.2	136	9.87	39
Z39482 (129384)		<0.5	6.65	<1	50	2.2	2	6.65	<0.5	8	41.9	61.9	88.2	9.16	34
Z39483 (129385)		<0.5	6.83	<1	66	2.2	<1	6.30	<0.5	6	36.1	77.8	148	8.15	34
Z39484 (129386)		<0.5	7.95	<1	52	2.3	2	7.51	<0.5	7	43.3	84.6	169	9.44	36
Z39485 (129387)		<0.5	7.51	<1	88	2.3	<1	7.77	<0.5	8	42.5	85.7	66.2	8.11	36
Z39486 (129388)		<0.5	7.74	<1	208	2.9	8	6.84	<0.5	21	33.3	133	111	7.96	34

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T456493

PROJECT: AGAT00624

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019	DATE RECEIVED: Apr 12, 2019					DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
Z39415 (129317)	<1	0.82	13	60	3.50	1080	5.0	2.64	85.1	611	<20	<50	0.11	<1	
Z39416 (129318)	<1	1.90	61	13	7.78	1310	0.9	0.81	339	1760	<20	<50	0.18	<1	
Z39417 (129319)	<1	1.85	58	6	8.72	1530	1.1	0.97	346	2150	23	<50	0.23	2	
Z39418 (129320)	<1	1.75	63	6	8.39	1490	2.5	0.97	378	1930	23	<50	0.21	<1	
Z39419 (129321)	<1	1.74	55	7	9.07	1450	1.4	0.83	384	1990	25	<50	0.16	<1	
Z39420 (129322)	<1	1.89	49	6	9.24	1350	1.3	0.83	386	1570	27	<50	0.13	<1	
Z39421 (129323)	<1	1.63	60	4	8.42	1450	2.0	0.98	342	2280	23	<50	0.18	<1	
Z39422 (129324)	<1	0.76	13	22	4.52	1260	2.3	2.30	116	647	<20	<50	0.12	1	
Z39423 (129325)	<1	0.71	16	20	4.03	1240	5.1	2.54	90.7	279	<20	<50	0.08	<1	
Z39424 (129326)	<1	0.73	67	18	3.74	1600	4.5	2.39	73.2	2990	<20	<50	0.10	3	
Z39425 (129327)	<1	1.06	61	19	4.42	1480	12.6	2.47	92.1	3500	<20	<50	0.22	<1	
Z39426 (129328)	<1	0.21	4	12	4.26	1400	<0.5	2.30	85.3	354	<20	<50	0.14	3	
Z39427 (129329)	<1	0.75	20	29	4.06	1320	15.5	2.91	87.8	834	<20	<50	0.14	<1	
Z39428 (129330)	<1	1.38	176	64	6.83	2490	6.5	1.51	337	2760	<20	<50	0.11	<1	
Z39429 (129331)	<1	0.65	23	26	4.05	1300	2.5	2.35	89.6	627	<20	<50	0.10	<1	
Z39430 (129332)	<1	0.57	14	25	4.00	1290	2.9	2.32	84.7	520	<20	<50	0.10	<1	
Z39431 (129333)	<1	0.71	14	38	3.65	1200	1.1	2.60	73.8	1110	<20	<50	0.13	<1	
Z39432 (129334)	<1	0.02	2	1	1.91	40	1.6	0.05	0.9	88	<20	<50	<0.01	<1	
Z39433 (129335)	<1	2.78	58	37	5.79	1450	<0.5	1.21	147	2230	<20	<50	0.23	<1	
Z39434 (129336)	<1	2.18	64	15	8.51	1540	<0.5	0.92	315	3370	23	<50	0.21	1	
Z39435 (129337)	<1	0.48	11	17	0.79	291	2.3	3.55	25.4	376	<20	<50	0.08	<1	
Z39436 (129338)	<1	0.56	3	30	1.61	726	<0.5	3.99	55.3	102	<20	<50	0.05	2	
Z39437 (129339)	<1	0.30	<2	6	0.04	69	2.1	3.00	7.8	20	21	<50	0.03	3	
Z39438 (129340)	<1	0.31	<2	6	0.04	61	1.5	3.05	6.8	<10	22	<50	0.03	<1	
Z39439 (129341)	<1	0.63	3	18	0.22	133	2.1	3.68	11.3	21	<20	<50	0.02	2	
Z39440 (129342)	<1	0.58	4	12	3.62	1370	<0.5	2.40	110	250	<20	<50	0.11	<1	
Z39441 (129343)	<1	0.46	6	14	4.39	1410	<0.5	2.24	153	319	<20	<50	0.10	<1	
Z39442 (129344)	<1	0.47	4	25	4.58	1350	2.2	2.45	128	303	<20	<50	0.08	4	
Z39443 (129345)	<1	0.93	25	28	7.51	1380	1.8	1.42	324	1080	<20	<50	0.14	<1	
Z39444 (129346)	<1	0.41	4	26	4.26	1340	0.6	2.00	121	297	<20	<50	0.10	2	
Z39445 (129347)	<1	0.17	4	23	4.29	1340	1.7	1.77	121	263	<20	<50	0.08	5	
Z39446 (129348)	<1	0.20	4	12	4.18	1360	<0.5	2.28	86.2	353	<20	<50	0.14	3	

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## Certificate of Analysis

AGAT WORK ORDER: 19T456493

PROJECT: AGAT00624

5623 McADAM ROAD  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019	DATE RECEIVED: Apr 12, 2019					DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
Z39447 (129349)	<1	0.37	14	33	5.77	1390	1.2	1.50	203	580	<20	<50	0.11	<1	
Z39448 (129350)	<1	0.18	4	37	4.85	1400	1.4	1.71	140	255	<20	<50	0.08	2	
Z39449 (129351)	<1	0.20	3	41	4.87	1310	1.4	1.92	157	238	<20	<50	0.05	<1	
Z39450 (129352)	<1	0.21	4	37	4.45	1310	0.8	1.63	116	259	<20	<50	0.11	2	
Z39451 (129353)	<1	0.20	4	32	3.91	1380	1.4	1.52	120	261	<20	<50	0.07	<1	
Z39452 (129354)	<1	0.02	<2	2	2.16	63	4.7	0.04	1.6	66	<20	<50	<0.01	<1	
Z39453 (129355)	<1	0.18	4	26	3.95	1300	2.1	1.61	109	242	<20	<50	0.05	1	
Z39454 (129356)	<1	0.33	6	17	4.04	1220	2.4	1.39	88.4	219	<20	<50	0.07	2	
Z39455 (129357)	<1	0.16	4	30	4.28	1440	0.7	1.49	121	228	<20	<50	0.12	<1	
Z39456 (129358)	<1	0.15	6	29	3.36	1320	<0.5	1.54	108	312	<20	<50	0.37	<1	
Z39457 (129359)	<1	0.10	<2	25	3.07	828	<0.5	1.09	86.5	115	<20	<50	0.06	<1	
Z39458 (129360)	<1	0.15	3	39	4.62	1230	<0.5	1.71	132	161	<20	<50	0.09	4	
Z39459 (129361)	<1	0.21	3	59	4.31	1190	<0.5	1.77	115	134	<20	<50	0.02	<1	
Z39460 (129362)	<1	0.93	<2	43	3.87	1110	<0.5	2.53	101	259	<20	<50	0.03	<1	
Z39461 (129363)	<1	0.17	3	25	4.38	1160	<0.5	1.63	117	162	<20	<50	0.06	<1	
Z39462 (129364)	<1	0.13	3	32	4.76	1220	<0.5	1.61	133	149	<20	<50	0.05	5	
Z39463 (129365)	<1	0.14	3	37	4.69	1160	<0.5	1.82	121	131	<20	<50	0.04	<1	
Z39464 (129366)	<1	0.12	3	28	4.26	1100	0.9	1.81	114	160	<20	<50	0.05	3	
Z39465 (129367)	<1	0.20	8	30	4.18	1050	1.2	1.82	116	483	<20	<50	0.04	<1	
Z39466 (129368)	<1	0.44	9	10	4.20	1300	<0.5	2.34	107	793	<20	<50	0.08	<1	
Z39467 (129369)	<1	0.36	3	36	4.44	1130	<0.5	2.01	112	225	<20	<50	0.01	2	
Z39468 (129370)	<1	0.20	3	17	4.32	1320	<0.5	1.64	81.7	165	<20	<50	0.02	<1	
Z39469 (129371)	<1	0.86	3	24	4.35	1400	<0.5	2.23	66.7	440	<20	<50	0.07	4	
Z39470 (129372)	<1	0.37	3	18	4.07	1380	0.6	1.92	62.5	163	<20	<50	0.05	<1	
Z39471 (129373)	<1	0.29	3	18	4.32	1440	1.1	2.16	63.9	194	<20	<50	0.06	2	
Z39472 (129374)	<1	0.02	3	1	2.08	50	2.0	0.03	1.0	60	<20	<50	<0.01	<1	
Z39473 (129375)	<1	0.50	3	8	4.21	1400	2.3	2.05	60.2	172	<20	<50	0.08	1	
Z39474 (129376)	<1	1.73	3	20	0.36	167	6.1	3.25	7.0	37	<20	<50	0.02	3	
Z39475 (129377)	<1	0.41	3	16	3.87	1480	3.1	2.05	50.4	306	<20	<50	0.14	<1	
Z39476 (129378)	<1	0.21	4	24	3.94	1660	1.3	1.75	47.2	223	<20	<50	0.21	<1	
Z39477 (129379)	<1	0.23	3	26	4.20	1610	1.3	1.95	55.7	195	<20	<50	0.06	<1	
Z39478 (129380)	<1	0.22	2	25	3.92	1530	1.4	1.93	49.0	172	<20	<50	0.06	3	

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## Certificate of Analysis

AGAT WORK ORDER: 19T456493

PROJECT: AGAT00624

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019	DATE RECEIVED: Apr 12, 2019					DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
Z39479 (129381)	<1	0.34	4	32	3.36	1450	1.1	1.65	38.3	310	<20	<50	0.03	<1	
Z39480 (129382)	<1	0.27	4	41	3.68	1510	1.0	1.82	40.1	303	<20	<50	<0.01	3	
Z39481 (129383)	<1	0.19	4	45	3.97	1670	2.3	1.86	47.8	245	<20	<50	0.01	<1	
Z39482 (129384)	<1	0.15	4	33	3.77	1460	3.2	1.43	51.6	261	<20	<50	0.02	<1	
Z39483 (129385)	<1	0.59	3	37	3.96	1290	2.2	2.22	66.0	296	<20	<50	0.10	4	
Z39484 (129386)	<1	0.21	3	38	4.57	1720	1.9	1.95	83.6	252	<20	<50	0.21	<1	
Z39485 (129387)	<1	0.51	4	21	3.67	1700	1.6	2.37	79.2	254	<20	<50	0.11	1	
Z39486 (129388)	<1	0.47	9	11	4.41	1380	<0.5	2.47	106	760	<20	<50	0.09	2	

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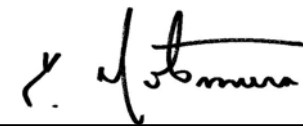
CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019	DATE RECEIVED: Apr 12, 2019					DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Z39415 (129317)	31	<10	<5	294	<10	<10	<5	0.42	<5	<50	193	<1	18	63.7	
Z39416 (129318)	23	<10	<5	714	<10	51	<5	1.67	<5	<50	274	<1	24	77.6	
Z39417 (129319)	20	<10	<5	735	<10	50	<5	2.00	<5	<50	267	<1	22	88.7	
Z39418 (129320)	22	<10	<5	707	<10	52	<5	1.94	<5	<50	298	<1	24	95.1	
Z39419 (129321)	23	<10	<5	747	<10	55	<5	2.22	<5	<50	286	<1	21	82.0	
Z39420 (129322)	28	<10	<5	672	<10	69	<5	2.63	<5	<50	276	<1	19	79.3	
Z39421 (129323)	23	<10	<5	782	<10	64	<5	2.32	<5	<50	295	<1	22	84.0	
Z39422 (129324)	32	<10	<5	294	<10	13	<5	0.68	<5	<50	220	<1	16	68.7	
Z39423 (129325)	36	<10	<5	199	<10	<10	<5	0.35	<5	<50	218	<1	16	72.3	
Z39424 (129326)	29	<10	<5	769	<10	14	<5	0.56	<5	<50	208	<1	29	85.7	
Z39425 (129327)	30	<10	<5	837	<10	29	<5	1.03	<5	<50	266	<1	40	95.2	
Z39426 (129328)	43	<10	<5	114	<10	17	<5	0.70	<5	<50	296	<1	21	77.4	
Z39427 (129329)	37	<10	<5	464	<10	<10	<5	0.46	<5	<50	236	<1	20	71.3	
Z39428 (129330)	18	<10	<5	1050	<10	33	<5	1.13	<5	<50	234	<1	35	102	
Z39429 (129331)	36	<10	<5	307	<10	10	<5	0.42	<5	<50	229	<1	18	79.2	
Z39430 (129332)	36	<10	<5	311	<10	<10	<5	0.41	<5	<50	226	<1	17	77.5	
Z39431 (129333)	39	<10	<5	445	<10	<10	<5	0.39	<5	<50	230	<1	19	69.2	
Z39432 (129334)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	1.9	<1	2	4.1	
Z39433 (129335)	28	<10	<5	961	<10	39	<5	1.61	<5	<50	318	<1	28	88.5	
Z39434 (129336)	21	<10	<5	974	<10	72	<5	2.46	<5	<50	309	<1	26	91.6	
Z39435 (129337)	5	<10	<5	221	<10	<10	<5	0.28	<5	<50	47.9	<1	7	32.5	
Z39436 (129338)	16	<10	<5	154	<10	<10	<5	0.23	<5	<50	102	<1	9	64.4	
Z39437 (129339)	<1	<10	<5	111	<10	<10	24	0.01	<5	<50	3.9	<1	5	11.2	
Z39438 (129340)	<1	<10	<5	112	<10	<10	16	0.01	<5	<50	3.4	<1	3	9.9	
Z39439 (129341)	3	<10	<5	154	<10	<10	9	0.04	<5	<50	22.6	<1	3	15.9	
Z39440 (129342)	35	<10	<5	126	<10	<10	<5	0.54	<5	<50	240	<1	18	91.8	
Z39441 (129343)	37	<10	<5	151	<10	16	<5	0.61	<5	<50	257	<1	19	91.4	
Z39442 (129344)	36	<10	<5	122	<10	<10	<5	0.55	<5	<50	242	<1	19	78.5	
Z39443 (129345)	28	<10	<5	403	<10	21	<5	0.98	<5	<50	222	<1	17	78.2	
Z39444 (129346)	38	<10	<5	108	<10	14	<5	0.57	<5	<50	257	<1	21	75.4	
Z39445 (129347)	38	<10	<5	102	<10	14	<5	0.56	<5	<50	265	<1	20	77.1	
Z39446 (129348)	44	<10	<5	112	<10	15	<5	0.68	<5	<50	304	<1	21	74.2	

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# Certificate of Analysis

AGAT WORK ORDER: 19T456493

PROJECT: AGAT00624

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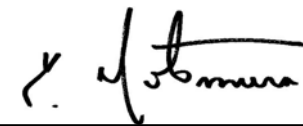
CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019	DATE RECEIVED: Apr 12, 2019					DATE REPORTED: Apr 26, 2019					SAMPLE TYPE: Drill Core				
Analyte: Unit: RDL:	Sc ppm 1	Se ppm 10	Sn ppm 5	Sr ppm 1	Ta ppm 10	Te ppm 10	Th ppm 5	Ti % 0.01	Tl ppm 5	U ppm 50	V ppm 0.5	W ppm 1	Y ppm 1	Zn ppm 0.5	
Z39447 (129349)	34	<10	<5	236	<10	21	<5	0.81	<5	<50	247	<1	19	82.6	
Z39448 (129350)	35	<10	<5	111	<10	10	<5	0.58	<5	<50	245	<1	18	80.1	
Z39449 (129351)	32	<10	<5	110	<10	<10	<5	0.50	<5	<50	219	<1	17	73.3	
Z39450 (129352)	39	<10	<5	111	<10	11	<5	0.60	<5	<50	271	<1	20	81.8	
Z39451 (129353)	38	<10	<5	115	<10	<10	<5	0.55	<5	<50	254	<1	20	74.1	
Z39452 (129354)	<1	<10	<5	63	<10	<10	<5	0.01	<5	<50	2.8	2	2	4.6	
Z39453 (129355)	34	<10	<5	108	<10	<10	<5	0.54	<5	<50	238	<1	18	70.1	
Z39454 (129356)	37	<10	<5	114	<10	<10	<5	0.39	<5	<50	224	<1	15	63.8	
Z39455 (129357)	37	<10	<5	100	<10	17	<5	0.58	<5	<50	254	<1	19	82.0	
Z39456 (129358)	31	<10	<5	99	<10	11	<5	0.54	<5	<50	213	<1	19	164	
Z39457 (129359)	24	<10	<5	59	<10	<10	<5	0.28	<5	<50	146	<1	9	58.8	
Z39458 (129360)	37	<10	<5	93	<10	<10	<5	0.41	<5	<50	226	<1	14	84.9	
Z39459 (129361)	33	<10	<5	126	<10	<10	<5	0.36	<5	<50	196	<1	13	63.3	
Z39460 (129362)	32	<10	<5	164	<10	<10	<5	0.31	<5	<50	170	<1	13	63.1	
Z39461 (129363)	35	<10	<5	101	<10	<10	<5	0.39	<5	<50	206	<1	13	62.4	
Z39462 (129364)	37	<10	<5	102	<10	<10	<5	0.40	<5	<50	213	<1	14	62.8	
Z39463 (129365)	33	<10	<5	95	<10	<10	<5	0.36	<5	<50	187	<1	12	61.0	
Z39464 (129366)	32	<10	<5	101	<10	<10	<5	0.35	<5	<50	189	<1	12	54.5	
Z39465 (129367)	33	<10	<5	184	<10	10	<5	0.45	<5	<50	198	<1	16	53.6	
Z39466 (129368)	32	<10	<5	250	<10	19	<5	0.88	<5	<50	231	<1	21	88.1	
Z39467 (129369)	35	<10	<5	112	<10	<10	<5	0.37	<5	<50	195	<1	13	56.3	
Z39468 (129370)	44	<10	<5	70	<10	<10	<5	0.43	<5	<50	243	<1	16	63.9	
Z39469 (129371)	45	<10	<5	109	<10	<10	<5	0.43	<5	<50	240	<1	16	76.8	
Z39470 (129372)	47	<10	<5	85	<10	<10	<5	0.46	<5	<50	258	<1	16	63.2	
Z39471 (129373)	46	<10	<5	80	<10	<10	<5	0.52	<5	<50	270	<1	18	68.9	
Z39472 (129374)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.5	<1	2	3.5	
Z39473 (129375)	45	<10	<5	81	<10	<10	<5	0.46	<5	<50	253	<1	16	69.0	
Z39474 (129376)	4	<10	<5	144	<10	<10	<5	0.07	<5	<50	20.7	<1	3	24.1	
Z39475 (129377)	42	<10	<5	82	<10	12	<5	0.50	<5	<50	252	<1	17	74.5	
Z39476 (129378)	48	<10	<5	80	<10	15	<5	0.63	<5	<50	313	<1	21	86.8	
Z39477 (129379)	48	<10	<5	106	<10	<10	<5	0.51	<5	<50	272	<1	17	79.9	
Z39478 (129380)	44	<10	<5	109	<10	<10	<5	0.48	<5	<50	248	<1	15	75.0	

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## Certificate of Analysis

AGAT WORK ORDER: 19T456493

PROJECT: AGAT00624

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019

DATE RECEIVED: Apr 12, 2019

DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Z39479 (129381)	48	<10	<5	97	<10	19	<5	0.72	<5	<50	344	<1	23	92.4
Z39480 (129382)	46	<10	<5	106	<10	20	<5	0.74	<5	<50	332	<1	24	94.0
Z39481 (129383)	47	<10	<5	95	<10	12	<5	0.69	<5	<50	324	<1	22	87.0
Z39482 (129384)	46	<10	<5	89	<10	12	<5	0.63	<5	<50	311	<1	22	78.3
Z39483 (129385)	39	<10	<5	108	<10	<10	<5	0.48	<5	<50	253	<1	16	83.8
Z39484 (129386)	43	<10	<5	101	<10	10	<5	0.60	<5	<50	276	<1	20	108
Z39485 (129387)	42	<10	<5	189	<10	<10	<5	0.55	<5	<50	276	<1	19	82.5
Z39486 (129388)	33	<10	<5	262	<10	20	<5	0.92	<5	<50	232	<1	21	96.5

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456493

PROJECT: AGAT00624

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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 FAX (905)501-0589  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019

DATE RECEIVED: Apr 12, 2019

DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
Z39415 (129317)			99
Z39416 (129318)			138
Z39417 (129319)			197
Z39418 (129320)			184
Z39419 (129321)			243
Z39420 (129322)			277
Z39421 (129323)			270
Z39422 (129324)			79
Z39423 (129325)			54
Z39424 (129326)			110
Z39425 (129327)			185
Z39426 (129328)			53
Z39427 (129329)			83
Z39428 (129330)			70
Z39429 (129331)			64
Z39430 (129332)			53
Z39431 (129333)			55
Z39432 (129334)			<5
Z39433 (129335)			160
Z39434 (129336)			289
Z39435 (129337)			166
Z39436 (129338)			51
Z39437 (129339)			539
Z39438 (129340)			240
Z39439 (129341)			199
Z39440 (129342)			18
Z39441 (129343)			22
Z39442 (129344)			22
Z39443 (129345)			107
Z39444 (129346)			22
Z39445 (129347)			14
Z39446 (129348)			52

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456493

PROJECT: AGAT00624

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019      DATE RECEIVED: Apr 12, 2019      DATE REPORTED: Apr 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
Z39447 (129349)				51
Z39448 (129350)				14
Z39449 (129351)				16
Z39450 (129352)				15
Z39451 (129353)				15
Z39452 (129354)				<5
Z39453 (129355)				15
Z39454 (129356)				48
Z39455 (129357)				13
Z39456 (129358)				43
Z39457 (129359)				9
Z39458 (129360)				13
Z39459 (129361)				18
Z39460 (129362)				16
Z39461 (129363)				12
Z39462 (129364)				13
Z39463 (129365)				12
Z39464 (129366)				13
Z39465 (129367)				34
Z39466 (129368)				89
Z39467 (129369)				14
Z39468 (129370)				12
Z39469 (129371)				14
Z39470 (129372)				14
Z39471 (129373)				17
Z39472 (129374)				<5
Z39473 (129375)				16
Z39474 (129376)				31
Z39475 (129377)				15
Z39476 (129378)				13
Z39477 (129379)				13
Z39478 (129380)				11

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T456493

PROJECT: AGAT00624

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019

DATE RECEIVED: Apr 12, 2019

DATE REPORTED: Apr 26, 2019

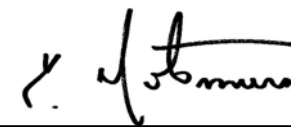
SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
Z39479 (129381)				19
Z39480 (129382)				19
Z39481 (129383)				16
Z39482 (129384)				15
Z39483 (129385)				16
Z39484 (129386)				15
Z39485 (129387)				17
Z39486 (129388)				89

Comments: RDL - Reported Detection Limit

129317-129388 As, Sb values may be low due to digestion losses.

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T456493

PROJECT: AGAT00624

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 11, 2019

DATE RECEIVED: Apr 12, 2019

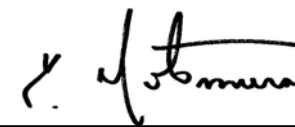
DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

Analyte:	Au
Unit:	ppm
RDL:	0.001

Sample ID (AGAT ID)	RDL:
Z39415 (129317)	0.695
Z39416 (129318)	0.011
Z39417 (129319)	0.011
Z39418 (129320)	0.004
Z39419 (129321)	0.004
Z39420 (129322)	0.007
Z39421 (129323)	0.004
Z39422 (129324)	0.014
Z39423 (129325)	0.007
Z39424 (129326)	0.004
Z39425 (129327)	0.004
Z39426 (129328)	0.527
Z39427 (129329)	0.004
Z39428 (129330)	0.003
Z39429 (129331)	0.004
Z39430 (129332)	0.011
Z39431 (129333)	0.007
Z39432 (129334)	0.002
Z39433 (129335)	0.005
Z39434 (129336)	0.005
Z39435 (129337)	0.002
Z39436 (129338)	<0.001
Z39437 (129339)	0.001
Z39438 (129340)	0.006
Z39439 (129341)	0.002
Z39440 (129342)	0.002
Z39441 (129343)	<0.001
Z39442 (129344)	0.068
Z39443 (129345)	0.062
Z39444 (129346)	0.004
Z39445 (129347)	0.002
Z39446 (129348)	0.505

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T456493

PROJECT: AGAT00624

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 11, 2019

DATE RECEIVED: Apr 12, 2019

DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
Z39447 (129349)			0.019
Z39448 (129350)			0.002
Z39449 (129351)			0.003
Z39450 (129352)			0.004
Z39451 (129353)			0.004
Z39452 (129354)			0.002
Z39453 (129355)			0.001
Z39454 (129356)			0.004
Z39455 (129357)			0.001
Z39456 (129358)			0.008
Z39457 (129359)			0.002
Z39458 (129360)			0.003
Z39459 (129361)			0.002
Z39460 (129362)			0.004
Z39461 (129363)			0.012
Z39462 (129364)			0.004
Z39463 (129365)			0.005
Z39464 (129366)			0.003
Z39465 (129367)			0.003
Z39466 (129368)			0.334
Z39467 (129369)			0.003
Z39468 (129370)			0.011
Z39469 (129371)			0.002
Z39470 (129372)			0.003
Z39471 (129373)			0.142
Z39472 (129374)			0.003
Z39473 (129375)			0.115
Z39474 (129376)			0.171
Z39475 (129377)			0.007
Z39476 (129378)			0.113
Z39477 (129379)			0.031
Z39478 (129380)			0.016

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T456493

PROJECT: AGAT00624

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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 11, 2019

DATE RECEIVED: Apr 12, 2019

DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

Analyte:	Au
Unit:	ppm
RDL:	0.001
Sample ID (AGAT ID)	
Z39479 (129381)	0.035
Z39480 (129382)	0.178
Z39481 (129383)	0.050
Z39482 (129384)	0.025
Z39483 (129385)	0.196
Z39484 (129386)	0.078
Z39485 (129387)	0.010
Z39486 (129388)	0.356

Comments: RDL - Reported Detection Limit

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T456493

PROJECT: AGAT00624

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 11, 2019

DATE RECEIVED: Apr 12, 2019

DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
Z39415 (129317)		76
Z39434 (129336)		92
Z39454 (129356)		78
Z39474 (129376)		92

Comments: RDL - Reported Detection Limit

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T456493

PROJECT: AGAT00624

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 11, 2019

DATE RECEIVED: Apr 12, 2019

DATE REPORTED: Apr 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
Z39417 (129319)		85.3
Z39423 (129325)		86
Z39433 (129335)		87
Z39442 (129344)		95.8
Z39473 (129375)		99

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	129317	< 0.5	< 0.5	0.0%	129331	< 0.5	< 0.5	0.0%	129342	< 0.5	< 0.5	0.0%	129356	< 0.5	< 0.5	0.0%
Al	129317	5.75	6.48	11.9%	129331	7.05	7.07	0.3%	129342	7.74	8.06	4.1%	129356	7.31	7.57	3.5%
As	129317	8	9	11.8%	129331	< 1	< 1	0.0%	129342	< 1	< 1	0.0%	129356	< 1	< 1	0.0%
Ba	129317	477	544	13.1%	129331	271	267	1.5%	129342	49	49	0.0%	129356	91	95	4.3%
Be	129317	4.45	4.85	8.6%	129331	2.3	2.2	4.4%	129342	2.07	1.91	8.0%	129356	1.5	1.3	14.3%
Bi	129317	2	3		129331	< 1	< 1	0.0%	129342	2	2	0.0%	129356	< 1	< 1	0.0%
Ca	129317	6.70	7.40	9.9%	129331	7.66	7.55	1.4%	129342	7.51	8.06	7.1%	129356	7.43	7.68	3.3%
Cd	129317	< 0.5	< 0.5	0.0%	129331	< 0.5	< 0.5	0.0%	129342	< 0.5	< 0.5	0.0%	129356	< 0.5	< 0.5	0.0%
Ce	129317	29	30	3.4%	129331	44	40	9.5%	129342	8	8	0.0%	129356	12	12	0.0%
Co	129317	31.0	32.6	5.0%	129331	37.0	34.8	6.1%	129342	38.7	38.0	1.8%	129356	38.9	37.1	4.7%
Cr	129317	78.0	85.1	8.7%	129331	82.4	80.7	2.1%	129342	130	140	7.4%	129356	84.4	84.1	0.4%
Cu	129317	85.6	96.2	11.7%	129331	104	98.4	5.5%	129342	79.7	82.4	3.3%	129356	103	107	3.8%
Fe	129317	5.83	6.40	9.3%	129331	6.77	6.72	0.7%	129342	7.60	7.96	4.6%	129356	6.80	6.99	2.8%
Ga	129317	27	28	3.6%	129331	31	28	10.2%	129342	34	36	5.7%	129356	35	31	12.1%
In	129317	< 1	< 1	0.0%	129331	< 1	< 1	0.0%	129342	< 1	< 1	0.0%	129356	< 1	< 1	0.0%
K	129317	0.821	0.928	12.2%	129331	0.65	0.64	1.6%	129342	0.58	0.60	3.4%	129356	0.33	0.34	3.0%
La	129317	13	14	7.4%	129331	23	21	9.1%	129342	4	3	28.6%	129356	6	6	0.0%
Li	129317	60	66	9.5%	129331	26	25	3.9%	129342	12	12	0.0%	129356	17	18	5.7%
Mg	129317	3.50	3.94	11.8%	129331	4.05	4.02	0.7%	129342	3.62	3.74	3.3%	129356	4.04	4.14	2.4%
Mn	129317	1080	1170	8.0%	129331	1300	1300	0.0%	129342	1370	1470	7.0%	129356	1220	1240	1.6%
Mo	129317	5.0	3.9		129331	2.47	1.93	24.5%	129342	< 0.5	< 0.5	0.0%	129356	2.4	1.8	
Na	129317	2.64	2.83	6.9%	129331	2.35	2.34	0.4%	129342	2.40	2.52	4.9%	129356	1.39	1.45	4.2%
Ni	129317	85.1	91.2	6.9%	129331	89.6	84.1	6.3%	129342	110	110	0.0%	129356	88.4	88.8	0.5%
P	129317	611	633	3.5%	129331	627	579	8.0%	129342	250	257	2.8%	129356	219	211	3.7%
Pb	129317	< 20	< 20	0.0%	129331	< 20	< 20	0.0%	129342	< 20	< 20	0.0%	129356	< 20	< 20	0.0%
Rb	129317	< 50	< 50	0.0%	129331	< 50	< 50	0.0%	129342	< 50	< 50	0.0%	129356	< 50	< 50	0.0%
S	129317	0.11	0.11	0.0%	129331	0.10	0.10	0.0%	129342	0.11	0.11	0.0%	129356	0.07	0.07	0.0%
Sb	129317	< 1	< 1	0.0%	129331	< 1	2		129342	< 1	< 1	0.0%	129356	2	4	
Sc	129317	31	35	12.1%	129331	36	36	0.0%	129342	35	35	0.0%	129356	37	36	2.7%
Se	129317	< 10	< 10	0.0%	129331	< 10	< 10	0.0%	129342	< 10	< 10	0.0%	129356	< 10	< 10	0.0%
Sn	129317	< 5	< 5	0.0%	129331	< 5	< 5	0.0%	129342	< 5	< 5	0.0%	129356	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	129317	294	327	10.6%	129331	307	297	3.3%	129342	126	132	4.7%	129356	114	118	3.4%
Ta	129317	< 10	< 10	0.0%	129331	< 10	< 10	0.0%	129342	< 10	< 10	0.0%	129356	< 10	< 10	0.0%
Te	129317	< 10	< 10	0.0%	129331	10	< 10		129342	< 10	13		129356	< 10	< 10	0.0%
Th	129317	< 5	< 5	0.0%	129331	< 5	< 5	0.0%	129342	< 5	< 5	0.0%	129356	< 5	< 5	0.0%
Ti	129317	0.42	0.47	11.2%	129331	0.42	0.42	0.0%	129342	0.537	0.556	3.5%	129356	0.394	0.403	2.3%
Tl	129317	< 5	< 5	0.0%	129331	< 5	< 5	0.0%	129342	< 5	< 5	0.0%	129356	< 5	< 5	0.0%
U	129317	< 50	< 50	0.0%	129331	< 50	< 50	0.0%	129342	< 50	< 50	0.0%	129356	< 50	< 50	0.0%
V	129317	193	213	9.9%	129331	229	223	2.7%	129342	240	242	0.8%	129356	224	221	1.3%
W	129317	< 1	< 1	0.0%	129331	< 1	< 1	0.0%	129342	< 1	< 1	0.0%	129356	< 1	< 1	0.0%
Y	129317	18	20	10.5%	129331	18	17	5.7%	129342	18	18	0.0%	129356	15	15	0.0%
Zn	129317	63.7	70.2	9.7%	129331	79.2	73.9	6.9%	129342	91.8	97.5	6.0%	129356	63.8	67.3	5.3%
Zr	129317	99	110	10.5%	129331	64	61	4.8%	129342	18	17	5.7%	129356	48	48	0.0%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	129367	< 0.5	< 0.5	0.0%	129381	< 0.5	< 0.5	0.0%								
Al	129367	7.50	7.62	1.6%	129381	6.70	6.80	1.5%								
As	129367	< 1	< 1	0.0%	129381	< 1	< 1	0.0%								
Ba	129367	83	115		129381	115	117	1.7%								
Be	129367	1.9	2.1	10.0%	129381	2.50	2.66	6.2%								
Bi	129367	< 1	< 1	0.0%	129381	4	3	28.6%								
Ca	129367	7.81	8.04	2.9%	129381	6.75	6.86	1.6%								
Cd	129367	< 0.5	< 0.5	0.0%	129381	< 0.5	< 0.5	0.0%								
Ce	129367	18	24	28.6%	129381	9	9	0.0%								
Co	129367	39.5	34.4	13.8%	129381	40.8	41.8	2.4%								
Cr	129367	146	131	10.8%	129381	22.8	24.2	6.0%								
Cu	129367	152	146	4.0%	129381	97.3	99.4	2.1%								
Fe	129367	6.27	6.08	3.1%	129381	9.87	10.0	1.3%								
Ga	129367	32	30	6.5%	129381	40	41	2.5%								
In	129367	< 1	< 1	0.0%	129381	< 1	< 1	0.0%								
K	129367	0.20	0.23	14.0%	129381	0.34	0.34	0.0%								
La	129367	8	11		129381	4	4	0.0%								
Li	129367	30	33	9.5%	129381	32	33	3.1%								
Mg	129367	4.18	4.02	3.9%	129381	3.36	3.40	1.2%								
Mn	129367	1050	1050	0.0%	129381	1450	1470	1.4%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	129367	1.16	1.05	10.0%	129381	1.1	1.7									
Na	129367	1.82	1.89	3.8%	129381	1.65	1.68	1.8%								
Ni	129367	116	101	13.8%	129381	38.3	39.8	3.8%								
P	129367	483	618	24.5%	129381	310	290	6.7%								
Pb	129367	< 20	< 20	0.0%	129381	< 20	< 20	0.0%								
Rb	129367	< 50	< 50	0.0%	129381	< 50	< 50	0.0%								
S	129367	0.045	0.058	25.2%	129381	0.03	0.03	0.0%								
Sb	129367	< 1	6		129381	< 1	< 1	0.0%								
Sc	129367	33	29	12.9%	129381	48	48	0.0%								
Se	129367	< 10	< 10	0.0%	129381	< 10	< 10	0.0%								
Sn	129367	< 5	< 5	0.0%	129381	< 5	< 5	0.0%								
Sr	129367	184	238	25.6%	129381	97	99	2.0%								
Ta	129367	< 10	< 10	0.0%	129381	< 10	< 10	0.0%								
Te	129367	10	10	0.0%	129381	19	13									
Th	129367	< 5	< 5	0.0%	129381	< 5	< 5	0.0%								
Ti	129367	0.45	0.48	6.5%	129381	0.722	0.736	1.9%								
Tl	129367	< 5	< 5	0.0%	129381	< 5	< 5	0.0%								
U	129367	< 50	< 50	0.0%	129381	< 50	< 50	0.0%								
V	129367	198	182	8.4%	129381	344	345	0.3%								
W	129367	< 1	< 1	0.0%	129381	< 1	< 1	0.0%								
Y	129367	16	16	0.0%	129381	23	24	4.3%								
Zn	129367	53.6	54.8	2.2%	129381	92.4	92.6	0.2%								
Zr	129367	34	41	18.7%	129381	19	20	5.1%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	129317	0.695	0.062		129331	0.004	0.004	0.0%	129342	0.002	0.002	0.0%	129356	0.004	0.004	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	129367	0.003	0.005		129381	0.035	0.116									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.91	100%	90% - 110%	8.17	8.12	99%	90% - 110%	6.96	6.76	97%	90% - 110%	10.95	11.19	102%	90% - 110%
As					26	24	92%	90% - 110%	124	113	91%	90% - 110%				
Ba	340	346	102%	90% - 110%	540	513	95%	90% - 110%	186	187	101%	90% - 110%	340	354	104%	90% - 110%
Be	2.6	2.5	98%	90% - 110%	4.0	4.5	113%	90% - 110%					2.6	2.8	106%	90% - 110%
Ca	5.72	5.71	100%	90% - 110%	0.907	0.899	99%	90% - 110%	4.01	3.88	97%	90% - 110%	5.72	5.76	101%	90% - 110%
Ce	122	113	92%	90% - 110%	98	103	105%	90% - 110%	24	22	93%	90% - 110%	122	119	98%	90% - 110%
Co									22.1	20	90%	90% - 110%				
Cr					60.3	61	101%	90% - 110%								
Cu					150	149	99%	90% - 110%	88.6	83.2	94%	90% - 110%				
Fe	4.34	4.15	96%	90% - 110%	3.77	3.66	97%	90% - 110%	7.56	7.18	95%	90% - 110%	4.34	4.24	98%	90% - 110%
Ga	35	33	94%	90% - 110%									35	36	102%	90% - 110%
K	1.37	1.47	107%	90% - 110%					2.021	2.029	100%	90% - 110%	1.37	1.49	108%	90% - 110%
La	58	53	91%	90% - 110%	44	42	95%	90% - 110%					58	53	91%	90% - 110%
Li	37	39	107%	90% - 110%	47	47	100%	90% - 110%					37	40	109%	90% - 110%
Mg	0.325	0.304	94%	90% - 110%	1.10	1.06	96%	90% - 110%	2.412	2.315	96%	90% - 110%	0.325	0.305	94%	90% - 110%
Mn					780	749	96%	90% - 110%	1510	1438	95%	90% - 110%				
Mo					14	13	91%	90% - 110%								
Na	5.267	5.464	104%	90% - 110%	1.624	1.66	102%	90% - 110%	0.617	0.61	99%	90% - 110%	5.267	5.478	104%	90% - 110%
Ni					32	32	101%	90% - 110%	77.1	74	96%	90% - 110%	9	7	75%	90% - 110%
P					750	704	94%	90% - 110%	892	867	97%	90% - 110%				
Pb					31	31	101%	90% - 110%					10	8	85%	90% - 110%
S									0.348	0.316	91%	90% - 110%				
Sc					12	12	100%	90% - 110%								
Sr	1191	1215	102%	90% - 110%	144	148	102%	90% - 110%	92.8	87.4	94%	90% - 110%	1191	1214	102%	90% - 110%
Ta					1.9	1.9	100%	90% - 110%								
Ti	0.172	0.174	101%	90% - 110%	0.53	0.48	90%	90% - 110%					0.172	0.177	103%	90% - 110%
V	8	6	77%	90% - 110%	77	78	102%	90% - 110%					8	7	89%	90% - 110%
Y	119	109	92%	90% - 110%									119	118	99%	90% - 110%
Zn	93	93	101%	90% - 110%	130	120	92%	90% - 110%	208	198	95%	90% - 110%	93	92	98%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Parameter	CRM #1 (ref.GSP5G)				CRM #2 (ref.GSP7M)				CRM #3 (ref.1P5R)				CRM #4 (ref.GS6F)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.562	0.508	90%	90% - 110%	0.725	0.682	94%	90% - 110%	1.81	1.87	103%	90% - 110%	6.87	6.67	97%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00624  
 SAMPLING SITE:

AGAT WORK ORDER: 19T456493  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00625

AGAT WORK ORDER: 19T456501

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Apr 29, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



# Certificate of Analysis

AGAT WORK ORDER: 19T456501

PROJECT: AGAT00625

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (200-) Sample Login Weight

DATE SAMPLED: Apr 11, 2019

DATE RECEIVED: Apr 12, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
Z39487 (129477)		1.12
Z39488 (129478)		2.29
Z39489 (129479)		3.19
Z39490 (129480)		0.94
Z39491 (129481)		2.45
Z39492 (129482)		1.49
Z39493 (129483)		3.33
Z39494 (129484)		3.21
Z39495 (129485)		3.28
Z39496 (129486)		3.38
Z39497 (129487)		2.08
Z39498 (129488)		2.08
Z39499 (129489)		2.10
Z39500 (129490)		2.31
Z39501 (129491)		3.37
Z39502 (129492)		2.20
Z39503 (129493)		3.37
Z39504 (129494)		2.46
Z39505 (129495)		2.42
Z39506 (129496)		0.07
Z39507 (129497)		2.43
Z39508 (129498)		1.59
Z39509 (129499)		3.26
Z39510 (129500)		3.28
Z39511 (129501)		3.23
Z39512 (129502)		0.99
Z39513 (129503)		2.39
Z39514 (129504)		3.24
Z39515 (129505)		2.85
Z39516 (129506)		1.15
Z39517 (129507)		1.03

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T456501

PROJECT: AGAT00625

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 11, 2019

DATE RECEIVED: Apr 12, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
Z39518 (129508)		1.03
Z39519 (129509)		1.75
Z39520 (129510)		2.17
Z39521 (129511)		1.73
Z39522 (129512)		2.34
Z39523 (129513)		1.80
Z39524 (129514)		3.46
Z39525 (129515)		2.42
Z39526 (129516)		0.07
Z39527 (129517)		3.67
Z39528 (129518)		3.49
Z39529 (129519)		2.38
Z39530 (129520)		2.23
Z39531 (129521)		2.48
Z39532 (129522)		1.02
Z39533 (129523)		3.35
Z39534 (129524)		3.38
Z39535 (129525)		3.15
Z39536 (129526)		3.21
Z39537 (129527)		3.47
Z39538 (129528)		3.47
Z39539 (129529)		3.43
Z39540 (129530)		2.17
Z39541 (129531)		2.51
Z39542 (129532)		1.76
Z39543 (129533)		2.64
Z39544 (129534)		2.29
Z39545 (129535)		3.51
Z39546 (129536)		0.07
Z39547 (129537)		2.51
Z39548 (129538)		2.79

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456501

PROJECT: AGAT00625

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 11, 2019      DATE RECEIVED: Apr 12, 2019      DATE REPORTED: Apr 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
Z39549 (129539)		2.32
Z39550 (129540)		3.42
Z39551 (129541)		3.43
Z39552 (129542)		0.67
Z39553 (129543)		1.71
Z39554 (129544)		3.39
Z39555 (129545)		2.42
Z39556 (129546)		2.92
Z39557 (129547)		1.24
Z39558 (129548)		1.24

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456501

PROJECT: AGAT00625

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019	DATE RECEIVED: Apr 12, 2019					DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z39487 (129477)	<0.5	9.00	2	1250	2.5	1	3.53	<0.5	133	8.1	31.1	68.3	2.77	28	
Z39488 (129478)	<0.5	9.09	<1	1390	2.2	2	2.93	<0.5	122	6.2	26.4	56.5	2.78	26	
Z39489 (129479)	<0.5	9.45	1	1540	2.6	2	3.38	<0.5	116	7.7	27.6	31.2	2.93	28	
Z39490 (129480)	<0.5	8.57	4	1280	1.7	<1	1.71	<0.5	113	2.1	16.3	8.2	1.30	19	
Z39491 (129481)	<0.5	9.56	<1	1610	2.4	1	2.66	<0.5	105	4.9	21.7	11.6	2.37	25	
Z39492 (129482)	<0.5	0.08	<1	18	<0.5	<1	30.5	<0.5	<1	0.6	3.8	<0.5	0.14	11	
Z39493 (129483)	<0.5	8.82	5	1790	2.0	3	3.21	<0.5	112	7.2	16.5	21.7	2.54	25	
Z39494 (129484)	<0.5	9.22	<1	1610	2.3	<1	3.32	<0.5	115	7.1	19.4	21.2	2.45	27	
Z39495 (129485)	<0.5	9.31	<1	2020	2.4	5	3.43	<0.5	106	6.8	16.0	15.5	2.72	25	
Z39496 (129486)	<0.5	8.63	2	1170	2.0	<1	2.68	<0.5	99	7.7	16.5	30.0	2.49	27	
Z39497 (129487)	<0.5	9.13	<1	1200	2.0	3	2.97	<0.5	124	5.6	15.8	19.7	2.81	25	
Z39498 (129488)	<0.5	8.85	2	1140	2.0	2	2.90	<0.5	135	7.0	20.5	18.7	2.75	28	
Z39499 (129489)	<0.5	8.61	2	1100	1.3	<1	1.56	<0.5	51	1.9	9.5	26.3	1.35	21	
Z39500 (129490)	<0.5	8.78	<1	1250	1.9	1	3.02	<0.5	115	7.5	21.7	20.9	2.65	29	
Z39501 (129491)	<0.5	9.24	<1	1590	1.8	3	2.86	<0.5	120	6.0	17.4	23.6	2.65	27	
Z39502 (129492)	<0.5	9.21	<1	1770	2.0	2	3.63	<0.5	120	8.0	22.5	38.9	2.95	27	
Z39503 (129493)	<0.5	8.94	2	1690	1.8	2	3.57	<0.5	119	7.4	21.9	24.5	2.69	26	
Z39504 (129494)	<0.5	9.21	<1	1410	1.8	3	3.43	<0.5	120	7.0	21.2	14.9	2.78	26	
Z39505 (129495)	<0.5	8.80	<1	1490	1.0	3	1.68	<0.5	56	3.8	18.8	19.8	3.63	32	
Z39506 (129496)	<0.5	7.44	<1	201	0.9	9	6.33	<0.5	21	35.0	137	106	7.66	38	
Z39507 (129497)	<0.5	9.15	<1	1400	1.9	2	3.10	<0.5	114	7.0	24.6	7.4	2.78	27	
Z39508 (129498)	<0.5	9.10	<1	1560	1.8	4	3.36	<0.5	116	7.5	24.0	12.4	2.81	25	
Z39509 (129499)	<0.5	8.77	<1	1200	2.0	1	4.02	<0.5	124	9.6	23.6	6.1	3.03	29	
Z39510 (129500)	<0.5	9.28	<1	2250	1.8	2	3.46	<0.5	116	6.8	18.1	18.4	2.69	27	
Z39511 (129501)	<0.5	9.07	2	1620	1.7	4	3.25	<0.5	124	7.6	24.8	23.2	2.74	26	
Z39512 (129502)	<0.5	0.08	<1	19	<0.5	<1	28.9	<0.5	<1	0.6	2.9	<0.5	0.16	12	
Z39513 (129503)	<0.5	9.19	1	2580	1.7	3	3.31	<0.5	117	4.2	16.9	14.2	2.15	23	
Z39514 (129504)	<0.5	9.00	4	1640	1.8	2	3.08	<0.5	119	7.6	18.1	21.8	2.65	26	
Z39515 (129505)	<0.5	9.55	<1	1930	2.1	3	3.46	<0.5	116	7.3	23.6	26.5	2.74	26	
Z39516 (129506)	<0.5	9.04	<1	1640	2.6	8	3.82	<0.5	137	12.0	46.6	35.8	3.49	31	
Z39517 (129507)	<0.5	3.78	<1	1060	1.9	41	5.41	<0.5	115	42.4	377	79.6	7.95	40	
Z39518 (129508)	<0.5	3.66	<1	1040	1.9	31	5.36	<0.5	118	43.8	398	78.5	7.78	40	

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T456501

PROJECT: AGAT00625

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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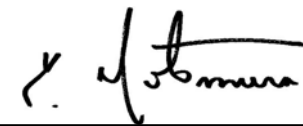
CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019	DATE RECEIVED: Apr 12, 2019							DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z39519 (129509)	<0.5	9.56	1	1920	3.0	2	3.55	<0.5	114	9.2	20.4	39.5	2.94	28	
Z39520 (129510)	<0.5	9.47	1	1910	2.4	2	3.12	<0.5	117	8.0	20.4	44.1	2.71	26	
Z39521 (129511)	<0.5	9.29	4	1530	2.3	3	3.16	<0.5	111	7.8	15.7	32.5	2.79	26	
Z39522 (129512)	<0.5	8.20	5	487	1.8	<1	3.17	<0.5	113	6.3	20.9	21.6	2.32	26	
Z39523 (129513)	<0.5	5.56	<1	2140	2.0	<1	7.61	<0.5	25	27.2	78.4	76.2	6.33	28	
Z39524 (129514)	<0.5	7.84	<1	453	0.9	<1	7.96	<0.5	9	42.5	108	178	8.59	33	
Z39525 (129515)	<0.5	7.29	<1	160	0.7	3	7.75	<0.5	7	40.1	94.0	199	8.87	35	
Z39526 (129516)	<0.5	7.29	<1	194	0.9	9	6.30	<0.5	20	35.7	128	103	7.44	37	
Z39527 (129517)	<0.5	7.58	<1	130	0.7	4	7.46	<0.5	8	41.5	78.5	213	9.50	36	
Z39528 (129518)	<0.5	7.61	<1	139	0.9	4	6.06	<0.5	10	41.6	103	136	7.11	36	
Z39529 (129519)	<0.5	9.10	<1	212	0.7	9	6.75	<0.5	8	48.9	154	93.0	6.12	31	
Z39530 (129520)	<0.5	8.02	<1	385	1.0	4	6.37	<0.5	16	38.2	105	83.5	6.74	35	
Z39531 (129521)	<0.5	9.48	6	1780	1.9	2	3.56	<0.5	123	8.1	18.6	37.0	2.57	27	
Z39532 (129522)	<0.5	0.09	<1	20	<0.5	<1	29.5	<0.5	<1	0.6	4.6	<0.5	0.16	12	
Z39533 (129523)	<0.5	9.45	<1	2050	2.1	<1	3.82	<0.5	132	6.4	14.7	22.5	2.43	27	
Z39534 (129524)	<0.5	9.03	<1	1480	2.2	3	3.37	<0.5	108	7.6	14.7	15.0	2.63	26	
Z39535 (129525)	<0.5	8.96	1	1530	2.3	3	3.54	<0.5	115	7.6	21.2	30.8	2.52	27	
Z39536 (129526)	<0.5	9.34	<1	1610	2.3	1	3.37	<0.5	119	7.3	16.6	43.3	2.54	26	
Z39537 (129527)	<0.5	8.93	5	1600	2.2	2	4.20	<0.5	123	7.3	24.8	22.6	2.65	28	
Z39538 (129528)	<0.5	9.32	2	1620	2.2	2	4.18	<0.5	130	8.3	20.6	22.5	2.73	29	
Z39539 (129529)	<0.5	8.77	1	742	1.3	4	4.34	<0.5	52	21.8	59.4	54.6	3.61	28	
Z39540 (129530)	<0.5	7.68	5	202	1.1	2	3.70	<0.5	22	11.4	34.6	38.1	2.35	22	
Z39541 (129531)	<0.5	7.74	<1	327	1.8	<1	2.98	<0.5	22	6.7	38.1	21.2	1.98	24	
Z39542 (129532)	<0.5	3.07	<1	555	3.7	24	7.22	<0.5	73	42.2	473	95.5	7.34	35	
Z39543 (129533)	<0.5	8.44	4	381	3.7	3	5.76	<0.5	16	41.4	125	79.4	4.85	31	
Z39544 (129534)	<0.5	8.10	6	243	1.1	2	4.57	<0.5	21	15.7	41.8	38.1	2.60	26	
Z39545 (129535)	<0.5	8.06	9	302	0.9	4	4.42	<0.5	21	9.8	28.4	28.0	2.03	23	
Z39546 (129536)	<0.5	7.42	<1	198	0.9	12	6.58	<0.5	21	34.1	131	105	7.63	35	
Z39547 (129537)	<0.5	7.80	5	259	0.8	6	3.39	<0.5	20	7.2	80.2	29.5	2.12	23	
Z39548 (129538)	<0.5	8.50	<1	320	0.9	4	4.11	<0.5	20	11.8	44.0	39.3	2.28	24	
Z39549 (129539)	<0.5	8.84	5	555	1.2	2	3.87	<0.5	52	16.2	86.0	41.0	3.34	28	
Z39550 (129540)	<0.5	8.11	<1	597	1.5	2	2.74	<0.5	72	6.7	37.6	12.7	2.11	26	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T456501

PROJECT: AGAT00625

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019		DATE RECEIVED: Apr 12, 2019					DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
Z39551 (129541)		<0.5	8.59	<1	1010	2.1	2	3.54	<0.5	108	13.6	98.0	38.9	3.43	29
Z39552 (129542)		<0.5	0.09	6	18	<0.5	<1	32.8	<0.5	<1	0.9	6.6	<0.5	0.12	12
Z39553 (129543)		<0.5	7.53	5	716	1.6	4	2.80	<0.5	76	10.9	52.3	50.2	2.82	28
Z39554 (129544)		<0.5	8.37	<1	263	0.9	8	7.37	<0.5	16	39.2	122	120	5.65	30
Z39555 (129545)		<0.5	7.85	<1	30	0.7	4	9.01	<0.5	7	42.6	133	64.9	5.44	29
Z39556 (129546)		<0.5	8.22	<1	131	0.7	6	8.45	<0.5	8	42.1	139	147	6.96	32
Z39557 (129547)		<0.5	7.65	<1	203	0.7	10	7.11	<0.5	7	34.7	88.8	82.2	8.76	34
Z39558 (129548)		<0.5	7.61	<1	207	0.7	2	7.13	<0.5	7	37.0	85.9	66.1	8.78	33

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019	DATE RECEIVED: Apr 12, 2019					DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
Z39487 (129477)	<1	1.61	61	39	0.97	567	15.3	3.79	23.0	1440	<20	<50	0.22	1	
Z39488 (129478)	<1	1.78	53	39	0.81	441	8.1	3.91	17.8	1390	<20	<50	0.29	<1	
Z39489 (129479)	<1	2.06	51	30	0.99	547	7.2	3.95	17.4	1210	<20	<50	0.25	<1	
Z39490 (129480)	<1	3.54	55	16	0.27	154	7.4	3.54	5.6	626	<20	<50	0.08	<1	
Z39491 (129481)	<1	2.31	46	33	0.72	356	6.7	4.19	12.1	1110	<20	<50	0.10	<1	
Z39492 (129482)	<1	0.01	2	1	2.25	51	2.2	0.04	0.6	78	<20	<50	<0.01	<1	
Z39493 (129483)	<1	2.19	47	27	1.01	370	3.9	3.79	14.7	1060	<20	<50	0.16	<1	
Z39494 (129484)	<1	1.99	51	25	1.00	359	5.5	4.22	14.0	977	<20	<50	0.15	2	
Z39495 (129485)	<1	2.21	46	25	0.98	442	6.1	4.09	14.6	926	<20	<50	0.13	<1	
Z39496 (129486)	<1	1.91	46	28	0.81	392	15.9	3.86	15.6	943	<20	<50	0.17	<1	
Z39497 (129487)	<1	1.97	56	36	0.97	437	5.1	3.98	13.8	1130	<20	<50	0.08	2	
Z39498 (129488)	<1	1.89	61	35	0.95	432	4.3	3.88	15.0	1230	<20	<50	0.08	<1	
Z39499 (129489)	<1	4.85	23	16	0.32	164	4.9	3.17	5.0	1250	25	<50	0.11	1	
Z39500 (129490)	<1	1.56	53	35	0.93	365	6.2	3.87	16.7	1170	<20	<50	0.06	<1	
Z39501 (129491)	<1	2.07	54	34	0.93	348	4.3	3.65	15.1	1180	<20	<50	0.07	<1	
Z39502 (129492)	<1	2.45	52	27	1.06	435	5.2	3.61	18.1	1190	<20	<50	0.11	<1	
Z39503 (129493)	<1	2.35	53	18	0.91	416	5.1	3.50	17.3	1130	<20	<50	0.06	<1	
Z39504 (129494)	<1	1.74	52	30	0.97	415	5.4	3.88	15.5	1080	<20	<50	0.04	<1	
Z39505 (129495)	<1	6.98	20	41	1.11	539	4.1	2.33	10.2	2990	37	78	0.05	<1	
Z39506 (129496)	<1	0.45	9	10	4.22	1330	<0.5	2.27	109	783	<20	<50	0.08	<1	
Z39507 (129497)	<1	1.80	50	35	0.96	397	4.6	3.94	16.2	1180	<20	<50	0.02	<1	
Z39508 (129498)	<1	2.35	51	28	1.02	431	4.6	3.82	16.6	1370	<20	<50	0.03	<1	
Z39509 (129499)	<1	1.61	53	18	1.18	505	3.8	3.88	18.2	1150	<20	<50	0.01	<1	
Z39510 (129500)	<1	2.60	50	26	0.98	389	3.2	3.88	17.0	1000	<20	<50	0.06	<1	
Z39511 (129501)	<1	2.19	54	28	0.94	355	4.8	3.90	16.8	1130	<20	<50	0.06	<1	
Z39512 (129502)	<1	0.02	3	1	3.31	64	2.7	0.04	0.6	68	<20	<50	<0.01	<1	
Z39513 (129503)	<1	2.94	50	22	0.81	297	3.1	3.81	13.2	979	<20	<50	0.04	<1	
Z39514 (129504)	<1	2.24	53	26	0.94	329	3.6	3.82	16.8	1090	<20	<50	0.06	<1	
Z39515 (129505)	<1	2.45	50	25	0.97	380	5.1	3.98	15.5	1070	<20	<50	0.08	<1	
Z39516 (129506)	<1	2.17	61	38	1.91	513	5.2	4.00	58.3	1270	<20	<50	0.09	<1	
Z39517 (129507)	<1	1.99	50	42	8.77	1170	3.7	1.42	418	1630	25	<50	0.15	<1	
Z39518 (129508)	<1	1.94	51	42	8.55	1140	2.2	1.38	430	1660	24	<50	0.15	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456501

PROJECT: AGAT00625

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019	DATE RECEIVED: Apr 12, 2019					DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
Z39519 (129509)	<1	2.38	50	24	1.09	441	4.7	4.07	19.9	1260	<20	<50	0.13	<1	
Z39520 (129510)	<1	2.38	51	23	0.93	333	4.3	4.07	17.4	954	<20	<50	0.13	<1	
Z39521 (129511)	<1	1.93	47	15	1.04	383	3.4	4.11	16.6	924	<20	<50	0.09	<1	
Z39522 (129512)	<1	2.34	48	14	1.07	469	4.5	5.09	18.0	852	<20	<50	0.04	<1	
Z39523 (129513)	<1	4.16	10	20	2.80	1440	1.6	1.87	84.9	983	<20	<50	0.21	<1	
Z39524 (129514)	<1	1.15	4	14	2.46	2080	1.0	2.22	93.8	249	<20	<50	0.30	<1	
Z39525 (129515)	<1	0.64	3	19	3.51	2290	<0.5	1.94	84.2	221	<20	<50	0.32	<1	
Z39526 (129516)	<1	0.43	9	10	4.12	1290	<0.5	2.27	108	773	<20	<50	0.07	<1	
Z39527 (129517)	<1	0.46	3	17	3.53	2780	2.1	2.12	72.8	229	<20	<50	0.29	<1	
Z39528 (129518)	<1	0.76	4	28	2.94	1970	1.8	2.62	108	214	<20	<50	0.20	3	
Z39529 (129519)	<1	0.68	3	16	2.12	2070	0.9	3.54	160	246	<20	<50	0.16	<1	
Z39530 (129520)	<1	1.23	6	43	3.07	1500	<0.5	2.96	102	271	<20	<50	0.16	<1	
Z39531 (129521)	<1	2.29	54	30	0.97	407	3.1	3.77	20.2	990	<20	<50	0.11	<1	
Z39532 (129522)	<1	0.02	3	2	2.81	72	2.6	0.04	0.7	74	<20	<50	<0.01	<1	
Z39533 (129523)	<1	2.44	58	25	0.97	456	2.3	3.80	14.5	993	<20	<50	0.08	<1	
Z39534 (129524)	<1	2.19	46	31	1.03	405	1.4	3.69	18.6	945	<20	<50	0.08	<1	
Z39535 (129525)	<1	2.47	51	23	1.02	413	8.4	3.80	20.8	987	<20	<50	0.23	2	
Z39536 (129526)	<1	2.40	52	31	1.03	355	3.6	3.98	18.0	955	<20	<50	0.33	<1	
Z39537 (129527)	<1	1.85	55	20	1.14	483	2.3	3.60	18.8	1040	<20	<50	0.13	<1	
Z39538 (129528)	<1	1.90	57	20	1.18	497	2.4	3.66	19.7	1100	<20	<50	0.13	<1	
Z39539 (129529)	<1	1.44	22	17	1.14	705	1.8	3.39	64.3	461	<20	<50	0.21	<1	
Z39540 (129530)	<1	1.13	10	19	0.72	529	1.9	3.55	35.0	251	<20	<50	0.13	<1	
Z39541 (129531)	<1	1.10	10	27	0.69	341	4.4	3.45	25.6	281	<20	<50	0.08	2	
Z39542 (129532)	<1	2.85	30	72	8.27	1120	2.1	1.99	394	1310	<20	<50	0.13	<1	
Z39543 (129533)	<1	1.11	7	32	1.81	955	1.4	3.82	130	230	<20	<50	0.27	<1	
Z39544 (129534)	<1	0.99	10	20	0.93	620	2.0	2.90	37.2	346	<20	<50	0.11	<1	
Z39545 (129535)	<1	1.24	10	17	0.60	514	3.6	2.63	25.0	253	<20	<50	0.08	<1	
Z39546 (129536)	<1	0.44	9	10	4.22	1310	0.5	2.34	110	786	<20	<50	0.07	<1	
Z39547 (129537)	<1	1.26	9	21	0.69	372	1.6	2.75	21.5	244	<20	<50	0.09	<1	
Z39548 (129538)	<1	1.26	9	21	0.74	436	1.2	3.01	30.8	282	<20	<50	0.11	<1	
Z39549 (129539)	<1	1.73	23	32	1.19	598	1.9	3.30	49.2	442	<20	<50	0.12	<1	
Z39550 (129540)	<1	1.45	32	30	0.90	342	1.2	3.50	19.0	630	<20	<50	0.04	<1	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T456501

PROJECT: AGAT00625

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019	DATE RECEIVED: Apr 12, 2019					DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
Z39551 (129541)	<1	2.15	48	34	1.66	607	1.2	3.17	41.4	1110	<20	<50	0.11	<1	
Z39552 (129542)	<1	0.02	3	1	2.67	53	0.8	0.04	1.0	61	<20	<50	<0.01	<1	
Z39553 (129543)	<1	1.63	34	25	1.47	442	4.9	3.04	48.3	752	<20	<50	0.11	<1	
Z39554 (129544)	<1	0.98	7	16	2.07	1650	6.7	2.67	126	248	<20	<50	0.18	<1	
Z39555 (129545)	<1	0.15	3	16	2.33	1940	4.6	2.05	130	212	<20	<50	0.06	<1	
Z39556 (129546)	<1	0.25	3	22	2.80	2190	1.7	1.84	116	226	<20	<50	0.13	<1	
Z39557 (129547)	<1	0.40	3	28	3.22	2660	1.9	1.67	65.4	197	<20	<50	0.07	3	
Z39558 (129548)	<1	0.40	3	28	3.22	2530	3.2	1.68	67.2	208	<20	<50	0.06	2	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019	DATE RECEIVED: Apr 12, 2019					DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Z39487 (129477)	7	<10	<5	713	<10	<10	<5	0.25	<5	<50	59.3	<1	10	70.6	
Z39488 (129478)	5	<10	<5	1010	<10	<10	<5	0.30	<5	<50	58.8	<1	8	70.8	
Z39489 (129479)	6	<10	<5	1190	<10	<10	<5	0.30	<5	<50	64.4	4	7	71.0	
Z39490 (129480)	2	<10	<5	616	<10	<10	16	0.10	<5	<50	15.4	<1	4	39.0	
Z39491 (129481)	4	<10	<5	1140	<10	<10	<5	0.26	<5	<50	45.7	<1	5	61.2	
Z39492 (129482)	<1	<10	<5	63	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	2.8	
Z39493 (129483)	5	<10	<5	1500	<10	<10	<5	0.27	<5	<50	51.5	<1	6	58.6	
Z39494 (129484)	5	<10	<5	1870	11	<10	<5	0.27	<5	<50	54.9	<1	6	56.1	
Z39495 (129485)	5	<10	<5	1550	<10	<10	<5	0.30	<5	<50	58.9	<1	6	62.2	
Z39496 (129486)	5	<10	<5	923	<10	<10	<5	0.26	<5	<50	53.0	<1	6	68.7	
Z39497 (129487)	5	<10	<5	989	<10	<10	<5	0.32	<5	<50	51.1	<1	6	87.7	
Z39498 (129488)	5	<10	<5	961	<10	<10	<5	0.31	<5	<50	55.1	<1	7	85.1	
Z39499 (129489)	2	<10	<5	309	<10	<10	<5	0.11	<5	<50	11.3	<1	9	58.2	
Z39500 (129490)	5	<10	<5	1350	<10	<10	<5	0.31	<5	<50	56.4	<1	7	70.9	
Z39501 (129491)	5	<10	<5	1320	<10	<10	<5	0.32	<5	<50	53.5	<1	6	66.1	
Z39502 (129492)	6	<10	<5	1400	<10	<10	<5	0.33	<5	<50	65.2	<1	7	62.9	
Z39503 (129493)	5	<10	<5	1150	<10	<10	<5	0.30	<5	<50	56.8	<1	7	54.3	
Z39504 (129494)	6	<10	<5	1240	<10	<10	<5	0.31	<5	<50	57.7	<1	7	63.7	
Z39505 (129495)	8	<10	<5	322	<10	<10	<5	0.33	<5	<50	33.9	<1	21	187	
Z39506 (129496)	32	<10	<5	242	<10	17	<5	0.84	<5	<50	230	<1	21	88.9	
Z39507 (129497)	5	<10	<5	1310	<10	<10	<5	0.30	<5	<50	54.5	<1	7	74.8	
Z39508 (129498)	5	<10	<5	1340	<10	<10	<5	0.29	<5	<50	53.3	<1	7	56.0	
Z39509 (129499)	6	<10	<5	1350	<10	<10	<5	0.32	<5	<50	67.7	<1	6	64.4	
Z39510 (129500)	5	<10	<5	1580	<10	<10	<5	0.31	<5	<50	56.9	<1	7	58.6	
Z39511 (129501)	5	<10	<5	1690	<10	<10	<5	0.31	<5	<50	59.8	<1	6	63.0	
Z39512 (129502)	<1	<10	<5	62	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	2.2	
Z39513 (129503)	4	<10	<5	1780	<10	<10	<5	0.31	<5	<50	49.7	<1	6	47.7	
Z39514 (129504)	5	<10	<5	1660	<10	<10	<5	0.31	<5	<50	61.2	<1	6	58.4	
Z39515 (129505)	5	<10	<5	1640	<10	<10	<5	0.32	<5	<50	57.1	<1	6	57.4	
Z39516 (129506)	7	<10	<5	1450	<10	<10	<5	0.58	<5	<50	87.1	<1	8	69.7	
Z39517 (129507)	14	<10	<5	921	<10	52	<5	2.26	<5	<50	203	<1	14	84.1	
Z39518 (129508)	15	<10	<5	905	<10	56	<5	2.22	<5	<50	216	<1	15	84.1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456501

PROJECT: AGAT00625

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019	DATE RECEIVED: Apr 12, 2019					DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Z39519 (129509)	6	<10	<5	1510	<10	<10	<5	0.33	<5	<50	67.3	<1	7	62.0	
Z39520 (129510)	5	<10	<5	1490	<10	<10	<5	0.32	<5	<50	60.1	<1	6	51.6	
Z39521 (129511)	5	<10	<5	1400	<10	<10	<5	0.32	<5	<50	62.2	<1	6	54.9	
Z39522 (129512)	9	<10	<5	635	<10	<10	6	0.24	<5	<50	56.8	<1	9	21.4	
Z39523 (129513)	44	<10	<5	390	<10	<10	<5	0.35	<5	<50	199	<1	16	62.9	
Z39524 (129514)	40	<10	<5	152	<10	19	<5	0.56	<5	<50	261	<1	20	90.0	
Z39525 (129515)	40	<10	<5	156	<10	<10	<5	0.52	<5	<50	255	<1	19	87.4	
Z39526 (129516)	32	<10	<5	241	<10	18	<5	0.84	<5	<50	228	<1	21	85.5	
Z39527 (129517)	43	<10	<5	151	<10	12	<5	0.55	<5	<50	272	<1	20	92.2	
Z39528 (129518)	39	<10	<5	180	<10	<10	<5	0.54	<5	<50	251	<1	18	95.2	
Z39529 (129519)	42	<10	<5	263	<10	<10	<5	0.59	<5	<50	277	<1	20	97.4	
Z39530 (129520)	35	<10	<5	424	<10	<10	<5	0.53	<5	<50	231	<1	17	102	
Z39531 (129521)	5	<10	<5	1320	<10	<10	<5	0.28	<5	<50	58.5	<1	6	55.8	
Z39532 (129522)	<1	<10	<5	60	<10	<10	<5	<0.01	<5	<50	1.7	<1	2	4.4	
Z39533 (129523)	4	<10	<5	1390	<10	<10	<5	0.27	<5	<50	51.2	<1	6	59.7	
Z39534 (129524)	5	<10	<5	1320	<10	<10	<5	0.28	<5	<50	54.8	<1	6	66.3	
Z39535 (129525)	6	<10	<5	1340	<10	<10	<5	0.27	<5	<50	59.5	<1	7	59.6	
Z39536 (129526)	5	<10	<5	1330	<10	<10	<5	0.29	<5	<50	60.1	<1	6	59.7	
Z39537 (129527)	5	<10	<5	1420	<10	<10	<5	0.30	<5	<50	64.8	<1	7	62.8	
Z39538 (129528)	5	<10	<5	1440	<10	<10	<5	0.32	<5	<50	67.1	<1	7	67.1	
Z39539 (129529)	20	<10	<5	709	<10	<10	<5	0.37	<5	<50	137	<1	12	80.1	
Z39540 (129530)	11	<10	<5	314	<10	<10	<5	0.25	<5	<50	66.6	<1	8	44.5	
Z39541 (129531)	7	<10	<5	293	<10	<10	<5	0.26	<5	<50	57.7	<1	8	51.5	
Z39542 (129532)	20	<10	<5	548	<10	35	<5	1.65	<5	<50	222	<1	19	61.8	
Z39543 (129533)	33	<10	<5	337	<10	<10	<5	0.52	<5	<50	220	<1	22	94.2	
Z39544 (129534)	14	<10	<5	338	<10	<10	<5	0.29	<5	<50	94.3	<1	10	80.8	
Z39545 (129535)	9	<10	<5	302	<10	<10	<5	0.24	<5	<50	64.0	<1	7	65.2	
Z39546 (129536)	33	<10	<5	250	<10	15	<5	0.86	<5	<50	230	<1	21	85.7	
Z39547 (129537)	8	<10	<5	260	<10	<10	<5	0.23	<5	<50	60.5	<1	7	54.9	
Z39548 (129538)	11	<10	<5	301	<10	<10	<5	0.28	<5	<50	81.0	<1	8	58.0	
Z39549 (129539)	15	<10	<5	665	<10	<10	<5	0.32	<5	<50	105	<1	11	77.8	
Z39550 (129540)	6	<10	<5	859	<10	<10	<5	0.22	<5	<50	52.7	<1	9	61.6	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456501

PROJECT: AGAT00625

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019	DATE RECEIVED: Apr 12, 2019					DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Sample ID (AGAT ID)															
Z39551 (129541)	11	<10	<5	961	<10	<10	<5	0.33	<5	<50	97.5	<1	13	81.2	
Z39552 (129542)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.8	<1	2	6.4	
Z39553 (129543)	7	<10	<5	745	<10	<10	<5	0.36	<5	<50	70.0	<1	8	61.1	
Z39554 (129544)	36	<10	<5	338	<10	<10	<5	0.49	<5	<50	233	<1	18	85.6	
Z39555 (129545)	38	<10	<5	154	<10	<10	<5	0.50	<5	<50	247	<1	18	74.6	
Z39556 (129546)	40	<10	<5	131	<10	<10	<5	0.55	<5	<50	259	<1	18	77.1	
Z39557 (129547)	42	<10	<5	90	<10	<10	<5	0.56	<5	<50	278	<1	19	84.0	
Z39558 (129548)	43	<10	<5	90	<10	12	<5	0.57	<5	<50	282	<1	19	84.2	

Certified By:

# Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019

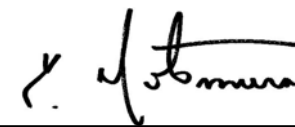
DATE RECEIVED: Apr 12, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
Z39487 (129477)			107
Z39488 (129478)			132
Z39489 (129479)			110
Z39490 (129480)			28
Z39491 (129481)			101
Z39492 (129482)			<5
Z39493 (129483)			82
Z39494 (129484)			88
Z39495 (129485)			79
Z39496 (129486)			71
Z39497 (129487)			95
Z39498 (129488)			95
Z39499 (129489)			24
Z39500 (129490)			97
Z39501 (129491)			99
Z39502 (129492)			78
Z39503 (129493)			69
Z39504 (129494)			94
Z39505 (129495)			32
Z39506 (129496)			88
Z39507 (129497)			95
Z39508 (129498)			71
Z39509 (129499)			75
Z39510 (129500)			90
Z39511 (129501)			95
Z39512 (129502)			<5
Z39513 (129503)			92
Z39514 (129504)			92
Z39515 (129505)			90
Z39516 (129506)			123
Z39517 (129507)			206
Z39518 (129508)			221

Certified By:





# Certificate of Analysis

AGAT WORK ORDER: 19T456501

PROJECT: AGAT00625

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019      DATE RECEIVED: Apr 12, 2019      DATE REPORTED: Apr 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
Z39519 (129509)				93
Z39520 (129510)				88
Z39521 (129511)				85
Z39522 (129512)				73
Z39523 (129513)				22
Z39524 (129514)				14
Z39525 (129515)				12
Z39526 (129516)				88
Z39527 (129517)				12
Z39528 (129518)				28
Z39529 (129519)				11
Z39530 (129520)				36
Z39531 (129521)				104
Z39532 (129522)				<5
Z39533 (129523)				102
Z39534 (129524)				84
Z39535 (129525)				81
Z39536 (129526)				99
Z39537 (129527)				96
Z39538 (129528)				104
Z39539 (129529)				47
Z39540 (129530)				28
Z39541 (129531)				80
Z39542 (129532)				225
Z39543 (129533)				53
Z39544 (129534)				52
Z39545 (129535)				41
Z39546 (129536)				90
Z39547 (129537)				54
Z39548 (129538)				44
Z39549 (129539)				71
Z39550 (129540)				108

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456501

PROJECT: AGAT00625

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019

DATE RECEIVED: Apr 12, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
Z39551 (129541)				133
Z39552 (129542)				<5
Z39553 (129543)				105
Z39554 (129544)				18
Z39555 (129545)				11
Z39556 (129546)				11
Z39557 (129547)				12
Z39558 (129548)				12

Comments: RDL - Reported Detection Limit

129477-129548 As, Sb values may be low due to digestion losses.

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456501

PROJECT: AGAT00625

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 11, 2019      DATE RECEIVED: Apr 12, 2019      DATE REPORTED: Apr 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
Z39487 (129477)			0.019
Z39488 (129478)			0.023
Z39489 (129479)			0.012
Z39490 (129480)			0.043
Z39491 (129481)			0.074
Z39492 (129482)			0.002
Z39493 (129483)			0.025
Z39494 (129484)			0.003
Z39495 (129485)			0.028
Z39496 (129486)			0.006
Z39497 (129487)			0.005
Z39498 (129488)			0.004
Z39499 (129489)			0.004
Z39500 (129490)			0.005
Z39501 (129491)			0.004
Z39502 (129492)			0.005
Z39503 (129493)			0.004
Z39504 (129494)			0.003
Z39505 (129495)			0.003
Z39506 (129496)			0.338
Z39507 (129497)			0.002
Z39508 (129498)			0.002
Z39509 (129499)			0.002
Z39510 (129500)			0.004
Z39511 (129501)			0.005
Z39512 (129502)			0.001
Z39513 (129503)			0.002
Z39514 (129504)			0.003
Z39515 (129505)			0.004
Z39516 (129506)			0.058
Z39517 (129507)			0.004
Z39518 (129508)			0.002

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T456501

PROJECT: AGAT00625

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 11, 2019      DATE RECEIVED: Apr 12, 2019      DATE REPORTED: Apr 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
Z39519 (129509)			0.019
Z39520 (129510)			0.010
Z39521 (129511)			0.004
Z39522 (129512)			0.003
Z39523 (129513)			0.003
Z39524 (129514)			0.006
Z39525 (129515)			0.007
Z39526 (129516)			0.334
Z39527 (129517)			0.007
Z39528 (129518)			0.005
Z39529 (129519)			0.004
Z39530 (129520)			0.004
Z39531 (129521)			0.003
Z39532 (129522)			0.001
Z39533 (129523)			0.004
Z39534 (129524)			0.004
Z39535 (129525)			0.007
Z39536 (129526)			0.011
Z39537 (129527)			0.006
Z39538 (129528)			0.006
Z39539 (129529)			0.006
Z39540 (129530)			0.006
Z39541 (129531)			0.002
Z39542 (129532)			0.001
Z39543 (129533)			0.003
Z39544 (129534)			0.004
Z39545 (129535)			0.003
Z39546 (129536)			0.341
Z39547 (129537)			0.002
Z39548 (129538)			0.002
Z39549 (129539)			0.006
Z39550 (129540)			0.003

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T456501

PROJECT: AGAT00625

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 11, 2019      DATE RECEIVED: Apr 12, 2019      DATE REPORTED: Apr 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
Z39551 (129541)			0.005
Z39552 (129542)			0.004
Z39553 (129543)			0.003
Z39554 (129544)			0.002
Z39555 (129545)			0.003
Z39556 (129546)			0.003
Z39557 (129547)			0.004
Z39558 (129548)			0.375

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456501

PROJECT: AGAT00625

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 11, 2019

DATE RECEIVED: Apr 12, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
Z39487 (129477)		82
Z39507 (129497)		80
Z39527 (129517)		76
Z39528 (129518)		83

Comments: RDL - Reported Detection Limit

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T456501

PROJECT: AGAT00625

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 11, 2019	DATE RECEIVED: Apr 12, 2019	DATE REPORTED: Apr 29, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
Z39487 (129477)		96
Z39495 (129485)		96
Z39516 (129506)		97
Z39547 (129537)		90

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	129477	< 0.5	< 0.5	0.0%	129491	< 0.5	< 0.5	0.0%	129502	< 0.5	< 0.5	0.0%	129517	< 0.5	< 0.5	0.0%
Al	129477	9.00	8.96	0.4%	129491	9.24	8.99	2.7%	129502	0.08	0.07	13.3%	129517	7.58	7.59	0.1%
As	129477	2	6		129491	< 1	< 1	0.0%	129502	< 1	2		129517	< 1	< 1	0.0%
Ba	129477	1250	1260	0.8%	129491	1590	1650	3.7%	129502	19	16	17.1%	129517	130	131	0.8%
Be	129477	2.48	2.34	5.8%	129491	1.8	1.8	0.0%	129502	< 0.5	< 0.5	0.0%	129517	0.71	0.65	8.8%
Bi	129477	1	< 1		129491	3	2		129502	< 1	< 1	0.0%	129517	4	4	0.0%
Ca	129477	3.53	3.52	0.3%	129491	2.86	2.98	4.1%	129502	28.9	29.7	2.7%	129517	7.46	7.19	3.7%
Cd	129477	< 0.5	< 0.5	0.0%	129491	< 0.5	< 0.5	0.0%	129502	< 0.5	< 0.5	0.0%	129517	< 0.5	< 0.5	0.0%
Ce	129477	133	128	3.8%	129491	120	125	4.1%	129502	< 1	< 1	0.0%	129517	8	8	0.0%
Co	129477	8.06	7.00	14.1%	129491	6.0	6.9	14.0%	129502	0.65	0.73	11.6%	129517	41.5	39.6	4.7%
Cr	129477	31.1	34.2	9.5%	129491	17.4	19.5	11.4%	129502	2.9	3.8	26.9%	129517	78.5	78.9	0.5%
Cu	129477	68.3	65.9	3.6%	129491	23.6	23.5	0.4%	129502	< 0.5	< 0.5	0.0%	129517	213	206	3.3%
Fe	129477	2.77	2.81	1.4%	129491	2.65	2.59	2.3%	129502	0.16	0.14	13.3%	129517	9.50	9.50	0.0%
Ga	129477	28	26	7.4%	129491	27	27	0.0%	129502	12	12	0.0%	129517	36	37	2.7%
In	129477	< 1	< 1	0.0%	129491	< 1	< 1	0.0%	129502	< 1	< 1	0.0%	129517	< 1	< 1	0.0%
K	129477	1.61	1.61	0.0%	129491	2.07	2.00	3.4%	129502	0.02	0.02	0.0%	129517	0.455	0.452	0.7%
La	129477	61	59	3.3%	129491	54	57	5.4%	129502	3	3	0.0%	129517	3	3	0.0%
Li	129477	39	39	0.0%	129491	34	33	3.0%	129502	1	1	0.0%	129517	17	16	6.1%
Mg	129477	0.965	0.957	0.8%	129491	0.93	0.92	1.1%	129502	3.31	3.52	6.1%	129517	3.53	3.56	0.8%
Mn	129477	567	566	0.2%	129491	348	348	0.0%	129502	64	63	1.6%	129517	2780	2780	0.0%
Mo	129477	15.3	14.6	4.7%	129491	4.34	4.59	5.6%	129502	2.7	1.8		129517	2.1	1.3	
Na	129477	3.79	3.72	1.9%	129491	3.65	3.77	3.2%	129502	0.038	0.035	8.2%	129517	2.12	2.04	3.8%
Ni	129477	23.0	21.3	7.7%	129491	15.1	15.8	4.5%	129502	0.59	0.77	26.5%	129517	72.8	71.2	2.2%
P	129477	1440	1380	4.3%	129491	1180	1230	4.1%	129502	68	77	12.4%	129517	229	224	2.2%
Pb	129477	< 20	< 20	0.0%	129491	< 20	< 20	0.0%	129502	< 20	< 20	0.0%	129517	< 20	< 20	0.0%
Rb	129477	< 50	< 50	0.0%	129491	< 50	< 50	0.0%	129502	< 50	< 50	0.0%	129517	< 50	< 50	0.0%
S	129477	0.22	0.21	4.7%	129491	0.07	0.07	0.0%	129502	< 0.01	< 0.01	0.0%	129517	0.29	0.28	3.5%
Sb	129477	1	< 1		129491	< 1	< 1	0.0%	129502	< 1	< 1	0.0%	129517	< 1	3	
Sc	129477	7	7	0.0%	129491	5	5	0.0%	129502	< 1	< 1	0.0%	129517	43	42	2.4%
Se	129477	< 10	< 10	0.0%	129491	< 10	< 10	0.0%	129502	< 10	< 10	0.0%	129517	< 10	< 10	0.0%
Sn	129477	< 5	< 5	0.0%	129491	< 5	< 5	0.0%	129502	< 5	< 5	0.0%	129517	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	129477	713	695	2.6%	129491	1320	1330	0.8%	129502	62	61	1.6%	129517	151	146	3.4%
Ta	129477	< 10	< 10	0.0%	129491	< 10	< 10	0.0%	129502	< 10	< 10	0.0%	129517	< 10	< 10	0.0%
Te	129477	< 10	< 10	0.0%	129491	< 10	< 10	0.0%	129502	< 10	< 10	0.0%	129517	12	18	
Th	129477	< 5	< 5	0.0%	129491	< 5	< 5	0.0%	129502	< 5	< 5	0.0%	129517	< 5	< 5	0.0%
Ti	129477	0.25	0.25	0.0%	129491	0.320	0.313	2.2%	129502	< 0.01	< 0.01	0.0%	129517	0.551	0.555	0.7%
Tl	129477	< 5	< 5	0.0%	129491	< 5	< 5	0.0%	129502	< 5	< 5	0.0%	129517	< 5	< 5	0.0%
U	129477	< 50	< 50	0.0%	129491	< 50	< 50	0.0%	129502	< 50	< 50	0.0%	129517	< 50	< 50	0.0%
V	129477	59.3	56.3	5.2%	129491	53.5	56.1	4.7%	129502	1.23	1.31	6.3%	129517	272	269	1.1%
W	129477	< 1	< 1	0.0%	129491	< 1	< 1	0.0%	129502	< 1	< 1	0.0%	129517	< 1	< 1	0.0%
Y	129477	10	9	10.5%	129491	6	7	15.4%	129502	2	2	0.0%	129517	20	20	0.0%
Zn	129477	70.6	70.8	0.3%	129491	66.1	65.7	0.6%	129502	2.2	4.9		129517	92.2	88.6	4.0%
Zr	129477	107	99	7.8%	129491	99	85	15.2%	129502	< 5	< 5	0.0%	129517	12	12	0.0%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	129527	< 0.5	< 0.5	0.0%	129541	< 0.5	< 0.5	0.0%								
Al	129527	8.93	9.32	4.3%	129541	8.59	8.18	4.9%								
As	129527	5	2		129541	< 1	3									
Ba	129527	1600	1700	6.1%	129541	1010	962	4.9%								
Be	129527	2.2	2.2	0.0%	129541	2.07	2.02	2.4%								
Bi	129527	2	4		129541	2	3									
Ca	129527	4.20	4.37	4.0%	129541	3.54	3.36	5.2%								
Cd	129527	< 0.5	< 0.5	0.0%	129541	< 0.5	< 0.5	0.0%								
Ce	129527	123	120	2.5%	129541	108	109	0.9%								
Co	129527	7.3	6.7	8.6%	129541	13.6	13.1	3.7%								
Cr	129527	24.8	22.4	10.2%	129541	98.0	94.9	3.2%								
Cu	129527	22.6	24.3	7.2%	129541	38.9	37.6	3.4%								
Fe	129527	2.65	2.74	3.3%	129541	3.43	3.27	4.8%								
Ga	129527	28	27	3.6%	129541	29	29	0.0%								
In	129527	< 1	< 1	0.0%	129541	< 1	< 1	0.0%								
K	129527	1.85	1.92	3.7%	129541	2.15	2.07	3.8%								
La	129527	55	53	3.7%	129541	48	47	2.1%								
Li	129527	20	20	0.0%	129541	34	33	3.0%								
Mg	129527	1.14	1.19	4.3%	129541	1.66	1.58	4.9%								
Mn	129527	483	498	3.1%	129541	607	574	5.6%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	129527	2.26	1.69	28.9%	129541	1.2	0.6									
Na	129527	3.60	3.77	4.6%	129541	3.17	3.07	3.2%								
Ni	129527	18.8	19.9	5.7%	129541	41.4	41.3	0.2%								
P	129527	1040	1020	1.9%	129541	1110	1140	2.7%								
Pb	129527	< 20	< 20	0.0%	129541	< 20	< 20	0.0%								
Rb	129527	< 50	< 50	0.0%	129541	< 50	< 50	0.0%								
S	129527	0.13	0.13	0.0%	129541	0.11	0.11	0.0%								
Sb	129527	< 1	< 1	0.0%	129541	< 1	< 1	0.0%								
Sc	129527	5	5	0.0%	129541	11	11	0.0%								
Se	129527	< 10	< 10	0.0%	129541	< 10	< 10	0.0%								
Sn	129527	< 5	< 5	0.0%	129541	< 5	< 5	0.0%								
Sr	129527	1420	1470	3.5%	129541	961	941	2.1%								
Ta	129527	< 10	< 10	0.0%	129541	< 10	< 10	0.0%								
Te	129527	< 10	< 10	0.0%	129541	< 10	< 10	0.0%								
Th	129527	< 5	< 5	0.0%	129541	< 5	< 5	0.0%								
Ti	129527	0.304	0.313	2.9%	129541	0.326	0.309	5.4%								
Tl	129527	< 5	< 5	0.0%	129541	< 5	< 5	0.0%								
U	129527	< 50	< 50	0.0%	129541	< 50	< 50	0.0%								
V	129527	64.8	63.3	2.3%	129541	97.5	99.7	2.2%								
W	129527	< 1	< 1	0.0%	129541	< 1	< 1	0.0%								
Y	129527	7	6	15.4%	129541	13	13	0.0%								
Zn	129527	62.8	62.8	0.0%	129541	81.2	79.9	1.6%								
Zr	129527	96	94	2.1%	129541	133	142	6.5%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	129477	0.019	0.022	14.6%	129491	0.004	0.004	0.0%	129502	0.001	0.001	0.0%	129517	0.007	0.006	15.4%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	129527	0.0057	0.0048	17.1%	129541	0.005	0.011									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.78	98%	90% - 110%	8.17	8.23	101%	90% - 110%	6.96	6.7	96%	90% - 110%				
As					26	23	87%	90% - 110%	124	114	92%	90% - 110%				
Ba	340	342	100%	90% - 110%	540	506	94%	90% - 110%	186	184	99%	90% - 110%				
Be	2.6	2.6	101%	90% - 110%	4.0	3.3	84%	90% - 110%					2.6	2.7	104%	90% - 110%
Ca	5.72	5.65	99%	90% - 110%	0.907	0.884	97%	90% - 110%	4.01	3.94	98%	90% - 110%				
Ce	122	116	95%	90% - 110%	98	100	102%	90% - 110%	24	22	92%	90% - 110%				
Co									22.1	20.1	91%	90% - 110%				
Cr					60.3	60.4	100%	90% - 110%								
Cu					150	148	98%	90% - 110%	88.6	83.3	94%	90% - 110%				
Fe	4.34	3.99	92%	90% - 110%	3.77	3.62	96%	90% - 110%	7.56	6.98	92%	90% - 110%				
Ga	35	35	99%	90% - 110%												
K	1.37	1.43	104%	90% - 110%					2.021	1.995	99%	90% - 110%				
La	58	53	91%	90% - 110%	44	41	92%	90% - 110%								
Li	37	39	106%	90% - 110%	47	49	104%	90% - 110%								
Mg	0.325	0.297	91%	90% - 110%	1.10	1.04	95%	90% - 110%	2.412	2.265	94%	90% - 110%				
Mn					780	745	95%	90% - 110%	1510	1398	93%	90% - 110%				
Mo					14	12	88%	90% - 110%								
Na	5.267	5.438	103%	90% - 110%	1.624	1.646	101%	90% - 110%	0.617	0.614	99%	90% - 110%				
Ni	9	7	75%	90% - 110%	32	31	96%	90% - 110%	77.1	69.7	90%	90% - 110%				
P					750	676	90%	90% - 110%	892	854	96%	90% - 110%				
Pb					31	32	104%	90% - 110%								
S									0.348	0.314	90%	90% - 110%				
Sb					0.8	0.8	105%	90% - 110%								
Sc					12	12	98%	90% - 110%								
Sr	1191	1203	101%	90% - 110%	144	145	101%	90% - 110%	92.8	89.9	97%	90% - 110%				
Ti	0.172	0.168	98%	90% - 110%	0.53	0.48	91%	90% - 110%								
V	8	7	87%	90% - 110%	77	76	99%	90% - 110%								
Y	119	115	96%	90% - 110%												
Zn	93	92	99%	90% - 110%	130	120	92%	90% - 110%	208	204	98%	90% - 110%				
	CRM #5 (ref.SY-4)															
Parameter	Expect	Actual	Recovery	Limits												





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Al	10.95	10.86	99%	90% - 110%												
Ba	340	343	101%	90% - 110%												
Be	2.6	2.6	100%	90% - 110%												
Ca	5.72	5.63	98%	90% - 110%												
Ce	122	116	95%	90% - 110%												
Fe	4.34	4.04	93%	90% - 110%												
Ga	35	35	101%	90% - 110%												
K	1.37	1.44	105%	90% - 110%												
La	58	51	87%	90% - 110%												
Li	37	41	110%	90% - 110%												
Mg	0.325	0.299	92%	90% - 110%												
Na	5.267	5.448	103%	90% - 110%												
Pb	10	7	73%	90% - 110%												
Sr	1191	1160	97%	90% - 110%												
Ti	0.172	0.169	98%	90% - 110%												
V	8	7	90%	90% - 110%												
Y	119	115	96%	90% - 110%												
Zn	93	89	96%	90% - 110%												

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GS5W)				CRM #3 (ref.GSP5G)				CRM #4 (ref.GSP7M)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.95	101%	90% - 110%	5.27	5.29	100%	90% - 110%	0.562	0.565	100%	90% - 110%	0.725	0.662	91%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19T456501

PROJECT: AGAT00625

ATTENTION TO: Stephen Brooking

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00626

AGAT WORK ORDER: 19T456504

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Apr 29, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

# Certificate of Analysis

AGAT WORK ORDER: 19T456504

PROJECT: AGAT00626

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (200-) Sample Login Weight

DATE SAMPLED: Apr 11, 2019

DATE RECEIVED: Apr 12, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
Z39559 (129580)		2.39
Z39560 (129581)		3.79
Z39561 (129582)		3.03
Z39562 (129583)		2.51
Z39563 (129584)		1.49
Z39564 (129585)		1.79
Z39565 (129586)		3.78
Z39566 (129587)		0.07
Z39567 (129588)		3.64
Z39568 (129589)		1.10
Z39569 (129590)		0.95
Z39570 (129591)		3.03
Z39571 (129592)		3.87
Z39572 (129593)		0.95
Z39573 (129594)		2.28
Z39574 (129595)		1.90
Z39575 (129596)		1.73
Z39576 (129597)		3.69
Z39577 (129598)		3.78
Z39578 (129599)		3.78
Z39579 (129600)		3.81
Z39580 (129601)		3.89
Z39581 (129602)		3.73
Z39582 (129603)		3.44
Z39583 (129604)		3.74
Z39584 (129605)		2.43
Z39585 (129606)		1.21
Z39586 (129607)		0.07
Z39587 (129608)		3.14
Z39588 (129609)		4.31
Z39589 (129610)		4.15

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T456504

PROJECT: AGAT00626

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 11, 2019      DATE RECEIVED: Apr 12, 2019      DATE REPORTED: Apr 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
Z39590 (129611)		3.64
Z39591 (129612)		3.75
Z39592 (129613)		0.75
Z39593 (129614)		3.79
Z39594 (129615)		3.99
Z39595 (129616)		3.75
Z39596 (129617)		3.77
Z39597 (129618)		3.78
Z39598 (129619)		3.78
Z39599 (129620)		4.04
Z39600 (129621)		3.92
Z39601 (129622)		3.87
Z39602 (129623)		3.86
Z39603 (129624)		3.80
Z39604 (129625)		3.92
Z39605 (129626)		3.76
Z39606 (129627)		0.07
Z39607 (129628)		3.93
Z39608 (129629)		2.66
Z39609 (129630)		2.59
Z39610 (129631)		2.20
Z39611 (129632)		3.12
Z39612 (129633)		0.74
Z39613 (129634)		1.86
Z39614 (129635)		3.20
Z39615 (129636)		3.37
Z39616 (129637)		0.79
Z39617 (129638)		1.37
Z39618 (129639)		1.37
Z39619 (129640)		3.80
Z39620 (129641)		2.76

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456504

PROJECT: AGAT00626

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 11, 2019      DATE RECEIVED: Apr 12, 2019      DATE REPORTED: Apr 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
Z39621 (129642)		2.27
Z39622 (129643)		0.80
Z39623 (129644)		3.57
Z39624 (129645)		3.83
Z39625 (129646)		3.95
Z39626 (129647)		0.07
Z39627 (129648)		4.12
Z39628 (129649)		3.91
Z39629 (129650)		3.13
Z39630 (129651)		0.71

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456504

PROJECT: AGAT00626

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019	DATE RECEIVED: Apr 12, 2019					DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z39559 (129580)	<0.5	7.03	<1	129	<0.5	10	7.91	<0.5	2	37.9	116	127	8.83	25	
Z39560 (129581)	<0.5	7.69	<1	118	<0.5	10	6.85	<0.5	2	41.0	123	51.4	9.28	29	
Z39561 (129582)	<0.5	8.06	<1	106	<0.5	12	7.69	<0.5	2	38.4	99.1	131	8.82	23	
Z39562 (129583)	<0.5	7.37	<1	91	0.9	5	7.13	<0.5	8	38.7	161	102	6.89	23	
Z39563 (129584)	<0.5	7.73	<1	96	<0.5	5	7.36	<0.5	9	39.8	144	109	7.00	22	
Z39564 (129585)	<0.5	7.51	<1	97	0.7	9	7.01	<0.5	3	40.2	129	102	8.56	25	
Z39565 (129586)	<0.5	7.39	<1	93	0.6	10	6.76	<0.5	2	43.3	115	83.3	7.52	26	
Z39566 (129587)	<0.5	7.54	<1	178	0.8	14	6.24	<0.5	12	37.0	199	101	7.43	25	
Z39567 (129588)	<0.5	7.94	<1	408	0.7	8	7.51	<0.5	14	38.1	144	113	8.07	25	
Z39568 (129589)	<0.5	7.38	<1	245	0.6	12	6.96	<0.5	13	35.4	136	210	7.06	22	
Z39569 (129590)	<0.5	1.74	<1	32	0.5	2	3.50	<0.5	2	12.0	87.2	105	2.75	6	
Z39570 (129591)	<0.5	7.76	<1	167	<0.5	11	8.00	<0.5	2	40.7	116	89.5	8.96	28	
Z39571 (129592)	<0.5	7.55	<1	90	<0.5	10	7.09	<0.5	5	38.9	132	126	8.98	26	
Z39572 (129593)	<0.5	0.09	1	21	<0.5	<1	25.7	<0.5	<1	0.7	15.2	<0.5	0.24	<5	
Z39573 (129594)	<0.5	7.31	10	148	0.6	6	7.34	<0.5	4	40.5	108	141	8.27	25	
Z39574 (129595)	<0.5	5.50	6	122	2.6	4	7.44	<0.5	19	29.7	104	54.2	6.93	19	
Z39575 (129596)	<0.5	6.61	18	260	0.7	9	7.05	<0.5	9	34.9	142	66.8	7.46	22	
Z39576 (129597)	<0.5	7.52	167	281	0.7	6	6.94	<0.5	2	39.3	112	71.9	6.88	21	
Z39577 (129598)	<0.5	7.76	11	277	0.5	11	7.49	<0.5	2	40.4	87.6	89.2	7.53	26	
Z39578 (129599)	<0.5	7.67	12	274	0.5	10	7.42	<0.5	2	39.2	91.5	94.0	7.45	23	
Z39579 (129600)	<0.5	8.13	<1	377	<0.5	7	7.42	<0.5	7	47.2	125	78.2	6.83	24	
Z39580 (129601)	<0.5	7.75	<1	182	<0.5	10	7.71	<0.5	2	45.2	107	169	7.72	26	
Z39581 (129602)	<0.5	7.72	<1	199	<0.5	10	7.36	<0.5	4	41.6	112	77.4	7.76	25	
Z39582 (129603)	<0.5	7.49	<1	105	0.5	7	7.12	<0.5	2	39.7	106	75.4	7.30	24	
Z39583 (129604)	<0.5	7.63	<1	136	<0.5	11	8.11	<0.5	2	43.0	109	198	8.43	26	
Z39584 (129605)	<0.5	6.62	<1	60	<0.5	9	7.30	<0.5	1	44.8	115	163	8.89	27	
Z39585 (129606)	<0.5	1.55	<1	18	<0.5	1	2.11	<0.5	<1	11.2	103	19.9	1.95	5	
Z39586 (129607)	<0.5	7.69	<1	182	0.8	13	6.42	<0.5	12	36.3	190	104	7.69	26	
Z39587 (129608)	<0.5	6.63	<1	77	0.8	6	7.42	<0.5	1	40.3	184	73.7	6.90	22	
Z39588 (129609)	<0.5	7.95	<1	109	0.8	11	8.04	<0.5	2	47.2	209	161	7.93	27	
Z39589 (129610)	<0.5	8.45	<1	129	<0.5	12	9.61	<0.5	2	45.7	201	244	8.74	28	
Z39590 (129611)	<0.5	7.83	<1	63	0.7	11	7.93	<0.5	2	45.8	205	149	7.93	26	

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T456504

PROJECT: AGAT00626

5623 McADAM ROAD  
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 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019	DATE RECEIVED: Apr 12, 2019							DATE REPORTED: Apr 29, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z39591 (129612)	<0.5	8.92	<1	127	0.5	11	8.57	<0.5	2	47.7	308	77.9	7.36	24	
Z39592 (129613)	<0.5	0.10	<1	16	<0.5	<1	32.4	<0.5	<1	0.5	17.3	<0.5	0.10	<5	
Z39593 (129614)	<0.5	8.41	<1	106	<0.5	12	8.39	<0.5	2	44.4	283	117	7.30	23	
Z39594 (129615)	<0.5	8.15	<1	41	<0.5	10	7.53	<0.5	2	40.2	190	127	7.52	24	
Z39595 (129616)	<0.5	7.85	<1	67	<0.5	7	7.55	<0.5	2	41.8	187	102	7.65	26	
Z39596 (129617)	<0.5	7.60	<1	116	<0.5	14	7.91	<0.5	2	40.2	223	133	8.56	26	
Z39597 (129618)	<0.5	8.03	<1	109	<0.5	10	7.88	<0.5	3	40.0	193	175	9.35	28	
Z39598 (129619)	<0.5	7.85	<1	108	<0.5	11	8.01	<0.5	3	40.0	228	169	9.35	28	
Z39599 (129620)	<0.5	7.48	<1	89	<0.5	13	7.23	<0.5	2	37.8	192	70.8	10.2	29	
Z39600 (129621)	<0.5	7.16	<1	89	0.5	7	7.69	<0.5	9	38.5	209	143	10.3	29	
Z39601 (129622)	<0.5	7.73	<1	279	0.6	9	7.44	<0.5	9	35.4	186	76.2	8.08	26	
Z39602 (129623)	<0.5	6.71	<1	166	0.8	5	6.35	<0.5	10	34.5	283	122	6.69	20	
Z39603 (129624)	<0.5	7.40	<1	82	1.0	8	7.10	<0.5	2	40.0	134	114	7.93	26	
Z39604 (129625)	<0.5	7.71	<1	199	1.1	9	6.91	<0.5	10	39.9	198	99.9	7.49	23	
Z39605 (129626)	<0.5	7.17	<1	93	<0.5	11	7.29	<0.5	2	39.7	179	103	9.10	27	
Z39606 (129627)	<0.5	7.37	<1	179	0.9	15	6.03	<0.5	13	37.4	189	104	7.19	25	
Z39607 (129628)	<0.5	7.41	<1	54	<0.5	8	7.40	<0.5	3	38.9	201	203	10.2	28	
Z39608 (129629)	<0.5	7.87	<1	99	<0.5	11	7.68	<0.5	2	42.5	203	115	8.11	27	
Z39609 (129630)	<0.5	7.64	<1	100	<0.5	10	7.97	<0.5	3	40.0	221	171	9.60	28	
Z39610 (129631)	<0.5	7.40	<1	44	<0.5	8	7.82	<0.5	2	40.6	192	82.8	9.60	28	
Z39611 (129632)	<0.5	7.51	<1	91	0.6	11	6.99	<0.5	3	38.0	180	93.7	7.82	24	
Z39612 (129633)	<0.5	0.08	<1	16	<0.5	<1	30.2	<0.5	<1	<0.5	8.7	<0.5	0.09	<5	
Z39613 (129634)	<0.5	7.37	3	144	1.8	<1	1.97	<0.5	9	1.1	21.6	8.0	0.63	15	
Z39614 (129635)	<0.5	7.08	2	442	1.1	<1	1.34	<0.5	5	<0.5	32.0	1.0	0.40	14	
Z39615 (129636)	<0.5	7.26	2	415	1.2	<1	1.29	<0.5	12	<0.5	32.3	1.6	0.52	14	
Z39616 (129637)	<0.5	6.15	18	801	4.0	10	2.85	<0.5	40	12.2	126	32.7	2.67	17	
Z39617 (129638)	<0.5	7.40	2	597	1.4	<1	1.41	<0.5	14	1.1	37.6	2.3	0.71	16	
Z39618 (129639)	<0.5	7.73	4	642	1.3	<1	1.35	<0.5	14	0.8	42.8	1.5	0.69	16	
Z39619 (129640)	<0.5	8.13	<1	130	0.5	12	8.61	<0.5	3	43.8	204	135	8.23	27	
Z39620 (129641)	<0.5	7.80	<1	120	<0.5	13	8.58	<0.5	3	40.8	201	63.1	7.78	22	
Z39621 (129642)	<0.5	5.21	<1	45	<0.5	7	5.95	<0.5	19	78.3	76.8	1770	18.9	38	
Z39622 (129643)	<0.5	6.54	<1	373	2.0	24	7.44	<0.5	51	32.5	139	122	9.12	30	

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T456504

PROJECT: AGAT00626

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019	DATE RECEIVED: Apr 12, 2019					DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z39623 (129644)	<0.5	8.02	<1	178	0.6	15	7.00	<0.5	6	45.8	151	95.8	9.48	31	
Z39624 (129645)	<0.5	8.24	<1	88	<0.5	9	10.3	<0.5	2	45.2	208	97.0	8.00	25	
Z39625 (129646)	<0.5	8.37	<1	87	<0.5	6	9.07	<0.5	2	45.1	209	99.2	7.72	24	
Z39626 (129647)	<0.5	7.37	<1	175	0.9	16	6.13	<0.5	12	36.7	179	101	7.36	25	
Z39627 (129648)	<0.5	8.15	<1	133	<0.5	6	8.67	<0.5	3	42.9	207	89.9	7.49	22	
Z39628 (129649)	<0.5	7.79	<1	134	<0.5	10	7.92	<0.5	4	42.1	137	117	8.03	25	
Z39629 (129650)	<0.5	7.98	<1	82	<0.5	12	7.58	<0.5	2	40.6	106	96.2	8.77	25	
Z39630 (129651)	<0.5	5.33	<1	549	1.6	18	8.05	<0.5	71	37.2	339	137	6.80	21	

Certified By:



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PROJECT: AGAT00626

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019	DATE RECEIVED: Apr 12, 2019					DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
Z39559 (129580)	<1	0.29	3	19	3.32	3070	5.7	1.32	54.3	294	<20	<50	0.18	1	
Z39560 (129581)	<1	0.34	3	22	3.46	2850	5.7	1.66	64.9	316	<20	<50	0.08	1	
Z39561 (129582)	<1	0.24	3	17	3.54	2650	5.6	1.77	66.3	301	<20	<50	0.13	3	
Z39562 (129583)	<1	0.58	6	15	3.94	1250	9.8	1.45	86.0	245	<20	<50	0.09	1	
Z39563 (129584)	<1	0.37	6	7	4.12	1270	7.0	1.48	87.6	259	<20	<50	0.09	3	
Z39564 (129585)	<1	0.80	3	15	3.55	2360	6.7	1.89	70.7	255	<20	<50	0.09	2	
Z39565 (129586)	<1	0.49	3	14	3.25	2180	4.2	1.81	69.9	326	<20	<50	0.08	1	
Z39566 (129587)	<1	0.44	9	11	4.21	1320	1.8	2.33	106	874	<20	<50	0.10	2	
Z39567 (129588)	<1	0.62	9	26	3.67	2620	4.3	1.54	66.8	463	<20	<50	0.14	<1	
Z39568 (129589)	<1	0.43	8	17	3.19	2060	4.2	1.94	65.4	440	<20	<50	0.22	2	
Z39569 (129590)	<1	0.08	<2	11	0.89	1140	8.0	0.36	20.3	61	<20	<50	0.13	2	
Z39570 (129591)	<1	0.38	3	24	3.62	2630	3.8	1.58	65.6	328	<20	<50	0.14	3	
Z39571 (129592)	<1	0.27	4	24	3.90	2660	3.6	1.80	64.8	356	<20	<50	0.34	<1	
Z39572 (129593)	<1	0.02	<2	2	2.76	124	3.1	0.04	1.3	79	<20	<50	0.06	1	
Z39573 (129594)	<1	0.41	4	20	3.47	2640	4.5	1.64	66.7	344	<20	<50	0.20	<1	
Z39574 (129595)	<1	3.20	10	14	3.37	1880	3.9	2.12	62.6	703	<20	<50	0.09	3	
Z39575 (129596)	<1	0.66	6	17	3.42	2110	6.4	1.76	64.7	763	<20	<50	0.10	2	
Z39576 (129597)	<1	0.67	3	18	3.35	2240	4.9	1.93	67.1	359	<20	<50	0.08	<1	
Z39577 (129598)	<1	0.42	3	23	3.36	2490	5.4	1.66	73.3	275	<20	<50	0.10	1	
Z39578 (129599)	<1	0.42	3	23	3.31	2450	5.0	1.64	72.1	276	<20	<50	0.10	<1	
Z39579 (129600)	<1	0.39	5	24	3.74	1920	4.4	1.94	91.8	402	<20	<50	0.08	2	
Z39580 (129601)	<1	0.38	3	20	3.15	2310	5.4	1.49	79.4	291	<20	<50	0.16	4	
Z39581 (129602)	<1	0.40	4	23	3.33	2230	4.5	1.66	68.9	341	<20	<50	0.08	2	
Z39582 (129603)	<1	0.30	3	17	2.91	2200	5.4	1.61	69.6	258	<20	<50	0.07	1	
Z39583 (129604)	<1	0.26	3	21	3.14	2830	4.3	1.50	74.2	270	<20	<50	0.18	2	
Z39584 (129605)	<1	0.18	3	16	2.43	2590	4.9	1.43	76.7	216	<20	<50	0.18	<1	
Z39585 (129606)	<1	0.03	<2	6	0.56	595	9.7	0.27	20.9	48	<20	<50	0.03	2	
Z39586 (129607)	<1	0.44	9	11	4.27	1350	1.9	2.43	105	880	<20	<50	0.10	2	
Z39587 (129608)	<1	0.41	2	15	2.50	2110	1.5	1.73	70.3	243	<20	<50	0.08	2	
Z39588 (129609)	<1	0.46	3	22	3.24	2500	1.6	2.17	84.2	295	<20	<50	0.13	2	
Z39589 (129610)	<1	0.24	3	24	2.87	3260	1.9	1.47	83.3	294	<20	<50	0.23	2	
Z39590 (129611)	<1	0.22	3	21	3.19	2530	1.7	1.80	78.6	264	<20	<50	0.18	3	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456504

PROJECT: AGAT00626

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019	DATE RECEIVED: Apr 12, 2019					DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
Z39591 (129612)	<1	0.33	3	18	2.48	2250	1.6	1.83	124	274	<20	<50	0.11	2	
Z39592 (129613)	<1	0.02	<2	1	1.74	108	<0.5	0.04	0.8	84	<20	<50	0.08	2	
Z39593 (129614)	<1	0.32	3	20	2.95	1850	1.7	1.74	98.3	294	<20	<50	0.14	4	
Z39594 (129615)	<1	0.20	3	24	3.49	1630	1.6	2.09	64.2	281	<20	<50	0.13	2	
Z39595 (129616)	<1	0.17	3	24	3.43	1620	1.5	2.01	63.5	266	<20	<50	0.12	1	
Z39596 (129617)	<1	0.22	3	23	3.59	2380	1.7	1.60	60.5	290	<20	<50	0.19	3	
Z39597 (129618)	<1	0.39	4	24	3.33	2950	2.0	1.69	62.6	319	<20	<50	0.32	3	
Z39598 (129619)	<1	0.37	4	23	3.30	3020	2.0	1.61	62.4	316	<20	<50	0.32	3	
Z39599 (129620)	<1	0.33	3	25	3.44	3130	2.0	1.39	59.9	252	<20	<50	0.12	2	
Z39600 (129621)	<1	0.17	6	22	3.62	3630	2.0	1.41	57.1	421	<20	<50	0.21	4	
Z39601 (129622)	<1	0.41	7	21	3.21	2690	1.6	1.72	59.8	450	<20	<50	0.16	3	
Z39602 (129623)	<1	0.38	6	19	2.65	1750	2.0	1.85	68.3	444	<20	<50	0.21	2	
Z39603 (129624)	<1	0.87	3	19	3.41	1870	1.4	2.33	62.6	284	<20	<50	0.14	3	
Z39604 (129625)	<1	0.40	6	17	3.83	1640	1.5	2.31	64.4	532	<20	<50	0.11	2	
Z39605 (129626)	<1	0.19	3	18	3.45	2770	1.8	1.68	58.0	280	<20	<50	0.15	3	
Z39606 (129627)	<1	0.43	9	11	4.11	1270	1.8	2.27	106	865	<20	<50	0.10	<1	
Z39607 (129628)	<1	0.15	3	20	3.62	3130	1.9	1.45	58.8	280	<20	<50	0.30	4	
Z39608 (129629)	<1	0.27	3	24	3.35	2260	1.5	1.65	74.7	285	<20	<50	0.18	3	
Z39609 (129630)	<1	0.25	3	25	3.65	2920	2.0	1.45	61.0	289	<20	<50	0.26	3	
Z39610 (129631)	<1	0.25	3	22	3.58	2860	1.6	1.67	59.2	297	<20	<50	0.12	3	
Z39611 (129632)	<1	0.50	3	14	3.02	2080	1.8	1.97	61.7	257	<20	<50	0.13	3	
Z39612 (129633)	<1	0.02	<2	1	2.95	109	<0.5	0.05	0.6	84	<20	<50	0.07	2	
Z39613 (129634)	<1	1.19	4	10	0.14	106	11.6	3.74	3.8	46	38	<50	0.04	<1	
Z39614 (129635)	<1	2.89	2	4	0.05	71	7.8	2.92	2.2	30	27	<50	0.01	<1	
Z39615 (129636)	<1	2.83	6	10	0.07	236	6.4	3.06	2.1	86	23	<50	0.01	<1	
Z39616 (129637)	<1	4.94	20	52	1.64	498	4.8	2.29	60.3	974	39	<50	0.10	2	
Z39617 (129638)	<1	3.57	7	14	0.16	231	5.2	2.95	5.8	115	26	<50	0.01	<1	
Z39618 (129639)	<1	3.75	7	13	0.13	218	6.5	2.94	4.9	113	28	<50	0.01	<1	
Z39619 (129640)	<1	0.52	3	14	2.84	2300	3.3	2.01	123	286	<20	<50	0.20	3	
Z39620 (129641)	<1	0.40	4	18	2.85	2370	3.5	1.96	120	309	<20	<50	0.15	<1	
Z39621 (129642)	<1	0.26	10	17	2.75	6680	6.5	0.82	97.4	500	<20	<50	4.97	3	
Z39622 (129643)	<1	0.85	28	70	3.59	2150	5.1	1.90	81.9	1680	<20	<50	0.27	2	

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## Certificate of Analysis

AGAT WORK ORDER: 19T456504

PROJECT: AGAT00626

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019	DATE RECEIVED: Apr 12, 2019					DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core				
Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Rb ppm	S %	Sb ppm
Z39623 (129644)		<1	0.36	5	24	2.70	2400	3.3	1.96	82.6	427	<20	<50	0.17	2
Z39624 (129645)		<1	0.24	2	25	3.03	1810	2.7	1.55	129	238	<20	<50	0.12	4
Z39625 (129646)		<1	0.28	2	28	3.47	1600	2.3	1.84	136	270	<20	<50	0.13	3
Z39626 (129647)		<1	0.42	9	10	4.10	1300	1.9	2.32	104	841	<20	<50	0.09	<1
Z39627 (129648)		<1	0.39	3	22	3.27	1630	2.3	1.96	125	243	<20	<50	0.11	3
Z39628 (129649)		<1	0.29	4	21	3.12	1800	2.3	1.79	80.6	313	<20	<50	0.12	1
Z39629 (129650)		<1	0.27	3	19	3.18	2230	2.6	1.76	71.8	238	<20	<50	0.12	4
Z39630 (129651)		<1	1.32	40	35	5.50	1300	4.1	1.22	208	1600	<20	<50	0.26	2

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019

DATE RECEIVED: Apr 12, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Z39559 (129580)	44	<10	<5	86	<10	<10	<5	0.57	<5	<50	282	<1	21	77.7
Z39560 (129581)	46	<10	<5	105	<10	<10	<5	0.57	<5	<50	287	<1	21	83.8
Z39561 (129582)	38	<10	<5	132	<10	<10	<5	0.58	<5	<50	241	<1	19	82.1
Z39562 (129583)	42	<10	<5	116	<10	<10	<5	0.39	<5	<50	236	<1	16	64.9
Z39563 (129584)	39	<10	<5	117	<10	<10	<5	0.40	<5	<50	226	<1	17	68.3
Z39564 (129585)	41	<10	<5	130	<10	<10	<5	0.50	<5	<50	251	<1	21	83.4
Z39565 (129586)	45	<10	<5	134	<10	<10	<5	0.50	<5	<50	280	<1	22	80.1
Z39566 (129587)	34	<10	<5	255	<10	<10	<5	0.86	<5	<50	234	<1	23	83.6
Z39567 (129588)	40	<10	<5	170	<10	<10	<5	0.55	<5	<50	240	<1	21	88.1
Z39568 (129589)	38	<10	<5	209	<10	<10	<5	0.51	<5	<50	234	<1	20	73.4
Z39569 (129590)	11	<10	<5	33	<10	<10	<5	0.15	<5	<50	64.4	<1	8	25.7
Z39570 (129591)	44	<10	<5	121	<10	<10	<5	0.57	<5	<50	271	<1	23	85.7
Z39571 (129592)	42	<10	<5	120	<10	<10	<5	0.55	<5	<50	266	<1	21	81.7
Z39572 (129593)	<1	<10	<5	57	<10	<10	<5	<0.01	<5	<50	2.2	<1	2	3.5
Z39573 (129594)	43	<10	<5	129	<10	<10	<5	0.53	<5	<50	266	<1	21	132
Z39574 (129595)	37	<10	<5	288	<10	<10	<5	0.23	<5	<50	180	<1	13	89.8
Z39575 (129596)	37	<10	<5	146	<10	<10	<5	0.46	<5	<50	229	<1	18	84.8
Z39576 (129597)	45	<10	<5	126	<10	<10	<5	0.57	<5	<50	274	<1	19	84.6
Z39577 (129598)	46	<10	<5	113	<10	<10	<5	0.58	<5	<50	283	<1	21	88.8
Z39578 (129599)	46	<10	<5	113	<10	<10	<5	0.58	<5	<50	283	<1	21	87.9
Z39579 (129600)	45	<10	<5	159	<10	<10	<5	0.58	<5	<50	282	<1	20	93.0
Z39580 (129601)	44	<10	<5	114	<10	<10	<5	0.56	<5	<50	277	<1	21	84.3
Z39581 (129602)	45	<10	<5	119	<10	<10	<5	0.58	<5	<50	283	<1	20	85.4
Z39582 (129603)	43	<10	<5	130	<10	<10	<5	0.53	<5	<50	269	<1	20	76.8
Z39583 (129604)	43	<10	<5	103	<10	<10	<5	0.56	<5	<50	273	<1	20	83.8
Z39584 (129605)	42	<10	<5	93	<10	<10	<5	0.53	<5	<50	274	<1	20	84.9
Z39585 (129606)	10	<10	<5	21	<10	<10	<5	0.12	<5	<50	61.7	<1	5	18.7
Z39586 (129607)	34	<10	<5	265	<10	<10	<5	0.89	<5	<50	233	<1	23	85.0
Z39587 (129608)	41	<10	<5	102	<10	<10	<5	0.46	<5	<50	247	<1	19	68.6
Z39588 (129609)	49	<10	<5	104	<10	<10	<5	0.57	<5	<50	296	<1	23	78.7
Z39589 (129610)	49	<10	<5	114	<10	<10	<5	0.62	<5	<50	318	<1	24	82.3
Z39590 (129611)	46	<10	<5	121	<10	<10	<5	0.56	<5	<50	283	<1	22	91.6

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456504

PROJECT: AGAT00626

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019	DATE RECEIVED: Apr 12, 2019					DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Z39591 (129612)	45	<10	<5	140	<10	<10	<5	0.60	<5	<50	279	<1	23	90.6	
Z39592 (129613)	<1	<10	<5	74	<10	<10	<5	<0.01	<5	<50	2.1	<1	3	2.7	
Z39593 (129614)	45	<10	<5	114	<10	<10	<5	0.59	<5	<50	279	<1	21	85.1	
Z39594 (129615)	45	<10	<5	132	<10	<10	<5	0.60	<5	<50	278	<1	21	82.6	
Z39595 (129616)	46	<10	<5	114	<10	<10	<5	0.57	<5	<50	294	<1	21	80.2	
Z39596 (129617)	45	<10	<5	113	<10	<10	<5	0.58	<5	<50	285	<1	21	86.6	
Z39597 (129618)	45	<10	<5	127	<10	<10	<5	0.60	<5	<50	282	<1	21	102	
Z39598 (129619)	45	<10	<5	126	<10	<10	<5	0.59	<5	<50	279	42	22	102	
Z39599 (129620)	41	<10	<5	102	<10	<10	<5	0.56	<5	<50	259	<1	21	97.0	
Z39600 (129621)	42	<10	<5	122	<10	<10	<5	0.54	<5	<50	266	<1	22	95.4	
Z39601 (129622)	39	<10	<5	139	<10	<10	<5	0.53	<5	<50	243	<1	21	97.0	
Z39602 (129623)	35	<10	<5	126	<10	<10	<5	0.46	<5	<50	214	<1	18	86.2	
Z39603 (129624)	43	<10	<5	153	<10	<10	<5	0.52	<5	<50	261	<1	20	86.6	
Z39604 (129625)	43	<10	<5	174	<10	<10	<5	0.54	<5	<50	275	<1	21	87.4	
Z39605 (129626)	44	<10	<5	108	<10	<10	<5	0.57	<5	<50	278	<1	21	88.7	
Z39606 (129627)	34	<10	<5	246	<10	<10	<5	0.83	<5	<50	234	<1	23	84.4	
Z39607 (129628)	44	<10	<5	101	<10	<10	<5	0.57	<5	<50	272	<1	22	99.0	
Z39608 (129629)	48	<10	<5	114	<10	<10	<5	0.58	<5	<50	305	<1	23	84.1	
Z39609 (129630)	44	<10	<5	88	<10	<10	<5	0.57	<5	<50	275	<1	23	91.4	
Z39610 (129631)	46	<10	<5	97	<10	<10	<5	0.59	<5	<50	287	<1	22	92.4	
Z39611 (129632)	43	<10	<5	106	<10	<10	<5	0.56	<5	<50	267	<1	20	103	
Z39612 (129633)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	4.4	
Z39613 (129634)	2	<10	<5	150	<10	<10	16	0.04	<5	<50	6.5	<1	3	18.1	
Z39614 (129635)	<1	<10	<5	146	<10	<10	9	0.02	<5	<50	2.4	<1	2	9.5	
Z39615 (129636)	2	<10	<5	142	<10	<10	10	0.02	<5	<50	2.9	<1	7	16.2	
Z39616 (129637)	8	<10	<5	367	<10	<10	18	0.59	<5	<50	82.8	<1	22	69.3	
Z39617 (129638)	2	<10	<5	164	<10	<10	11	0.05	<5	<50	8.3	<1	5	20.9	
Z39618 (129639)	2	<10	<5	164	<10	<10	10	0.04	<5	<50	6.3	<1	5	19.4	
Z39619 (129640)	39	<10	<5	111	<10	<10	<5	0.57	<5	<50	259	<1	22	92.2	
Z39620 (129641)	38	<10	<5	119	<10	<10	<5	0.57	<5	<50	245	<1	23	102	
Z39621 (129642)	14	<10	<5	41	<10	14	<5	0.34	<5	<50	81.7	<1	30	223	
Z39622 (129643)	32	<10	<5	470	<10	<10	<5	1.30	<5	<50	283	<1	41	175	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456504

PROJECT: AGAT00626

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019

DATE RECEIVED: Apr 12, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Z39623 (129644)	43	<10	<5	113	<10	<10	<5	0.73	<5	<50	305	<1	29	115
Z39624 (129645)	40	<10	<5	105	<10	<10	<5	0.47	<5	<50	236	<1	19	80.3
Z39625 (129646)	39	<10	<5	119	<10	<10	<5	0.48	<5	<50	235	<1	19	78.7
Z39626 (129647)	34	<10	<5	252	<10	<10	<5	0.85	<5	<50	230	<1	23	82.2
Z39627 (129648)	38	<10	<5	139	<10	<10	<5	0.48	<5	<50	231	<1	19	83.3
Z39628 (129649)	43	<10	<5	137	<10	<10	<5	0.55	<5	<50	271	<1	21	87.8
Z39629 (129650)	44	<10	<5	111	<10	<10	<5	0.57	<5	<50	272	<1	22	87.4
Z39630 (129651)	28	<10	<5	588	<10	<10	<5	1.13	<5	<50	225	<1	21	127

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019      DATE RECEIVED: Apr 12, 2019      DATE REPORTED: Apr 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
Z39559 (129580)				13
Z39560 (129581)				14
Z39561 (129582)				13
Z39562 (129583)				50
Z39563 (129584)				50
Z39564 (129585)				22
Z39565 (129586)				14
Z39566 (129587)				91
Z39567 (129588)				38
Z39568 (129589)				33
Z39569 (129590)				9
Z39570 (129591)				13
Z39571 (129592)				13
Z39572 (129593)				<5
Z39573 (129594)				15
Z39574 (129595)				22
Z39575 (129596)				17
Z39576 (129597)				15
Z39577 (129598)				13
Z39578 (129599)				12
Z39579 (129600)				16
Z39580 (129601)				13
Z39581 (129602)				15
Z39582 (129603)				12
Z39583 (129604)				13
Z39584 (129605)				13
Z39585 (129606)				<5
Z39586 (129607)				91
Z39587 (129608)				14
Z39588 (129609)				15
Z39589 (129610)				15
Z39590 (129611)				16

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T456504

PROJECT: AGAT00626

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019      DATE RECEIVED: Apr 12, 2019      DATE REPORTED: Apr 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
Z39591 (129612)				12
Z39592 (129613)				<5
Z39593 (129614)				11
Z39594 (129615)				13
Z39595 (129616)				14
Z39596 (129617)				13
Z39597 (129618)				16
Z39598 (129619)				16
Z39599 (129620)				15
Z39600 (129621)				24
Z39601 (129622)				19
Z39602 (129623)				27
Z39603 (129624)				16
Z39604 (129625)				32
Z39605 (129626)				14
Z39606 (129627)				93
Z39607 (129628)				16
Z39608 (129629)				15
Z39609 (129630)				18
Z39610 (129631)				17
Z39611 (129632)				16
Z39612 (129633)				<5
Z39613 (129634)				110
Z39614 (129635)				100
Z39615 (129636)				91
Z39616 (129637)				137
Z39617 (129638)				71
Z39618 (129639)				67
Z39619 (129640)				16
Z39620 (129641)				14
Z39621 (129642)				53
Z39622 (129643)				134

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T456504

PROJECT: AGAT00626

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019

DATE RECEIVED: Apr 12, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
Z39623 (129644)	23
Z39624 (129645)	12
Z39625 (129646)	14
Z39626 (129647)	92
Z39627 (129648)	11
Z39628 (129649)	14
Z39629 (129650)	13
Z39630 (129651)	119

Comments: RDL - Reported Detection Limit

129580-129651 As, Sb values may be low due to digestion losses.

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T456504

PROJECT: AGAT00626

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 11, 2019

DATE RECEIVED: Apr 12, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Analyte:	Unit:	RDL:
Au	ppm	0.001
Sample ID (AGAT ID)		
Z39559 (129580)		0.004
Z39560 (129581)		0.002
Z39561 (129582)		0.003
Z39562 (129583)		0.022
Z39563 (129584)		0.004
Z39564 (129585)		0.003
Z39565 (129586)		0.006
Z39566 (129587)		0.324
Z39567 (129588)		0.015
Z39568 (129589)		0.004
Z39569 (129590)		0.003
Z39570 (129591)		0.002
Z39571 (129592)		0.004
Z39572 (129593)		<0.001
Z39573 (129594)		0.005
Z39574 (129595)		0.009
Z39575 (129596)		0.025
Z39576 (129597)		0.015
Z39577 (129598)		0.004
Z39578 (129599)		0.004
Z39579 (129600)		0.004
Z39580 (129601)		0.003
Z39581 (129602)		0.002
Z39582 (129603)		0.007
Z39583 (129604)		0.004
Z39584 (129605)		0.003
Z39585 (129606)		0.002
Z39586 (129607)		0.349
Z39587 (129608)		0.004
Z39588 (129609)		0.006
Z39589 (129610)		0.004
Z39590 (129611)		0.006

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456504

PROJECT: AGAT00626

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 11, 2019      DATE RECEIVED: Apr 12, 2019      DATE REPORTED: Apr 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
Z39591 (129612)			0.002
Z39592 (129613)			0.001
Z39593 (129614)			0.002
Z39594 (129615)			0.002
Z39595 (129616)			0.004
Z39596 (129617)			0.002
Z39597 (129618)			0.004
Z39598 (129619)			0.003
Z39599 (129620)			0.003
Z39600 (129621)			0.003
Z39601 (129622)			0.003
Z39602 (129623)			0.002
Z39603 (129624)			0.002
Z39604 (129625)			0.002
Z39605 (129626)			0.015
Z39606 (129627)			0.321
Z39607 (129628)			0.004
Z39608 (129629)			0.003
Z39609 (129630)			0.005
Z39610 (129631)			0.002
Z39611 (129632)			0.003
Z39612 (129633)			0.001
Z39613 (129634)			0.066
Z39614 (129635)			0.005
Z39615 (129636)			0.003
Z39616 (129637)			0.008
Z39617 (129638)			0.010
Z39618 (129639)			0.005
Z39619 (129640)			0.004
Z39620 (129641)			0.003
Z39621 (129642)			0.035
Z39622 (129643)			0.003

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456504

PROJECT: AGAT00626

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CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 11, 2019

DATE RECEIVED: Apr 12, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
Z39623 (129644)			0.003
Z39624 (129645)			0.003
Z39625 (129646)			0.004
Z39626 (129647)			0.339
Z39627 (129648)			0.005
Z39628 (129649)			0.004
Z39629 (129650)			0.003
Z39630 (129651)			0.004

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456504

PROJECT: AGAT00626

5623 McADAM ROAD  
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 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 11, 2019

DATE RECEIVED: Apr 12, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
Z39559 (129580)		78
Z39560 (129581)		80
Z39597 (129618)		79
Z39617 (129638)		78

Comments: RDL - Reported Detection Limit

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456504

PROJECT: AGAT00626

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CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 11, 2019

DATE RECEIVED: Apr 12, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
Z39559 (129580)		98
Z39587 (129608)		96
Z39613 (129634)		98

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	129580	< 0.5	< 0.5	0.0%	129594	< 0.5	< 0.5	0.0%	129605	< 0.5	< 0.5	0.0%	129619	< 0.5	< 0.5	0.0%
Al	129580	7.03	7.12	1.3%	129594	7.31	7.29	0.3%	129605	6.62	7.74	15.6%	129619	7.85	7.90	0.6%
As	129580	< 1	< 1	0.0%	129594	10	13	26.1%	129605	< 1	< 1	0.0%	129619	< 1	< 1	0.0%
Ba	129580	129	130	0.8%	129594	148	147	0.7%	129605	60	65	8.0%	129619	108	105	2.8%
Be	129580	< 0.5	< 0.5	0.0%	129594	0.6	0.5	18.2%	129605	< 0.5	< 0.5	0.0%	129619	< 0.5	< 0.5	0.0%
Bi	129580	10	11	9.5%	129594	6	7	15.4%	129605	9	9	0.0%	129619	11	10	9.5%
Ca	129580	7.91	8.09	2.3%	129594	7.34	7.44	1.4%	129605	7.30	7.62	4.3%	129619	8.01	7.72	3.7%
Cd	129580	< 0.5	< 0.5	0.0%	129594	< 0.5	< 0.5	0.0%	129605	< 0.5	< 0.5	0.0%	129619	< 0.5	< 0.5	0.0%
Ce	129580	2	2	0.0%	129594	4	4	0.0%	129605	1	2		129619	3	3	0.0%
Co	129580	37.9	37.7	0.5%	129594	40.5	39.5	2.5%	129605	44.8	44.5	0.7%	129619	40.0	40.2	0.5%
Cr	129580	116	115	0.9%	129594	108	102	5.7%	129605	115	118	2.6%	129619	228	223	2.2%
Cu	129580	127	128	0.8%	129594	141	140	0.7%	129605	163	171	4.8%	129619	169	165	2.4%
Fe	129580	8.83	9.05	2.5%	129594	8.27	8.42	1.8%	129605	8.89	9.24	3.9%	129619	9.35	8.99	3.9%
Ga	129580	25	27	7.7%	129594	25	25	0.0%	129605	27	28	3.6%	129619	28	26	7.4%
In	129580	< 1	< 1	0.0%	129594	< 1	< 1	0.0%	129605	< 1	< 1	0.0%	129619	< 1	< 1	0.0%
K	129580	0.286	0.282	1.4%	129594	0.41	0.41	0.0%	129605	0.18	0.21	15.4%	129619	0.37	0.37	0.0%
La	129580	3	3	0.0%	129594	4	4	0.0%	129605	3	3	0.0%	129619	4	4	0.0%
Li	129580	19	19	0.0%	129594	20	21	4.9%	129605	16	18	11.8%	129619	23	23	0.0%
Mg	129580	3.32	3.39	2.1%	129594	3.47	3.45	0.6%	129605	2.43	2.81	14.5%	129619	3.30	3.30	0.0%
Mn	129580	3070	3150	2.6%	129594	2640	2690	1.9%	129605	2590	2700	4.2%	129619	3020	2910	3.7%
Mo	129580	5.7	5.7	0.0%	129594	4.5	4.8	6.5%	129605	4.89	4.98	1.8%	129619	2.0	2.1	4.9%
Na	129580	1.32	1.33	0.8%	129594	1.64	1.67	1.8%	129605	1.43	1.50	4.8%	129619	1.61	1.55	3.8%
Ni	129580	54.3	52.8	2.8%	129594	66.7	66.8	0.1%	129605	76.7	77.4	0.9%	129619	62.4	61.8	1.0%
P	129580	294	290	1.4%	129594	344	344	0.0%	129605	216	226	4.5%	129619	316	313	1.0%
Pb	129580	< 20	< 20	0.0%	129594	< 20	< 20	0.0%	129605	< 20	< 20	0.0%	129619	< 20	< 20	0.0%
Rb	129580	< 50	< 50	0.0%	129594	< 50	< 50	0.0%	129605	< 50	< 50	0.0%	129619	< 50	< 50	0.0%
S	129580	0.18	0.18	0.0%	129594	0.20	0.20	0.0%	129605	0.18	0.19	5.4%	129619	0.321	0.312	2.8%
Sb	129580	1	2	66.7%	129594	< 1	1		129605	< 1	< 1	0.0%	129619	3	3	0.0%
Sc	129580	44	45	2.2%	129594	43	42	2.4%	129605	42	43	2.4%	129619	45	44	2.2%
Se	129580	< 10	< 10	0.0%	129594	< 10	< 10	0.0%	129605	< 10	< 10	0.0%	129619	< 10	< 10	0.0%
Sn	129580	< 5	< 5	0.0%	129594	< 5	< 5	0.0%	129605	< 5	< 5	0.0%	129619	< 5	< 5	0.0%





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	129580	86	83	3.6%	129594	129	131	1.5%	129605	93	97	4.2%	129619	126	121	4.0%
Ta	129580	< 10	< 10	0.0%	129594	< 10	< 10	0.0%	129605	< 10	< 10	0.0%	129619	< 10	< 10	0.0%
Te	129580	< 10	< 10	0.0%	129594	< 10	< 10	0.0%	129605	< 10	< 10	0.0%	129619	< 10	< 10	0.0%
Th	129580	< 5	< 5	0.0%	129594	< 5	< 5	0.0%	129605	< 5	< 5	0.0%	129619	< 5	< 5	0.0%
Ti	129580	0.567	0.576	1.6%	129594	0.533	0.540	1.3%	129605	0.529	0.557	5.2%	129619	0.59	0.57	3.4%
Tl	129580	< 5	< 5	0.0%	129594	< 5	< 5	0.0%	129605	< 5	< 5	0.0%	129619	< 5	< 5	0.0%
U	129580	< 50	< 50	0.0%	129594	< 50	< 50	0.0%	129605	< 50	< 50	0.0%	129619	< 50	< 50	0.0%
V	129580	282	288	2.1%	129594	266	262	1.5%	129605	274	279	1.8%	129619	279	278	0.4%
W	129580	< 1	< 1	0.0%	129594	< 1	< 1	0.0%	129605	< 1	< 1	0.0%	129619	42	46	9.1%
Y	129580	21	22	4.7%	129594	21	21	0.0%	129605	20	20	0.0%	129619	22	21	4.7%
Zn	129580	77.7	79.9	2.8%	129594	132	132	0.0%	129605	84.9	93.5	9.6%	129619	102	99.7	2.3%
Zr	129580	13	13	0.0%	129594	15	16	6.5%	129605	13	12	8.0%	129619	16	19	17.1%

Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	129630	< 0.5	< 0.5	0.0%	129644	< 0.5	< 0.5	0.0%								
Al	129630	7.64	7.41	3.1%	129644	8.02	8.01	0.1%								
As	129630	< 1	< 1	0.0%	129644	< 1	< 1	0.0%								
Ba	129630	100	100	0.0%	129644	178	178	0.0%								
Be	129630	< 0.5	< 0.5	0.0%	129644	0.57	0.48	17.1%								
Bi	129630	10	11	9.5%	129644	15	12	22.2%								
Ca	129630	7.97	7.90	0.9%	129644	7.00	7.07	1.0%								
Cd	129630	< 0.5	< 0.5	0.0%	129644	< 0.5	< 0.5	0.0%								
Ce	129630	3	3	0.0%	129644	6	6	0.0%								
Co	129630	40.0	40.3	0.7%	129644	45.8	45.0	1.8%								
Cr	129630	221	201	9.5%	129644	151	152	0.7%								
Cu	129630	171	175	2.3%	129644	95.8	97.4	1.7%								
Fe	129630	9.60	9.50	1.0%	129644	9.48	9.59	1.2%								
Ga	129630	28	28	0.0%	129644	31	30	3.3%								
In	129630	< 1	< 1	0.0%	129644	< 1	< 1	0.0%								
K	129630	0.253	0.244	3.6%	129644	0.36	0.36	0.0%								
La	129630	3	3	0.0%	129644	5	5	0.0%								
Li	129630	25	24	4.1%	129644	24	24	0.0%								
Mg	129630	3.65	3.55	2.8%	129644	2.70	2.69	0.4%								
Mn	129630	2920	2900	0.7%	129644	2400	2440	1.7%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	129630	2.0	2.0	0.0%	129644	3.26	3.55	8.5%								
Na	129630	1.45	1.45	0.0%	129644	1.96	1.98	1.0%								
Ni	129630	61.0	59.7	2.2%	129644	82.6	81.5	1.3%								
P	129630	289	277	4.2%	129644	427	419	1.9%								
Pb	129630	< 20	< 20	0.0%	129644	< 20	< 20	0.0%								
Rb	129630	< 50	< 50	0.0%	129644	< 50	< 50	0.0%								
S	129630	0.258	0.253	2.0%	129644	0.17	0.17	0.0%								
Sb	129630	3	3	0.0%	129644	2	2	0.0%								
Sc	129630	44	44	0.0%	129644	43	43	0.0%								
Se	129630	< 10	< 10	0.0%	129644	< 10	< 10	0.0%								
Sn	129630	< 5	< 5	0.0%	129644	< 5	< 5	0.0%								
Sr	129630	88	87	1.1%	129644	113	115	1.8%								
Ta	129630	< 10	< 10	0.0%	129644	< 10	< 10	0.0%								
Te	129630	< 10	< 10	0.0%	129644	< 10	< 10	0.0%								
Th	129630	< 5	< 5	0.0%	129644	< 5	< 5	0.0%								
Ti	129630	0.57	0.57	0.0%	129644	0.734	0.750	2.2%								
Tl	129630	< 5	< 5	0.0%	129644	< 5	< 5	0.0%								
U	129630	< 50	< 50	0.0%	129644	< 50	< 50	0.0%								
V	129630	275	277	0.7%	129644	305	304	0.3%								
W	129630	< 1	< 1	0.0%	129644	< 1	< 1	0.0%								
Y	129630	23	23	0.0%	129644	29	29	0.0%								
Zn	129630	91.4	92.1	0.8%	129644	115	113	1.8%								
Zr	129630	18	16	11.8%	129644	23	21	9.1%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	129580	0.004	0.004	0.0%	129594	0.005	0.006	18.2%	129605	0.003	0.003	0.0%	129619	0.003	0.003	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	129630	0.005	0.005	0.0%	129644	0.0033	0.0035	5.9%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	11.16	102%	90% - 110%	8.17	8.13	100%	90% - 110%	6.96	6.86	99%	90% - 110%	10.95	11.05	101%	90% - 110%
As					26	23	90%	90% - 110%	124	121	97%	90% - 110%				
Ba	340	318	94%	90% - 110%	540	505	93%	90% - 110%	186	173	93%	90% - 110%	340	319	94%	90% - 110%
Be	2.6	2.7	103%	90% - 110%	4.0	3.8	95%	90% - 110%					2.6	2.6	100%	90% - 110%
Ca	5.72	5.6	98%	90% - 110%	0.907	0.865	95%	90% - 110%	4.01	3.77	94%	90% - 110%	5.72	5.51	96%	90% - 110%
Ce	122	114	93%	90% - 110%	98	90	92%	90% - 110%	24	22	91%	90% - 110%	122	112	91%	90% - 110%
Co									22.1	20.3	92%	90% - 110%				
Cr	12	11	91%	90% - 110%	60.3	61.6	102%	90% - 110%					12	11	91%	90% - 110%
Cu					150	150	100%	90% - 110%	88.6	82.4	93%	90% - 110%				
Fe	4.34	4.07	94%	90% - 110%	3.77	3.62	96%	90% - 110%	7.56	6.96	92%	90% - 110%	4.34	4.05	93%	90% - 110%
Ga	35	34	97%	90% - 110%									35	33	95%	90% - 110%
K	1.37	1.43	105%	90% - 110%					2.021	2.022	100%	90% - 110%	1.37	1.42	104%	90% - 110%
La	58	54	93%	90% - 110%	44	41	93%	90% - 110%					58	54	94%	90% - 110%
Li	37	39	105%	90% - 110%	47	47	100%	90% - 110%					37	39	105%	90% - 110%
Mg	0.325	0.301	93%	90% - 110%	1.10	1.06	96%	90% - 110%	2.412	2.328	97%	90% - 110%	0.325	0.298	92%	90% - 110%
Mn					780	732	94%	90% - 110%	1510	1403	93%	90% - 110%				
Mo					14	13	95%	90% - 110%								
Na	5.267	5.395	102%	90% - 110%	1.624	1.691	104%	90% - 110%	0.617	0.615	100%	90% - 110%	5.267	5.346	101%	90% - 110%
Ni					32	32	100%	90% - 110%	77.1	70.3	91%	90% - 110%				
P					750	736	98%	90% - 110%	892	870	98%	90% - 110%				
Pb					31	28	90%	90% - 110%								
S									0.348	0.335	96%	90% - 110%				
Sb					0.8	0.7	84%	90% - 110%								
Sc	1.1	1.1	101%	90% - 110%	12	12	103%	90% - 110%					1.1	1.1	96%	90% - 110%
Sr	1191	1231	103%	90% - 110%	144	155	107%	90% - 110%	92.8	89.5	96%	90% - 110%	1191	1213	102%	90% - 110%
Th					18.4	18	98%	90% - 110%								
Ti	0.172	0.166	97%	90% - 110%	0.53	0.49	92%	90% - 110%					0.172	0.17	99%	90% - 110%
V					77	76	98%	90% - 110%								
Y	119	126	106%	90% - 110%									119	122	103%	90% - 110%
Zn	93	92	99%	90% - 110%	130	121	93%	90% - 110%	208	197	95%	90% - 110%	93	92	99%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP5G)				CRM #3 (ref.GSP7M)				CRM #4 (ref.GS5W)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.4	93%	90% - 110%	0.562	0.509	90%	90% - 110%	0.725	0.766	106%	90% - 110%	5.27	5.27	100%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00626  
 SAMPLING SITE:

AGAT WORK ORDER: 19T456504  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00627

AGAT WORK ORDER: 19T456513

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Apr 29, 2019

PAGES (INCLUDING COVER): 20

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T456513

PROJECT: AGAT00627

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 11, 2019

DATE RECEIVED: Apr 12, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
Z39631 (129664)		2.39
Z39632 (129665)		0.99
Z39633 (129666)		1.40
Z39634 (129667)		2.26
Z39635 (129668)		1.86
Z39636 (129669)		2.97
Z39637 (129670)		3.76
Z39638 (129671)		3.76
Z39639 (129672)		3.52
Z39640 (129673)		4.10
Z39641 (129674)		3.91
Z39642 (129675)		4.00
Z39643 (129676)		4.02
Z39644 (129677)		3.43
Z39645 (129678)		2.34
Z39646 (129679)		0.07
Z39647 (129680)		3.17
Z39648 (129681)		3.33
Z39649 (129682)		3.94
Z39650 (129683)		3.72
Z39651 (129684)		3.80
Z39652 (129685)		0.94
Z39653 (129686)		2.47
Z39654 (129687)		1.52
Z39655 (129688)		0.91
Z39656 (129689)		1.29
Z39657 (129690)		0.82
Z39658 (129691)		0.82
Z39659 (129692)		1.76
Z39660 (129693)		2.29
Z39661 (129694)		1.46

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456513

PROJECT: AGAT00627

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Apr 11, 2019	DATE RECEIVED: Apr 12, 2019	DATE REPORTED: Apr 29, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
Z39662 (129695)		3.31
Z39663 (129696)		1.91
Z39664 (129697)		1.34
Z39665 (129698)		2.59
Z39666 (129699)		0.07
Z39667 (129700)		3.24

Comments: RDL - Reported Detection Limit

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T456513

PROJECT: AGAT00627

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019	DATE RECEIVED: Apr 12, 2019					DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z39631 (129664)	<0.5	7.67	16	140	0.9	2	7.90	<0.5	8	40.3	198	110	6.85	34	
Z39632 (129665)	<0.5	0.09	3	16	<0.5	<1	30.2	<0.5	<1	1.0	14.6	<0.5	0.17	13	
Z39633 (129666)	<0.5	7.23	2	1140	0.7	3	0.90	<0.5	3	0.9	24.3	3.8	1.06	16	
Z39634 (129667)	<0.5	6.86	<1	695	1.1	<1	1.22	<0.5	16	<0.5	25.5	1.3	0.32	14	
Z39635 (129668)	<0.5	6.94	1	711	1.4	<1	1.38	<0.5	5	3.5	36.4	8.3	1.31	18	
Z39636 (129669)	<0.5	7.78	<1	120	1.0	4	6.87	<0.5	12	41.8	134	119	10.7	37	
Z39637 (129670)	<0.5	7.51	<1	143	0.7	<1	7.05	<0.5	9	38.8	184	117	8.83	38	
Z39638 (129671)	<0.5	7.99	<1	158	0.8	2	7.60	<0.5	9	38.8	187	113	9.59	37	
Z39639 (129672)	<0.5	7.71	<1	143	0.7	<1	7.37	<0.5	9	51.4	172	221	9.92	39	
Z39640 (129673)	<0.5	7.88	1	101	0.6	4	8.47	<0.5	8	44.7	158	97.6	9.00	38	
Z39641 (129674)	<0.5	8.29	<1	107	0.6	3	10.4	<0.5	5	46.2	224	87.8	8.67	35	
Z39642 (129675)	<0.5	7.95	<1	81	0.5	3	10.5	<0.5	4	45.9	248	112	7.94	35	
Z39643 (129676)	<0.5	7.70	<1	101	<0.5	<1	11.1	<0.5	4	45.2	224	122	8.08	37	
Z39644 (129677)	<0.5	7.97	<1	124	0.5	<1	9.07	<0.5	6	45.8	193	115	8.49	40	
Z39645 (129678)	<0.5	6.92	4	139	0.7	<1	7.41	<0.5	17	39.1	207	63.9	6.64	34	
Z39646 (129679)	<0.5	7.44	<1	191	0.9	7	6.56	<0.5	19	37.3	206	106	7.69	38	
Z39647 (129680)	1.0	6.52	<1	924	4.7	7	6.95	<0.5	247	19.1	18.3	47.9	8.16	45	
Z39648 (129681)	<0.5	7.56	3	123	0.7	1	8.55	<0.5	10	42.4	108	118	8.81	39	
Z39649 (129682)	<0.5	7.79	2	115	0.7	1	7.86	<0.5	7	42.7	129	93.6	9.16	40	
Z39650 (129683)	<0.5	7.63	9	120	0.7	2	7.68	<0.5	8	40.4	219	93.2	6.96	36	
Z39651 (129684)	<0.5	7.43	6	95	0.6	2	7.58	<0.5	6	43.0	236	67.7	6.94	35	
Z39652 (129685)	<0.5	0.08	5	15	<0.5	<1	31.0	<0.5	<1	0.9	11.1	<0.5	0.16	12	
Z39653 (129686)	<0.5	7.78	10	171	0.6	3	7.89	<0.5	6	42.8	199	94.7	7.35	33	
Z39654 (129687)	<0.5	7.96	10	201	0.7	<1	7.57	<0.5	12	48.1	230	162	7.52	39	
Z39655 (129688)	0.6	2.76	<1	577	2.0	7	6.70	<0.5	134	72.5	879	104	11.4	52	
Z39656 (129689)	<0.5	7.53	5	208	1.0	3	8.41	<0.5	16	41.2	116	67.8	7.54	35	
Z39657 (129690)	<0.5	4.28	<1	720	2.6	31	9.21	<0.5	140	45.7	546	126	10.9	44	
Z39658 (129691)	<0.5	4.16	<1	736	2.6	33	9.26	<0.5	148	44.6	568	130	11.0	49	
Z39659 (129692)	<0.5	7.35	9	163	1.1	4	7.55	<0.5	16	38.7	126	135	8.34	37	
Z39660 (129693)	<0.5	5.52	3	216	1.6	2	2.55	<0.5	70	3.3	38.1	30.3	3.66	28	
Z39661 (129694)	<0.5	5.56	5	210	1.4	<1	2.42	<0.5	69	4.0	38.9	65.8	6.48	29	
Z39662 (129695)	<0.5	8.58	8	174	0.8	4	8.62	<0.5	10	40.4	180	83.8	7.61	37	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456513

PROJECT: AGAT00627

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019	DATE RECEIVED: Apr 12, 2019				DATE REPORTED: Apr 29, 2019				SAMPLE TYPE: Drill Core					
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5
Z39663 (129696)	0.6	7.47	3	176	1.8	<1	2.41	<0.5	26	5.7	47.5	44.2	1.89	23
Z39664 (129697)	<0.5	2.68	<1	831	5.1	15	9.58	<0.5	224	52.1	400	96.6	10.2	47
Z39665 (129698)	0.7	7.63	1	158	1.6	<1	2.38	<0.5	39	4.9	47.1	21.9	1.80	25
Z39666 (129699)	<0.5	7.13	<1	183	0.8	5	6.31	<0.5	19	37.8	215	103	7.36	36
Z39667 (129700)	0.5	7.72	7	173	1.3	<1	2.40	<0.5	26	4.2	38.4	25.6	1.69	26

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456513

PROJECT: AGAT00627

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019	DATE RECEIVED: Apr 12, 2019					DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
Z39631 (129664)	<1	1.04	4	17	3.25	1510	3.2	2.15	97.7	346	<20	<50	0.18	<1	
Z39632 (129665)	<1	0.02	3	1	2.53	120	3.8	0.05	1.5	72	<20	<50	<0.01	2	
Z39633 (129666)	<1	5.32	<2	9	0.27	126	3.9	2.07	3.7	68	22	<50	<0.01	<1	
Z39634 (129667)	<1	3.57	9	3	0.06	46	3.7	2.44	1.4	70	24	<50	<0.01	<1	
Z39635 (129668)	<1	3.57	3	10	0.31	287	4.1	2.45	7.8	62	22	<50	0.02	<1	
Z39636 (129669)	<1	0.64	6	14	2.60	3110	<0.5	1.88	70.6	370	<20	<50	0.26	4	
Z39637 (129670)	<1	0.57	5	15	3.53	2210	0.5	2.09	112	331	<20	<50	0.22	1	
Z39638 (129671)	<1	0.62	5	17	3.70	2310	<0.5	2.33	118	328	<20	<50	0.21	2	
Z39639 (129672)	<1	0.47	4	17	2.91	2280	<0.5	2.11	107	373	<20	<50	0.65	4	
Z39640 (129673)	<1	0.27	4	13	2.84	2160	1.0	1.72	90.4	311	<20	<50	0.12	1	
Z39641 (129674)	<1	0.31	3	19	3.32	1800	0.6	1.60	136	215	<20	<50	0.08	<1	
Z39642 (129675)	<1	0.18	3	18	3.12	1830	0.9	1.53	136	253	<20	<50	0.11	<1	
Z39643 (129676)	<1	0.25	3	21	3.17	2060	1.0	1.31	136	239	<20	<50	0.12	<1	
Z39644 (129677)	<1	0.41	4	19	3.75	1770	0.5	1.59	117	272	<20	<50	0.11	1	
Z39645 (129678)	<1	0.48	9	15	3.22	1510	1.5	1.69	79.3	475	<20	<50	0.09	<1	
Z39646 (129679)	<1	0.43	10	10	4.29	1340	<0.5	2.27	109	892	<20	<50	0.08	3	
Z39647 (129680)	<1	0.63	124	45	2.08	1790	6.6	3.15	15.9	5220	41	<50	0.14	<1	
Z39648 (129681)	<1	0.39	5	14	3.05	1990	1.2	1.75	74.6	343	<20	<50	0.14	<1	
Z39649 (129682)	<1	0.40	4	16	3.19	1980	2.7	1.68	77.6	316	<20	<50	0.13	2	
Z39650 (129683)	<1	0.87	4	16	3.28	1510	1.6	1.76	91.7	286	<20	<50	0.12	<1	
Z39651 (129684)	<1	0.31	3	19	3.79	1370	1.0	1.83	110	253	<20	<50	0.06	<1	
Z39652 (129685)	<1	0.01	3	1	2.24	133	2.7	0.04	0.8	96	<20	<50	<0.01	<1	
Z39653 (129686)	<1	0.41	3	19	3.34	1850	2.0	1.86	116	267	<20	<50	0.10	3	
Z39654 (129687)	<1	0.58	6	18	2.61	1980	1.5	1.90	136	435	<20	<50	0.19	<1	
Z39655 (129688)	<1	1.40	57	8	10.6	1660	0.5	0.51	509	2740	24	<50	0.19	<1	
Z39656 (129689)	<1	0.80	10	23	3.34	2110	2.4	2.45	76.4	501	<20	<50	0.10	<1	
Z39657 (129690)	<1	1.83	62	27	7.16	1710	0.6	1.16	228	2290	28	<50	0.22	<1	
Z39658 (129691)	<1	1.85	67	27	7.26	1680	0.8	1.12	239	2680	26	<50	0.22	<1	
Z39659 (129692)	<1	0.91	7	18	3.09	2450	2.1	1.83	68.3	446	<20	<50	0.19	<1	
Z39660 (129693)	<1	0.57	24	13	0.42	1270	5.6	1.41	4.8	215	<20	<50	0.07	<1	
Z39661 (129694)	<1	0.91	24	24	0.73	2350	6.3	1.06	6.5	283	<20	<50	0.15	<1	
Z39662 (129695)	<1	0.67	5	19	2.86	1680	2.8	2.16	90.9	364	<20	<50	0.20	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456513

PROJECT: AGAT00627

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019	DATE RECEIVED: Apr 12, 2019					DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
Z39663 (129696)	<1	1.22	13	26	0.46	235	7.7	3.49	8.7	449	<20	<50	0.18	<1	
Z39664 (129697)	<1	1.58	109	23	7.13	1770	2.4	1.65	265	3370	28	<50	0.18	<1	
Z39665 (129698)	<1	1.00	20	26	0.50	198	5.8	3.42	10.1	390	<20	<50	0.11	<1	
Z39666 (129699)	<1	0.42	9	10	4.11	1270	<0.5	2.18	107	889	<20	<50	0.08	<1	
Z39667 (129700)	<1	0.90	13	22	0.38	382	5.9	3.30	5.0	354	<20	<50	0.12	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019	DATE RECEIVED: Apr 12, 2019					DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Z39631 (129664)	37	<10	<5	130	<10	<10	<5	0.47	<5	<50	240	<1	18	153	
Z39632 (129665)	<1	<10	<5	62	<10	<10	<5	<0.01	<5	<50	2.0	<1	2	5.2	
Z39633 (129666)	2	<10	<5	156	<10	<10	<5	0.10	<5	<50	10.5	3	2	28.3	
Z39634 (129667)	<1	<10	<5	148	<10	<10	<5	0.02	<5	<50	3.4	<1	1	10.2	
Z39635 (129668)	4	<10	<5	142	<10	<10	<5	0.10	<5	<50	28.1	2	3	45.7	
Z39636 (129669)	38	<10	<5	99	<10	11	<5	0.63	<5	<50	278	<1	27	136	
Z39637 (129670)	37	<10	<5	111	<10	10	<5	0.53	<5	<50	257	2	21	165	
Z39638 (129671)	37	<10	<5	121	<10	14	<5	0.56	<5	<50	259	2	20	175	
Z39639 (129672)	38	<10	<5	108	<10	13	<5	0.59	<5	<50	278	1	23	139	
Z39640 (129673)	39	<10	<5	98	<10	11	<5	0.58	<5	<50	279	2	23	99.7	
Z39641 (129674)	39	<10	<5	111	<10	<10	<5	0.44	<5	<50	249	<1	18	87.1	
Z39642 (129675)	37	<10	<5	93	<10	12	<5	0.40	<5	<50	234	<1	17	76.7	
Z39643 (129676)	37	<10	<5	91	<10	<10	<5	0.38	<5	<50	232	3	17	77.3	
Z39644 (129677)	41	<10	<5	114	<10	11	<5	0.51	<5	<50	269	3	19	92.4	
Z39645 (129678)	39	<10	<5	155	<10	<10	<5	0.52	6	<50	257	1	21	111	
Z39646 (129679)	34	<10	<5	244	<10	16	<5	0.82	<5	<50	242	<1	22	90.3	
Z39647 (129680)	9	<10	<5	1260	<10	56	<5	1.63	<5	<50	175	3	46	147	
Z39648 (129681)	43	<10	<5	118	<10	<10	<5	0.53	<5	<50	286	2	21	89.6	
Z39649 (129682)	44	<10	<5	123	<10	<10	<5	0.53	<5	<50	290	<1	20	103	
Z39650 (129683)	42	<10	<5	124	<10	<10	<5	0.48	<5	<50	257	4	19	116	
Z39651 (129684)	40	<10	<5	104	<10	<10	<5	0.46	<5	<50	260	3	19	79.4	
Z39652 (129685)	<1	<10	<5	61	<10	<10	<5	<0.01	<5	<50	2.1	<1	2	4.1	
Z39653 (129686)	37	<10	<5	98	<10	<10	<5	0.47	<5	<50	247	<1	18	80.4	
Z39654 (129687)	42	<10	<5	141	<10	14	<5	0.59	<5	<50	288	1	21	78.4	
Z39655 (129688)	23	<10	<5	611	<10	87	<5	2.39	<5	<50	335	<1	22	114	
Z39656 (129689)	43	<10	<5	275	<10	<10	<5	0.55	<5	<50	282	2	24	92.8	
Z39657 (129690)	31	<10	<5	784	<10	76	<5	2.44	<5	<50	352	<1	27	115	
Z39658 (129691)	32	<10	<5	802	<10	86	<5	2.63	<5	<50	365	<1	28	114	
Z39659 (129692)	41	<10	<5	123	<10	15	<5	0.58	<5	<50	267	3	27	103	
Z39660 (129693)	5	<10	<5	93	<10	<10	<5	0.21	7	<50	8.4	1	120	131	
Z39661 (129694)	5	<10	<5	90	<10	<10	<5	0.22	<5	<50	11.8	2	124	204	
Z39662 (129695)	36	<10	<5	148	<10	<10	<5	0.50	<5	<50	235	10	23	110	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T456513

PROJECT: AGAT00627

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019	DATE RECEIVED: Apr 12, 2019					DATE REPORTED: Apr 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Z39663 (129696)	5	<10	<5	168	<10	<10	<5	0.15	<5	<50	34.0	<1	7	73.9	
Z39664 (129697)	21	<10	<5	1270	<10	61	<5	1.93	<5	<50	313	<1	36	124	
Z39665 (129698)	4	<10	<5	192	<10	<10	<5	0.20	<5	<50	32.0	2	5	76.2	
Z39666 (129699)	34	<10	<5	235	<10	17	<5	0.78	<5	<50	247	3	22	87.0	
Z39667 (129700)	4	<10	<5	177	<10	<10	<5	0.16	<5	<50	24.8	<1	10	80.7	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019

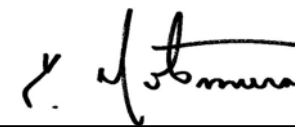
DATE RECEIVED: Apr 12, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Zr
	Unit:	ppm
	RDL:	5
Z39631 (129664)		16
Z39632 (129665)		<5
Z39633 (129666)		46
Z39634 (129667)		7
Z39635 (129668)		16
Z39636 (129669)		21
Z39637 (129670)		18
Z39638 (129671)		17
Z39639 (129672)		15
Z39640 (129673)		13
Z39641 (129674)		11
Z39642 (129675)		11
Z39643 (129676)		11
Z39644 (129677)		12
Z39645 (129678)		29
Z39646 (129679)		95
Z39647 (129680)		469
Z39648 (129681)		21
Z39649 (129682)		14
Z39650 (129683)		14
Z39651 (129684)		13
Z39652 (129685)		<5
Z39653 (129686)		13
Z39654 (129687)		30
Z39655 (129688)		314
Z39656 (129689)		24
Z39657 (129690)		236
Z39658 (129691)		336
Z39659 (129692)		33
Z39660 (129693)		103
Z39661 (129694)		145
Z39662 (129695)		20

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## Certificate of Analysis

AGAT WORK ORDER: 19T456513

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Apr 11, 2019

DATE RECEIVED: Apr 12, 2019

DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
Z39663 (129696)	124
Z39664 (129697)	62
Z39665 (129698)	151
Z39666 (129699)	91
Z39667 (129700)	140

Comments: RDL - Reported Detection Limit  
 129664-129700 As, Sb values may be low due to digestion losses.

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AGAT WORK ORDER: 19T456513

PROJECT: AGAT00627

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 11, 2019      DATE RECEIVED: Apr 12, 2019      DATE REPORTED: Apr 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
Z39631 (129664)			0.024
Z39632 (129665)			0.001
Z39633 (129666)			<0.001
Z39634 (129667)			0.001
Z39635 (129668)			0.002
Z39636 (129669)			0.007
Z39637 (129670)			0.042
Z39638 (129671)			0.021
Z39639 (129672)			0.010
Z39640 (129673)			0.005
Z39641 (129674)			0.013
Z39642 (129675)			0.004
Z39643 (129676)			0.011
Z39644 (129677)			0.005
Z39645 (129678)			0.004
Z39646 (129679)			0.325
Z39647 (129680)			0.002
Z39648 (129681)			0.004
Z39649 (129682)			0.003
Z39650 (129683)			0.006
Z39651 (129684)			0.005
Z39652 (129685)			0.001
Z39653 (129686)			0.013
Z39654 (129687)			0.006
Z39655 (129688)			0.002
Z39656 (129689)			0.003
Z39657 (129690)			0.003
Z39658 (129691)			0.002
Z39659 (129692)			0.009
Z39660 (129693)			0.002
Z39661 (129694)			0.008
Z39662 (129695)			0.021

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T456513

PROJECT: AGAT00627

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 11, 2019

DATE RECEIVED: Apr 12, 2019

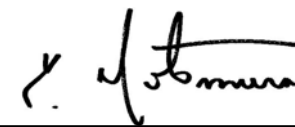
DATE REPORTED: Apr 29, 2019

SAMPLE TYPE: Drill Core

Analyte:	Unit:	RDL:
Au	ppm	0.001
Z39663 (129696)		0.005
Z39664 (129697)		0.018
Z39665 (129698)		0.004
Z39666 (129699)		0.343
Z39667 (129700)		0.003

Comments: RDL - Reported Detection Limit

Certified By:





# Certificate of Analysis

AGAT WORK ORDER: 19T456513

PROJECT: AGAT00627

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 11, 2019	DATE RECEIVED: Apr 12, 2019	DATE REPORTED: Apr 29, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
Z39631 (129664)		92
Z39650 (129683)		95

Comments: RDL - Reported Detection Limit

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T456513

PROJECT: AGAT00627

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 11, 2019	DATE RECEIVED: Apr 12, 2019	DATE REPORTED: Apr 29, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
Z39631 (129664)		100
Z39656 (129689)		94

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	129664	< 0.5	< 0.5	0.0%	129678	< 0.5	< 0.5	0.0%	129689	< 0.5	< 0.5	0.0%				
Al	129664	7.67	7.48	2.5%	129678	6.92	7.25	4.7%	129689	7.53	6.96	7.9%				
As	129664	16	17	6.1%	129678	4	< 1		129689	5	11					
Ba	129664	140	136	2.9%	129678	139	145	4.2%	129689	208	187	10.6%				
Be	129664	0.9	0.9	0.0%	129678	0.7	0.7	0.0%	129689	1.0	0.9	10.5%				
Bi	129664	2	< 1		129678	< 1	3		129689	3	2					
Ca	129664	7.90	7.39	6.7%	129678	7.41	7.81	5.3%	129689	8.41	7.72	8.6%				
Cd	129664	< 0.5	< 0.5	0.0%	129678	< 0.5	< 0.5	0.0%	129689	< 0.5	< 0.5	0.0%				
Ce	129664	8	8	0.0%	129678	17	17	0.0%	129689	16	15	6.5%				
Co	129664	40.3	41.7	3.4%	129678	39.1	37.4	4.4%	129689	41.2	39.9	3.2%				
Cr	129664	198	184	7.3%	129678	207	198	4.4%	129689	116	108	7.1%				
Cu	129664	110	88.1	22.1%	129678	63.9	66.8	4.4%	129689	67.8	61.5	9.7%				
Fe	129664	6.85	6.43	6.3%	129678	6.64	6.92	4.1%	129689	7.54	6.78	10.6%				
Ga	129664	34	38	11.1%	129678	34	34	0.0%	129689	35	33	5.9%				
In	129664	< 1	< 1	0.0%	129678	< 1	< 1	0.0%	129689	< 1	< 1	0.0%				
K	129664	1.04	1.13	8.3%	129678	0.485	0.508	4.6%	129689	0.80	0.72	10.5%				
La	129664	4	4	0.0%	129678	9	8	11.8%	129689	10	9	10.5%				
Li	129664	17	16	6.1%	129678	15	15	0.0%	129689	23	22	4.4%				
Mg	129664	3.25	3.06	6.0%	129678	3.22	3.35	4.0%	129689	3.34	2.90	14.1%				
Mn	129664	1510	1420	6.1%	129678	1510	1580	4.5%	129689	2110	1940	8.4%				
Mo	129664	3.16	2.54	21.8%	129678	1.5	1.4	6.9%	129689	2.4	3.0	22.2%				
Na	129664	2.15	2.14	0.5%	129678	1.69	1.78	5.2%	129689	2.45	2.24	9.0%				
Ni	129664	97.7	96.6	1.1%	129678	79.3	80.0	0.9%	129689	76.4	64.0	17.7%				
P	129664	346	309	11.3%	129678	475	473	0.4%	129689	501	432	14.8%				
Pb	129664	< 20	< 20	0.0%	129678	< 20	< 20	0.0%	129689	< 20	< 20	0.0%				
Rb	129664	< 50	< 50	0.0%	129678	< 50	< 50	0.0%	129689	< 50	< 50	0.0%				
S	129664	0.177	0.132	29.1%	129678	0.089	0.096	7.6%	129689	0.096	0.077	22.0%				
Sb	129664	< 1	< 1	0.0%	129678	< 1	1		129689	< 1	< 1	0.0%				
Sc	129664	37	36	2.7%	129678	39	38	2.6%	129689	43	40	7.2%				
Se	129664	< 10	< 10	0.0%	129678	< 10	< 10	0.0%	129689	< 10	< 10	0.0%				
Sn	129664	< 5	< 5	0.0%	129678	< 5	< 5	0.0%	129689	< 5	< 5	0.0%				



CLIENT NAME: GOLDCORP BORDEN LIMITED

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Sr	129664	130	127	2.3%	129678	155	164	5.6%	129689	275	251	9.1%				
Ta	129664	< 10	< 10	0.0%	129678	< 10	< 10	0.0%	129689	< 10	< 10	0.0%				
Te	129664	< 10	< 10	0.0%	129678	< 10	< 10	0.0%	129689	< 10	< 10	0.0%				
Th	129664	< 5	< 5	0.0%	129678	< 5	< 5	0.0%	129689	< 5	< 5	0.0%				
Ti	129664	0.466	0.441	5.5%	129678	0.52	0.54	3.8%	129689	0.55	0.48	13.6%				
Tl	129664	< 5	< 5	0.0%	129678	6	< 5		129689	< 5	< 5	0.0%				
U	129664	< 50	< 50	0.0%	129678	< 50	< 50	0.0%	129689	< 50	< 50	0.0%				
V	129664	240	236	1.7%	129678	257	252	2.0%	129689	282	262	7.4%				
W	129664	< 1	2		129678	1	4		129689	2	2	0.0%				
Y	129664	18	18	0.0%	129678	21	20	4.9%	129689	24	23	4.3%				
Zn	129664	153	135	12.5%	129678	111	115	3.5%	129689	92.8	81.9	12.5%				
Zr	129664	16	16	0.0%	129678	29	28	3.5%	129689	24	19	23.3%				

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Au	129664	0.024	0.015		129678	0.004	0.003	28.6%	129689	0.003	0.007					

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish																
Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Al	10.95	10.9	100%	90% - 110%	8.17	8.06	99%	90% - 110%	6.96	6.71	96%	90% - 110%				
As					26	28	109%	90% - 110%	124	135	108%	90% - 110%				
Ba	340	326	96%	90% - 110%	540	501	93%	90% - 110%	186	178	96%	90% - 110%				
Be	2.6	2.8	108%	90% - 110%	4.0	3.3	82%	90% - 110%								
Ca	5.72	5.56	97%	90% - 110%	0.907	0.884	97%	90% - 110%	4.01	3.84	96%	90% - 110%				
Ce	122	112	92%	90% - 110%	98	102	104%	90% - 110%	24	22	91%	90% - 110%				
Co									22.1	21.2	96%	90% - 110%				
Cr					60.3	63.7	106%	90% - 110%								
Cu	7	5	73%	90% - 110%	150	148	99%	90% - 110%	88.6	81.9	92%	90% - 110%				
Fe	4.34	4.08	94%	90% - 110%	3.77	3.62	96%	90% - 110%	7.56	7.13	94%	90% - 110%				
Ga	35	36	101%	90% - 110%												
K	1.37	1.4	102%	90% - 110%					2.021	1.96	97%	90% - 110%				
La	58	52	90%	90% - 110%	44	45	101%	90% - 110%								
Li	37	38	103%	90% - 110%	47	45	96%	90% - 110%								
Mg	0.325	0.307	95%	90% - 110%	1.10	1.06	96%	90% - 110%	2.412	2.337	97%	90% - 110%				
Mn					780	737	94%	90% - 110%	1510	1446	96%	90% - 110%				
Mo					14	13	91%	90% - 110%								
Na	5.267	5.354	102%	90% - 110%	1.624	1.605	99%	90% - 110%	0.617	0.585	95%	90% - 110%				
Ni					32	32	99%	90% - 110%	77.1	75.9	98%	90% - 110%				
P					750	752	100%	90% - 110%	892	969	109%	90% - 110%				
Pb	10	7	73%	90% - 110%	31	33	108%	90% - 110%								
S									0.348	0.317	91%	90% - 110%				
Sc					12	12	103%	90% - 110%								
Sr	1191	1183	99%	90% - 110%	144	144	100%	90% - 110%	92.8	83.9	90%	90% - 110%				
Ti	0.172	0.157	91%	90% - 110%	0.53	0.44	84%	90% - 110%								
V	8	6	78%	90% - 110%	77	80	104%	90% - 110%								
W					5	6	119%	90% - 110%								
Y	119	117	99%	90% - 110%												
Zn	93	94	101%	90% - 110%	130	124	95%	90% - 110%	208	207	100%	90% - 110%				
(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)																



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6E)				CRM #3 (ref.GTS-2a)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	5.27	4.8	91%	90% - 110%	6.06	5.95	98%	90% - 110%								



## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00627  
 SAMPLING SITE:

AGAT WORK ORDER: 19T456513  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00659

AGAT WORK ORDER: 19T477966

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jun 27, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T477966

PROJECT: AGAT00659

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Jun 09, 2019      DATE RECEIVED: Jun 10, 2019      DATE REPORTED: Jun 27, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D73001 (262666)		1.28
D73002 (262667)		1.24
D73003 (262668)		2.34
D73004 (262669)		1.53
D73005 (262670)		2.31
D73006 (262671)		0.07
D73007 (262672)		1.90
D73008 (262673)		1.03
D73009 (262674)		1.94
D73010 (262675)		2.55
D73011 (262676)		2.53
D73012 (262677)		0.72
D73013 (262678)		1.43
D73014 (262679)		1.48
D73015 (262680)		1.49
D73016 (262681)		1.27
D73017 (262682)		1.56
D73018 (262683)		1.56
D73019 (262684)		1.68
D73020 (262685)		1.16
D73021 (262686)		1.80
D73022 (262687)		1.73
D73023 (262688)		1.41
D73024 (262689)		2.02
D73025 (262690)		2.44
D73026 (262691)		0.07
D73027 (262692)		2.40
D73028 (262693)		3.14
D73029 (262694)		1.34
D73030 (262695)		2.65
D73031 (262696)		1.03

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T477966

PROJECT: AGAT00659

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Jun 09, 2019      DATE RECEIVED: Jun 10, 2019      DATE REPORTED: Jun 27, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D73032 (262697)		0.75
D73033 (262698)		1.11
D73034 (262699)		1.09
D73035 (262700)		1.81
D73036 (262701)		2.44
D73037 (262702)		2.40
D73038 (262703)		2.40
D73039 (262704)		2.43
D73040 (262705)		0.95
D73041 (262706)		0.95
D73042 (262707)		0.76
D73043 (262708)		2.17
D73044 (262709)		2.63
D73045 (262710)		0.99
D73046 (262711)		0.07
D73047 (262712)		1.10
D73048 (262713)		1.21
D73049 (262714)		1.64
D73050 (262715)		2.25
D73051 (262716)		2.62
D73052 (262717)		0.69
D73053 (262718)		2.10
D73054 (262719)		1.35
D73055 (262720)		2.35
D73056 (262721)		2.64
D73057 (262722)		2.26
D73058 (262723)		2.26
D73059 (262724)		1.22
D73060 (262725)		1.22
D73061 (262726)		1.31
D73062 (262727)		1.12

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T477966

PROJECT: AGAT00659

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Jun 09, 2019	DATE RECEIVED: Jun 10, 2019	DATE REPORTED: Jun 27, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D73063 (262728)		1.28
D73064 (262729)		1.90
D73065 (262730)		1.45
D73066 (262731)		0.07
D73067 (262732)		1.54
D73068 (262733)		2.18
D73069 (262734)		2.33
D73070 (262735)		1.25
D73071 (262736)		1.14
D73072 (262737)		0.71

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T477966

PROJECT: AGAT00659

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 09, 2019	DATE RECEIVED: Jun 10, 2019					DATE REPORTED: Jun 27, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D73001 (262666)	<0.5	7.75	<1	241	0.5	<1	3.02	<0.5	45	148	93.7	<0.5	5.23	26	
D73002 (262667)	<0.5	8.03	<1	218	0.5	<1	3.37	<0.5	49	140	76.7	2.2	5.27	25	
D73003 (262668)	<0.5	8.23	<1	180	0.7	<1	4.26	<0.5	38	88.3	57.5	1.7	5.63	27	
D73004 (262669)	<0.5	7.91	<1	306	<0.5	<1	3.11	<0.5	51	238	20.5	<0.5	5.62	26	
D73005 (262670)	<0.5	8.01	<1	270	0.6	<1	3.03	<0.5	49	187	17.5	18.9	5.40	26	
D73006 (262671)	<0.5	7.42	<1	177	<0.5	<1	6.21	<0.5	17	37.4	144	102	7.48	32	
D73007 (262672)	<0.5	8.41	<1	211	0.6	<1	3.68	<0.5	54	234	12.2	12.2	4.58	25	
D73008 (262673)	<0.5	8.12	<1	197	1.9	<1	3.58	<0.5	37	156	29.9	15.5	3.63	22	
D73009 (262674)	<0.5	8.11	<1	249	0.6	<1	3.48	<0.5	51	165	12.6	10.3	4.45	25	
D73010 (262675)	<0.5	8.21	<1	201	0.5	<1	3.89	<0.5	52	231	11.0	12.5	5.02	25	
D73011 (262676)	<0.5	7.74	<1	113	0.7	<1	4.69	<0.5	41	157	36.7	2.1	5.18	25	
D73012 (262677)	<0.5	0.08	<1	15	<0.5	<1	28.6	<0.5	<1	0.7	3.2	<0.5	0.15	<5	
D73013 (262678)	<0.5	7.83	<1	313	4.8	<1	3.37	<0.5	48	4.2	20.0	1.3	4.55	25	
D73014 (262679)	<0.5	6.95	<1	240	1.3	<1	2.38	<0.5	23	3.1	25.3	<0.5	3.01	19	
D73015 (262680)	<0.5	8.37	<1	260	0.7	<1	3.20	<0.5	50	4.2	20.5	<0.5	4.88	27	
D73016 (262681)	<0.5	8.07	<1	261	<0.5	<1	3.06	<0.5	52	4.4	18.0	<0.5	4.37	24	
D73017 (262682)	<0.5	8.14	<1	264	0.6	<1	3.41	<0.5	51	4.2	16.8	<0.5	4.44	24	
D73018 (262683)	<0.5	8.02	1	255	0.6	<1	3.40	<0.5	51	3.9	22.4	<0.5	4.25	23	
D73019 (262684)	<0.5	7.79	<1	243	0.8	<1	3.42	<0.5	49	4.6	25.9	<0.5	5.18	24	
D73020 (262685)	<0.5	7.61	<1	308	0.8	<1	3.20	<0.5	50	4.5	31.0	0.7	4.90	22	
D73021 (262686)	<0.5	8.07	<1	218	0.9	<1	3.69	<0.5	48	6.3	27.2	15.3	4.62	24	
D73022 (262687)	<0.5	7.52	<1	104	1.5	<1	4.29	<0.5	36	12.7	56.5	3.1	4.69	23	
D73023 (262688)	<0.5	7.84	<1	472	<0.5	<1	3.13	<0.5	46	10.0	39.0	<0.5	5.26	24	
D73024 (262689)	<0.5	8.17	<1	404	<0.5	<1	2.53	<0.5	52	5.4	25.2	2.6	4.43	23	
D73025 (262690)	<0.5	8.05	<1	300	<0.5	<1	3.98	<0.5	33	16.5	76.9	<0.5	5.95	27	
D73026 (262691)	<0.5	7.58	<1	180	<0.5	<1	6.29	<0.5	18	37.1	199	104	7.50	32	
D73027 (262692)	<0.5	7.84	<1	257	1.1	<1	3.46	<0.5	42	9.4	33.9	30.3	5.27	26	
D73028 (262693)	<0.5	7.79	<1	169	<0.5	<1	4.19	<0.5	34	17.4	21.1	37.1	5.82	25	
D73029 (262694)	<0.5	6.18	<1	1520	<0.5	<1	8.32	<0.5	189	28.2	155	47.8	8.22	32	
D73030 (262695)	<0.5	7.82	<1	175	<0.5	<1	4.78	<0.5	31	21.4	89.0	10.7	6.01	26	
D73031 (262696)	<0.5	8.03	<1	187	<0.5	<1	3.64	<0.5	46	8.5	30.1	13.6	4.37	22	
D73032 (262697)	<0.5	0.08	<1	14	<0.5	<1	29.1	<0.5	<1	<0.5	9.9	<0.5	0.15	<5	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T477966

PROJECT: AGAT00659

5623 McADAM ROAD  
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CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 09, 2019	DATE RECEIVED: Jun 10, 2019							DATE REPORTED: Jun 27, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D73033 (262698)	<0.5	7.20	<1	197	0.6	<1	3.64	<0.5	26	19.2	127	44.2	5.81	25	
D73034 (262699)	<0.5	7.24	<1	119	0.6	<1	3.65	<0.5	25	17.8	200	55.9	7.34	30	
D73035 (262700)	<0.5	7.74	<1	113	<0.5	<1	4.06	<0.5	26	21.8	100	64.6	6.07	27	
D73036 (262701)	<0.5	7.86	<1	245	<0.5	<1	3.81	<0.5	42	10.8	27.5	25.4	4.85	26	
D73037 (262702)	<0.5	7.90	<1	197	<0.5	<1	4.23	<0.5	46	9.3	28.0	20.6	4.57	23	
D73038 (262703)	<0.5	8.14	<1	207	<0.5	<1	4.44	<0.5	46	10.1	52.8	21.1	5.12	25	
D73039 (262704)	<0.5	7.77	<1	309	0.6	<1	4.73	<0.5	45	14.8	65.7	8.0	5.84	27	
D73040 (262705)	<0.5	8.14	<1	335	0.8	<1	4.97	<0.5	38	19.2	137	5.4	6.20	27	
D73041 (262706)	<0.5	7.91	<1	176	1.4	<1	4.58	<0.5	43	7.8	52.6	6.5	3.94	24	
D73042 (262707)	<0.5	6.46	<1	368	0.6	<1	3.98	<0.5	41	17.3	134	23.1	4.13	25	
D73043 (262708)	<0.5	2.93	<1	510	<0.5	<1	6.59	<0.5	75	49.9	572	86.7	8.24	35	
D73044 (262709)	<0.5	8.20	<1	297	0.6	<1	3.42	<0.5	45	8.9	48.0	38.3	5.25	25	
D73045 (262710)	<0.5	7.81	<1	318	0.5	<1	3.26	<0.5	43	8.7	65.4	61.6	4.76	23	
D73046 (262711)	<0.5	7.45	<1	180	<0.5	<1	6.30	<0.5	17	37.1	152	104	7.53	34	
D73047 (262712)	<0.5	7.40	2	426	3.6	<1	4.19	<0.5	58	18.3	177	8.1	5.58	26	
D73048 (262713)	<0.5	8.03	<1	268	0.7	<1	3.63	<0.5	39	8.1	34.2	9.7	4.65	24	
D73049 (262714)	<0.5	8.28	<1	313	<0.5	<1	3.23	<0.5	43	8.0	26.3	<0.5	5.16	26	
D73050 (262715)	<0.5	8.24	<1	361	<0.5	<1	3.27	<0.5	46	8.5	22.5	<0.5	5.49	27	
D73051 (262716)	<0.5	8.47	<1	308	<0.5	<1	3.49	<0.5	44	6.2	23.3	0.8	4.94	25	
D73052 (262717)	<0.5	0.09	<1	21	<0.5	<1	29.7	<0.5	<1	0.5	3.3	<0.5	0.19	<5	
D73053 (262718)	<0.5	6.89	<1	198	1.6	<1	2.07	<0.5	5	2.5	54.1	1.1	2.49	20	
D73054 (262719)	<0.5	8.26	<1	258	1.2	<1	2.30	<0.5	10	3.4	60.4	<0.5	3.46	25	
D73055 (262720)	<0.5	8.09	<1	232	<0.5	<1	3.74	<0.5	45	8.2	43.8	<0.5	6.60	29	
D73056 (262721)	<0.5	7.92	<1	230	<0.5	<1	3.74	<0.5	44	8.8	44.0	<0.5	6.50	30	
D73057 (262722)	<0.5	7.90	<1	210	0.7	<1	3.31	<0.5	44	5.9	31.2	<0.5	5.91	27	
D73058 (262723)	<0.5	7.91	<1	211	0.7	<1	3.32	<0.5	46	5.8	35.4	<0.5	5.93	27	
D73059 (262724)	<0.5	7.47	<1	220	0.9	<1	2.57	<0.5	54	2.5	38.0	6.3	4.29	24	
D73060 (262725)	<0.5	7.65	<1	223	1.2	<1	2.60	<0.5	57	2.9	32.9	0.7	4.28	24	
D73061 (262726)	<0.5	7.93	<1	211	1.4	<1	2.67	<0.5	57	3.0	35.2	1.5	4.79	25	
D73062 (262727)	<0.5	7.79	<1	202	2.8	<1	2.43	<0.5	55	2.8	32.0	2.4	3.77	23	
D73063 (262728)	<0.5	7.69	<1	211	0.9	<1	2.45	<0.5	57	3.1	27.0	1.5	4.11	24	
D73064 (262729)	<0.5	7.79	<1	225	0.8	<1	2.57	<0.5	55	2.8	25.1	<0.5	4.16	23	

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## Certificate of Analysis

AGAT WORK ORDER: 19T477966

PROJECT: AGAT00659

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 09, 2019		DATE RECEIVED: Jun 10, 2019						DATE REPORTED: Jun 27, 2019				SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
		0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5
D73065 (262730)		<0.5	7.60	<1	202	1.0	<1	2.42	<0.5	51	3.0	29.7	0.8	4.04	22
D73066 (262731)		<0.5	7.42	<1	177	<0.5	<1	6.15	<0.5	18	36.7	181	103	7.40	33
D73067 (262732)		<0.5	8.38	<1	205	2.1	<1	2.61	0.6	80	2.3	26.8	1.5	3.81	24
D73068 (262733)		<0.5	9.80	<1	799	1.8	<1	2.59	<0.5	27	1.4	18.2	0.8	2.51	25
D73069 (262734)		<0.5	7.75	<1	256	0.9	<1	2.34	0.5	51	3.0	25.2	<0.5	4.35	23
D73070 (262735)		<0.5	10.2	<1	658	1.4	<1	2.57	<0.5	28	2.9	15.8	<0.5	4.37	32
D73071 (262736)		<0.5	7.84	<1	262	1.0	<1	2.89	<0.5	55	2.7	25.6	2.5	3.98	23
D73072 (262737)		<0.5	0.10	2	14	<0.5	<1	30.5	<0.5	<1	0.6	4.2	<0.5	0.16	<5

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 09, 2019	DATE RECEIVED: Jun 10, 2019					DATE REPORTED: Jun 27, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D73001 (262666)	<1	1.90	19	62	2.24	1130	2.4	2.46	114	1240	<20	<50	0.02	1	
D73002 (262667)	<1	1.66	20	57	1.95	1220	1.7	2.49	38.3	1290	<20	<50	0.03	<1	
D73003 (262668)	<1	1.24	16	28	1.66	1350	2.1	2.50	26.9	1200	<20	<50	0.03	1	
D73004 (262669)	<1	1.21	21	33	0.88	1820	2.1	2.52	4.6	1420	<20	<50	0.02	<1	
D73005 (262670)	<1	1.18	21	27	0.83	1640	1.8	2.63	3.5	1470	<20	<50	0.07	<1	
D73006 (262671)	<1	0.45	9	10	4.21	1280	1.8	2.33	104	932	<20	<50	0.09	<1	
D73007 (262672)	<1	0.88	22	19	0.75	1220	1.3	2.84	1.1	1540	<20	<50	0.05	<1	
D73008 (262673)	<1	1.13	16	26	0.62	848	1.7	3.65	5.5	1660	<20	<50	0.04	<1	
D73009 (262674)	<1	0.95	22	28	0.79	1100	1.7	2.69	1.3	1430	<20	<50	0.04	2	
D73010 (262675)	<1	0.72	22	26	0.85	1700	1.8	2.70	2.1	1350	<20	<50	0.04	<1	
D73011 (262676)	<1	0.62	18	18	1.15	1480	1.7	2.53	29.1	1140	<20	<50	0.01	<1	
D73012 (262677)	<1	0.03	2	1	1.80	105	1.8	0.04	0.6	78	<20	<50	0.01	1	
D73013 (262678)	<1	1.15	20	33	0.85	1200	6.1	2.83	3.7	1380	<20	<50	0.04	<1	
D73014 (262679)	<1	1.16	10	11	0.44	795	5.0	3.94	6.3	666	<20	<50	<0.01	<1	
D73015 (262680)	<1	1.09	23	29	0.68	1150	4.7	3.22	2.2	1330	<20	<50	0.01	2	
D73016 (262681)	<1	1.05	23	31	0.69	1190	5.0	2.81	1.8	1460	<20	<50	0.01	<1	
D73017 (262682)	<1	0.92	22	29	0.75	1230	4.9	2.91	1.7	1380	<20	<50	0.01	<1	
D73018 (262683)	<1	0.89	22	29	0.73	1200	5.7	2.94	1.9	1330	<20	<50	0.01	<1	
D73019 (262684)	<1	0.99	21	22	0.86	1520	7.8	2.82	2.5	1400	<20	<50	0.01	<1	
D73020 (262685)	<1	0.87	21	23	0.78	1310	7.1	2.70	2.7	1400	<20	<50	0.01	<1	
D73021 (262686)	<1	0.68	21	18	0.77	1190	6.0	3.07	5.3	1400	<20	<50	0.05	<1	
D73022 (262687)	<1	0.51	15	23	1.27	854	5.5	2.75	30.8	1070	<20	<50	0.01	<1	
D73023 (262688)	<1	1.43	19	44	1.43	1380	5.1	2.55	15.1	1320	<20	<50	0.01	<1	
D73024 (262689)	<1	1.67	22	47	1.07	1080	5.1	2.85	2.1	1420	<20	<50	0.02	<1	
D73025 (262690)	<1	1.05	14	37	1.83	1220	4.6	2.70	36.1	1030	<20	<50	0.02	<1	
D73026 (262691)	<1	0.46	9	10	4.31	1300	2.1	2.36	107	943	<20	<50	0.08	2	
D73027 (262692)	<1	1.09	19	30	1.19	1400	4.1	2.83	14.8	1190	<20	<50	0.11	2	
D73028 (262693)	<1	0.67	15	22	1.56	1120	4.1	2.89	15.6	861	<20	<50	0.10	<1	
D73029 (262694)	<1	3.52	90	22	3.97	1560	3.6	1.75	53.3	7260	<20	<50	0.20	2	
D73030 (262695)	<1	0.72	14	21	2.53	1110	3.5	2.80	38.6	958	<20	<50	0.08	1	
D73031 (262696)	<1	0.63	21	19	1.13	1060	3.8	3.17	11.7	1280	<20	<50	0.11	<1	
D73032 (262697)	<1	0.02	2	1	1.56	118	1.6	0.03	0.6	79	<20	<50	<0.01	1	

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## Certificate of Analysis

AGAT WORK ORDER: 19T477966

PROJECT: AGAT00659

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 09, 2019	DATE RECEIVED: Jun 10, 2019					DATE REPORTED: Jun 27, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D73033 (262698)	<1	1.29	12	33	2.37	1030	4.3	2.66	68.8	862	<20	<50	0.45	1	
D73034 (262699)	<1	1.21	11	34	2.73	1370	4.4	2.60	78.7	816	<20	<50	0.83	3	
D73035 (262700)	<1	1.17	12	31	2.41	998	3.4	2.75	60.7	936	<20	<50	0.36	<1	
D73036 (262701)	<1	0.88	18	26	1.08	914	4.6	2.72	15.2	1250	<20	<50	0.29	<1	
D73037 (262702)	<1	0.66	20	15	0.92	1020	4.2	2.75	12.5	1520	<20	<50	0.21	<1	
D73038 (262703)	<1	0.70	21	15	0.98	1100	13.4	2.86	15.6	1540	<20	<50	0.18	1	
D73039 (262704)	<1	1.06	21	24	1.56	1220	12.7	2.65	27.7	1700	<20	<50	0.08	2	
D73040 (262705)	<1	1.24	18	16	2.16	1320	43.9	2.42	44.7	1480	<20	<50	0.08	2	
D73041 (262706)	<1	0.59	19	6	0.98	1250	11.4	2.81	13.1	1290	<20	<50	0.13	2	
D73042 (262707)	<1	1.24	21	26	2.86	822	9.3	2.79	136	1510	<20	<50	0.12	<1	
D73043 (262708)	<1	2.08	40	44	9.21	1260	4.1	1.63	452	2190	<20	<50	0.19	<1	
D73044 (262709)	<1	1.42	20	20	1.24	1040	6.4	3.05	18.2	1780	<20	<50	0.83	<1	
D73045 (262710)	<1	1.29	19	15	1.28	1140	8.0	2.76	22.3	1620	<20	<50	0.63	<1	
D73046 (262711)	<1	0.45	9	10	4.21	1270	2.2	2.38	106	944	<20	<50	0.09	1	
D73047 (262712)	<1	1.79	26	47	3.07	1190	7.7	3.07	74.8	1580	<20	<50	0.06	1	
D73048 (262713)	<1	1.15	17	17	1.03	1140	7.9	3.02	9.3	1470	<20	<50	0.06	<1	
D73049 (262714)	<1	1.67	19	21	1.04	1240	7.1	2.91	3.5	1910	<20	<50	0.02	<1	
D73050 (262715)	<1	1.49	20	22	0.94	1270	6.7	2.81	1.7	1940	<20	<50	0.02	<1	
D73051 (262716)	<1	1.62	19	24	0.98	963	7.0	3.01	1.9	1880	<20	<50	0.02	<1	
D73052 (262717)	<1	0.01	<2	1	1.92	119	2.4	0.04	<0.5	79	<20	<50	0.01	1	
D73053 (262718)	<1	1.16	3	17	0.47	225	14.9	2.78	4.2	172	<20	<50	0.01	<1	
D73054 (262719)	<1	1.60	6	30	0.72	385	14.5	3.14	7.4	201	<20	<50	0.01	<1	
D73055 (262720)	<1	1.22	20	34	1.04	1660	11.4	2.12	4.7	1830	<20	<50	<0.01	<1	
D73056 (262721)	<1	0.99	19	25	0.97	1610	11.0	2.16	3.4	1920	<20	<50	0.01	<1	
D73057 (262722)	<1	1.28	19	22	0.79	1610	8.2	2.33	3.0	1400	<20	<50	0.02	1	
D73058 (262723)	<1	1.28	19	21	0.79	1610	8.1	2.34	2.9	1390	<20	<50	0.02	2	
D73059 (262724)	<1	1.00	22	21	0.36	1130	9.4	2.80	1.8	733	<20	<50	0.04	<1	
D73060 (262725)	<1	0.94	24	18	0.34	1150	9.0	2.69	2.0	741	<20	<50	0.02	1	
D73061 (262726)	<1	1.05	23	16	0.36	1510	8.9	2.79	2.5	727	<20	<50	0.02	1	
D73062 (262727)	<1	1.44	24	23	0.32	979	7.9	3.04	2.1	719	<20	<50	0.01	<1	
D73063 (262728)	<1	1.01	25	16	0.31	1070	8.0	2.96	1.5	702	<20	<50	0.03	<1	
D73064 (262729)	<1	1.05	23	21	0.32	1290	7.9	2.89	1.7	766	<20	<50	0.02	1	

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## Certificate of Analysis

AGAT WORK ORDER: 19T477966

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 09, 2019	DATE RECEIVED: Jun 10, 2019					DATE REPORTED: Jun 27, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D73065 (262730)	<1	1.15	21	23	0.32	1440	8.0	2.73	1.7	622	<20	<50	0.01	<1	
D73066 (262731)	<1	0.45	9	10	4.18	1270	2.0	2.34	105	920	<20	<50	0.09	1	
D73067 (262732)	<1	1.19	35	23	0.44	2410	7.1	3.14	2.0	558	<20	<50	0.03	<1	
D73068 (262733)	<1	2.96	12	22	0.45	697	8.2	3.57	2.2	1270	<20	<50	0.02	<1	
D73069 (262734)	<1	1.33	21	27	0.55	1970	7.3	2.65	1.8	677	<20	<50	0.03	<1	
D73070 (262735)	<1	2.73	14	34	0.90	1170	7.4	3.59	2.6	1030	<20	<50	0.02	<1	
D73071 (262736)	<1	1.34	23	18	0.42	1440	6.4	2.43	1.2	761	<20	<50	0.04	<1	
D73072 (262737)	<1	0.02	<2	1	2.09	129	1.5	0.05	0.6	88	<20	<50	0.02	<1	

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DATE SAMPLED: Jun 09, 2019	DATE RECEIVED: Jun 10, 2019					DATE REPORTED: Jun 27, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D73001 (262666)	17	<10	<5	199	<10	<10	<5	0.43	<5	<50	36.6	505	35	137	
D73002 (262667)	22	<10	<5	214	<10	<10	<5	0.43	<5	<50	62.6	478	33	105	
D73003 (262668)	21	<10	<5	210	<10	<10	<5	0.47	<5	<50	73.8	277	33	105	
D73004 (262669)	17	<10	<5	185	<10	<10	<5	0.43	<5	<50	17.3	775	40	110	
D73005 (262670)	15	<10	<5	182	<10	<10	<5	0.42	<5	<50	16.4	649	38	106	
D73006 (262671)	35	<10	<5	241	<10	<10	<5	0.82	<5	<50	242	<1	24	84.8	
D73007 (262672)	17	<10	<5	212	<10	<10	<5	0.46	<5	<50	12.9	841	39	114	
D73008 (262673)	21	<10	<5	221	<10	<10	<5	0.30	<5	<50	97.6	498	24	74.4	
D73009 (262674)	16	<10	<5	216	<10	<10	<5	0.43	<5	<50	11.5	618	38	109	
D73010 (262675)	15	<10	<5	236	<10	<10	<5	0.44	<5	<50	12.7	765	39	99.1	
D73011 (262676)	18	<10	<5	232	<10	<10	<5	0.46	<5	<50	57.6	530	34	96.4	
D73012 (262677)	<1	<10	<5	63	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	3.3	
D73013 (262678)	17	<10	<5	226	<10	<10	<5	0.42	<5	<50	16.8	<1	37	99.2	
D73014 (262679)	11	<10	<5	144	<10	<10	<5	0.24	<5	<50	27.6	<1	17	43.7	
D73015 (262680)	16	<10	<5	211	<10	<10	<5	0.44	<5	<50	13.8	<1	35	107	
D73016 (262681)	15	<10	<5	210	<10	<10	<5	0.44	<5	<50	10.5	<1	37	101	
D73017 (262682)	15	<10	<5	217	<10	<10	<5	0.44	<5	<50	10.9	<1	35	102	
D73018 (262683)	15	<10	<5	218	<10	<10	<5	0.44	<5	<50	11.0	<1	34	97.9	
D73019 (262684)	14	<10	<5	203	<10	<10	<5	0.40	<5	<50	12.4	<1	37	102	
D73020 (262685)	14	<10	<5	203	<10	<10	<5	0.42	<5	<50	11.0	<1	35	107	
D73021 (262686)	16	<10	<5	225	<10	<10	<5	0.42	<5	<50	20.4	<1	36	92.5	
D73022 (262687)	19	<10	<5	204	<10	<10	<5	0.44	<5	<50	61.7	<1	29	97.5	
D73023 (262688)	19	<10	<5	182	<10	<10	<5	0.48	<5	<50	45.0	<1	40	129	
D73024 (262689)	15	<10	<5	189	<10	<10	<5	0.44	<5	<50	11.5	<1	34	127	
D73025 (262690)	22	<10	<5	202	<10	<10	<5	0.57	<5	<50	95.2	<1	31	120	
D73026 (262691)	35	<10	<5	243	<10	<10	<5	0.82	<5	<50	241	<1	24	86.5	
D73027 (262692)	19	<10	<5	174	<10	<10	<5	0.44	<5	<50	44.3	<1	36	99.8	
D73028 (262693)	21	<10	<5	148	<10	<10	<5	0.54	<5	<50	129	<1	26	93.1	
D73029 (262694)	15	<10	<5	1340	<10	<10	<5	1.11	<5	<50	184	<1	32	90.8	
D73030 (262695)	23	<10	<5	224	<10	<10	<5	0.56	<5	<50	139	<1	24	90.1	
D73031 (262696)	17	<10	<5	226	<10	<10	<5	0.48	<5	<50	37.2	<1	35	72.8	
D73032 (262697)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	2.3	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T477966

PROJECT: AGAT00659

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 09, 2019	DATE RECEIVED: Jun 10, 2019					DATE REPORTED: Jun 27, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D73033 (262698)	19	<10	<5	158	<10	<10	<5	0.44	<5	<50	92.7	<1	23	97.1	
D73034 (262699)	20	<10	<5	131	<10	<10	<5	0.40	<5	<50	98.3	<1	24	117	
D73035 (262700)	22	<10	<5	144	<10	<10	<5	0.51	<5	<50	120	<1	24	107	
D73036 (262701)	17	<10	<5	180	<10	<10	<5	0.47	<5	<50	42.7	<1	34	123	
D73037 (262702)	16	<10	<5	172	<10	<10	<5	0.54	<5	<50	45.4	<1	32	92.5	
D73038 (262703)	17	<10	<5	179	<10	<10	<5	0.56	<5	<50	50.0	<1	33	94.4	
D73039 (262704)	21	<10	<5	275	<10	<10	<5	0.70	<5	<50	90.4	<1	31	96.6	
D73040 (262705)	24	<10	<5	237	<10	<10	<5	0.58	<5	<50	95.5	<1	29	118	
D73041 (262706)	17	<10	<5	259	<10	<10	<5	0.45	<5	<50	40.2	<1	39	86.4	
D73042 (262707)	11	<10	<5	336	<10	<10	<5	0.74	<5	<50	76.1	<1	19	105	
D73043 (262708)	21	<10	<5	635	<10	<10	<5	1.96	<5	<50	236	<1	27	86.7	
D73044 (262709)	18	<10	<5	220	<10	<10	<5	0.61	<5	<50	47.8	<1	33	129	
D73045 (262710)	17	<10	<5	266	<10	<10	<5	0.56	<5	<50	47.6	<1	29	102	
D73046 (262711)	35	<10	<5	245	<10	<10	<5	0.83	<5	<50	241	<1	24	87.0	
D73047 (262712)	21	<10	<5	339	<10	<10	<5	0.44	<5	<50	113	<1	33	112	
D73048 (262713)	19	<10	<5	251	<10	<10	<5	0.55	<5	<50	62.8	<1	27	83.5	
D73049 (262714)	20	<10	<5	228	<10	<10	<5	0.65	<5	<50	53.3	<1	32	102	
D73050 (262715)	18	<10	<5	215	<10	<10	<5	0.64	<5	<50	43.7	<1	32	110	
D73051 (262716)	17	<10	<5	178	<10	<10	<5	0.64	<5	<50	43.2	<1	29	96.1	
D73052 (262717)	<1	<10	<5	66	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	3.6	
D73053 (262718)	5	<10	<5	158	<10	<10	<5	0.22	<5	<50	20.5	<1	2	85.7	
D73054 (262719)	7	<10	<5	177	<10	<10	<5	0.32	<5	<50	27.8	<1	4	178	
D73055 (262720)	17	<10	<5	211	<10	<10	<5	0.61	<5	<50	43.0	<1	36	133	
D73056 (262721)	17	<10	<5	208	<10	<10	<5	0.59	<5	<50	43.1	<1	35	129	
D73057 (262722)	15	<10	<5	187	<10	<10	<5	0.50	<5	<50	33.5	<1	34	125	
D73058 (262723)	15	<10	<5	186	<10	<10	<5	0.50	<5	<50	32.9	<1	34	129	
D73059 (262724)	12	<10	<5	173	<10	<10	<5	0.28	<5	<50	7.3	<1	35	114	
D73060 (262725)	12	<10	<5	171	<10	<10	<5	0.26	<5	<50	6.5	<1	38	95.9	
D73061 (262726)	13	<10	<5	160	<10	<10	<5	0.26	<5	<50	11.4	<1	40	91.5	
D73062 (262727)	16	<10	<5	157	<10	<10	<5	0.26	<5	<50	38.8	<1	33	100	
D73063 (262728)	13	<10	<5	177	<10	<10	<5	0.26	<5	<50	7.5	<1	37	95.8	
D73064 (262729)	14	<10	<5	176	<10	<10	<5	0.27	<5	<50	6.8	<1	44	111	

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## Certificate of Analysis

AGAT WORK ORDER: 19T477966

PROJECT: AGAT00659

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 09, 2019	DATE RECEIVED: Jun 10, 2019					DATE REPORTED: Jun 27, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D73065 (262730)	13	<10	<5	157	<10	<10	<5	0.25	<5	<50	7.6	<1	37	119	
D73066 (262731)	35	<10	<5	241	<10	<10	<5	0.80	<5	<50	240	<1	24	85.9	
D73067 (262732)	17	<10	<5	171	<10	<10	20	0.25	<5	<50	12.1	<1	61	143	
D73068 (262733)	8	<10	<5	226	<10	<10	<5	0.20	<5	<50	14.2	<1	21	125	
D73069 (262734)	15	<10	<5	160	<10	<10	<5	0.29	<5	<50	10.1	<1	49	136	
D73070 (262735)	14	<10	<5	212	<10	<10	<5	0.38	<5	<50	29.2	<1	31	208	
D73071 (262736)	14	<10	<5	128	<10	<10	<5	0.27	<5	<50	7.3	<1	36	99.0	
D73072 (262737)	<1	<10	<5	65	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	3.8	

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# Certificate of Analysis

AGAT WORK ORDER: 19T477966

PROJECT: AGAT00659

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 09, 2019


DATE RECEIVED: Jun 10, 2019

DATE REPORTED: Jun 27, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D73001 (262666)				170
D73002 (262667)				177
D73003 (262668)				126
D73004 (262669)				83
D73005 (262670)				96
D73006 (262671)				93
D73007 (262672)				126
D73008 (262673)				126
D73009 (262674)				133
D73010 (262675)				96
D73011 (262676)				80
D73012 (262677)				<5
D73013 (262678)				106
D73014 (262679)				86
D73015 (262680)				145
D73016 (262681)				134
D73017 (262682)				126
D73018 (262683)				123
D73019 (262684)				120
D73020 (262685)				107
D73021 (262686)				119
D73022 (262687)				112
D73023 (262688)				115
D73024 (262689)				122
D73025 (262690)				99
D73026 (262691)				95
D73027 (262692)				120
D73028 (262693)				120
D73029 (262694)				349
D73030 (262695)				103
D73031 (262696)				118
D73032 (262697)				<5

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## Certificate of Analysis

AGAT WORK ORDER: 19T477966

PROJECT: AGAT00659

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 09, 2019      DATE RECEIVED: Jun 10, 2019      DATE REPORTED: Jun 27, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D73033 (262698)				83
D73034 (262699)				74
D73035 (262700)				100
D73036 (262701)				131
D73037 (262702)				83
D73038 (262703)				90
D73039 (262704)				93
D73040 (262705)				73
D73041 (262706)				73
D73042 (262707)				111
D73043 (262708)				242
D73044 (262709)				69
D73045 (262710)				101
D73046 (262711)				93
D73047 (262712)				189
D73048 (262713)				100
D73049 (262714)				115
D73050 (262715)				124
D73051 (262716)				129
D73052 (262717)				<5
D73053 (262718)				20
D73054 (262719)				27
D73055 (262720)				98
D73056 (262721)				95
D73057 (262722)				132
D73058 (262723)				137
D73059 (262724)				197
D73060 (262725)				202
D73061 (262726)				217
D73062 (262727)				161
D73063 (262728)				182
D73064 (262729)				209

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AGAT WORK ORDER: 19T477966

PROJECT: AGAT00659

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 09, 2019      DATE RECEIVED: Jun 10, 2019      DATE REPORTED: Jun 27, 2019      SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
Sample ID (AGAT ID)	RDL:
D73065 (262730)	218
D73066 (262731)	86
D73067 (262732)	270
D73068 (262733)	83
D73069 (262734)	272
D73070 (262735)	176
D73071 (262736)	264
D73072 (262737)	<5

Comments: RDL - Reported Detection Limit  
 262666-262737 As, Sb values may be low due to digestion losses.  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T477966

PROJECT: AGAT00659

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 09, 2019      DATE RECEIVED: Jun 10, 2019      DATE REPORTED: Jun 27, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D73001 (262666)			0.005
D73002 (262667)			0.005
D73003 (262668)			0.009
D73004 (262669)			0.004
D73005 (262670)			0.003
D73006 (262671)			0.327
D73007 (262672)			0.002
D73008 (262673)			0.002
D73009 (262674)			0.004
D73010 (262675)			0.003
D73011 (262676)			0.012
D73012 (262677)			0.004
D73013 (262678)			0.069
D73014 (262679)			0.003
D73015 (262680)			0.003
D73016 (262681)			0.003
D73017 (262682)			0.002
D73018 (262683)			0.003
D73019 (262684)			0.001
D73020 (262685)			0.001
D73021 (262686)			0.003
D73022 (262687)			0.005
D73023 (262688)			0.075
D73024 (262689)			0.004
D73025 (262690)			0.004
D73026 (262691)			0.333
D73027 (262692)			0.003
D73028 (262693)			0.002
D73029 (262694)			0.003
D73030 (262695)			0.004
D73031 (262696)			0.030
D73032 (262697)			0.002

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T477966

PROJECT: AGAT00659

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 09, 2019      DATE RECEIVED: Jun 10, 2019      DATE REPORTED: Jun 27, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D73033 (262698)			0.005
D73034 (262699)			0.006
D73035 (262700)			0.004
D73036 (262701)			0.002
D73037 (262702)			0.005
D73038 (262703)			0.017
D73039 (262704)			0.005
D73040 (262705)			0.003
D73041 (262706)			0.002
D73042 (262707)			0.017
D73043 (262708)			0.002
D73044 (262709)			0.005
D73045 (262710)			0.006
D73046 (262711)			0.348
D73047 (262712)			0.002
D73048 (262713)			0.002
D73049 (262714)			0.001
D73050 (262715)			0.001
D73051 (262716)			0.002
D73052 (262717)			<0.001
D73053 (262718)			0.001
D73054 (262719)			0.003
D73055 (262720)			0.013
D73056 (262721)			0.019
D73057 (262722)			0.002
D73058 (262723)			0.001
D73059 (262724)			0.004
D73060 (262725)			0.001
D73061 (262726)			0.007
D73062 (262727)			0.007
D73063 (262728)			0.002
D73064 (262729)			0.002

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## Certificate of Analysis

AGAT WORK ORDER: 19T477966

PROJECT: AGAT00659

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 09, 2019      DATE RECEIVED: Jun 10, 2019      DATE REPORTED: Jun 27, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D73065 (262730)			0.001
D73066 (262731)			0.341
D73067 (262732)			0.061
D73068 (262733)			0.008
D73069 (262734)			0.004
D73070 (262735)			0.003
D73071 (262736)			0.002
D73072 (262737)			0.002

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T477966

PROJECT: AGAT00659

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## Sieving - % Passing (Crushing)

DATE SAMPLED: Jun 09, 2019      DATE RECEIVED: Jun 10, 2019      DATE REPORTED: Jun 27, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D73001 (262666)		87.54
D73020 (262685)		88.89
D73040 (262705)		83.20
D73042 (262707)		81.65
D73060 (262725)		84.02
D73061 (262726)		87.80

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T477966

PROJECT: AGAT00659

 5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jun 09, 2019

DATE RECEIVED: Jun 10, 2019

DATE REPORTED: Jun 27, 2019


SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Pass % % 0.01
D73001 (262666)		85.5
D73009 (262674)		88.1
D73013 (262678)		93
D73038 (262703)		93
D73067 (262732)		93

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	262666	< 0.5	< 0.5	0.0%	262680	< 0.5	< 0.5	0.0%	262692	< 0.5	< 0.5	0.0%	262705	< 0.5	< 0.5	0.0%
Al	262666	7.75	7.79	0.5%	262680	8.37	8.14	2.8%	262692	7.84	7.77	0.9%	262705	8.14	8.14	0.0%
As	262666	< 1	< 1	0.0%	262680	< 1	< 1	0.0%	262692	< 1	< 1	0.0%	262705	< 1	< 1	0.0%
Ba	262666	241	233	3.4%	262680	260	251	3.5%	262692	257	262	1.9%	262705	335	340	1.5%
Be	262666	0.5	0.5	0.0%	262680	0.7	0.7	0.0%	262692	1.06	0.83	24.3%	262705	0.8	0.8	0.0%
Bi	262666	< 1	< 1	0.0%	262680	< 1	< 1	0.0%	262692	< 1	< 1	0.0%	262705	< 1	< 1	0.0%
Ca	262666	3.02	3.02	0.0%	262680	3.20	3.07	4.1%	262692	3.46	3.45	0.3%	262705	4.97	5.06	1.8%
Cd	262666	< 0.5	< 0.5	0.0%	262680	< 0.5	< 0.5	0.0%	262692	< 0.5	< 0.5	0.0%	262705	< 0.5	< 0.5	0.0%
Ce	262666	45	47	4.3%	262680	50	50	0.0%	262692	42	44	4.7%	262705	38	41	7.6%
Co	262666	148	172	15.0%	262680	4.22	4.42	4.6%	262692	9.39	9.04	3.8%	262705	19.2	18.5	3.7%
Cr	262666	93.7	83.1	12.0%	262680	20.5	16.2	23.4%	262692	33.9	31.6	7.0%	262705	137	127	7.6%
Cu	262666	< 0.5	< 0.5	0.0%	262680	< 0.5	< 0.5	0.0%	262692	30.3	28.5	6.1%	262705	5.37	4.69	13.5%
Fe	262666	5.23	5.15	1.5%	262680	4.88	4.70	3.8%	262692	5.27	5.28	0.2%	262705	6.20	6.33	2.1%
Ga	262666	26	25	3.9%	262680	27	26	3.8%	262692	26	24	8.0%	262705	27	27	0.0%
In	262666	< 1	< 1	0.0%	262680	< 1	< 1	0.0%	262692	< 1	< 1	0.0%	262705	< 1	< 1	0.0%
K	262666	1.90	1.84	3.2%	262680	1.09	1.07	1.9%	262692	1.09	1.08	0.9%	262705	1.24	1.23	0.8%
La	262666	19	19	0.0%	262680	23	22	4.4%	262692	19	19	0.0%	262705	18	18	0.0%
Li	262666	62	60	3.3%	262680	29	29	0.0%	262692	30	30	0.0%	262705	16	16	0.0%
Mg	262666	2.24	2.16	3.6%	262680	0.68	0.67	1.5%	262692	1.19	1.17	1.7%	262705	2.16	2.17	0.5%
Mn	262666	1130	1150	1.8%	262680	1150	1120	2.6%	262692	1400	1370	2.2%	262705	1320	1310	0.8%
Mo	262666	2.38	2.10	12.5%	262680	4.66	4.30	8.0%	262692	4.15	4.23	1.9%	262705	43.9	47.1	7.0%
Na	262666	2.46	2.49	1.2%	262680	3.22	3.08	4.4%	262692	2.83	2.85	0.7%	262705	2.42	2.47	2.0%
Ni	262666	114	108	5.4%	262680	2.2	2.2	0.0%	262692	14.8	13.8	7.0%	262705	44.7	44.9	0.4%
P	262666	1240	1170	5.8%	262680	1330	1340	0.7%	262692	1190	1190	0.0%	262705	1480	1440	2.7%
Pb	262666	< 20	< 20	0.0%	262680	< 20	< 20	0.0%	262692	< 20	< 20	0.0%	262705	< 20	< 20	0.0%
Rb	262666	< 50	< 50	0.0%	262680	< 50	< 50	0.0%	262692	< 50	< 50	0.0%	262705	< 50	< 50	0.0%
S	262666	0.02	0.02	0.0%	262680	0.01	0.01	0.0%	262692	0.11	0.11	0.0%	262705	0.08	0.08	0.0%
Sb	262666	1	< 1		262680	2	< 1		262692	2	< 1		262705	2	< 1	
Sc	262666	17	17	0.0%	262680	16	16	0.0%	262692	19	18	5.4%	262705	24	24	0.0%
Se	262666	< 10	< 10	0.0%	262680	< 10	< 10	0.0%	262692	< 10	< 10	0.0%	262705	< 10	< 10	0.0%
Sn	262666	< 5	< 5	0.0%	262680	< 5	< 5	0.0%	262692	< 5	< 5	0.0%	262705	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

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Sr	262666	199	202	1.5%	262680	211	202	4.4%	262692	174	174	0.0%	262705	237	242	2.1%
Ta	262666	< 10	< 10	0.0%	262680	< 10	< 10	0.0%	262692	< 10	< 10	0.0%	262705	< 10	< 10	0.0%
Te	262666	< 10	< 10	0.0%	262680	< 10	< 10	0.0%	262692	< 10	< 10	0.0%	262705	< 10	< 10	0.0%
Th	262666	< 5	< 5	0.0%	262680	< 5	< 5	0.0%	262692	< 5	< 5	0.0%	262705	< 5	< 5	0.0%
Ti	262666	0.434	0.425	2.1%	262680	0.44	0.43	2.3%	262692	0.44	0.44	0.0%	262705	0.58	0.59	1.7%
Tl	262666	< 5	< 5	0.0%	262680	< 5	< 5	0.0%	262692	< 5	< 5	0.0%	262705	< 5	< 5	0.0%
U	262666	< 50	< 50	0.0%	262680	< 50	< 50	0.0%	262692	< 50	< 50	0.0%	262705	< 50	< 50	0.0%
V	262666	36.6	35.5	3.1%	262680	13.8	13.8	0.0%	262692	44.3	41.8	5.8%	262705	95.5	95.2	0.3%
W	262666	505	534	5.6%	262680	< 1	< 1	0.0%	262692	< 1	< 1	0.0%	262705	< 1	< 1	0.0%
Y	262666	35	35	0.0%	262680	35	35	0.0%	262692	36	35	2.8%	262705	29	28	3.5%
Zn	262666	137	133	3.0%	262680	107	102	4.8%	262692	99.8	100	0.2%	262705	118	119	0.8%
Zr	262666	170	170	0.0%	262680	145	141	2.8%	262692	120	124	3.3%	262705	73	79	7.9%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	262716	< 0.5	< 0.5	0.0%	262730	< 0.5	< 0.5	0.0%								
Al	262716	8.47	8.42	0.6%	262730	7.60	7.46	1.9%								
As	262716	< 1	< 1	0.0%	262730	< 1	< 1	0.0%								
Ba	262716	308	307	0.3%	262730	202	203	0.5%								
Be	262716	< 0.5	< 0.5	0.0%	262730	1.0	1.0	0.0%								
Bi	262716	< 1	< 1	0.0%	262730	< 1	< 1	0.0%								
Ca	262716	3.49	3.46	0.9%	262730	2.42	2.47	2.0%								
Cd	262716	< 0.5	< 0.5	0.0%	262730	< 0.5	< 0.5	0.0%								
Ce	262716	44	42	4.7%	262730	51	52	1.9%								
Co	262716	6.2	6.8	9.2%	262730	2.96	2.52	16.1%								
Cr	262716	23.3	24.0	3.0%	262730	29.7	30.0	1.0%								
Cu	262716	0.84	0.88	4.7%	262730	0.8	0.6	28.6%								
Fe	262716	4.94	4.92	0.4%	262730	4.04	3.96	2.0%								
Ga	262716	25	26	3.9%	262730	22	22	0.0%								
In	262716	< 1	< 1	0.0%	262730	< 1	< 1	0.0%								
K	262716	1.62	1.61	0.6%	262730	1.15	1.12	2.6%								
La	262716	19	19	0.0%	262730	21	21	0.0%								
Li	262716	24	24	0.0%	262730	23	22	4.4%								
Mg	262716	0.98	0.97	1.0%	262730	0.32	0.32	0.0%								
Mn	262716	963	939	2.5%	262730	1440	1470	2.1%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

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Mo	262716	7.0	8.6	20.5%	262730	8.0	8.5	6.1%								
Na	262716	3.01	3.00	0.3%	262730	2.73	2.78	1.8%								
Ni	262716	1.89	2.28	18.7%	262730	1.7	1.4	19.4%								
P	262716	1880	1890	0.5%	262730	622	624	0.3%								
Pb	262716	< 20	< 20	0.0%	262730	< 20	< 20	0.0%								
Rb	262716	< 50	< 50	0.0%	262730	< 50	< 50	0.0%								
S	262716	0.015	0.013	14.3%	262730	0.01	0.01	0.0%								
Sb	262716	< 1	1		262730	< 1	< 1	0.0%								
Sc	262716	17	16	6.1%	262730	13	13	0.0%								
Se	262716	< 10	< 10	0.0%	262730	< 10	< 10	0.0%								
Sn	262716	< 5	< 5	0.0%	262730	< 5	< 5	0.0%								
Sr	262716	178	177	0.6%	262730	157	161	2.5%								
Ta	262716	< 10	< 10	0.0%	262730	< 10	< 10	0.0%								
Te	262716	< 10	< 10	0.0%	262730	< 10	< 10	0.0%								
Th	262716	< 5	< 5	0.0%	262730	< 5	< 5	0.0%								
Ti	262716	0.64	0.62	3.2%	262730	0.25	0.25	0.0%								
Tl	262716	< 5	< 5	0.0%	262730	< 5	< 5	0.0%								
U	262716	< 50	< 50	0.0%	262730	< 50	< 50	0.0%								
V	262716	43.2	43.1	0.2%	262730	7.6	7.4	2.7%								
W	262716	< 1	< 1	0.0%	262730	< 1	< 1	0.0%								
Y	262716	29	28	3.5%	262730	37	37	0.0%								
Zn	262716	96.1	98.1	2.1%	262730	119	122	2.5%								
Zr	262716	129	123	4.8%	262730	218	220	0.9%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	262666	0.005	0.003		262680	0.003	0.009		262692	0.003	0.003	0.0%	262705	0.0026	0.0025	3.9%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	262716	0.002	0.002	0.0%	262730	0.001	0.003									



CLIENT NAME: GOLDCORP BORDEN LIMITED

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**(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish**

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.65	97%	90% - 110%	8.17	8.48	104%	90% - 110%	6.96	6.84	98%	90% - 110%	10.95	10.91	100%	90% - 110%
As					26	26	99%	90% - 110%	124	123	99%	90% - 110%				
Ba	340	316	93%	90% - 110%	540	517	96%	90% - 110%	186	171	92%	90% - 110%	340	320	94%	90% - 110%
Be	2.6	2.5	95%	90% - 110%	4.0	3	75%	90% - 110%					2.6	2.4	94%	90% - 110%
Ca	5.72	5.52	97%	90% - 110%	0.907	0.895	99%	90% - 110%	4.01	3.75	93%	90% - 110%	5.72	5.57	97%	90% - 110%
Ce	122	113	93%	90% - 110%	98	99	101%	90% - 110%	24	22	90%	90% - 110%	122	112	92%	90% - 110%
Co									22.1	20.6	93%	90% - 110%				
Cr					60.3	63.7	106%	90% - 110%								
Cu					150	151	101%	90% - 110%	88.6	82.6	93%	90% - 110%				
Fe	4.34	3.98	92%	90% - 110%	3.77	3.67	97%	90% - 110%	7.56	6.99	92%	90% - 110%	4.34	3.97	92%	90% - 110%
Ga	35	37	105%	90% - 110%									35	36	104%	90% - 110%
K	1.37	1.49	109%	90% - 110%					2.021	2.101	104%	90% - 110%	1.37	1.49	109%	90% - 110%
La	58	54	94%	90% - 110%	44	44	100%	90% - 110%					58	54	94%	90% - 110%
Li	37	38	103%	90% - 110%	47	48	101%	90% - 110%					37	38	103%	90% - 110%
Mg	0.325	0.295	91%	90% - 110%	1.10	1.1	100%	90% - 110%	2.412	2.344	97%	90% - 110%	0.325	0.3	92%	90% - 110%
Mn					780	757	97%	90% - 110%	1510	1385	92%	90% - 110%				
Mo					14	14	98%	90% - 110%								
Na	5.267	5.383	102%	90% - 110%	1.624	1.741	107%	90% - 110%	0.617	0.617	100%	90% - 110%	5.267	5.44	103%	90% - 110%
Ni					32	32	101%	90% - 110%	77.1	70.9	92%	90% - 110%				
P					750	802	107%	90% - 110%	892	946	106%	90% - 110%				
Pb					31	25	80%	90% - 110%								
S									0.348	0.323	93%	90% - 110%				
Sc	1.1	1.1	98%	90% - 110%	12	13	107%	90% - 110%					1.1	1.1	99%	90% - 110%
Sr	1191	1145	96%	90% - 110%	144	151	105%	90% - 110%	92.8	85.5	92%	90% - 110%	1191	1149	96%	90% - 110%
Ti	0.172	0.161	94%	90% - 110%	0.53	0.48	91%	90% - 110%					0.172	0.162	94%	90% - 110%
V	8	8	100%	90% - 110%	77	80	104%	90% - 110%					8	8	100%	90% - 110%
Y	119	128	108%	90% - 110%									119	125	105%	90% - 110%
Zn	93	90	97%	90% - 110%	130	123	94%	90% - 110%	208	201	97%	90% - 110%	93	90	97%	90% - 110%

**(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)**

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS6F)				CRM #4 (ref.1P5R)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits



**AGAT** Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 19T477966

PROJECT: AGAT00659

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Au	5.27	5.17	98%	90% - 110%	0.725	0.706	97%	90% - 110%	6.87	6.34	92%	90% - 110%	1.81	1.67	92%	90% - 110%
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## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00659  
 SAMPLING SITE:

AGAT WORK ORDER: 19T477966  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00660

AGAT WORK ORDER: 19T480319

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jul 03, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T480319

PROJECT: AGAT00660

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Jun 13, 2019      DATE RECEIVED: Jun 14, 2019      DATE REPORTED: Jul 03, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D73073 (276336)		1.14
D73074 (276337)		1.28
D73075 (276338)		1.21
D73076 (276339)		1.11
D73077 (276340)		1.48
D73078 (276341)		1.48
D73079 (276342)		1.33
D73080 (276343)		1.83
D73081 (276344)		1.60
D73082 (276345)		1.93
D73083 (276346)		1.18
D73084 (276347)		2.20
D73085 (276348)		1.21
D73086 (276349)		0.07
D73087 (276350)		1.14
D73088 (276351)		1.43
D73089 (276352)		1.39
D73090 (276353)		2.09
D73091 (276354)		1.69
D73092 (276355)		0.72
D73093 (276356)		1.29
D73094 (276357)		0.76
D73095 (276358)		2.39
D73096 (276359)		1.32
D73097 (276360)		1.84
D73098 (276361)		1.84
D73099 (276362)		2.17
D73100 (276363)		0.94
D73101 (276364)		2.18
D73102 (276365)		2.01
D73103 (276366)		1.47

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T480319

PROJECT: AGAT00660

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Jun 13, 2019

DATE RECEIVED: Jun 14, 2019

DATE REPORTED: Jul 03, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D73104 (276367)		1.21
D73105 (276368)		2.47
D73106 (276369)		0.07
D73107 (276370)		2.35
D73108 (276371)		2.42
D73109 (276372)		2.32
D73110 (276373)		2.38
D73111 (276374)		1.11
D73112 (276375)		0.68
D73113 (276376)		1.14
D73114 (276377)		2.26
D73115 (276378)		2.25
D73116 (276379)		1.71
D73117 (276380)		1.10
D73118 (276381)		1.10
D73119 (276382)		2.07
D73120 (276383)		1.30
D73121 (276384)		2.35
D73122 (276385)		1.73
D73123 (276386)		1.25
D73124 (276387)		1.03
D73125 (276388)		2.16
D73126 (276389)		0.07
D73127 (276390)		0.81
D73128 (276391)		1.67
D73129 (276392)		1.31
D73130 (276393)		1.01
D73131 (276394)		1.61
D73132 (276395)		0.72
D73133 (276396)		1.05
D73134 (276397)		1.22

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T480319

PROJECT: AGAT00660

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Jun 13, 2019      DATE RECEIVED: Jun 14, 2019      DATE REPORTED: Jul 03, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D73135 (276398)		1.71
D73136 (276399)		0.81
D73137 (276400)		2.13
D73138 (276401)		2.13
D73140 (276402)		1.09
D73141 (276403)		0.93
D73142 (276404)		1.38
D73143 (276405)		1.55
D73144 (276406)		1.84

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





## Certificate of Analysis

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PROJECT: AGAT00660

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 13, 2019	DATE RECEIVED: Jun 14, 2019					DATE REPORTED: Jul 03, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D73073 (276336)	0.8	8.23	<1	198	1.3	<1	2.78	<0.5	59	210	66.9	<0.5	4.26	21	
D73074 (276337)	0.6	8.33	<1	250	2.1	<1	3.26	<0.5	55	236	43.0	<0.5	4.07	21	
D73075 (276338)	0.7	7.99	<1	283	1.9	<1	2.91	<0.5	50	170	35.8	6.3	3.45	21	
D73076 (276339)	<0.5	3.11	2	362	0.8	<1	0.74	<0.5	7	501	59.9	77.9	0.69	7	
D73077 (276340)	<0.5	9.13	<1	1820	1.3	<1	1.14	<0.5	20	158	35.7	73.4	1.20	20	
D73078 (276341)	<0.5	8.95	2	1810	1.2	<1	1.10	<0.5	18	135	25.3	62.2	1.14	20	
D73079 (276342)	<0.5	8.17	<1	2220	0.6	<1	0.76	<0.5	35	192	32.9	11.1	0.84	14	
D73080 (276343)	1.1	8.60	<1	343	1.7	<1	2.75	<0.5	54	192	16.3	<0.5	3.94	21	
D73081 (276344)	1.0	8.13	<1	241	1.5	<1	2.54	<0.5	53	243	18.5	0.9	3.75	20	
D73082 (276345)	0.8	7.96	<1	163	1.6	<1	2.57	<0.5	15	296	27.4	<0.5	2.63	18	
D73083 (276346)	1.0	8.14	<1	247	1.2	<1	2.83	<0.5	54	191	14.5	<0.5	4.21	22	
D73084 (276347)	0.7	8.33	<1	287	2.1	<1	3.05	<0.5	61	170	17.5	<0.5	3.93	22	
D73085 (276348)	0.6	8.40	<1	315	1.1	<1	3.20	<0.5	63	223	13.9	<0.5	3.84	21	
D73086 (276349)	<0.5	7.49	<1	186	<0.5	<1	6.45	<0.5	16	57.8	201	103	7.60	24	
D73087 (276350)	0.7	8.15	<1	240	2.8	<1	3.33	<0.5	59	202	16.5	<0.5	3.84	21	
D73088 (276351)	0.9	8.35	<1	298	1.7	<1	3.05	<0.5	60	150	16.0	<0.5	4.49	23	
D73089 (276352)	1.0	8.40	<1	285	1.5	<1	2.92	<0.5	62	169	11.8	1.9	4.33	23	
D73090 (276353)	0.9	8.40	<1	261	1.3	<1	2.98	<0.5	57	191	13.7	<0.5	4.04	20	
D73091 (276354)	0.7	7.90	<1	216	1.6	<1	2.71	<0.5	46	204	15.7	<0.5	3.53	20	
D73092 (276355)	<0.5	0.08	<1	16	<0.5	<1	34.5	<0.5	1	0.8	8.0	<0.5	0.11	6	
D73093 (276356)	0.9	8.25	<1	284	1.9	<1	2.85	<0.5	59	9.9	96.4	<0.5	4.72	23	
D73094 (276357)	0.8	8.10	<1	241	1.3	<1	2.76	<0.5	51	9.1	195	1.1	4.37	21	
D73095 (276358)	0.9	8.22	<1	266	4.1	<1	2.83	<0.5	55	9.3	92.4	0.5	4.58	21	
D73096 (276359)	0.8	7.88	<1	292	2.0	<1	2.59	<0.5	63	10.4	104	1.7	4.87	22	
D73097 (276360)	0.8	8.44	<1	299	1.8	<1	2.72	<0.5	57	10.4	93.9	1.1	4.61	22	
D73098 (276361)	0.7	8.27	<1	289	1.7	<1	2.63	<0.5	57	10.0	110	0.9	4.56	21	
D73099 (276362)	<0.5	7.79	<1	259	1.0	<1	2.56	<0.5	52	9.3	109	<0.5	4.38	18	
D73100 (276363)	0.7	7.29	<1	216	9.9	<1	2.41	<0.5	45	7.6	19.1	1.4	3.75	18	
D73101 (276364)	0.7	8.03	<1	252	2.8	<1	2.56	<0.5	52	9.0	15.5	<0.5	4.03	21	
D73102 (276365)	0.8	7.99	<1	281	1.1	<1	2.57	<0.5	55	8.7	13.1	<0.5	3.65	20	
D73103 (276366)	0.7	7.93	<1	258	1.4	<1	2.61	<0.5	48	8.1	13.2	<0.5	3.43	19	
D73104 (276367)	0.7	8.00	<1	300	1.4	<1	2.60	<0.5	55	9.7	15.5	<0.5	4.24	19	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T480319

PROJECT: AGAT00660

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 13, 2019	DATE RECEIVED: Jun 14, 2019							DATE REPORTED: Jul 03, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D73105 (276368)	1.0	8.28	<1	267	2.5	<1	2.78	<0.5	53	8.8	14.0	<0.5	4.13	20	
D73106 (276369)	<0.5	7.72	<1	191	<0.5	<1	6.60	<0.5	15	58.1	188	110	7.80	24	
D73107 (276370)	3.1	7.72	<1	289	1.5	<1	2.51	<0.5	52	9.4	21.0	7.9	3.98	20	
D73108 (276371)	0.7	8.01	<1	322	1.1	<1	2.51	<0.5	58	10.3	10.6	<0.5	4.37	21	
D73109 (276372)	0.8	7.70	<1	280	0.9	<1	2.43	<0.5	53	9.7	11.9	2.9	3.93	21	
D73110 (276373)	0.8	7.93	<1	242	1.0	<1	2.42	<0.5	50	9.0	9.0	<0.5	3.76	20	
D73111 (276374)	<0.5	7.32	<1	306	0.8	<1	4.50	<0.5	37	4.9	13.4	0.5	1.67	18	
D73112 (276375)	<0.5	0.11	<1	15	<0.5	<1	31.8	<0.5	1	<0.5	1.1	<0.5	0.11	6	
D73113 (276376)	0.7	7.88	<1	250	1.2	<1	2.33	<0.5	44	8.5	10.5	3.3	3.41	20	
D73114 (276377)	0.9	8.30	<1	246	1.3	<1	2.59	<0.5	53	9.1	11.5	1.6	3.99	20	
D73115 (276378)	0.9	7.89	<1	248	1.6	<1	2.45	<0.5	58	9.2	12.3	4.3	4.21	20	
D73116 (276379)	0.9	8.11	<1	326	1.1	<1	2.52	<0.5	53	9.4	10.3	7.3	3.90	21	
D73117 (276380)	<0.5	8.17	<1	384	1.6	<1	2.22	<0.5	15	6.1	9.2	51.0	2.07	20	
D73118 (276381)	<0.5	8.31	<1	395	1.6	<1	2.28	<0.5	15	6.1	16.9	53.2	2.03	21	
D73119 (276382)	0.9	8.22	<1	291	1.3	<1	2.30	<0.5	55	10.2	11.5	20.9	3.97	21	
D73120 (276383)	0.7	7.42	<1	535	6.7	<1	2.98	<0.5	34	14.3	96.8	19.7	2.09	20	
D73121 (276384)	<0.5	2.82	<1	724	2.7	<1	8.07	<0.5	95	76.0	620	76.2	7.04	17	
D73122 (276385)	0.9	8.01	<1	1070	1.7	<1	1.88	<0.5	60	9.0	75.6	0.9	4.01	23	
D73123 (276386)	1.2	8.65	<1	379	3.8	<1	1.82	<0.5	45	12.4	87	23.7	4.17	26	
D73124 (276387)	0.8	7.82	<1	432	5.6	<1	1.92	<0.5	51	11.4	72.1	1.6	3.94	21	
D73125 (276388)	1.0	8.39	<1	552	1.7	<1	2.08	<0.5	53	9.6	81.9	5.2	4.32	20	
D73126 (276389)	<0.5	7.77	<1	194	<0.5	<1	6.67	<0.5	15	56.3	181	109	7.88	25	
D73127 (276390)	0.8	7.45	<1	419	0.9	<1	2.28	<0.5	53	8.7	139	0.7	3.91	20	
D73128 (276391)	0.9	7.70	<1	329	0.8	<1	2.64	<0.5	52	9.0	123	1.0	3.86	20	
D73129 (276392)	0.8	8.03	<1	302	0.7	<1	2.80	<0.5	48	12.7	119	27.7	3.87	21	
D73130 (276393)	0.9	8.26	<1	363	0.8	<1	2.88	<0.5	53	11.6	127	12.4	4.45	20	
D73131 (276394)	0.5	8.17	<1	377	0.6	<1	3.84	<0.5	35	23.5	122	18.8	4.98	20	
D73132 (276395)	<0.5	0.09	<1	14	<0.5	<1	31.6	<0.5	<1	0.5	5.5	<0.5	0.10	6	
D73133 (276396)	<0.5	7.86	<1	230	0.7	<1	3.26	<0.5	15	7.4	82.4	6.2	1.75	20	
D73134 (276397)	<0.5	8.71	<1	982	1.5	<1	2.27	<0.5	10	4.5	72.0	32.4	1.39	21	
D73135 (276398)	<0.5	7.76	<1	1190	1.3	<1	1.92	<0.5	11	3.7	67.2	13.6	1.06	17	
D73136 (276399)	<0.5	7.62	<1	299	1.2	<1	2.86	<0.5	22	15.2	87.0	23.8	3.48	21	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T480319

PROJECT: AGAT00660

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 13, 2019		DATE RECEIVED: Jun 14, 2019					DATE REPORTED: Jul 03, 2019					SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:														
	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D73137 (276400)	0.6	7.97	<1	445	1.0	<1	3.13	<0.5	33	23.3	120	14.8	4.39	22	
D73138 (276401)	0.5	8.03	<1	438	1.0	<1	3.11	<0.5	36	23.6	128	14.7	4.44	22	
D73140 (276402)	0.9	7.66	<1	268	0.6	<1	2.31	<0.5	45	19.8	121	45.3	3.18	22	
D73141 (276403)	0.8	7.47	<1	187	0.8	<1	2.52	<0.5	46	17.1	107	12.4	3.43	19	
D73142 (276404)	0.9	7.63	<1	676	1.2	<1	1.98	<0.5	51	8.9	83.5	62.8	2.23	21	
D73143 (276405)	1.0	7.79	<1	802	1.1	<1	1.81	<0.5	63	10.4	93.7	61.7	2.52	23	
D73144 (276406)	0.7	8.08	<1	342	0.9	<1	2.85	<0.5	30	19.6	124	24.6	4.13	23	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 13, 2019	DATE RECEIVED: Jun 14, 2019					DATE REPORTED: Jul 03, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D73073 (276336)	<1	1.24	27	31	0.66	2630	1.1	2.60	0.6	1120	<20	<50	0.01	<1	
D73074 (276337)	<1	1.07	23	23	0.47	1550	0.7	2.65	<0.5	749	<20	<50	<0.01	<1	
D73075 (276338)	<1	1.34	23	16	0.45	1200	1.8	3.16	<0.5	660	<20	<50	0.04	<1	
D73076 (276339)	5	1.25	2	9	0.06	94	6.5	1.24	1.7	421	<20	<50	0.23	<1	
D73077 (276340)	<1	6.62	10	19	0.21	282	2.1	2.80	<0.5	224	30	<50	0.06	<1	
D73078 (276341)	<1	6.48	9	17	0.20	266	1.3	2.83	<0.5	235	32	<50	0.06	1	
D73079 (276342)	<1	7.33	16	10	0.16	212	2.0	1.92	<0.5	89	31	<50	0.02	<1	
D73080 (276343)	<1	1.57	24	19	0.49	1800	1.1	2.98	<0.5	747	<20	<50	0.02	<1	
D73081 (276344)	<1	1.32	24	24	0.47	1920	1.1	2.92	<0.5	641	<20	<50	0.02	<1	
D73082 (276345)	<1	0.90	7	20	0.38	1930	2.5	3.03	<0.5	395	<20	<50	0.01	<1	
D73083 (276346)	<1	1.12	25	29	0.49	1550	0.9	2.86	<0.5	838	<20	<50	0.01	<1	
D73084 (276347)	<1	1.01	27	20	0.41	1120	1.2	3.04	<0.5	806	<20	<50	0.01	<1	
D73085 (276348)	<1	0.92	29	25	0.41	1060	0.9	2.87	<0.5	768	<20	<50	<0.01	<1	
D73086 (276349)	<1	0.44	11	10	4.31	1340	<0.5	2.36	118	971	<20	<50	0.09	<1	
D73087 (276350)	<1	0.77	27	22	0.39	1240	1.6	2.72	<0.5	679	<20	<50	0.01	<1	
D73088 (276351)	<1	0.96	27	26	0.40	1230	0.6	3.04	<0.5	807	<20	<50	0.02	<1	
D73089 (276352)	<1	0.99	28	27	0.39	1350	0.6	3.03	<0.5	783	<20	<50	0.02	<1	
D73090 (276353)	<1	0.92	26	24	0.35	1120	0.8	3.14	<0.5	750	<20	<50	0.01	<1	
D73091 (276354)	<1	0.79	21	19	0.27	906	2.0	3.19	<0.5	569	<20	<50	0.01	<1	
D73092 (276355)	<1	0.02	<2	<1	1.84	63	0.6	0.04	0.6	92	<20	<50	0.05	<1	
D73093 (276356)	<1	1.11	28	28	0.42	1310	8.6	3.13	1.3	776	<20	<50	0.01	<1	
D73094 (276357)	<1	0.87	24	19	0.33	1100	15.7	3.12	2.7	700	<20	<50	0.01	<1	
D73095 (276358)	<1	1.25	25	24	0.39	1170	9.7	3.34	2.3	676	<20	<50	0.01	<1	
D73096 (276359)	<1	1.54	29	27	0.41	1400	9.3	2.98	2.7	816	<20	<50	0.03	<1	
D73097 (276360)	<1	1.05	27	20	0.39	1160	10.1	3.34	1.2	772	<20	<50	0.02	<1	
D73098 (276361)	<1	1.02	27	19	0.39	1170	11.7	3.22	2.0	767	<20	<50	0.02	<1	
D73099 (276362)	<1	0.93	25	19	0.36	1360	10.9	2.95	1.8	675	<20	<50	0.01	<1	
D73100 (276363)	<1	0.97	22	22	0.30	1030	1.5	3.05	1.6	609	<20	<50	0.01	<1	
D73101 (276364)	<1	1.30	25	23	0.35	969	1.2	3.35	1.5	561	<20	<50	0.01	<1	
D73102 (276365)	<1	0.91	26	21	0.29	813	1.0	3.39	<0.5	688	<20	<50	0.01	<1	
D73103 (276366)	<1	0.87	24	21	0.26	830	1.1	3.15	<0.5	751	<20	<50	0.01	<1	
D73104 (276367)	<1	0.97	26	23	0.32	1190	1.7	3.19	<0.5	716	<20	<50	0.01	<1	

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T480319

PROJECT: AGAT00660

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 13, 2019	DATE RECEIVED: Jun 14, 2019					DATE REPORTED: Jul 03, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D73105 (276368)	<1	0.96	25	23	0.34	1040	1.5	3.23	<0.5	698	<20	<50	0.01	<1	
D73106 (276369)	<1	0.45	11	10	4.41	1370	<0.5	2.41	118	936	<20	<50	0.10	<1	
D73107 (276370)	<1	1.07	25	20	0.34	988	1.6	3.21	4.9	677	<20	<50	0.04	<1	
D73108 (276371)	<1	1.15	27	36	0.40	1130	1.2	3.14	<0.5	803	<20	<50	0.02	<1	
D73109 (276372)	<1	0.96	26	23	0.35	972	2.8	2.99	1.9	716	<20	<50	0.02	<1	
D73110 (276373)	<1	1.02	24	21	0.37	954	0.9	3.25	1.3	720	<20	<50	0.01	<1	
D73111 (276374)	<1	1.59	16	8	0.28	875	0.8	4.18	6.5	812	<20	<50	<0.01	<1	
D73112 (276375)	1	0.02	2	1	2.12	71	<0.5	0.06	0.6	90	<20	<50	0.04	<1	
D73113 (276376)	<1	1.00	21	20	0.38	871	1.1	3.42	1.5	654	<20	<50	0.02	<1	
D73114 (276377)	<1	1.11	25	20	0.33	966	1.2	3.40	1.1	655	<20	<50	0.02	<1	
D73115 (276378)	<1	1.22	27	19	0.33	1030	1.4	3.24	1.7	666	<20	<50	0.04	<1	
D73116 (276379)	<1	1.18	25	25	0.35	901	1.1	3.24	0.8	678	<20	<50	0.07	<1	
D73117 (276380)	<1	1.71	8	13	0.21	302	2.9	3.35	<0.5	356	<20	<50	0.34	<1	
D73118 (276381)	<1	1.74	8	13	0.21	283	2.8	3.42	<0.5	386	22	<50	0.34	<1	
D73119 (276382)	<1	1.54	26	25	0.49	1130	1.0	3.17	2.0	668	<20	<50	0.15	<1	
D73120 (276383)	<1	1.45	17	33	1.58	486	0.9	4.38	89.2	929	23	<50	0.14	<1	
D73121 (276384)	<1	1.71	51	76	8.67	1380	1.2	2.46	554	1830	<20	<50	0.15	<1	
D73122 (276385)	<1	1.09	28	31	0.99	894	5.6	3.91	9.6	636	<20	<50	0.07	<1	
D73123 (276386)	<1	1.32	22	35	0.95	1260	0.7	3.71	8.4	745	<20	<50	0.30	<1	
D73124 (276387)	<1	1.10	24	30	0.77	1110	1.0	3.23	1.2	729	<20	<50	0.06	<1	
D73125 (276388)	<1	1.25	25	34	0.71	1080	1.2	3.25	3.3	748	<20	<50	0.12	<1	
D73126 (276389)	<1	0.45	11	10	4.40	1380	<0.5	2.46	114	904	<20	<50	0.11	<1	
D73127 (276390)	<1	1.07	25	30	0.52	978	10.5	2.71	5.2	680	<20	<50	0.04	<1	
D73128 (276391)	<1	1.00	24	28	0.45	955	13.2	2.79	2.3	799	<20	<50	0.03	<1	
D73129 (276392)	<1	0.93	24	24	0.36	932	10.5	2.90	5.2	794	<20	<50	0.19	<1	
D73130 (276393)	<1	1.16	25	33	0.51	1220	9.9	2.96	4.0	753	<20	<50	0.14	<1	
D73131 (276394)	<1	1.22	18	36	1.10	1090	7.3	2.41	29.5	919	<20	<50	0.14	<1	
D73132 (276395)	4	0.02	<2	1	3.59	64	<0.5	0.05	0.5	90	<20	<50	0.05	<1	
D73133 (276396)	<1	1.02	8	20	0.51	222	9.5	3.07	8.1	333	<20	<50	0.05	<1	
D73134 (276397)	<1	3.03	5	11	0.28	311	8.5	3.08	3.1	808	26	<50	0.19	<1	
D73135 (276398)	<1	3.40	6	9	0.25	233	9.8	2.89	5.8	324	24	<50	0.09	<1	
D73136 (276399)	<1	2.15	12	24	0.97	952	5.2	3.93	29.3	670	<20	<50	0.15	<1	

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AGAT WORK ORDER: 19T480319

PROJECT: AGAT00660

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 13, 2019	DATE RECEIVED: Jun 14, 2019					DATE REPORTED: Jul 03, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D73137 (276400)	<1	1.63	17	41	1.09	896	8.2	2.44	29.7	637	<20	<50	0.15	<1	
D73138 (276401)	<1	1.64	19	41	1.10	915	8.3	2.42	29.8	647	<20	<50	0.14	<1	
D73140 (276402)	<1	1.44	23	30	0.70	615	10.2	2.71	20.2	570	<20	<50	0.35	<1	
D73141 (276403)	<1	1.26	23	34	0.66	1130	10.5	2.45	18.1	579	<20	<50	0.12	<1	
D73142 (276404)	<1	2.15	26	15	0.41	217	8.3	2.94	7.7	88	24	<50	0.53	<1	
D73143 (276405)	<1	2.88	33	20	0.55	309	10.4	2.80	11.2	196	23	<50	0.58	<1	
D73144 (276406)	<1	1.57	16	40	0.94	728	8.9	2.27	19.7	588	<20	<50	0.28	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 13, 2019	DATE RECEIVED: Jun 14, 2019					DATE REPORTED: Jul 03, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D73073 (276336)	19	<10	<5	150	<10	<10	<5	0.25	<5	<50	7.2	648	64	189	
D73074 (276337)	16	<10	<5	175	<10	<10	<5	0.25	<5	<50	10.0	743	42	124	
D73075 (276338)	12	<10	<5	168	<10	<10	<5	0.22	<5	<50	5.7	448	32	79.1	
D73076 (276339)	1	<10	<5	69	<10	<10	<5	0.02	<5	<50	1.3	1250	5	270	
D73077 (276340)	3	<10	<5	210	<10	<10	<5	0.09	<5	<50	7.9	458	7	147	
D73078 (276341)	3	<10	<5	205	<10	<10	<5	0.08	<5	<50	7.8	422	8	156	
D73079 (276342)	3	<10	<5	204	<10	<10	<5	0.08	<5	<50	5.5	517	4	34.7	
D73080 (276343)	14	<10	<5	180	<10	<10	<5	0.28	<5	<50	4.6	585	39	131	
D73081 (276344)	14	<10	<5	163	<10	<10	<5	0.25	<5	<50	3.6	715	41	137	
D73082 (276345)	14	<10	<5	177	<10	<10	<5	0.15	<5	<50	5.6	956	52	98.8	
D73083 (276346)	15	<10	<5	198	<10	<10	<5	0.28	<5	<50	5.2	570	44	133	
D73084 (276347)	13	<10	<5	223	<10	<10	<5	0.28	<5	<50	5.5	554	36	106	
D73085 (276348)	12	<10	<5	235	<10	<10	<5	0.28	<5	<50	3.0	673	35	107	
D73086 (276349)	34	<10	<5	239	<10	<10	<5	0.82	<5	<50	246	<1	22	88.9	
D73087 (276350)	12	<10	<5	213	<10	<10	<5	0.26	<5	<50	3.9	643	36	107	
D73088 (276351)	13	<10	<5	222	<10	<10	<5	0.29	<5	<50	3.3	437	40	108	
D73089 (276352)	14	<10	<5	215	<10	<10	<5	0.29	<5	<50	3.0	526	42	118	
D73090 (276353)	12	<10	<5	219	<10	<10	<5	0.28	<5	<50	2.8	523	33	105	
D73091 (276354)	10	<10	<5	213	<10	<10	<5	0.21	<5	<50	2.4	506	29	84.6	
D73092 (276355)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	0.5	1	2	5.0	
D73093 (276356)	13	<10	<5	208	<10	<10	<5	0.28	<5	<50	4.8	<1	37	119	
D73094 (276357)	11	<10	<5	208	<10	<10	<5	0.25	<5	<50	2.9	<1	34	103	
D73095 (276358)	14	<10	<5	206	<10	<10	<5	0.27	<5	<50	18.0	<1	33	108	
D73096 (276359)	15	<10	<5	198	<10	<10	<5	0.27	<5	<50	8.0	<1	39	102	
D73097 (276360)	12	<10	<5	218	<10	<10	<5	0.29	<5	<50	4.5	<1	33	98.6	
D73098 (276361)	13	<10	<5	212	<10	<10	<5	0.28	<5	<50	4.2	<1	35	96.9	
D73099 (276362)	12	<10	<5	202	<10	<10	<5	0.26	<5	<50	4.3	<1	36	99.9	
D73100 (276363)	13	<10	<5	195	<10	<10	<5	0.20	<5	<50	25.6	<1	28	73.1	
D73101 (276364)	12	<10	<5	201	<10	<10	<5	0.25	<5	<50	17.2	<1	25	88.2	
D73102 (276365)	10	<10	<5	203	<10	<10	<5	0.26	<5	<50	5.5	<1	26	99.1	
D73103 (276366)	9	<10	<5	202	<10	<10	<5	0.24	<5	<50	4.8	<1	24	83.1	
D73104 (276367)	12	<10	<5	199	<10	<10	<5	0.28	<5	<50	5.9	<1	35	102	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 13, 2019	DATE RECEIVED: Jun 14, 2019					DATE REPORTED: Jul 03, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D73105 (276368)	11	<10	<5	193	<10	<10	<5	0.26	<5	<50	4.6	<1	28	99.6	
D73106 (276369)	34	<10	<5	245	<10	<10	<5	0.84	<5	<50	24.3	<1	22	94.2	
D73107 (276370)	11	<10	<5	191	<10	<10	<5	0.25	<5	<50	12.7	<1	31	135	
D73108 (276371)	13	<10	<5	198	<10	<10	<5	0.29	<5	<50	6.9	<1	39	104	
D73109 (276372)	12	<10	<5	190	<10	<10	<5	0.26	<5	<50	6.2	<1	32	94.3	
D73110 (276373)	11	<10	<5	200	<10	<10	<5	0.25	<5	<50	6.5	<1	29	91.2	
D73111 (276374)	4	<10	<5	195	<10	<10	7	0.08	<5	<50	14.2	<1	27	23.7	
D73112 (276375)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	0.9	<1	2	4.3	
D73113 (276376)	9	<10	<5	196	<10	<10	<5	0.24	<5	<50	7.7	<1	25	79.4	
D73114 (276377)	11	<10	<5	214	<10	<10	<5	0.26	<5	<50	5.7	<1	29	101	
D73115 (276378)	11	<10	<5	195	<10	<10	<5	0.26	<5	<50	7.4	<1	32	99.2	
D73116 (276379)	11	<10	<5	203	<10	<10	<5	0.27	<5	<50	7.7	<1	29	103	
D73117 (276380)	3	<10	<5	184	<10	<10	<5	0.10	<5	<50	6.1	<1	9	103	
D73118 (276381)	3	<10	<5	188	<10	<10	<5	0.10	<5	<50	6.7	<1	9	119	
D73119 (276382)	12	<10	<5	181	<10	<10	<5	0.28	<5	<50	10.1	<1	34	112	
D73120 (276383)	14	<10	<5	316	<10	<10	<5	0.21	<5	<50	53.5	<1	21	62.9	
D73121 (276384)	20	<10	<5	666	<10	<10	<5	1.10	<5	<50	204	<1	25	67.5	
D73122 (276385)	11	<10	<5	225	<10	<10	<5	0.29	<5	<50	8.9	<1	29	42.1	
D73123 (276386)	11	<10	<5	175	<10	<10	<5	0.27	<5	<50	6.1	<1	31	83.5	
D73124 (276387)	11	<10	<5	169	<10	<10	<5	0.22	<5	<50	5.2	<1	29	67.2	
D73125 (276388)	12	<10	<5	197	<10	<10	<5	0.27	<5	<50	4.7	<1	31	77.3	
D73126 (276389)	33	<10	<5	249	<10	<10	<5	0.85	<5	<50	239	<1	22	93.9	
D73127 (276390)	11	<10	<5	191	<10	<10	<5	0.24	<5	<50	4.2	<1	32	74.6	
D73128 (276391)	11	<10	<5	198	<10	<10	<5	0.25	<5	<50	4.1	<1	32	78.6	
D73129 (276392)	11	<10	<5	202	<10	<10	<5	0.29	<5	<50	15.0	<1	32	79.2	
D73130 (276393)	12	<10	<5	206	<10	<10	<5	0.31	<5	<50	6.3	<1	34	104	
D73131 (276394)	17	<10	<5	186	<10	<10	<5	0.43	<5	<50	71.5	<1	25	95.3	
D73132 (276395)	<1	<10	<5	64	<10	<10	<5	<0.01	<5	<50	0.6	<1	2	5.9	
D73133 (276396)	4	<10	<5	188	<10	<10	<5	0.16	<5	<50	25.3	<1	5	73.8	
D73134 (276397)	3	<10	<5	200	<10	<10	<5	0.11	<5	<50	16.7	<1	10	70.0	
D73135 (276398)	2	<10	<5	190	<10	<10	<5	0.06	<5	<50	10.1	<1	5	54.6	
D73136 (276399)	9	<10	<5	176	<10	<10	<5	0.17	<5	<50	48.0	<1	13	50.4	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 13, 2019	DATE RECEIVED: Jun 14, 2019					DATE REPORTED: Jul 03, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Sample ID (AGAT ID)															
D73137 (276400)	15	<10	<5	200	<10	<10	<5	0.37	<5	<50	83.7	<1	22	79.4	
D73138 (276401)	15	<10	<5	198	<10	<10	<5	0.36	<5	<50	85.0	<1	22	77.4	
D73140 (276402)	13	<10	<5	149	<10	<10	<5	0.35	<5	<50	51.6	<1	19	204	
D73141 (276403)	14	<10	<5	106	<10	<10	<5	0.37	<5	<50	56.3	<1	27	203	
D73142 (276404)	4	<10	<5	173	<10	<10	6	0.15	<5	<50	21.4	<1	6	114	
D73143 (276405)	6	<10	<5	175	<10	<10	<5	0.19	<5	<50	28.6	<1	9	128	
D73144 (276406)	13	<10	<5	177	<10	<10	<5	0.36	<5	<50	71.1	<1	18	137	

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 13, 2019      DATE RECEIVED: Jun 14, 2019      DATE REPORTED: Jul 03, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D73073 (276336)				190
D73074 (276337)				165
D73075 (276338)				201
D73076 (276339)				<5
D73077 (276340)				18
D73078 (276341)				18
D73079 (276342)				15
D73080 (276343)				249
D73081 (276344)				239
D73082 (276345)				192
D73083 (276346)				235
D73084 (276347)				189
D73085 (276348)				164
D73086 (276349)				88
D73087 (276350)				187
D73088 (276351)				215
D73089 (276352)				253
D73090 (276353)				208
D73091 (276354)				189
D73092 (276355)				<5
D73093 (276356)				216
D73094 (276357)				201
D73095 (276358)				222
D73096 (276359)				203
D73097 (276360)				175
D73098 (276361)				185
D73099 (276362)				147
D73100 (276363)				167
D73101 (276364)				185
D73102 (276365)				194
D73103 (276366)				172
D73104 (276367)				187

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 13, 2019      DATE RECEIVED: Jun 14, 2019      DATE REPORTED: Jul 03, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D73105 (276368)				217
D73106 (276369)				86
D73107 (276370)				192
D73108 (276371)				197
D73109 (276372)				211
D73110 (276373)				207
D73111 (276374)				42
D73112 (276375)				<5
D73113 (276376)				186
D73114 (276377)				229
D73115 (276378)				224
D73116 (276379)				218
D73117 (276380)				70
D73118 (276381)				84
D73119 (276382)				218
D73120 (276383)				183
D73121 (276384)				92
D73122 (276385)				244
D73123 (276386)				224
D73124 (276387)				185
D73125 (276388)				233
D73126 (276389)				86
D73127 (276390)				206
D73128 (276391)				190
D73129 (276392)				197
D73130 (276393)				198
D73131 (276394)				123
D73132 (276395)				<5
D73133 (276396)				78
D73134 (276397)				47
D73135 (276398)				44
D73136 (276399)				76

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T480319

PROJECT: AGAT00660

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 13, 2019

DATE RECEIVED: Jun 14, 2019

DATE REPORTED: Jul 03, 2019

SAMPLE TYPE: Drill Core


Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D73137 (276400)	150
D73138 (276401)	151
D73140 (276402)	194
D73141 (276403)	193
D73142 (276404)	197
D73143 (276405)	205
D73144 (276406)	165

Comments: RDL - Reported Detection Limit

276336-276406 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T480319

PROJECT: AGAT00660

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 CANADA L4Z 1N9  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 13, 2019      DATE RECEIVED: Jun 14, 2019      DATE REPORTED: Jul 03, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au	ppm	0.001	
D73073 (276336)				0.002
D73074 (276337)				0.002
D73075 (276338)				0.020
D73076 (276339)				0.019
D73077 (276340)				0.004
D73078 (276341)				0.007
D73079 (276342)				0.002
D73080 (276343)				<0.001
D73081 (276344)				0.002
D73082 (276345)				0.003
D73083 (276346)				0.002
D73084 (276347)				0.003
D73085 (276348)				0.002
D73086 (276349)				0.338
D73087 (276350)				0.001
D73088 (276351)				0.002
D73089 (276352)				0.006
D73090 (276353)				0.003
D73091 (276354)				0.003
D73092 (276355)				<0.001
D73093 (276356)				0.005
D73094 (276357)				0.002
D73095 (276358)				0.003
D73096 (276359)				0.005
D73097 (276360)				0.003
D73098 (276361)				0.003
D73099 (276362)				0.003
D73100 (276363)				0.001
D73101 (276364)				0.006
D73102 (276365)				0.002
D73103 (276366)				0.003
D73104 (276367)				0.001

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T480319

PROJECT: AGAT00660

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 13, 2019      DATE RECEIVED: Jun 14, 2019      DATE REPORTED: Jul 03, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D73105 (276368)			0.002
D73106 (276369)			0.334
D73107 (276370)			0.003
D73108 (276371)			0.010
D73109 (276372)			0.004
D73110 (276373)			0.002
D73111 (276374)			0.005
D73112 (276375)			0.001
D73113 (276376)			0.003
D73114 (276377)			0.001
D73115 (276378)			0.002
D73116 (276379)			0.002
D73117 (276380)			0.010
D73118 (276381)			0.021
D73119 (276382)			0.003
D73120 (276383)			0.003
D73121 (276384)			0.003
D73122 (276385)			0.001
D73123 (276386)			0.012
D73124 (276387)			0.001
D73125 (276388)			0.003
D73126 (276389)			0.327
D73127 (276390)			0.001
D73128 (276391)			0.002
D73129 (276392)			0.002
D73130 (276393)			0.002
D73131 (276394)			0.003
D73132 (276395)			0.001
D73133 (276396)			0.002
D73134 (276397)			0.003
D73135 (276398)			0.001
D73136 (276399)			0.002

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T480319

PROJECT: AGAT00660

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 13, 2019	DATE RECEIVED: Jun 14, 2019	DATE REPORTED: Jul 03, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D73137 (276400)			0.002
D73138 (276401)			0.003
D73140 (276402)			0.192
D73141 (276403)			0.004
D73142 (276404)			0.006
D73143 (276405)			0.005
D73144 (276406)			0.002

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T480319

PROJECT: AGAT00660

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Jun 13, 2019	DATE RECEIVED: Jun 14, 2019	DATE REPORTED: Jul 03, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D73073 (276336)		94.06
D73079 (276342)		94.05
D73091 (276354)		80.93
D73109 (276372)		78.39
D73111 (276374)		80.38
D73131 (276394)		78.69

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T480319

PROJECT: AGAT00660

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jun 13, 2019

DATE RECEIVED: Jun 14, 2019

DATE REPORTED: Jul 03, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL:
D73073 (276336)	87.4

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	276336	0.8	0.8	0.0%	276350	0.7	0.7	0.0%	276361	0.71	0.62	13.5%	276375	< 0.5	< 0.5	0.0%
Al	276336	8.23	8.10	1.6%	276350	8.15	7.93	2.7%	276361	8.27	7.91	4.4%	276375	0.11	0.12	8.7%
As	276336	< 1	< 1	0.0%	276350	< 1	< 1	0.0%	276361	< 1	< 1	0.0%	276375	< 1	< 1	0.0%
Ba	276336	198	190	4.1%	276350	240	236	1.7%	276361	289	282	2.5%	276375	15	15	0.0%
Be	276336	1.27	1.24	2.4%	276350	2.8	2.7	3.6%	276361	1.7	1.7	0.0%	276375	< 0.5	< 0.5	0.0%
Bi	276336	< 1	< 1	0.0%	276350	< 1	< 1	0.0%	276361	< 1	< 1	0.0%	276375	< 1	< 1	0.0%
Ca	276336	2.78	2.70	2.9%	276350	3.33	3.27	1.8%	276361	2.63	2.54	3.5%	276375	31.8	33.2	4.3%
Cd	276336	< 0.5	< 0.5	0.0%	276350	< 0.5	< 0.5	0.0%	276361	< 0.5	< 0.5	0.0%	276375	< 0.5	< 0.5	0.0%
Ce	276336	59	57	3.4%	276350	59	57	3.4%	276361	57	56	1.8%	276375	1	1	0.0%
Co	276336	210	233	10.4%	276350	202	201	0.5%	276361	10.0	10.0	0.0%	276375	< 0.5	< 0.5	0.0%
Cr	276336	66.9	60.0	10.9%	276350	16.5	15.6	5.6%	276361	110	89.7	20.3%	276375	1.1	1.4	24.0%
Cu	276336	< 0.5	< 0.5	0.0%	276350	< 0.5	0.7		276361	0.9	1.1	20.0%	276375	< 0.5	< 0.5	0.0%
Fe	276336	4.26	4.19	1.7%	276350	3.84	3.73	2.9%	276361	4.56	4.35	4.7%	276375	0.110	0.118	7.0%
Ga	276336	21	20	4.9%	276350	21	22	4.7%	276361	21	20	4.9%	276375	6	6	0.0%
In	276336	< 1	< 1	0.0%	276350	< 1	< 1	0.0%	276361	< 1	< 1	0.0%	276375	1	2	66.7%
K	276336	1.24	1.22	1.6%	276350	0.77	0.76	1.3%	276361	1.02	0.99	3.0%	276375	0.02	0.02	0.0%
La	276336	27	25	7.7%	276350	27	27	0.0%	276361	27	26	3.8%	276375	2	2	0.0%
Li	276336	31	31	0.0%	276350	22	22	0.0%	276361	19	19	0.0%	276375	1	1	0.0%
Mg	276336	0.657	0.645	1.8%	276350	0.39	0.38	2.6%	276361	0.385	0.368	4.5%	276375	2.12	2.15	1.4%
Mn	276336	2630	2620	0.4%	276350	1240	1210	2.4%	276361	1170	1140	2.6%	276375	71	78	9.4%
Mo	276336	1.1	1.0	9.5%	276350	1.56	1.20	26.1%	276361	11.7	9.63	19.4%	276375	< 0.5	< 0.5	0.0%
Na	276336	2.60	2.52	3.1%	276350	2.72	2.69	1.1%	276361	3.22	3.03	6.1%	276375	0.064	0.072	11.8%
Ni	276336	0.6	< 0.5		276350	< 0.5	< 0.5	0.0%	276361	2.0	1.6	22.2%	276375	0.6	1.0	
P	276336	1120	1120	0.0%	276350	679	686	1.0%	276361	767	731	4.8%	276375	90	86	4.5%
Pb	276336	< 20	< 20	0.0%	276350	< 20	< 20	0.0%	276361	< 20	< 20	0.0%	276375	< 20	< 20	0.0%
Rb	276336	< 50	< 50	0.0%	276350	< 50	< 50	0.0%	276361	< 50	< 50	0.0%	276375	< 50	< 50	0.0%
S	276336	0.01	0.01	0.0%	276350	0.014	0.017	19.4%	276361	0.02	0.02	0.0%	276375	0.04	0.04	0.0%
Sb	276336	< 1	< 1	0.0%	276350	< 1	< 1	0.0%	276361	< 1	< 1	0.0%	276375	< 1	< 1	0.0%
Sc	276336	19	19	0.0%	276350	12	12	0.0%	276361	13	12	8.0%	276375	< 1	< 1	0.0%
Se	276336	< 10	< 10	0.0%	276350	< 10	< 10	0.0%	276361	< 10	< 10	0.0%	276375	< 10	< 10	0.0%
Sn	276336	< 5	< 5	0.0%	276350	< 5	< 5	0.0%	276361	< 5	< 5	0.0%	276375	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	276336	150	145	3.4%	276350	213	208	2.4%	276361	212	206	2.9%	276375	67	69	2.9%
Ta	276336	< 10	< 10	0.0%	276350	< 10	< 10	0.0%	276361	< 10	< 10	0.0%	276375	< 10	< 10	0.0%
Te	276336	< 10	< 10	0.0%	276350	< 10	< 10	0.0%	276361	< 10	< 10	0.0%	276375	< 10	< 10	0.0%
Th	276336	< 5	< 5	0.0%	276350	< 5	< 5	0.0%	276361	< 5	< 5	0.0%	276375	< 5	< 5	0.0%
Ti	276336	0.248	0.242	2.4%	276350	0.257	0.255	0.8%	276361	0.28	0.27	3.6%	276375	< 0.01	< 0.01	0.0%
Tl	276336	< 5	< 5	0.0%	276350	< 5	< 5	0.0%	276361	< 5	< 5	0.0%	276375	< 5	< 5	0.0%
U	276336	< 50	< 50	0.0%	276350	< 50	< 50	0.0%	276361	< 50	< 50	0.0%	276375	< 50	< 50	0.0%
V	276336	7.2	7.2	0.0%	276350	3.9	3.7	5.3%	276361	4.2	4.1	2.4%	276375	0.9	0.5	
W	276336	648	737	12.9%	276350	643	583	9.8%	276361	< 1	< 1	0.0%	276375	< 1	< 1	0.0%
Y	276336	64	66	3.1%	276350	36	34	5.7%	276361	35	34	2.9%	276375	2	2	0.0%
Zn	276336	189	183	3.2%	276350	107	108	0.9%	276361	96.9	92.7	4.4%	276375	4.33	4.98	14.0%
Zr	276336	190	193	1.6%	276350	187	173	7.8%	276361	185	170	8.5%	276375	< 5	< 5	0.0%

Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	276386	1.2	1.1	8.7%	276400	0.6	0.6	0.0%								
Al	276386	8.65	8.43	2.6%	276400	7.97	8.02	0.6%								
As	276386	< 1	< 1	0.0%	276400	< 1	< 1	0.0%								
Ba	276386	379	385	1.6%	276400	445	452	1.6%								
Be	276386	3.81	3.71	2.7%	276400	0.99	1.06	6.8%								
Bi	276386	< 1	< 1	0.0%	276400	< 1	< 1	0.0%								
Ca	276386	1.82	1.82	0.0%	276400	3.13	3.18	1.6%								
Cd	276386	< 0.5	< 0.5	0.0%	276400	< 0.5	< 0.5	0.0%								
Ce	276386	45	46	2.2%	276400	33	33	0.0%								
Co	276386	12.4	11.7	5.8%	276400	23.3	22.8	2.2%								
Cr	276386	87	69.7	22.1%	276400	120	122	1.7%								
Cu	276386	23.7	19.6	18.9%	276400	14.8	15.0	1.3%								
Fe	276386	4.17	4.06	2.7%	276400	4.39	4.48	2.0%								
Ga	276386	26	26	0.0%	276400	22	21	4.7%								
In	276386	< 1	< 1	0.0%	276400	< 1	< 1	0.0%								
K	276386	1.32	1.29	2.3%	276400	1.63	1.65	1.2%								
La	276386	22	22	0.0%	276400	17	18	5.7%								
Li	276386	35	34	2.9%	276400	41	41	0.0%								
Mg	276386	0.946	0.910	3.9%	276400	1.09	1.10	0.9%								
Mn	276386	1260	1270	0.8%	276400	896	931	3.8%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	276386	0.65	0.62	4.7%	276400	8.19	8.01	2.2%								
Na	276386	3.71	3.66	1.4%	276400	2.44	2.48	1.6%								
Ni	276386	8.4	6.6	24.0%	276400	29.7	28.1	5.5%								
P	276386	745	725	2.7%	276400	637	623	2.2%								
Pb	276386	< 20	< 20	0.0%	276400	< 20	< 20	0.0%								
Rb	276386	< 50	< 50	0.0%	276400	< 50	< 50	0.0%								
S	276386	0.295	0.246	18.1%	276400	0.15	0.15	0.0%								
Sb	276386	< 1	< 1	0.0%	276400	< 1	< 1	0.0%								
Sc	276386	11	12	8.7%	276400	15	16	6.5%								
Se	276386	< 10	< 10	0.0%	276400	< 10	< 10	0.0%								
Sn	276386	< 5	< 5	0.0%	276400	< 5	< 5	0.0%								
Sr	276386	175	175	0.0%	276400	200	203	1.5%								
Ta	276386	< 10	< 10	0.0%	276400	< 10	< 10	0.0%								
Te	276386	< 10	< 10	0.0%	276400	< 10	< 10	0.0%								
Th	276386	< 5	< 5	0.0%	276400	< 5	< 5	0.0%								
Ti	276386	0.27	0.27	0.0%	276400	0.37	0.37	0.0%								
Tl	276386	< 5	< 5	0.0%	276400	< 5	< 5	0.0%								
U	276386	< 50	< 50	0.0%	276400	< 50	< 50	0.0%								
V	276386	6.1	6.3	3.2%	276400	83.7	83.3	0.5%								
W	276386	< 1	< 1	0.0%	276400	< 1	< 1	0.0%								
Y	276386	31	32	3.2%	276400	22	23	4.4%								
Zn	276386	83.5	80.9	3.2%	276400	79.4	78.2	1.5%								
Zr	276386	224	229	2.2%	276400	150	150	0.0%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	276336	0.002	< 0.001		276350	0.001	0.001	0.0%	276361	0.0033	0.0042	24.0%	276375	0.001	< 0.001	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	276386	0.012	0.005		276400	0.002	0.001									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

**(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish**

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	11.43	104%	90% - 110%	8.17	8.59	105%	90% - 110%	6.96	7	101%	90% - 110%	10.95	11.25	103%	90% - 110%
As					26	22	86%	90% - 110%	124	124	100%	90% - 110%				
Ba	340	336	99%	90% - 110%	540	521	96%	90% - 110%	186	179	96%	90% - 110%	340	330	97%	90% - 110%
Be	2.6	2.6	101%	90% - 110%	4.0	3.2	79%	90% - 110%					2.6	2.6	100%	90% - 110%
Ca	5.72	5.9	103%	90% - 110%	0.907	0.943	104%	90% - 110%	4.01	3.9	97%	90% - 110%	5.72	5.75	101%	90% - 110%
Ce	122	118	97%	90% - 110%	98	93	94%	90% - 110%	24	20	82%	90% - 110%	122	116	95%	90% - 110%
Co									22.1	24.1	109%	90% - 110%				
Cr					60.3	65.1	108%	90% - 110%								
Cu					150	153	102%	90% - 110%	88.6	85	96%	90% - 110%				
Fe	4.34	4.21	97%	90% - 110%	3.77	3.75	99%	90% - 110%	7.56	7.17	95%	90% - 110%	4.34	4.11	95%	90% - 110%
Ga	35	37	105%	90% - 110%									35	37	106%	90% - 110%
K	1.37	1.49	109%	90% - 110%					2.021	2.054	102%	90% - 110%	1.37	1.44	105%	90% - 110%
La	58	55	94%	90% - 110%	44	44	99%	90% - 110%					58	53	92%	90% - 110%
Li	37	39	106%	90% - 110%	47	49	104%	90% - 110%					37	39	105%	90% - 110%
Mg	0.325	0.314	97%	90% - 110%	1.10	1.13	103%	90% - 110%	2.412	2.415	100%	90% - 110%	0.325	0.305	94%	90% - 110%
Mn					780	791	101%	90% - 110%	1510	1463	97%	90% - 110%				
Mo					14	13	91%	90% - 110%								
Na	5.267	5.666	108%	90% - 110%	1.624	1.769	109%	90% - 110%	0.617	0.642	104%	90% - 110%	5.267	5.585	106%	90% - 110%
Ni	9	8	88%	90% - 110%	32	34	105%	90% - 110%	77.1	78.7	102%	90% - 110%				
P					750	794	106%	90% - 110%	892	967	108%	90% - 110%				
Pb					31	25	79%	90% - 110%								
S									0.348	0.346	99%	90% - 110%				
Sc	1.1	0.9	82%	90% - 110%	12	12	100%	90% - 110%					1.1	0.9	79%	90% - 110%
Sr	1191	1195	100%	90% - 110%	144	150	104%	90% - 110%	92.8	85.9	93%	90% - 110%	1191	1173	99%	90% - 110%
Ti	0.172	0.17	99%	90% - 110%	0.53	0.49	92%	90% - 110%					0.172	0.164	95%	90% - 110%
V	8	7	82%	90% - 110%	77	77	100%	90% - 110%					8	6	72%	90% - 110%
Y	119	123	103%	90% - 110%									119	118	99%	90% - 110%
Zn	93	97	104%	90% - 110%	130	127	98%	90% - 110%	208	210	101%	90% - 110%	93	95	102%	90% - 110%

**(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)**

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.1P5R)				CRM #4 (ref.GSP7M)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits



**AGAT** Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 19T480319

PROJECT: AGAT00660

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Au	5.27	5.28	100%	90% - 110%	6.87	6.43	94%	90% - 110%	1.81	1.72	95%	90% - 110%	0.725	0.751	104%	90% - 110%
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## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00660  
 SAMPLING SITE:

AGAT WORK ORDER: 19T480319  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00661

AGAT WORK ORDER: 19T480504

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jul 02, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.





## Certificate of Analysis

AGAT WORK ORDER: 19T480504

PROJECT: AGAT00661

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Jun 14, 2019      DATE RECEIVED: Jun 15, 2019      DATE REPORTED: Jul 02, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D73145 (278362)		1.36
D73146 (278363)		0.07
D73147 (278364)		1.03
D73148 (278365)		1.31
D73149 (278366)		1.17
D73150 (278367)		1.96
D73151 (278368)		2.36
D73152 (278369)		0.55
D73153 (278370)		2.10
D73154 (278371)		1.00
D73155 (278372)		1.75
D73156 (278373)		2.25
D73157 (278374)		2.36
D73158 (278375)		2.36
D73159 (278376)		1.05
D73160 (278377)		1.43
D73161 (278378)		2.38
D73162 (278379)		2.37
D73163 (278380)		2.17
D73164 (278381)		2.23
D73165 (278382)		1.37
D73166 (278383)		0.07
D73167 (278384)		0.99
D73168 (278385)		1.21
D73169 (278386)		1.82
D73170 (278387)		1.46
D73171 (278388)		1.42
D73172 (278389)		0.59
D73173 (278390)		0.99
D73174 (278391)		1.48
D73175 (278392)		1.43

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T480504

PROJECT: AGAT00661

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (200-) Sample Login Weight

DATE SAMPLED: Jun 14, 2019


DATE RECEIVED: Jun 15, 2019

DATE REPORTED: Jul 02, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D73176 (278393)		1.11
D73177 (278394)		0.91
D73178 (278395)		0.91
D73179 (278396)		2.01
D73180 (278397)		1.93
D73181 (278398)		1.63
D73182 (278399)		1.80
D73183 (278400)		1.54
D73184 (278401)		1.20
D73185 (278402)		1.51
D73186 (278403)		0.07
D73187 (278404)		1.97
D73188 (278405)		2.59
D73189 (278406)		1.05
D73190 (278407)		0.72
D73191 (278408)		1.68
D73192 (278409)		0.60
D73193 (278410)		1.39
D73194 (278411)		1.23
D73195 (278412)		1.70
D73196 (278413)		1.43
D73197 (278414)		1.74
D73198 (278415)		1.74
D73199 (278416)		1.47
D73200 (278417)		1.13
D73201 (278418)		1.18
D73202 (278419)		0.99
D73203 (278420)		1.10
D73204 (278421)		1.11
D73205 (278422)		2.11
D73206 (278423)		0.07

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T480504

PROJECT: AGAT00661

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Jun 14, 2019	DATE RECEIVED: Jun 15, 2019	DATE REPORTED: Jul 02, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D73207 (278424)		1.30
D73208 (278425)		1.01
D73209 (278426)		2.03
D73210 (278427)		1.11
D73211 (278428)		1.83
D73212 (278429)		0.59
D73213 (278430)		0.90
D73214 (278431)		0.86
D73215 (278432)		1.00
D73216 (278433)		1.82

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T480504

PROJECT: AGAT00661

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 14, 2019	DATE RECEIVED: Jun 15, 2019						DATE REPORTED: Jul 02, 2019					SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D73145 (278362)	<0.5	8.04	<1	341	0.8	<1	2.66	<0.5	49	10.2	162	40.7	3.86	21	
D73146 (278363)	<0.5	7.43	<1	142	<0.5	<1	6.64	<0.5	2	39.8	143	156	7.76	28	
D73147 (278364)	<0.5	6.93	<1	1000	1.1	<1	1.64	<0.5	13	3.7	141	41.9	1.38	13	
D73148 (278365)	<0.5	7.66	<1	364	0.9	<1	2.32	<0.5	116	7.6	342	41.4	3.50	23	
D73149 (278366)	<0.5	7.55	<1	247	0.7	<1	3.31	<0.5	37	14.1	230	23.6	4.64	20	
D73150 (278367)	<0.5	7.69	<1	374	0.5	<1	3.52	<0.5	35	13.9	308	26.3	5.07	22	
D73151 (278368)	<0.5	7.54	<1	353	1.1	<1	4.00	<0.5	30	13.9	159	31.2	4.53	21	
D73152 (278369)	<0.5	0.09	1	12	<0.5	<1	29.9	<0.5	<1	<0.5	7.3	<0.5	0.12	<5	
D73153 (278370)	<0.5	8.17	<1	351	<0.5	<1	4.64	<0.5	29	13.0	129	11.9	4.64	22	
D73154 (278371)	<0.5	7.10	<1	428	<0.5	<1	3.60	<0.5	46	11.5	177	9.6	3.90	20	
D73155 (278372)	<0.5	4.18	<1	687	<0.5	<1	8.17	<0.5	118	39.5	458	115	8.25	34	
D73156 (278373)	<0.5	7.93	<1	342	0.5	<1	4.10	<0.5	38	14.7	200	40.9	4.69	21	
D73157 (278374)	<0.5	7.63	<1	289	0.8	<1	3.46	<0.5	39	8.9	180	11.5	4.16	21	
D73158 (278375)	<0.5	7.47	<1	282	0.8	<1	3.49	<0.5	38	9.3	385	12.6	4.42	21	
D73159 (278376)	<0.5	7.91	<1	255	1.3	<1	2.40	<0.5	42	4.6	149	33.1	2.71	23	
D73160 (278377)	<0.5	7.75	<1	440	0.5	<1	3.39	<0.5	50	14.1	340	51.6	4.77	23	
D73161 (278378)	<0.5	8.11	<1	412	<0.5	<1	3.72	<0.5	37	12.0	174	45.8	4.73	22	
D73162 (278379)	<0.5	7.40	<1	456	0.5	<1	3.71	<0.5	30	12.9	372	26.6	4.82	22	
D73163 (278380)	<0.5	6.91	<1	405	0.9	<1	3.41	<0.5	29	13.9	183	10.4	4.63	21	
D73164 (278381)	<0.5	7.87	<1	291	1.3	<1	4.48	<0.5	43	12.2	256	3.3	4.53	23	
D73165 (278382)	<0.5	6.81	<1	101	1.3	<1	2.15	<0.5	6	4.6	175	40.9	1.91	16	
D73166 (278383)	<0.5	7.23	<1	137	<0.5	<1	6.43	<0.5	2	39.3	133	150	7.56	29	
D73167 (278384)	<0.5	7.82	<1	200	0.9	<1	2.18	<0.5	78	8.3	320	8.9	4.10	24	
D73168 (278385)	<0.5	7.82	<1	207	1.1	<1	2.47	<0.5	36	10.6	180	4.1	4.19	24	
D73169 (278386)	<0.5	7.97	<1	174	1.5	<1	2.40	<0.5	37	9.9	307	8.1	3.90	25	
D73170 (278387)	<0.5	7.93	<1	188	2.7	<1	2.83	<0.5	41	9.7	146	29.7	3.12	23	
D73171 (278388)	<0.5	8.35	<1	244	1.7	<1	2.96	<0.5	37	12.2	140	0.9	4.54	25	
D73172 (278389)	<0.5	0.10	<1	15	<0.5	<1	30.8	<0.5	<1	0.6	12.0	<0.5	0.12	<5	
D73173 (278390)	<0.5	7.73	<1	124	1.6	<1	2.54	<0.5	18	7.2	126	65.0	2.25	21	
D73174 (278391)	<0.5	7.87	<1	173	3.3	<1	2.70	<0.5	62	19.6	185	82.9	4.90	27	
D73175 (278392)	<0.5	7.90	<1	157	1.5	<1	2.53	<0.5	8	5.8	152	59.2	2.48	21	
D73176 (278393)	<0.5	8.25	<1	242	1.3	<1	3.24	<0.5	26	14.3	393	89.3	5.43	24	

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T480504

PROJECT: AGAT00661

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 14, 2019	DATE RECEIVED: Jun 15, 2019							DATE REPORTED: Jul 02, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D73177 (278394)	<0.5	7.97	<1	211	1.1	<1	2.66	<0.5	37	8.1	185	66.0	3.35	23	
D73178 (278395)	<0.5	7.91	<1	212	1.1	<1	2.64	<0.5	36	8.5	352	62.0	3.64	24	
D73179 (278396)	<0.5	7.82	<1	269	0.5	<1	3.59	<0.5	28	10.4	173	47.2	4.48	22	
D73180 (278397)	<0.5	7.46	<1	301	<0.5	<1	3.38	<0.5	30	15.0	299	18.6	4.83	22	
D73181 (278398)	<0.5	7.38	<1	313	<0.5	<1	4.13	<0.5	34	19.4	168	12.9	4.89	23	
D73182 (278399)	<0.5	2.79	<1	436	<0.5	<1	5.74	<0.5	67	59.5	732	79.3	7.08	26	
D73183 (278400)	<0.5	7.41	<1	207	0.6	<1	5.91	<0.5	29	30.6	269	13.5	5.55	21	
D73184 (278401)	<0.5	6.62	<1	136	0.8	<1	6.22	<0.5	34	40.5	517	1.0	6.08	22	
D73185 (278402)	<0.5	6.29	<1	142	1.0	<1	5.89	<0.5	30	37.8	518	<0.5	6.90	26	
D73186 (278403)	<0.5	7.47	3	85	<0.5	<1	7.18	<0.5	2	38.5	143	161	7.28	28	
D73187 (278404)	<0.5	7.74	<1	363	1.0	<1	3.39	<0.5	29	13.1	262	19.4	4.08	21	
D73188 (278405)	<0.5	7.69	<1	353	0.7	<1	4.12	<0.5	28	23.9	222	30.2	5.21	23	
D73189 (278406)	<0.5	5.22	<1	552	<0.5	<1	5.36	<0.5	12	79.9	1310	73.4	10.3	37	
D73190 (278407)	<0.5	7.99	<1	195	1.8	<1	3.39	<0.5	21	10.5	166	11.4	2.68	21	
D73191 (278408)	<0.5	8.01	<1	280	1.4	<1	5.22	<0.5	29	131	118	11.8	4.54	22	
D73192 (278409)	<0.5	0.06	<1	12	<0.5	<1	31.3	<0.5	<1	3.7	3.1	<0.5	0.10	<5	
D73193 (278410)	<0.5	7.89	<1	274	0.9	<1	5.40	<0.5	33	22.6	100	13.5	4.78	22	
D73194 (278411)	<0.5	5.66	<1	141	2.0	<1	2.37	<0.5	26	6.4	35.6	23.3	1.85	14	
D73195 (278412)	<0.5	7.68	<1	213	1.0	<1	4.29	<0.5	31	12.2	70.9	21.0	3.65	20	
D73196 (278413)	<0.5	8.09	<1	250	1.3	<1	3.34	<0.5	26	7.6	48.4	26.7	3.30	21	
D73197 (278414)	<0.5	8.56	<1	223	1.6	<1	2.79	1.1	50	5.9	39.9	49.1	4.10	25	
D73198 (278415)	<0.5	8.76	<1	228	1.7	<1	2.84	1.2	49	6.3	41.4	53.1	4.27	26	
D73199 (278416)	<0.5	8.78	<1	184	1.8	<1	2.91	<0.5	79	0.9	24.8	4.4	1.38	19	
D73200 (278417)	<0.5	7.46	<1	202	1.4	<1	2.42	<0.5	36	2.6	30.7	9.5	2.26	20	
D73201 (278418)	<0.5	7.60	<1	141	1.6	<1	2.47	<0.5	33	3.9	29.3	21.1	2.21	19	
D73202 (278419)	<0.5	7.69	<1	214	1.4	<1	2.42	<0.5	54	1.6	25.9	4.3	1.98	20	
D73203 (278420)	<0.5	7.19	<1	201	1.4	<1	2.31	<0.5	65	1.4	29.3	3.7	1.85	18	
D73204 (278421)	<0.5	7.98	<1	312	0.8	<1	3.21	<0.5	57	3.4	27.8	1.6	3.47	20	
D73205 (278422)	<0.5	7.76	<1	269	0.6	<1	2.80	<0.5	49	4.5	27.3	1.8	3.84	21	
D73206 (278423)	<0.5	7.55	<1	186	<0.5	<1	6.30	<0.5	11	37.5	140	102	7.68	29	
D73207 (278424)	<0.5	7.75	<1	263	0.9	<1	2.69	<0.5	45	3.6	21.7	3.9	3.63	21	
D73208 (278425)	<0.5	7.74	<1	292	0.6	<1	2.82	<0.5	52	3.9	20.5	7.1	4.08	21	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T480504

PROJECT: AGAT00661

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 14, 2019		DATE RECEIVED: Jun 15, 2019					DATE REPORTED: Jul 02, 2019					SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D73209 (278426)		<0.5	7.98	<1	328	0.6	<1	3.09	<0.5	51	3.9	24.8	20.8	4.25	21
D73210 (278427)		<0.5	4.53	<1	248	<0.5	<1	7.80	<0.5	7	66.9	896	56.5	9.38	34
D73211 (278428)		<0.5	7.44	4	230	0.6	<1	3.93	<0.5	21	53.2	671	58.7	5.12	19
D73212 (278429)		<0.5	0.10	<1	14	<0.5	<1	30.9	<0.5	<1	0.5	6.6	<0.5	0.17	<5
D73213 (278430)		<0.5	6.67	<1	208	1.1	<1	2.56	<0.5	45	11.5	32.9	20.4	3.02	18
D73214 (278431)		<0.5	6.72	<1	172	1.3	<1	2.33	<0.5	50	9.6	28.8	23.9	3.03	18
D73215 (278432)		<0.5	7.34	2	239	1.0	<1	4.01	<0.5	36	29.3	348	13.6	5.08	22
D73216 (278433)		<0.5	8.07	<1	205	1.0	<1	2.77	<0.5	58	7.3	26.1	7.5	1.14	14

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 14, 2019	DATE RECEIVED: Jun 15, 2019					DATE REPORTED: Jul 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D73145 (278362)	<1	1.52	22	36	0.77	557	3.9	2.55	20.2	662	<20	<50	0.35	<1	
D73146 (278363)	<1	0.21	3	13	4.20	1390	1.8	2.36	86.8	460	<20	<50	0.17	1	
D73147 (278364)	<1	2.53	6	9	0.18	147	31.4	2.41	11.7	90	47	<50	0.27	1	
D73148 (278365)	<1	1.62	51	33	0.75	835	4.5	2.69	19.2	1200	<20	<50	0.23	2	
D73149 (278366)	<1	0.96	16	23	0.83	1110	4.4	2.32	27.9	636	<20	<50	0.13	2	
D73150 (278367)	<1	1.45	16	38	1.60	935	4.1	2.03	29.1	661	<20	<50	0.12	3	
D73151 (278368)	<1	1.53	14	44	1.75	801	6.2	2.08	24.9	637	<20	<50	0.09	3	
D73152 (278369)	<1	0.02	2	1	2.95	134	<0.5	0.04	0.7	96	<20	<50	0.07	1	
D73153 (278370)	<1	1.15	14	21	1.80	795	2.8	1.92	25.0	705	<20	<50	0.05	1	
D73154 (278371)	<1	1.45	23	24	1.46	783	3.2	1.95	25.2	923	<20	<50	0.04	<1	
D73155 (278372)	<1	2.26	68	43	6.84	1450	4.6	1.54	278	2860	<20	<50	0.19	1	
D73156 (278373)	<1	1.45	18	26	1.63	847	3.4	1.93	33.7	723	<20	<50	0.11	<1	
D73157 (278374)	<1	1.57	18	43	1.43	863	3.6	1.82	14.9	701	<20	<50	0.05	2	
D73158 (278375)	<1	1.53	18	42	1.41	876	4.6	1.82	20.7	689	<20	<50	0.05	3	
D73159 (278376)	<1	1.40	20	42	0.83	394	3.9	2.85	14.5	71	<20	<50	0.13	1	
D73160 (278377)	<1	1.68	22	48	1.45	834	4.1	1.71	29.1	721	<20	<50	0.26	3	
D73161 (278378)	<1	1.67	18	35	1.30	831	2.8	1.68	18.3	766	<20	<50	0.24	2	
D73162 (278379)	<1	1.37	15	32	1.23	795	4.0	1.38	24.0	688	<20	<50	0.10	3	
D73163 (278380)	<1	1.27	14	32	1.27	712	2.9	1.32	21.3	677	<20	<50	0.05	2	
D73164 (278381)	<1	1.42	21	29	1.51	850	3.4	1.45	19.6	708	<20	<50	0.03	3	
D73165 (278382)	<1	0.96	3	17	0.45	267	24.7	2.53	13.1	67	48	<50	0.13	<1	
D73166 (278383)	<1	0.21	3	13	4.13	1350	1.5	2.31	84.7	445	<20	<50	0.16	2	
D73167 (278384)	<1	2.13	37	51	1.23	625	4.0	2.37	19.1	422	<20	<50	0.05	3	
D73168 (278385)	<1	2.16	18	57	1.33	846	3.5	2.19	19.0	625	<20	<50	0.04	<1	
D73169 (278386)	<1	2.09	18	51	1.32	789	3.3	2.33	25.7	412	<20	<50	0.05	2	
D73170 (278387)	<1	1.82	19	43	1.00	595	2.8	2.43	16.9	527	<20	<50	0.14	2	
D73171 (278388)	<1	2.31	19	57	1.62	1030	2.9	2.19	24.0	1120	<20	<50	0.04	2	
D73172 (278389)	<1	0.02	<2	<1	1.88	137	<0.5	0.06	<0.5	101	<20	<50	0.08	<1	
D73173 (278390)	<1	1.10	10	25	0.60	308	3.0	2.86	16.4	43	<20	<50	0.40	<1	
D73174 (278391)	<1	2.31	29	66	1.78	903	5.7	1.84	23.6	660	<20	<50	0.63	1	
D73175 (278392)	<1	1.20	5	26	0.60	364	3.5	2.88	16.9	186	<20	<50	0.39	1	
D73176 (278393)	<1	2.23	13	50	1.63	1120	3.7	1.90	42.4	714	<20	<50	0.55	2	

Certified By:



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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 14, 2019

DATE RECEIVED: Jun 15, 2019

DATE REPORTED: Jul 02, 2019

SAMPLE TYPE: Drill Core

Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D73177 (278394)	<1	1.62	18	33	1.05	562	3.0	2.47	27.3	276	<20	<50	0.35	2
D73178 (278395)	<1	1.64	18	34	1.06	588	3.8	2.41	32.0	281	<20	<50	0.36	2
D73179 (278396)	<1	1.67	14	33	1.46	969	2.7	1.71	28.4	655	<20	<50	0.26	<1
D73180 (278397)	<1	1.57	14	30	1.87	794	3.4	1.66	29.2	784	<20	<50	0.09	2
D73181 (278398)	<1	1.37	17	21	2.82	854	2.7	1.82	99.8	878	<20	<50	0.07	2
D73182 (278399)	<1	1.03	38	44	11.9	1200	3.0	0.35	716	2060	<20	<50	0.18	6
D73183 (278400)	<1	1.03	14	21	4.06	1050	11.7	1.57	131	462	<20	<50	0.08	2
D73184 (278401)	<1	1.02	15	25	5.70	1290	15.3	1.19	230	613	<20	<50	0.04	5
D73185 (278402)	<1	1.16	12	34	5.37	2130	32.3	1.13	242	670	<20	<50	0.04	5
D73186 (278403)	<1	0.25	3	14	4.35	1310	2.1	1.71	96.3	396	<20	<50	0.25	2
D73187 (278404)	<1	1.79	14	32	1.96	819	4.9	1.73	34.9	682	<20	<50	0.10	2
D73188 (278405)	<1	1.65	14	32	2.96	1180	4.1	1.47	120	658	<20	<50	0.15	3
D73189 (278406)	<1	3.22	7	156	8.66	2280	3.2	0.57	914	1210	<20	60	0.45	11
D73190 (278407)	<1	0.85	10	38	1.10	888	16.6	2.37	58.1	567	<20	<50	0.10	<1
D73191 (278408)	<1	1.04	14	29	1.84	2190	3.9	1.17	93.2	520	<20	<50	0.12	<1
D73192 (278409)	<1	<0.01	<2	<1	1.99	125	<0.5	0.03	0.6	71	<20	<50	0.09	2
D73193 (278410)	<1	1.02	17	34	2.01	2250	6.6	1.00	96.0	544	<20	<50	0.23	<1
D73194 (278411)	<1	0.67	12	23	0.44	842	8.9	1.77	26.3	738	<20	<50	0.36	<1
D73195 (278412)	<1	1.11	15	31	1.34	2150	7.2	1.32	51.5	571	<20	<50	0.48	<1
D73196 (278413)	<1	1.22	13	31	0.77	1380	7.6	2.45	27.5	709	<20	<50	0.92	1
D73197 (278414)	<1	1.30	22	35	0.60	526	9.2	3.11	11.9	519	<20	<50	1.35	1
D73198 (278415)	<1	1.32	23	35	0.61	522	7.6	3.18	12.0	515	<20	<50	1.41	<1
D73199 (278416)	<1	1.00	37	22	0.32	257	7.1	3.44	3.4	182	<20	<50	0.17	<1
D73200 (278417)	<1	1.26	17	30	0.50	358	6.8	2.77	5.8	438	<20	<50	0.44	<1
D73201 (278418)	<1	0.88	16	18	0.32	230	6.5	2.98	6.5	141	<20	<50	0.71	<1
D73202 (278419)	<1	1.51	25	36	0.48	321	6.6	2.90	3.0	100	<20	<50	0.22	<1
D73203 (278420)	<1	1.54	30	35	0.43	320	7.5	2.75	2.7	216	<20	<50	0.16	<1
D73204 (278421)	<1	1.19	25	47	0.74	707	6.9	2.25	6.1	838	<20	<50	0.11	<1
D73205 (278422)	<1	1.34	21	56	0.72	1010	6.6	2.35	4.8	999	21	<50	0.11	2
D73206 (278423)	<1	0.46	9	11	4.23	1350	2.2	2.39	106	953	<20	<50	0.11	1
D73207 (278424)	<1	1.27	20	50	0.61	1020	6.0	2.58	1.4	1030	<20	<50	0.09	<1
D73208 (278425)	<1	1.34	22	54	0.72	1270	6.7	2.38	1.7	1080	<20	<50	0.12	2

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T480504

PROJECT: AGAT00661

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 14, 2019

DATE RECEIVED: Jun 15, 2019

DATE REPORTED: Jul 02, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D73209 (278426)		<1	1.31	23	46	0.70	1090	6.9	2.45	3.5	1100	<20	<50	0.19	1
D73210 (278427)		<1	0.45	6	42	7.60	1910	6.2	0.71	530	391	<20	<50	0.27	8
D73211 (278428)		<1	1.11	10	56	2.99	835	4.8	1.95	310	614	<20	<50	1.25	6
D73212 (278429)		<1	0.03	<2	1	2.44	129	0.6	0.05	1.5	77	<20	<50	0.09	1
D73213 (278430)		<1	1.03	20	34	0.52	444	7.1	2.51	14.6	287	<20	<50	1.18	<1
D73214 (278431)		<1	0.81	22	17	0.50	196	7.8	2.41	8.3	221	<20	<50	1.24	1
D73215 (278432)		<1	2.33	16	51	4.27	1140	5.8	1.58	166	501	<20	<50	0.91	2
D73216 (278433)		<1	0.74	26	11	0.56	175	7.0	3.12	9.8	321	<20	<50	0.34	<1

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 14, 2019

DATE RECEIVED: Jun 15, 2019

DATE REPORTED: Jul 02, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D73145 (278362)	12	<10	<5	185	<10	<10	<5	0.40	<5	<50	60.5	<1	19	131
D73146 (278363)	46	<10	<5	113	<10	<10	<5	0.66	<5	<50	308	<1	24	77.5
D73147 (278364)	2	<10	<5	179	<10	<10	10	0.07	<5	51	10.5	<1	4	43.0
D73148 (278365)	11	<10	<5	165	<10	<10	19	0.36	<5	<50	46.2	<1	28	178
D73149 (278366)	18	<10	<5	131	<10	<10	<5	0.38	<5	<50	68.7	<1	29	104
D73150 (278367)	16	<10	<5	204	<10	<10	<5	0.39	<5	<50	83.1	<1	26	72.4
D73151 (278368)	18	<10	<5	204	<10	<10	<5	0.39	<5	<50	96.1	<1	25	78.7
D73152 (278369)	<1	<10	<5	66	<10	<10	<5	<0.01	<5	<50	1.4	<1	3	3.0
D73153 (278370)	17	<10	<5	236	<10	<10	<5	0.44	<5	<50	106	<1	23	73.2
D73154 (278371)	13	<10	<5	273	<10	<10	<5	0.54	<5	<50	71.8	<1	25	65.1
D73155 (278372)	28	<10	<5	905	<10	<10	<5	2.38	<5	<50	368	<1	29	93.1
D73156 (278373)	18	<10	<5	236	<10	<10	<5	0.44	<5	<50	98.8	<1	26	80.4
D73157 (278374)	16	<10	<5	190	<10	<10	<5	0.39	<5	<50	68.6	<1	32	97.1
D73158 (278375)	15	<10	<5	191	<10	<10	<5	0.39	<5	<50	70.2	<1	31	96.0
D73159 (278376)	8	<10	<5	179	<10	<10	11	0.28	<5	<50	39.4	<1	7	135
D73160 (278377)	16	<10	<5	224	<10	<10	<5	0.42	<5	<50	92.9	<1	26	108
D73161 (278378)	17	<10	<5	215	<10	<10	<5	0.45	<5	<50	90.7	<1	27	73.1
D73162 (278379)	14	<10	<5	195	<10	<10	<5	0.41	<5	<50	93.5	<1	24	72.7
D73163 (278380)	15	<10	<5	160	<10	<10	<5	0.39	<5	<50	83.6	<1	24	76.0
D73164 (278381)	18	<10	<5	176	<10	<10	<5	0.43	<5	<50	90.4	<1	26	106
D73165 (278382)	6	<10	<5	119	<10	<10	<5	0.16	<5	89	29.5	<1	6	106
D73166 (278383)	46	<10	<5	111	<10	<10	<5	0.64	<5	<50	305	<1	24	76.4
D73167 (278384)	16	<10	<5	122	<10	<10	19	0.44	<5	<50	81.0	<1	13	277
D73168 (278385)	18	<10	<5	122	<10	<10	<5	0.46	<5	<50	91.3	<1	19	224
D73169 (278386)	17	<10	<5	119	<10	<10	<5	0.38	<5	<50	82.9	<1	18	216
D73170 (278387)	15	<10	<5	144	<10	<10	<5	0.29	<5	<50	67.3	<1	22	117
D73171 (278388)	18	<10	<5	134	<10	<10	<5	0.44	<5	<50	104	<1	28	202
D73172 (278389)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	2.3
D73173 (278390)	8	<10	<5	140	<10	<10	<5	0.19	<5	<50	40.2	<1	5	123
D73174 (278391)	17	<10	<5	107	<10	<10	<5	0.39	<5	<50	86.3	<1	22	235
D73175 (278392)	7	<10	<5	158	<10	<10	<5	0.21	<5	<50	37.4	<1	4	131
D73176 (278393)	21	<10	<5	132	<10	<10	<5	0.43	<5	<50	135	<1	24	189

Certified By:



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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 14, 2019	DATE RECEIVED: Jun 15, 2019					DATE REPORTED: Jul 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D73177 (278394)	13	<10	<5	150	<10	<10	<5	0.35	<5	<50	85.8	<1	8	148	
D73178 (278395)	14	<10	<5	148	<10	<10	<5	0.35	<5	<50	88.7	<1	8	149	
D73179 (278396)	17	<10	<5	183	<10	<10	<5	0.43	<5	<50	110	<1	22	92.6	
D73180 (278397)	16	<10	<5	187	<10	<10	<5	0.43	<5	<50	96.6	<1	27	80.1	
D73181 (278398)	17	<10	<5	231	<10	<10	<5	0.50	<5	<50	103	<1	27	73.8	
D73182 (278399)	18	<10	<5	590	<10	<10	<5	1.50	<5	<50	189	<1	19	79.7	
D73183 (278400)	24	<10	<5	176	<10	<10	<5	0.37	<5	<50	133	<1	17	79.5	
D73184 (278401)	25	<10	<5	101	<10	<10	<5	0.34	<5	<50	135	<1	19	92.2	
D73185 (278402)	26	<10	<5	73	<10	<10	<5	0.34	<5	<50	142	<1	29	144	
D73186 (278403)	43	<10	<5	175	<10	<10	<5	0.58	<5	<50	279	<1	22	76.1	
D73187 (278404)	14	<10	<5	199	<10	<10	<5	0.36	<5	<50	78.9	<1	19	118	
D73188 (278405)	21	<10	<5	203	<10	<10	<5	0.41	<5	<50	114	<1	27	102	
D73189 (278406)	28	<10	<5	61	<10	<10	<5	0.60	<5	<50	162	20	26	359	
D73190 (278407)	10	<10	<5	198	<10	<10	<5	0.22	<5	<50	48.9	<1	19	91.2	
D73191 (278408)	21	<10	<5	194	<10	<10	<5	0.32	<5	<50	107	435	23	123	
D73192 (278409)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.2	1	2	2.5	
D73193 (278410)	19	<10	<5	178	<10	<10	<5	0.34	<5	<50	112	<1	20	161	
D73194 (278411)	6	<10	<5	115	<10	<10	<5	0.13	<5	<50	23.9	<1	19	120	
D73195 (278412)	15	<10	<5	106	<10	<10	<5	0.30	<5	<50	63.2	<1	26	158	
D73196 (278413)	10	<10	<5	144	<10	<10	<5	0.24	<5	<50	40.6	<1	18	290	
D73197 (278414)	8	<10	<5	183	<10	<10	<5	0.22	<5	<50	22.0	<1	11	761	
D73198 (278415)	8	<10	5	187	<10	<10	<5	0.23	<5	<50	22.0	<1	12	773	
D73199 (278416)	4	<10	<5	207	<10	<10	21	0.12	<5	<50	10.2	<1	7	169	
D73200 (278417)	6	<10	<5	164	<10	<10	<5	0.18	<5	<50	16.3	<1	8	194	
D73201 (278418)	3	<10	<5	174	<10	<10	5	0.12	<5	<50	10.8	<1	4	125	
D73202 (278419)	6	<10	<5	170	<10	<10	11	0.18	<5	<50	17.7	<1	5	145	
D73203 (278420)	6	<10	<5	152	<10	<10	14	0.17	<5	<50	17.7	<1	8	111	
D73204 (278421)	11	<10	<5	181	<10	<10	<5	0.32	<5	<50	20.1	<1	29	119	
D73205 (278422)	13	<10	<5	175	<10	<10	<5	0.34	<5	<50	18.9	<1	33	160	
D73206 (278423)	35	<10	<5	253	<10	<10	<5	0.83	<5	<50	242	<1	24	89.4	
D73207 (278424)	11	<10	<5	189	<10	<10	<5	0.32	<5	<50	12.0	<1	28	127	
D73208 (278425)	13	<10	<5	195	<10	<10	<5	0.35	<5	<50	14.6	<1	34	112	

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## Certificate of Analysis

AGAT WORK ORDER: 19T480504

PROJECT: AGAT00661

5623 McADAM ROAD  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 14, 2019	DATE RECEIVED: Jun 15, 2019					DATE REPORTED: Jul 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D73209 (278426)	13	<10	<5	222	<10	<10	<5	0.36	<5	<50	16.6	<1	33	105	
D73210 (278427)	55	<10	<5	72	<10	<10	<5	0.73	<5	<50	282	<1	22	140	
D73211 (278428)	32	<10	<5	145	<10	<10	<5	0.28	<5	<50	159	<1	15	97.6	
D73212 (278429)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.6	<1	2	3.4	
D73213 (278430)	7	<10	<5	165	<10	<10	<5	0.16	<5	<50	25.5	<1	14	112	
D73214 (278431)	6	<10	<5	139	<10	<10	<5	0.14	<5	<50	17.7	<1	10	79.2	
D73215 (278432)	24	<10	<5	78	<10	<10	<5	0.29	<5	<50	123	<1	21	195	
D73216 (278433)	10	<10	<5	178	<10	<10	<5	0.13	<5	<50	34.2	<1	14	60.2	

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## Certificate of Analysis

AGAT WORK ORDER: 19T480504

PROJECT: AGAT00661

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 14, 2019      DATE RECEIVED: Jun 15, 2019      DATE REPORTED: Jul 02, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D73145 (278362)				232
D73146 (278363)				58
D73147 (278364)				147
D73148 (278365)				319
D73149 (278366)				192
D73150 (278367)				189
D73151 (278368)				183
D73152 (278369)				<5
D73153 (278370)				167
D73154 (278371)				219
D73155 (278372)				261
D73156 (278373)				169
D73157 (278374)				190
D73158 (278375)				190
D73159 (278376)				139
D73160 (278377)				175
D73161 (278378)				99
D73162 (278379)				118
D73163 (278380)				125
D73164 (278381)				154
D73165 (278382)				95
D73166 (278383)				56
D73167 (278384)				195
D73168 (278385)				192
D73169 (278386)				135
D73170 (278387)				125
D73171 (278388)				165
D73172 (278389)				<5
D73173 (278390)				82
D73174 (278391)				163
D73175 (278392)				110
D73176 (278393)				139

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# Certificate of Analysis

AGAT WORK ORDER: 19T480504

PROJECT: AGAT00661

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 14, 2019

DATE RECEIVED: Jun 15, 2019

DATE REPORTED: Jul 02, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D73177 (278394)			91
D73178 (278395)			91
D73179 (278396)			136
D73180 (278397)			163
D73181 (278398)			159
D73182 (278399)			230
D73183 (278400)			103
D73184 (278401)			104
D73185 (278402)			118
D73186 (278403)			60
D73187 (278404)			153
D73188 (278405)			156
D73189 (278406)			110
D73190 (278407)			97
D73191 (278408)			91
D73192 (278409)			<5
D73193 (278410)			70
D73194 (278411)			54
D73195 (278412)			70
D73196 (278413)			85
D73197 (278414)			205
D73198 (278415)			200
D73199 (278416)			91
D73200 (278417)			123
D73201 (278418)			204
D73202 (278419)			126
D73203 (278420)			181
D73204 (278421)			147
D73205 (278422)			185
D73206 (278423)			97
D73207 (278424)			175
D73208 (278425)			210

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## Certificate of Analysis

AGAT WORK ORDER: 19T480504

PROJECT: AGAT00661

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 14, 2019      DATE RECEIVED: Jun 15, 2019      DATE REPORTED: Jul 02, 2019      SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D73209 (278426)	211
D73210 (278427)	33
D73211 (278428)	58
D73212 (278429)	<5
D73213 (278430)	184
D73214 (278431)	252
D73215 (278432)	123
D73216 (278433)	171

Comments: RDL - Reported Detection Limit  
 278362-278433 As, Sb values may be low due to digestion losses.  
 Analysis performed at AGAT Toronto (unless marked by \*)

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## Certificate of Analysis

AGAT WORK ORDER: 19T480504

PROJECT: AGAT00661

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 14, 2019      DATE RECEIVED: Jun 15, 2019      DATE REPORTED: Jul 02, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au	ppm	0.001	
D73145 (278362)				0.029
D73146 (278363)				0.532
D73147 (278364)				0.050
D73148 (278365)				0.005
D73149 (278366)				0.002
D73150 (278367)				0.003
D73151 (278368)				0.004
D73152 (278369)				0.003
D73153 (278370)				0.003
D73154 (278371)				0.003
D73155 (278372)				0.006
D73156 (278373)				0.003
D73157 (278374)				0.003
D73158 (278375)				0.003
D73159 (278376)				0.005
D73160 (278377)				0.004
D73161 (278378)				0.004
D73162 (278379)				0.003
D73163 (278380)				0.003
D73164 (278381)				0.005
D73165 (278382)				0.002
D73166 (278383)				0.520
D73167 (278384)				0.002
D73168 (278385)				0.002
D73169 (278386)				0.002
D73170 (278387)				0.003
D73171 (278388)				0.002
D73172 (278389)				0.001
D73173 (278390)				0.002
D73174 (278391)				0.003
D73175 (278392)				0.002
D73176 (278393)				0.002

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## Certificate of Analysis

AGAT WORK ORDER: 19T480504

PROJECT: AGAT00661

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 14, 2019

DATE RECEIVED: Jun 15, 2019

DATE REPORTED: Jul 02, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D73177 (278394)			0.001
D73178 (278395)			0.001
D73179 (278396)			0.002
D73180 (278397)			0.001
D73181 (278398)			0.003
D73182 (278399)			0.037
D73183 (278400)			0.003
D73184 (278401)			0.002
D73185 (278402)			0.002
D73186 (278403)			1.22
D73187 (278404)			0.003
D73188 (278405)			0.003
D73189 (278406)			0.006
D73190 (278407)			<0.001
D73191 (278408)			0.032
D73192 (278409)			<0.001
D73193 (278410)			0.007
D73194 (278411)			0.004
D73195 (278412)			0.004
D73196 (278413)			0.008
D73197 (278414)			0.008
D73198 (278415)			0.009
D73199 (278416)			0.002
D73200 (278417)			0.003
D73201 (278418)			0.004
D73202 (278419)			0.002
D73203 (278420)			0.002
D73204 (278421)			0.012
D73205 (278422)			0.004
D73206 (278423)			0.322
D73207 (278424)			0.003
D73208 (278425)			0.003

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# Certificate of Analysis

AGAT WORK ORDER: 19T480504

PROJECT: AGAT00661

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 14, 2019

DATE RECEIVED: Jun 15, 2019

DATE REPORTED: Jul 02, 2019

SAMPLE TYPE: Drill Core

Analyte:	Au
Unit:	ppm
RDL:	0.001
Sample ID (AGAT ID)	
D73209 (278426)	0.003
D73210 (278427)	0.006
D73211 (278428)	0.036
D73212 (278429)	0.002
D73213 (278430)	0.003
D73214 (278431)	0.003
D73215 (278432)	0.005
D73216 (278433)	0.002

 Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T480504

PROJECT: AGAT00661

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Jun 14, 2019	DATE RECEIVED: Jun 15, 2019	DATE REPORTED: Jul 02, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D73145 (278362)		88.07
D73164 (278381)		83.16
D73169 (278386)		87.83
D73184 (278401)		87.84
D73193 (278410)		88.81
D73204 (278421)		90.80

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T480504

PROJECT: AGAT00661

 5623 McADAM ROAD  
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 FAX (905)501-0589  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jun 14, 2019

DATE RECEIVED: Jun 15, 2019

DATE REPORTED: Jul 02, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D73145 (278362)		97.6
D73173 (278390)		98
D73193 (278410)		96

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	278362	< 0.5	< 0.5	0.0%	278376	< 0.5	< 0.5	0.0%	278387	< 0.5	< 0.5	0.0%	278401	< 0.5	< 0.5	0.0%
Al	278362	8.04	7.69	4.5%	278376	7.91	8.12	2.6%	278387	7.93	7.79	1.8%	278401	6.62	6.64	0.3%
As	278362	< 1	< 1	0.0%	278376	< 1	< 1	0.0%	278387	< 1	< 1	0.0%	278401	< 1	< 1	0.0%
Ba	278362	341	321	6.0%	278376	255	260	1.9%	278387	188	182	3.2%	278401	136	136	0.0%
Be	278362	0.76	0.67	12.6%	278376	1.33	1.37	3.0%	278387	2.7	2.7	0.0%	278401	0.8	0.8	0.0%
Bi	278362	< 1	< 1	0.0%	278376	< 1	< 1	0.0%	278387	< 1	< 1	0.0%	278401	< 1	< 1	0.0%
Ca	278362	2.66	2.53	5.0%	278376	2.40	2.41	0.4%	278387	2.83	2.76	2.5%	278401	6.22	6.29	1.1%
Cd	278362	< 0.5	< 0.5	0.0%	278376	< 0.5	< 0.5	0.0%	278387	< 0.5	< 0.5	0.0%	278401	< 0.5	< 0.5	0.0%
Ce	278362	49	50	2.0%	278376	42	42	0.0%	278387	41	44	7.1%	278401	34	34	0.0%
Co	278362	10.2	11.1	8.5%	278376	4.6	4.6	0.0%	278387	9.71	10.5	7.8%	278401	40.5	40.0	1.2%
Cr	278362	162	172	6.0%	278376	149	153	2.6%	278387	146	150	2.7%	278401	517	495	4.3%
Cu	278362	40.7	40.9	0.5%	278376	33.1	34.3	3.6%	278387	29.7	30.0	1.0%	278401	1.0	0.8	22.2%
Fe	278362	3.86	3.88	0.5%	278376	2.71	2.71	0.0%	278387	3.12	3.28	5.0%	278401	6.08	6.16	1.3%
Ga	278362	21	21	0.0%	278376	23	24	4.3%	278387	23	22	4.4%	278401	22	23	4.4%
In	278362	< 1	< 1	0.0%	278376	< 1	< 1	0.0%	278387	< 1	< 1	0.0%	278401	< 1	< 1	0.0%
K	278362	1.52	1.47	3.3%	278376	1.40	1.39	0.7%	278387	1.82	1.79	1.7%	278401	1.02	1.01	1.0%
La	278362	22	23	4.4%	278376	20	20	0.0%	278387	19	20	5.1%	278401	15	15	0.0%
Li	278362	36	35	2.8%	278376	42	42	0.0%	278387	43	42	2.4%	278401	25	25	0.0%
Mg	278362	0.77	0.74	4.0%	278376	0.826	0.822	0.5%	278387	1.00	0.982	1.8%	278401	5.70	5.63	1.2%
Mn	278362	557	560	0.5%	278376	394	394	0.0%	278387	595	597	0.3%	278401	1290	1300	0.8%
Mo	278362	3.92	4.81	20.4%	278376	3.9	3.6	8.0%	278387	2.83	3.79	29.0%	278401	15.3	15.1	1.3%
Na	278362	2.55	2.40	6.1%	278376	2.85	2.87	0.7%	278387	2.43	2.36	2.9%	278401	1.19	1.21	1.7%
Ni	278362	20.2	25.8	24.3%	278376	14.5	14.9	2.7%	278387	16.9	22.2	27.1%	278401	230	230	0.0%
P	278362	662	675	1.9%	278376	71	70	1.4%	278387	527	518	1.7%	278401	613	617	0.7%
Pb	278362	< 20	< 20	0.0%	278376	< 20	< 20	0.0%	278387	< 20	< 20	0.0%	278401	< 20	< 20	0.0%
Rb	278362	< 50	< 50	0.0%	278376	< 50	< 50	0.0%	278387	< 50	< 50	0.0%	278401	< 50	< 50	0.0%
S	278362	0.347	0.333	4.1%	278376	0.13	0.13	0.0%	278387	0.142	0.133	6.5%	278401	0.04	0.04	0.0%
Sb	278362	< 1	2		278376	1	2		278387	2	2	0.0%	278401	5	5	0.0%
Sc	278362	12	11	8.7%	278376	8	9	11.8%	278387	15	14	6.9%	278401	25	25	0.0%
Se	278362	< 10	< 10	0.0%	278376	< 10	< 10	0.0%	278387	< 10	< 10	0.0%	278401	< 10	< 10	0.0%
Sn	278362	< 5	< 5	0.0%	278376	< 5	< 5	0.0%	278387	< 5	< 5	0.0%	278401	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	278362	185	174	6.1%	278376	179	180	0.6%	278387	144	140	2.8%	278401	101	103	2.0%
Ta	278362	< 10	< 10	0.0%	278376	< 10	< 10	0.0%	278387	< 10	< 10	0.0%	278401	< 10	< 10	0.0%
Te	278362	< 10	< 10	0.0%	278376	< 10	< 10	0.0%	278387	< 10	< 10	0.0%	278401	< 10	< 10	0.0%
Th	278362	< 5	< 5	0.0%	278376	11	11	0.0%	278387	< 5	< 5	0.0%	278401	< 5	< 5	0.0%
Ti	278362	0.40	0.38	5.1%	278376	0.28	0.28	0.0%	278387	0.289	0.274	5.3%	278401	0.34	0.34	0.0%
Tl	278362	< 5	< 5	0.0%	278376	< 5	< 5	0.0%	278387	< 5	< 5	0.0%	278401	< 5	< 5	0.0%
U	278362	< 50	< 50	0.0%	278376	< 50	< 50	0.0%	278387	< 50	< 50	0.0%	278401	< 50	< 50	0.0%
V	278362	60.5	61.0	0.8%	278376	39.4	40.0	1.5%	278387	67.3	68.7	2.1%	278401	135	135	0.0%
W	278362	< 1	< 1	0.0%	278376	< 1	< 1	0.0%	278387	< 1	< 1	0.0%	278401	< 1	< 1	0.0%
Y	278362	19	19	0.0%	278376	7	7	0.0%	278387	22	22	0.0%	278401	19	19	0.0%
Zn	278362	131	125	4.7%	278376	135	138	2.2%	278387	117	103	12.7%	278401	92.2	91.9	0.3%
Zr	278362	232	224	3.5%	278376	139	138	0.7%	278387	125	122	2.4%	278401	104	108	3.8%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	278412	< 0.5	< 0.5	0.0%	278426	< 0.5	< 0.5	0.0%								
Al	278412	7.68	7.86	2.3%	278426	7.98	8.28	3.7%								
As	278412	< 1	< 1	0.0%	278426	< 1	< 1	0.0%								
Ba	278412	213	216	1.4%	278426	328	334	1.8%								
Be	278412	1.0	1.0	0.0%	278426	0.63	0.65	3.1%								
Bi	278412	< 1	< 1	0.0%	278426	< 1	< 1	0.0%								
Ca	278412	4.29	4.39	2.3%	278426	3.09	3.17	2.6%								
Cd	278412	< 0.5	< 0.5	0.0%	278426	< 0.5	< 0.5	0.0%								
Ce	278412	31	31	0.0%	278426	51	52	1.9%								
Co	278412	12.2	12.4	1.6%	278426	3.92	3.64	7.4%								
Cr	278412	70.9	66.0	7.2%	278426	24.8	27.1	8.9%								
Cu	278412	21.0	21.5	2.4%	278426	20.8	22.5	7.9%								
Fe	278412	3.65	3.72	1.9%	278426	4.25	4.39	3.2%								
Ga	278412	20	20	0.0%	278426	21	22	4.7%								
In	278412	< 1	< 1	0.0%	278426	< 1	< 1	0.0%								
K	278412	1.11	1.10	0.9%	278426	1.31	1.36	3.7%								
La	278412	15	15	0.0%	278426	23	23	0.0%								
Li	278412	31	31	0.0%	278426	46	47	2.2%								
Mg	278412	1.34	1.35	0.7%	278426	0.70	0.72	2.8%								
Mn	278412	2150	2220	3.2%	278426	1090	1130	3.6%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	278412	7.19	6.82	5.3%	278426	6.9	7.4	7.0%								
Na	278412	1.32	1.34	1.5%	278426	2.45	2.53	3.2%								
Ni	278412	51.5	51.3	0.4%	278426	3.53	3.60	2.0%								
P	278412	571	566	0.9%	278426	1100	1120	1.8%								
Pb	278412	< 20	< 20	0.0%	278426	< 20	< 20	0.0%								
Rb	278412	< 50	< 50	0.0%	278426	< 50	< 50	0.0%								
S	278412	0.478	0.474	0.8%	278426	0.193	0.199	3.1%								
Sb	278412	< 1	1		278426	1	< 1									
Sc	278412	15	15	0.0%	278426	13	13	0.0%								
Se	278412	< 10	< 10	0.0%	278426	< 10	< 10	0.0%								
Sn	278412	< 5	< 5	0.0%	278426	< 5	< 5	0.0%								
Sr	278412	106	107	0.9%	278426	222	229	3.1%								
Ta	278412	< 10	< 10	0.0%	278426	< 10	< 10	0.0%								
Te	278412	< 10	< 10	0.0%	278426	< 10	< 10	0.0%								
Th	278412	< 5	< 5	0.0%	278426	< 5	< 5	0.0%								
Ti	278412	0.302	0.308	2.0%	278426	0.36	0.37	2.7%								
Tl	278412	< 5	< 5	0.0%	278426	< 5	< 5	0.0%								
U	278412	< 50	< 50	0.0%	278426	< 50	< 50	0.0%								
V	278412	63.2	63.8	0.9%	278426	16.6	16.9	1.8%								
W	278412	< 1	< 1	0.0%	278426	< 1	< 1	0.0%								
Y	278412	26	26	0.0%	278426	33	33	0.0%								
Zn	278412	158	159	0.6%	278426	105	109	3.7%								
Zr	278412	70	73	4.2%	278426	211	213	0.9%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	278362	0.029	0.006		278376	0.005	0.003		278387	0.003	0.003	0.0%	278401	0.002	0.001	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	278412	0.004	0.004	0.0%	278426	0.003	0.002									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

**(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish**

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	11.28	103%	90% - 110%	8.17	8.52	104%	90% - 110%	6.96	6.95	100%	90% - 110%	10.95	11.02	101%	90% - 110%
As					26	24	92%	90% - 110%	124	122	99%	90% - 110%				
Ba	340	324	95%	90% - 110%	540	532	98%	90% - 110%	186	175	94%	90% - 110%	340	330	97%	90% - 110%
Be	2.6	2.6	99%	90% - 110%	4.0	3.5	87%	90% - 110%					2.6	2.5	98%	90% - 110%
Ca	5.72	5.62	98%	90% - 110%	0.907	0.879	97%	90% - 110%	4.01	3.73	93%	90% - 110%	5.72	5.41	95%	90% - 110%
Ce	122	116	95%	90% - 110%	98	91	93%	90% - 110%	24	22	91%	90% - 110%	122	113	92%	90% - 110%
Co									22.1	20.6	93%	90% - 110%				
Cr					60.3	65.1	108%	90% - 110%								
Cu					150	154	102%	90% - 110%	88.6	83.3	94%	90% - 110%				
Fe	4.34	4.14	95%	90% - 110%	3.77	3.71	98%	90% - 110%	7.56	7	93%	90% - 110%	4.34	4.04	93%	90% - 110%
Ga	35	35	100%	90% - 110%									35	36	102%	90% - 110%
K	1.37	1.49	109%	90% - 110%					2.021	2.102	104%	90% - 110%	1.37	1.5	109%	90% - 110%
La	58	53	91%	90% - 110%	44	43	97%	90% - 110%					58	54	93%	90% - 110%
Li	37	39	105%	90% - 110%	47	49	105%	90% - 110%					37	39	107%	90% - 110%
Mg	0.325	0.299	92%	90% - 110%	1.10	1.09	99%	90% - 110%	2.412	2.317	96%	90% - 110%	0.325	0.297	91%	90% - 110%
Mn					780	763	98%	90% - 110%	1510	1410	93%	90% - 110%				
Mo					14	14	102%	90% - 110%								
Na	5.267	5.421	103%	90% - 110%	1.624	1.757	108%	90% - 110%	0.617	0.623	101%	90% - 110%	5.267	5.367	102%	90% - 110%
Ni					32	32	101%	90% - 110%	77.1	70.4	91%	90% - 110%				
P					750	814	109%	90% - 110%	892	936	105%	90% - 110%				
Pb					31	28	90%	90% - 110%								
S									0.348	0.348	100%	90% - 110%				
Sc	1.1	1	93%	90% - 110%	12	13	107%	90% - 110%					1.1	1	94%	90% - 110%
Sr	1191	1177	99%	90% - 110%	144	155	108%	90% - 110%	92.8	87.8	95%	90% - 110%	1191	1169	98%	90% - 110%
Ti	0.172	0.159	93%	90% - 110%	0.53	0.48	91%	90% - 110%					0.172	0.157	92%	90% - 110%
V	8	7	92%	90% - 110%	77	81	105%	90% - 110%					8	7	89%	90% - 110%
Y	119	126	106%	90% - 110%									119	126	106%	90% - 110%
Zn	93	93	100%	90% - 110%	130	123	95%	90% - 110%	208	199	96%	90% - 110%	93	94	101%	90% - 110%

**(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)**

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GS5W)				CRM #3 (ref.GSP7M)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits





**AGAT** Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 19T480504

PROJECT: AGAT00661

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Au	6.87	6.27	91%	90% - 110%	5.27	5.21	99%	90% - 110%	0.725	0.69	95%	90% - 110%	0.562	0.514	91%	90% - 110%
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## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19T480504

PROJECT: AGAT00661

ATTENTION TO: Stephen Brooking

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00662

AGAT WORK ORDER: 19T480929

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jul 03, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T480929

PROJECT: AGAT00662

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Jun 16, 2019

DATE RECEIVED: Jun 17, 2019

DATE REPORTED: Jul 03, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D73217 (281854)		1.22
D73218 (281855)		1.22
D73219 (281856)		1.02
D73220 (281857)		0.89
D73221 (281858)		1.48
D73222 (281859)		1.23
D73223 (281860)		1.16
D73224 (281861)		1.14
D73225 (281862)		1.32
D73226 (281863)		0.07
D73227 (281864)		1.16
D73228 (281865)		1.13
D73229 (281866)		2.29
D73230 (281867)		1.21
D73231 (281868)		0.92
D73232 (281869)		0.73
D73233 (281870)		1.00
D73234 (281871)		1.38
D73235 (281872)		1.22
D73236 (281873)		1.16
D73237 (281874)		1.32
D73238 (281875)		1.32
D73239 (281876)		1.48
D73240 (281877)		1.36
D73241 (281878)		1.13
D73242 (281879)		1.23
D73243 (281880)		1.18
D73244 (281881)		1.28
D73245 (281882)		1.14
D73246 (281883)		0.07
D73247 (281884)		1.20

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T480929

PROJECT: AGAT00662

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Jun 16, 2019      DATE RECEIVED: Jun 17, 2019      DATE REPORTED: Jul 03, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D73248 (281885)		1.14
D73249 (281886)		1.30
D73250 (281887)		1.71
D73251 (281888)		1.69
D73252 (281889)		0.67
D73253 (281890)		2.27
D73254 (281891)		1.80
D73255 (281892)		1.65
D73256 (281893)		1.70
D73257 (281894)		1.90
D73258 (281895)		1.90
D73259 (281896)		1.05
D73260 (281897)		1.63
D73261 (281898)		2.10
D73262 (281899)		2.58
D73263 (281900)		2.63
D73264 (281901)		2.19
D73265 (281902)		2.78
D73266 (281903)		0.07
D73267 (281904)		2.62
D73268 (281905)		1.85
D73269 (281906)		1.60
D73270 (281907)		1.37
D73271 (281908)		1.48
D73272 (281909)		0.65
D73273 (281910)		2.02
D73274 (281911)		1.86
D73275 (281912)		1.40
D73276 (281913)		2.09
D73277 (281914)		2.43
D73278 (281915)		2.43

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T480929

PROJECT: AGAT00662

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (200-) Sample Login Weight

DATE SAMPLED: Jun 16, 2019      DATE RECEIVED: Jun 17, 2019      DATE REPORTED: Jul 03, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D73279 (281916)		1.36
D73280 (281917)		1.38
D73281 (281918)		1.98
D73282 (281919)		1.58
D73283 (281920)		0.94
D73284 (281921)		1.26
D73285 (281922)		0.95
D73286 (281923)		0.07
D73287 (281924)		1.37
D73288 (281925)		1.80

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T480929

PROJECT: AGAT00662

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MISSISSAUGA, ONTARIO  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 16, 2019	DATE RECEIVED: Jun 17, 2019							DATE REPORTED: Jul 03, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D73217 (281854)	<0.5	8.05	3	261	1.1	<1	2.63	<0.5	73	5.9	79.5	3.4	0.76	14	
D73218 (281855)	<0.5	7.91	5	268	1.1	<1	2.64	<0.5	70	6.1	69.4	3.1	0.79	15	
D73219 (281856)	<0.5	8.20	8	306	1.3	<1	2.58	<0.5	81	5.2	91.0	2.7	1.13	17	
D73220 (281857)	<0.5	9.00	<1	336	1.1	<1	2.69	<0.5	61	5.1	106	14.0	2.27	20	
D73221 (281858)	0.6	7.12	5	176	1.4	<1	0.91	<0.5	36	16.6	152	53.3	5.94	25	
D73222 (281859)	<0.5	6.87	7	144	1.2	<1	1.01	<0.5	39	15.6	173	48.9	5.13	22	
D73223 (281860)	<0.5	6.91	<1	210	0.9	<1	1.60	<0.5	34	9.0	163	56.1	5.67	21	
D73224 (281861)	<0.5	7.41	<1	228	0.6	<1	1.73	<0.5	49	5.4	193	35.5	3.99	20	
D73225 (281862)	<0.5	7.14	<1	215	<0.5	<1	1.61	<0.5	50	7.0	143	37.1	4.42	20	
D73226 (281863)	<0.5	7.42	5	84	<0.5	<1	7.07	<0.5	1	40.0	190	161	7.26	29	
D73227 (281864)	<0.5	8.08	<1	276	0.5	<1	2.11	<0.5	43	7.3	223	46.5	4.86	22	
D73228 (281865)	<0.5	8.76	<1	224	0.7	<1	2.50	<0.5	50	3.6	154	34.7	3.93	22	
D73229 (281866)	<0.5	7.86	<1	228	0.5	<1	2.99	<0.5	52	7.6	218	13.4	3.15	19	
D73230 (281867)	<0.5	7.29	<1	161	0.6	<1	2.77	<0.5	53	2.7	169	4.5	1.46	15	
D73231 (281868)	<0.5	8.13	<1	225	0.5	<1	2.62	<0.5	54	2.7	158	3.3	1.42	16	
D73232 (281869)	<0.5	0.06	1	16	<0.5	<1	30.2	<0.5	<1	0.5	8.5	<0.5	0.11	<5	
D73233 (281870)	<0.5	8.21	<1	311	<0.5	<1	1.78	<0.5	54	4.8	150	30.1	4.56	24	
D73234 (281871)	<0.5	7.92	<1	247	<0.5	<1	1.70	<0.5	54	7.2	190	25.2	4.22	22	
D73235 (281872)	<0.5	7.19	1	200	<0.5	<1	1.67	<0.5	46	7.1	189	14.9	2.34	16	
D73236 (281873)	<0.5	6.95	<1	235	<0.5	<1	1.54	<0.5	41	8.5	324	33.5	4.84	22	
D73237 (281874)	<0.5	7.19	<1	207	<0.5	<1	1.28	<0.5	52	4.2	188	45.0	4.87	21	
D73238 (281875)	<0.5	6.78	<1	194	<0.5	<1	1.25	<0.5	48	4.5	215	40.0	5.01	20	
D73239 (281876)	<0.5	7.80	9	254	<0.5	<1	0.89	0.8	54	3.1	190	49.2	5.13	24	
D73240 (281877)	1.0	6.47	<1	242	0.5	2	0.96	2.0	38	9.7	221	90.3	11.7	35	
D73241 (281878)	1.6	7.14	<1	123	1.0	1	2.58	0.6	38	11.0	176	97.9	10.2	32	
D73242 (281879)	0.6	7.27	<1	132	0.9	<1	2.73	0.6	37	8.0	221	68.5	7.28	27	
D73243 (281880)	0.8	6.73	<1	115	0.7	2	2.45	0.5	36	21.8	217	70.3	8.29	29	
D73244 (281881)	<0.5	7.99	2	169	0.8	<1	3.02	0.5	42	5.5	153	39.2	4.61	23	
D73245 (281882)	<0.5	8.35	<1	310	<0.5	<1	3.51	<0.5	51	3.5	155	1.9	3.70	21	
D73246 (281883)	<0.5	7.43	3	83	<0.5	<1	6.96	<0.5	2	38.6	185	157	7.16	27	
D73247 (281884)	0.7	7.95	<1	678	0.7	<1	2.13	0.8	43	4.4	121	87.9	5.28	25	
D73248 (281885)	<0.5	8.34	<1	196	0.9	<1	3.21	<0.5	45	3.9	183	21.4	1.81	19	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T480929

PROJECT: AGAT00662

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 16, 2019	DATE RECEIVED: Jun 17, 2019							DATE REPORTED: Jul 03, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D73249 (281886)	<0.5	7.82	1	258	0.9	<1	3.03	<0.5	42	7.6	133	28.5	1.67	19	
D73250 (281887)	<0.5	6.74	2	833	0.5	<1	1.32	<0.5	25	1.9	96.8	14.9	1.55	13	
D73251 (281888)	<0.5	6.46	<1	447	1.2	<1	1.67	1.6	56	11.4	224	100	4.59	21	
D73252 (281889)	<0.5	0.08	<1	15	<0.5	<1	31.1	<0.5	<1	0.6	6.0	<0.5	0.11	<5	
D73253 (281890)	0.5	7.35	<1	250	0.5	<1	1.99	2.5	25	16.2	234	148	5.04	22	
D73254 (281891)	1.1	6.36	<1	643	<0.5	<1	1.09	6.9	41	28.4	459	714	8.21	27	
D73255 (281892)	0.5	6.84	3	679	0.6	<1	1.08	1.1	52	7.4	136	244	2.68	16	
D73256 (281893)	<0.5	3.13	2	617	4.2	<1	7.98	<0.5	243	48.1	447	118	8.85	30	
D73257 (281894)	0.7	6.55	6	366	1.5	<1	0.72	1.6	69	24.6	191	572	5.26	25	
D73258 (281895)	0.6	6.61	8	373	1.4	<1	0.67	1.5	71	24.0	150	553	5.29	24	
D73259 (281896)	<0.5	6.96	1	397	0.9	<1	2.18	2.0	42	11.0	137	52.4	4.02	17	
D73260 (281897)	<0.5	6.77	<1	397	<0.5	<1	4.92	0.9	31	36.9	458	132	8.01	32	
D73261 (281898)	<0.5	6.94	<1	123	<0.5	<1	6.16	<0.5	15	45.5	144	272	11.3	47	
D73262 (281899)	<0.5	7.28	<1	99	<0.5	<1	6.74	<0.5	10	49.9	186	140	10.4	42	
D73263 (281900)	<0.5	4.90	<1	73	<0.5	<1	6.76	0.7	7	76.7	1300	232	10.6	36	
D73264 (281901)	<0.5	3.98	<1	20	<0.5	<1	7.15	0.5	4	80.2	1640	125	9.92	33	
D73265 (281902)	<0.5	5.13	<1	102	<0.5	<1	6.70	0.5	13	70.8	1170	241	9.51	32	
D73266 (281903)	<0.5	7.77	<1	191	<0.5	<1	6.21	<0.5	11	37.6	207	109	7.67	31	
D73267 (281904)	<0.5	5.35	<1	103	0.6	<1	6.64	1.4	6	72.3	1030	261	10.3	34	
D73268 (281905)	<0.5	7.35	<1	365	1.2	<1	3.91	1.4	26	21.9	123	152	7.40	26	
D73269 (281906)	<0.5	7.05	<1	168	1.1	<1	5.58	0.6	7	35.6	118	86.0	9.26	31	
D73270 (281907)	<0.5	7.33	<1	293	0.7	<1	2.86	0.7	41	7.8	158	71.3	3.67	19	
D73271 (281908)	<0.5	7.39	<1	299	1.0	<1	2.80	0.9	51	6.5	147	99.8	3.47	19	
D73272 (281909)	<0.5	0.08	<1	15	<0.5	<1	30.6	<0.5	<1	0.8	11.8	<0.5	0.10	<5	
D73273 (281910)	<0.5	7.56	<1	356	0.7	<1	2.98	0.8	47	6.7	183	110	3.58	21	
D73274 (281911)	<0.5	8.21	<1	264	1.0	<1	2.83	<0.5	49	7.3	132	108	2.64	21	
D73275 (281912)	<0.5	7.97	<1	285	0.9	<1	2.73	<0.5	52	5.3	156	50.4	2.60	19	
D73276 (281913)	<0.5	7.86	<1	287	0.8	<1	2.77	<0.5	67	4.1	171	36.3	2.74	19	
D73277 (281914)	<0.5	8.30	<1	280	1.2	<1	2.72	<0.5	89	4.0	178	15.1	2.10	21	
D73278 (281915)	<0.5	8.50	<1	291	1.2	<1	2.81	<0.5	87	4.0	149	15.3	2.16	22	
D73279 (281916)	<0.5	7.55	<1	260	1.1	<1	2.40	<0.5	22	4.0	172	9.9	1.92	21	
D73280 (281917)	<0.5	7.28	<1	255	0.8	<1	2.28	0.6	64	7.8	173	50.5	3.26	20	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T480929

PROJECT: AGAT00662

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 16, 2019	DATE RECEIVED: Jun 17, 2019							DATE REPORTED: Jul 03, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D73281 (281918)	<0.5	7.65	<1	270	0.9	<1	2.46	<0.5	70	6.1	184	33.3	2.67	20	
D73282 (281919)	<0.5	7.25	2	318	1.0	<1	2.26	<0.5	103	5.4	171	28.0	2.65	19	
D73283 (281920)	<0.5	7.47	1	322	0.7	<1	2.40	0.6	77	9.4	182	73.6	3.21	21	
D73284 (281921)	<0.5	7.53	<1	276	0.9	<1	2.41	0.8	73	13.3	192	95.6	4.06	19	
D73285 (281922)	<0.5	6.58	<1	252	0.5	<1	2.33	<0.5	53	8.4	236	25.9	3.73	18	
D73286 (281923)	<0.5	7.44	<1	142	<0.5	<1	6.53	<0.5	2	39.4	202	157	7.89	30	
D73287 (281924)	<0.5	7.59	<1	421	0.5	<1	2.72	<0.5	49	10.4	203	24.4	4.11	22	
D73288 (281925)	<0.5	8.38	<1	397	<0.5	<1	2.80	<0.5	54	3.8	159	33.4	4.22	23	

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## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 16, 2019	DATE RECEIVED: Jun 17, 2019					DATE REPORTED: Jul 03, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D73217 (281854)	<1	1.08	32	14	0.35	164	12.1	3.34	11.3	299	<20	<50	0.14	<1	
D73218 (281855)	<1	1.06	31	15	0.35	165	13.3	3.42	12.4	311	<20	<50	0.14	<1	
D73219 (281856)	<1	1.17	38	15	0.91	227	12.2	3.26	8.6	203	<20	<50	0.24	1	
D73220 (281857)	<1	1.34	27	14	1.16	280	13.0	3.49	10.7	339	<20	<50	0.90	1	
D73221 (281858)	<1	1.94	17	77	0.34	198	13.7	2.40	28.0	168	<20	<50	4.42	2	
D73222 (281859)	<1	2.38	18	50	0.26	184	17.1	2.02	26.8	189	<20	<50	3.49	2	
D73223 (281860)	<1	1.10	16	27	0.71	270	16.9	2.49	21.7	140	<20	<50	3.31	2	
D73224 (281861)	<1	0.94	23	31	0.88	244	17.3	2.39	14.2	219	<20	<50	2.25	2	
D73225 (281862)	<1	0.95	23	36	0.86	241	11.9	2.19	14.4	314	<20	<50	2.60	<1	
D73226 (281863)	<1	0.25	3	14	4.32	1300	2.0	1.70	99.1	396	<20	<50	0.26	2	
D73227 (281864)	<1	1.35	21	41	1.40	355	17.0	2.77	18.4	300	<20	<50	2.84	3	
D73228 (281865)	<1	0.94	22	37	0.85	269	13.1	3.08	13.0	345	<20	<50	2.02	<1	
D73229 (281866)	<1	1.16	24	51	1.31	418	18.0	2.23	22.1	406	<20	<50	1.99	3	
D73230 (281867)	<1	1.04	24	37	1.20	238	16.8	2.07	5.5	299	<20	<50	0.76	2	
D73231 (281868)	<1	1.48	24	48	1.75	287	17.9	2.39	6.2	634	<20	<50	0.45	1	
D73232 (281869)	<1	0.01	<2	<1	2.85	139	<0.5	0.04	<0.5	95	<20	<50	0.10	2	
D73233 (281870)	<1	1.86	25	55	1.94	353	12.9	2.01	12.2	354	<20	<50	2.25	1	
D73234 (281871)	<1	1.42	25	48	1.56	303	16.8	2.05	10.0	323	<20	<50	2.30	2	
D73235 (281872)	<1	0.90	22	28	0.90	199	16.5	2.03	14.5	344	<20	<50	1.27	2	
D73236 (281873)	<1	1.19	19	39	1.43	286	17.4	1.71	17.3	301	<20	<50	2.75	3	
D73237 (281874)	<1	0.93	24	41	0.97	259	15.2	1.68	16.2	350	<20	<50	2.60	2	
D73238 (281875)	<1	0.88	23	39	0.92	255	16.7	1.64	17.0	323	<20	<50	2.59	2	
D73239 (281876)	<1	1.00	25	72	0.88	267	14.2	1.16	14.0	226	<20	<50	2.81	2	
D73240 (281877)	<1	0.67	18	45	0.24	133	20.1	1.62	29.2	277	<20	<50	6.70	4	
D73241 (281878)	<1	0.29	17	9	0.07	125	15.8	2.79	25.0	292	<20	<50	5.70	<1	
D73242 (281879)	<1	0.34	17	10	0.12	149	20.5	2.75	18.2	194	<20	<50	3.91	3	
D73243 (281880)	<1	0.35	17	9	0.12	132	20.1	2.64	18.5	156	<20	<50	5.32	2	
D73244 (281881)	<1	0.52	19	14	0.24	206	16.9	2.95	10.3	460	<20	<50	2.49	2	
D73245 (281882)	<1	1.21	23	52	0.75	1320	16.6	1.94	2.5	966	<20	<50	0.49	<1	
D73246 (281883)	<1	0.25	3	14	4.30	1290	2.1	1.70	95.0	340	<20	<50	0.23	2	
D73247 (281884)	<1	2.89	19	13	0.23	236	14.1	2.48	11.6	414	<20	<50	2.57	2	
D73248 (281885)	<1	0.47	20	9	0.24	231	19.6	3.05	7.3	320	<20	<50	0.94	2	

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AGAT WORK ORDER: 19T480929

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 16, 2019

DATE RECEIVED: Jun 17, 2019

DATE REPORTED: Jul 03, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D73249 (281886)		<1	0.70	19	10	0.32	217	17.6	2.68	10.2	342	<20	<50	0.86	1
D73250 (281887)		<1	3.12	10	19	0.24	259	13.2	2.92	3.9	133	54	<50	0.49	1
D73251 (281888)		<1	2.15	26	40	1.51	1970	12.6	1.51	64.3	926	30	<50	0.82	2
D73252 (281889)		<1	0.01	<2	<1	1.79	124	0.6	0.03	<0.5	79	<20	<50	0.06	1
D73253 (281890)		<1	2.59	12	42	1.14	1600	12.6	2.02	55.0	470	27	<50	0.49	4
D73254 (281891)		<1	2.22	19	20	0.97	2460	15.7	1.30	97.2	451	38	<50	1.18	5
D73255 (281892)		<1	2.31	24	25	0.42	686	13.7	3.08	28.4	383	45	<50	0.29	2
D73256 (281893)		<1	1.77	119	154	6.25	1930	2.5	2.78	265	2970	<20	<50	0.21	4
D73257 (281894)		<1	3.25	32	39	0.90	1110	12.0	3.75	72.6	188	<20	<50	0.60	2
D73258 (281895)		<1	3.28	32	39	0.87	1080	12.7	3.77	71.7	200	<20	<50	0.61	2
D73259 (281896)		<1	1.24	20	40	0.79	1530	13.7	2.70	26.3	300	20	<50	0.08	2
D73260 (281897)		<1	1.31	17	30	2.98	1520	9.7	1.60	146	516	<20	<50	0.18	4
D73261 (281898)		<1	0.60	11	30	3.01	1730	8.0	1.16	66.4	697	<20	<50	0.42	3
D73262 (281899)		<1	0.48	9	24	3.76	1680	5.7	1.12	121	584	<20	<50	0.21	1
D73263 (281900)		<1	0.44	6	21	8.08	1930	3.0	0.78	574	397	<20	<50	0.22	11
D73264 (281901)		<1	0.20	4	15	9.21	1620	2.8	0.49	808	329	<20	<50	0.20	15
D73265 (281902)		<1	0.51	9	13	7.72	1990	4.8	0.78	607	389	<20	<50	0.29	11
D73266 (281903)		<1	0.47	9	11	4.29	1360	2.0	2.45	104	861	<20	<50	0.10	2
D73267 (281904)		<1	0.66	6	22	7.76	2060	3.5	0.63	593	387	<20	<50	0.33	10
D73268 (281905)		<1	1.33	13	25	1.63	2380	8.7	1.38	28.4	370	<20	<50	0.32	3
D73269 (281906)		<1	1.26	5	37	2.41	1850	7.4	1.90	31.8	351	<20	<50	0.24	2
D73270 (281907)		<1	1.10	19	16	0.62	1850	12.7	1.83	10.4	388	<20	<50	0.29	2
D73271 (281908)		<1	1.22	23	23	0.60	1650	12.8	2.37	11.6	407	<20	<50	0.44	2
D73272 (281909)		<1	0.01	<2	2	2.09	106	1.1	0.05	0.8	79	<20	<50	0.07	<1
D73273 (281910)		<1	1.22	21	38	0.74	1680	16.4	1.87	8.6	539	<20	<50	0.52	<1
D73274 (281911)		<1	1.10	22	44	0.52	659	13.1	2.62	10.8	182	<20	<50	0.39	3
D73275 (281912)		<1	1.14	23	37	0.51	1010	14.9	2.52	5.6	378	<20	<50	0.26	<1
D73276 (281913)		<1	1.10	29	39	0.57	1120	14.9	2.32	6.9	379	<20	<50	0.19	2
D73277 (281914)		<1	1.39	40	45	0.57	276	15.3	2.74	8.1	130	<20	<50	0.08	1
D73278 (281915)		<1	1.44	39	48	0.60	281	16.1	2.81	8.3	130	<20	<50	0.08	1
D73279 (281916)		<1	1.50	11	47	0.51	314	14.7	2.58	7.6	107	<20	<50	0.06	<1
D73280 (281917)		<1	1.16	29	44	0.67	1610	14.3	2.16	8.2	109	<20	<50	0.25	3

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T480929

PROJECT: AGAT00662

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 16, 2019	DATE RECEIVED: Jun 17, 2019					DATE REPORTED: Jul 03, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D73281 (281918)	<1	1.12	31	35	0.56	967	15.8	2.48	7.1	125	<20	<50	0.19	<1	
D73282 (281919)	<1	1.12	45	29	0.51	900	14.3	2.76	6.4	154	<20	<50	0.19	2	
D73283 (281920)	<1	1.11	33	39	0.51	995	15.4	2.39	9.1	147	<20	<50	0.38	2	
D73284 (281921)	<1	0.93	31	36	0.48	1800	17.0	2.41	12.9	208	49	<50	0.55	<1	
D73285 (281922)	<1	0.77	23	25	0.90	1880	16.8	2.21	32.8	379	<20	<50	0.17	2	
D73286 (281923)	<1	0.21	3	13	4.23	1410	1.7	2.38	84.7	387	<20	<50	0.15	2	
D73287 (281924)	<1	1.32	23	43	1.50	1060	12.3	2.53	63.7	589	<20	<50	0.16	3	
D73288 (281925)	<1	1.11	23	36	0.48	1090	14.9	2.61	3.1	821	<20	<50	0.25	2	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 16, 2019	DATE RECEIVED: Jun 17, 2019					DATE REPORTED: Jul 03, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D73217 (281854)	6	<10	<5	166	<10	<10	8	0.08	<5	<50	23.3	<1	15	42.9	
D73218 (281855)	6	<10	<5	168	<10	<10	8	0.08	<5	<50	23.7	<1	15	40.3	
D73219 (281856)	10	<10	<5	171	<10	<10	8	0.15	<5	<50	47.5	<1	14	76.2	
D73220 (281857)	10	<10	<5	231	<10	<10	<5	0.18	<5	<50	22.1	<1	18	105	
D73221 (281858)	5	<10	<5	92	<10	<10	<5	0.06	<5	<50	20.1	<1	10	50.4	
D73222 (281859)	5	<10	<5	102	<10	<10	<5	0.05	<5	<50	17.5	<1	12	41.0	
D73223 (281860)	8	<10	<5	187	<10	<10	<5	0.10	<5	<50	22.6	<1	6	74.8	
D73224 (281861)	9	<10	<5	200	<10	<10	<5	0.13	<5	<50	26.3	<1	9	82.9	
D73225 (281862)	6	<10	<5	162	<10	<10	<5	0.11	<5	<50	14.7	<1	9	81.2	
D73226 (281863)	44	<10	<5	174	<10	<10	<5	0.57	<5	<50	282	<1	22	75.6	
D73227 (281864)	7	<10	<5	177	<10	<10	<5	0.17	<5	<50	27.0	<1	10	112	
D73228 (281865)	8	<10	<5	190	<10	<10	<5	0.12	<5	<50	20.4	<1	10	73.7	
D73229 (281866)	11	<10	<5	186	<10	<10	<5	0.18	<5	<50	40.2	<1	17	49.0	
D73230 (281867)	6	<10	<5	170	<10	<10	<5	0.14	<5	<50	24.3	<1	11	47.1	
D73231 (281868)	9	<10	<5	167	<10	<10	<5	0.20	<5	<50	39.1	<1	14	54.7	
D73232 (281869)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	3.4	
D73233 (281870)	12	<10	<5	181	<10	<10	<5	0.24	<5	<50	49.2	<1	11	122	
D73234 (281871)	10	<10	<5	229	<10	<10	<5	0.19	<5	<50	19.8	<1	10	107	
D73235 (281872)	9	<10	<5	224	<10	<10	<5	0.12	<5	<50	19.4	<1	12	73.0	
D73236 (281873)	12	<10	<5	194	<10	<10	<5	0.17	<5	<50	44.9	<1	11	111	
D73237 (281874)	12	<10	<5	179	<10	<10	<5	0.13	<5	<50	36.6	<1	11	123	
D73238 (281875)	11	<10	<5	174	<10	<10	<5	0.13	<5	<50	33.7	<1	9	119	
D73239 (281876)	9	<10	<5	123	<10	<10	<5	0.13	<5	<50	17.4	<1	10	163	
D73240 (281877)	5	<10	<5	148	<10	14	<5	0.06	<5	<50	26.6	<1	9	132	
D73241 (281878)	5	<10	<5	176	<10	<10	<5	0.03	<5	<50	18.7	<1	9	40.3	
D73242 (281879)	6	<10	<5	151	<10	<10	<5	0.05	<5	<50	20.4	<1	9	45.4	
D73243 (281880)	4	<10	<5	153	<10	<10	<5	0.04	<5	<50	16.3	<1	9	39.9	
D73244 (281881)	7	<10	<5	199	<10	<10	<5	0.07	<5	<50	17.6	<1	11	58.7	
D73245 (281882)	14	<10	<5	198	<10	<10	<5	0.33	<5	<50	9.2	<1	33	122	
D73246 (281883)	43	<10	<5	172	<10	<10	<5	0.56	<5	<50	276	<1	21	74.0	
D73247 (281884)	8	<10	<5	218	<10	<10	<5	0.07	<5	<50	13.2	<1	14	63.8	
D73248 (281885)	7	<10	<5	222	<10	<10	<5	0.07	<5	<50	12.5	<1	13	55.8	

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## Certificate of Analysis

AGAT WORK ORDER: 19T480929

PROJECT: AGAT00662

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 16, 2019	DATE RECEIVED: Jun 17, 2019					DATE REPORTED: Jul 03, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D73249 (281886)	8	<10	<5	187	<10	<10	<5	0.08	<5	<50	16.1	<1	16	48.5	
D73250 (281887)	5	<10	<5	140	<10	<10	7	0.09	<5	<50	15.9	<1	11	107	
D73251 (281888)	16	<10	<5	167	<10	<10	<5	0.42	<5	<50	38.6	<1	30	507	
D73252 (281889)	<1	<10	<5	72	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	2.7	
D73253 (281890)	14	<10	<5	100	<10	<10	<5	0.30	<5	<50	78.1	<1	17	516	
D73254 (281891)	15	<10	<5	67	<10	<10	<5	0.25	<5	<50	62.0	<1	25	1400	
D73255 (281892)	7	<10	<5	160	<10	<10	7	0.17	<5	<50	31.5	<1	12	195	
D73256 (281893)	29	<10	<5	890	<10	<10	<5	0.80	<5	<50	250	<1	47	255	
D73257 (281894)	9	<10	<5	108	<10	<10	<5	0.17	<5	<50	72.9	<1	5	529	
D73258 (281895)	9	<10	<5	111	<10	<10	<5	0.17	<5	<50	74.2	<1	6	543	
D73259 (281896)	12	<10	<5	190	<10	<10	<5	0.19	<5	<50	38.9	<1	32	165	
D73260 (281897)	28	<10	<5	185	<10	<10	<5	0.82	<5	<50	216	<1	28	175	
D73261 (281898)	31	<10	<5	253	<10	<10	<5	1.34	<5	<50	360	<1	32	132	
D73262 (281899)	39	<10	<5	334	<10	<10	<5	1.15	<5	<50	347	<1	28	123	
D73263 (281900)	52	<10	<5	116	<10	<10	<5	0.85	<5	<50	299	4	21	173	
D73264 (281901)	39	<10	<5	78	<10	<10	<5	0.70	<5	<50	250	18	17	148	
D73265 (281902)	42	<10	<5	168	<10	<10	<5	0.71	<5	<50	244	6	22	113	
D73266 (281903)	35	<10	<5	255	<10	<10	<5	0.83	<5	<50	243	<1	24	89.1	
D73267 (281904)	40	<10	<5	111	<10	<10	<5	0.77	<5	<50	250	<1	20	277	
D73268 (281905)	26	<10	<5	171	<10	<10	<5	0.44	<5	<50	165	<1	29	444	
D73269 (281906)	43	<10	<5	136	<10	<10	<5	0.60	<5	<50	306	<1	26	210	
D73270 (281907)	12	<10	<5	119	<10	<10	<5	0.22	<5	<50	43.4	<1	29	209	
D73271 (281908)	13	<10	<5	165	<10	<10	<5	0.24	<5	<50	33.2	<1	33	267	
D73272 (281909)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.5	<1	3	4.3	
D73273 (281910)	11	<10	<5	124	<10	<10	<5	0.29	<5	<50	27.6	<1	29	308	
D73274 (281911)	8	<10	<5	184	<10	<10	<5	0.21	<5	<50	33.8	<1	16	193	
D73275 (281912)	10	<10	<5	176	<10	<10	<5	0.21	<5	<50	24.3	<1	23	170	
D73276 (281913)	10	<10	<5	164	<10	<10	<5	0.25	<5	<50	32.3	<1	26	198	
D73277 (281914)	6	<10	<5	180	<10	<10	10	0.24	<5	<50	41.5	<1	8	151	
D73278 (281915)	6	<10	<5	186	<10	<10	11	0.25	<5	<50	42.5	<1	8	156	
D73279 (281916)	6	<10	<5	162	<10	<10	<5	0.20	<5	<50	38.9	<1	4	116	
D73280 (281917)	18	<10	<5	140	<10	<10	<5	0.23	<5	<50	38.2	<1	40	202	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T480929

PROJECT: AGAT00662

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 16, 2019	DATE RECEIVED: Jun 17, 2019					DATE REPORTED: Jul 03, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D73281 (281918)	12	<10	<5	167	<10	<10	<5	0.22	<5	<50	34.3	<1	25	172	
D73282 (281919)	11	<10	<5	163	<10	<10	11	0.26	<5	<50	36.9	<1	24	152	
D73283 (281920)	11	<10	<5	166	<10	<10	7	0.25	<5	<50	33.0	<1	28	200	
D73284 (281921)	16	<10	<5	163	<10	<10	5	0.22	<5	<50	27.7	<1	49	211	
D73285 (281922)	17	<10	<5	150	<10	<10	<5	0.26	<5	<50	24.0	<1	51	118	
D73286 (281923)	46	<10	<5	113	<10	<10	<5	0.65	<5	<50	310	<1	24	77.2	
D73287 (281924)	13	<10	<5	195	<10	<10	<5	0.40	<5	<50	43.8	<1	25	166	
D73288 (281925)	14	<10	<5	173	<10	<10	<5	0.33	<5	<50	8.3	<1	36	124	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 16, 2019      DATE RECEIVED: Jun 17, 2019      DATE REPORTED: Jul 03, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Concentration (ppm)
	Zr	ppm	5	
D73217 (281854)				182
D73218 (281855)				189
D73219 (281856)				166
D73220 (281857)				239
D73221 (281858)				152
D73222 (281859)				122
D73223 (281860)				116
D73224 (281861)				133
D73225 (281862)				118
D73226 (281863)				53
D73227 (281864)				157
D73228 (281865)				230
D73229 (281866)				184
D73230 (281867)				191
D73231 (281868)				181
D73232 (281869)				<5
D73233 (281870)				171
D73234 (281871)				166
D73235 (281872)				113
D73236 (281873)				107
D73237 (281874)				86
D73238 (281875)				82
D73239 (281876)				135
D73240 (281877)				96
D73241 (281878)				166
D73242 (281879)				179
D73243 (281880)				173
D73244 (281881)				174
D73245 (281882)				233
D73246 (281883)				50
D73247 (281884)				171
D73248 (281885)				246

Certified By:





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AGAT WORK ORDER: 19T480929

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 16, 2019      DATE RECEIVED: Jun 17, 2019      DATE REPORTED: Jul 03, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D73249 (281886)				232
D73250 (281887)				153
D73251 (281888)				198
D73252 (281889)				<5
D73253 (281890)				91
D73254 (281891)				121
D73255 (281892)				159
D73256 (281893)				237
D73257 (281894)				29
D73258 (281895)				31
D73259 (281896)				127
D73260 (281897)				72
D73261 (281898)				28
D73262 (281899)				23
D73263 (281900)				26
D73264 (281901)				19
D73265 (281902)				51
D73266 (281903)				98
D73267 (281904)				38
D73268 (281905)				129
D73269 (281906)				54
D73270 (281907)				180
D73271 (281908)				202
D73272 (281909)				<5
D73273 (281910)				214
D73274 (281911)				176
D73275 (281912)				220
D73276 (281913)				195
D73277 (281914)				146
D73278 (281915)				145
D73279 (281916)				207
D73280 (281917)				195

Certified By:



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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 16, 2019

DATE RECEIVED: Jun 17, 2019

DATE REPORTED: Jul 03, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D73281 (281918)	202
D73282 (281919)	217
D73283 (281920)	236
D73284 (281921)	221
D73285 (281922)	239
D73286 (281923)	60
D73287 (281924)	201
D73288 (281925)	209

Comments: RDL - Reported Detection Limit

281854-281925 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T480929

PROJECT: AGAT00662

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 16, 2019      DATE RECEIVED: Jun 17, 2019      DATE REPORTED: Jul 03, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D73217 (281854)		0.008	
D73218 (281855)		0.006	
D73219 (281856)		0.012	
D73220 (281857)		0.011	
D73221 (281858)		0.017	
D73222 (281859)		0.016	
D73223 (281860)		0.008	
D73224 (281861)		0.007	
D73225 (281862)		0.007	
D73226 (281863)		1.20	
D73227 (281864)		0.013	
D73228 (281865)		0.007	
D73229 (281866)		0.007	
D73230 (281867)		0.002	
D73231 (281868)		0.002	
D73232 (281869)		0.001	
D73233 (281870)		0.019	
D73234 (281871)		0.017	
D73235 (281872)		0.003	
D73236 (281873)		0.014	
D73237 (281874)		0.008	
D73238 (281875)		0.007	
D73239 (281876)		0.038	
D73240 (281877)		0.063	
D73241 (281878)		0.193	
D73242 (281879)		0.017	
D73243 (281880)		0.014	
D73244 (281881)		0.006	
D73245 (281882)		0.005	
D73246 (281883)		1.25	
D73247 (281884)		0.011	
D73248 (281885)		0.004	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T480929

PROJECT: AGAT00662

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 16, 2019      DATE RECEIVED: Jun 17, 2019      DATE REPORTED: Jul 03, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D73249 (281886)		0.003	
D73250 (281887)		0.004	
D73251 (281888)		0.013	
D73252 (281889)		<0.001	
D73253 (281890)		0.010	
D73254 (281891)		0.029	
D73255 (281892)		0.015	
D73256 (281893)		0.003	
D73257 (281894)		0.044	
D73258 (281895)		0.063	
D73259 (281896)		0.010	
D73260 (281897)		0.009	
D73261 (281898)		0.017	
D73262 (281899)		0.002	
D73263 (281900)		0.009	
D73264 (281901)		0.008	
D73265 (281902)		0.010	
D73266 (281903)		0.345	
D73267 (281904)		0.012	
D73268 (281905)		0.008	
D73269 (281906)		0.003	
D73270 (281907)		0.003	
D73271 (281908)		0.010	
D73272 (281909)		<0.001	
D73273 (281910)		0.006	
D73274 (281911)		0.008	
D73275 (281912)		0.005	
D73276 (281913)		0.003	
D73277 (281914)		0.002	
D73278 (281915)		0.004	
D73279 (281916)		0.003	
D73280 (281917)		0.004	

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T480929

PROJECT: AGAT00662

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 16, 2019

DATE RECEIVED: Jun 17, 2019

DATE REPORTED: Jul 03, 2019

SAMPLE TYPE: Drill Core

Analyte:	Au
Unit:	ppm
RDL:	0.001
Sample ID (AGAT ID)	
D73281 (281918)	0.003
D73282 (281919)	0.003
D73283 (281920)	0.004
D73284 (281921)	0.007
D73285 (281922)	0.011
D73286 (281923)	0.518
D73287 (281924)	0.002
D73288 (281925)	0.002

 Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T480929

PROJECT: AGAT00662

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## Sieving - % Passing (Crushing)

DATE SAMPLED: Jun 16, 2019

DATE RECEIVED: Jun 17, 2019

DATE REPORTED: Jul 03, 2019


SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D73219 (281856)		78.99
D73236 (281873)		79.84
D73254 (281891)		77.17
D73259 (281896)		82.81
D73276 (281913)		86.09

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	281854	< 0.5	< 0.5	0.0%	281868	< 0.5	< 0.5	0.0%	281879	0.61	0.68	10.9%	281893	< 0.5	< 0.5	0.0%
Al	281854	8.05	7.98	0.9%	281868	8.13	8.34	2.6%	281879	7.27	7.24	0.4%	281893	3.13	3.08	1.6%
As	281854	3	< 1		281868	< 1	2		281879	< 1	< 1	0.0%	281893	2	< 1	
Ba	281854	261	272	4.1%	281868	225	230	2.2%	281879	132	130	1.5%	281893	617	623	1.0%
Be	281854	1.1	1.1	0.0%	281868	0.5	0.5	0.0%	281879	0.85	0.85	0.0%	281893	4.2	4.2	0.0%
Bi	281854	< 1	< 1	0.0%	281868	< 1	< 1	0.0%	281879	< 1	< 1	0.0%	281893	< 1	< 1	0.0%
Ca	281854	2.63	2.58	1.9%	281868	2.62	2.73	4.1%	281879	2.73	2.72	0.4%	281893	7.98	7.90	1.0%
Cd	281854	< 0.5	< 0.5	0.0%	281868	< 0.5	< 0.5	0.0%	281879	0.6	0.6	0.0%	281893	< 0.5	< 0.5	0.0%
Ce	281854	73	70	4.2%	281868	54	56	3.6%	281879	37	40	7.8%	281893	243	236	2.9%
Co	281854	5.9	5.9	0.0%	281868	2.7	2.8	3.6%	281879	8.0	8.8	9.5%	281893	48.1	47.9	0.4%
Cr	281854	79.5	82.6	3.8%	281868	158	169	6.7%	281879	221	169	26.7%	281893	447	442	1.1%
Cu	281854	3.36	3.04	10.0%	281868	3.3	3.5	5.9%	281879	68.5	63.1	8.2%	281893	118	118	0.0%
Fe	281854	0.76	0.75	1.3%	281868	1.42	1.47	3.5%	281879	7.28	7.17	1.5%	281893	8.85	8.77	0.9%
Ga	281854	14	15	6.9%	281868	16	17	6.1%	281879	27	28	3.6%	281893	30	30	0.0%
In	281854	< 1	< 1	0.0%	281868	< 1	< 1	0.0%	281879	< 1	< 1	0.0%	281893	< 1	< 1	0.0%
K	281854	1.08	1.00	7.7%	281868	1.48	1.52	2.7%	281879	0.34	0.34	0.0%	281893	1.77	1.77	0.0%
La	281854	32	31	3.2%	281868	24	26	8.0%	281879	17	18	5.7%	281893	119	117	1.7%
Li	281854	14	15	6.9%	281868	48	49	2.1%	281879	10	10	0.0%	281893	154	154	0.0%
Mg	281854	0.351	0.358	2.0%	281868	1.75	1.81	3.4%	281879	0.12	0.12	0.0%	281893	6.25	6.08	2.8%
Mn	281854	164	159	3.1%	281868	287	294	2.4%	281879	149	143	4.1%	281893	1930	1900	1.6%
Mo	281854	12.1	11.5	5.1%	281868	17.9	18.8	4.9%	281879	20.5	15.2	29.7%	281893	2.53	2.78	9.4%
Na	281854	3.34	3.32	0.6%	281868	2.39	2.50	4.5%	281879	2.75	2.75	0.0%	281893	2.78	2.74	1.4%
Ni	281854	11.3	11.5	1.8%	281868	6.23	6.39	2.5%	281879	18.2	17.7	2.8%	281893	265	260	1.9%
P	281854	299	327	8.9%	281868	634	638	0.6%	281879	194	185	4.7%	281893	2970	3010	1.3%
Pb	281854	< 20	< 20	0.0%	281868	< 20	< 20	0.0%	281879	< 20	< 20	0.0%	281893	< 20	< 20	0.0%
Rb	281854	< 50	< 50	0.0%	281868	< 50	< 50	0.0%	281879	< 50	< 50	0.0%	281893	< 50	< 50	0.0%
S	281854	0.14	0.14	0.0%	281868	0.45	0.46	2.2%	281879	3.91	4.07	4.0%	281893	0.21	0.21	0.0%
Sb	281854	< 1	2		281868	1	< 1		281879	3	2		281893	4	4	0.0%
Sc	281854	6	6	0.0%	281868	9	9	0.0%	281879	6	6	0.0%	281893	29	29	0.0%
Se	281854	< 10	< 10	0.0%	281868	< 10	< 10	0.0%	281879	< 10	< 10	0.0%	281893	< 10	< 10	0.0%
Sn	281854	< 5	< 5	0.0%	281868	< 5	< 5	0.0%	281879	< 5	< 5	0.0%	281893	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	281854	166	165	0.6%	281868	167	174	4.1%	281879	151	151	0.0%	281893	890	870	2.3%
Ta	281854	< 10	< 10	0.0%	281868	< 10	< 10	0.0%	281879	< 10	< 10	0.0%	281893	< 10	< 10	0.0%
Te	281854	< 10	< 10	0.0%	281868	< 10	< 10	0.0%	281879	< 10	< 10	0.0%	281893	< 10	< 10	0.0%
Th	281854	8	7	13.3%	281868	< 5	< 5	0.0%	281879	< 5	< 5	0.0%	281893	< 5	< 5	0.0%
Ti	281854	0.081	0.087	7.1%	281868	0.199	0.207	3.9%	281879	0.046	0.041	11.5%	281893	0.800	0.792	1.0%
Tl	281854	< 5	< 5	0.0%	281868	< 5	< 5	0.0%	281879	< 5	< 5	0.0%	281893	< 5	< 5	0.0%
U	281854	< 50	< 50	0.0%	281868	< 50	< 50	0.0%	281879	< 50	< 50	0.0%	281893	< 50	< 50	0.0%
V	281854	23.3	25.2	7.8%	281868	39.1	38.7	1.0%	281879	20.4	20.6	1.0%	281893	250	245	2.0%
W	281854	< 1	< 1	0.0%	281868	< 1	< 1	0.0%	281879	< 1	< 1	0.0%	281893	< 1	< 1	0.0%
Y	281854	15	15	0.0%	281868	14	13	7.4%	281879	9	10	10.5%	281893	47	45	4.3%
Zn	281854	42.9	43.1	0.5%	281868	54.7	55.9	2.2%	281879	45.4	43.9	3.4%	281893	255	252	1.2%
Zr	281854	182	193	5.9%	281868	181	187	3.3%	281879	179	181	1.1%	281893	237	244	2.9%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	281904	< 0.5	< 0.5	0.0%	281918	< 0.5	< 0.5	0.0%								
Al	281904	5.35	5.35	0.0%	281918	7.65	7.77	1.6%								
As	281904	< 1	< 1	0.0%	281918	< 1	< 1	0.0%								
Ba	281904	103	105	1.9%	281918	270	269	0.4%								
Be	281904	0.6	0.6	0.0%	281918	0.9	0.9	0.0%								
Bi	281904	< 1	< 1	0.0%	281918	< 1	< 1	0.0%								
Ca	281904	6.64	6.65	0.2%	281918	2.46	2.49	1.2%								
Cd	281904	1.39	1.04	28.8%	281918	< 0.5	< 0.5	0.0%								
Ce	281904	6	6	0.0%	281918	70	67	4.4%								
Co	281904	72.3	71.4	1.3%	281918	6.08	5.24	14.8%								
Cr	281904	1030	1070	3.8%	281918	184	195	5.8%								
Cu	281904	261	253	3.1%	281918	33.3	33.5	0.6%								
Fe	281904	10.3	10.2	1.0%	281918	2.67	2.63	1.5%								
Ga	281904	34	34	0.0%	281918	20	19	5.1%								
In	281904	< 1	< 1	0.0%	281918	< 1	< 1	0.0%								
K	281904	0.663	0.667	0.6%	281918	1.12	1.10	1.8%								
La	281904	6	5	18.2%	281918	31	29	6.7%								
Li	281904	22	22	0.0%	281918	35	34	2.9%								
Mg	281904	7.76	7.77	0.1%	281918	0.561	0.554	1.3%								
Mn	281904	2060	2060	0.0%	281918	967	973	0.6%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	281904	3.5	3.3	5.9%	281918	15.8	15.5	1.9%								
Na	281904	0.634	0.640	0.9%	281918	2.48	2.53	2.0%								
Ni	281904	593	599	1.0%	281918	7.1	6.8	4.3%								
P	281904	387	386	0.3%	281918	125	123	1.6%								
Pb	281904	< 20	< 20	0.0%	281918	< 20	< 20	0.0%								
Rb	281904	< 50	< 50	0.0%	281918	< 50	< 50	0.0%								
S	281904	0.33	0.33	0.0%	281918	0.19	0.19	0.0%								
Sb	281904	10	10	0.0%	281918	< 1	1									
Sc	281904	40	40	0.0%	281918	12	11	8.7%								
Se	281904	< 10	< 10	0.0%	281918	< 10	< 10	0.0%								
Sn	281904	< 5	< 5	0.0%	281918	< 5	< 5	0.0%								
Sr	281904	111	111	0.0%	281918	167	170	1.8%								
Ta	281904	< 10	< 10	0.0%	281918	< 10	< 10	0.0%								
Te	281904	< 10	< 10	0.0%	281918	< 10	< 10	0.0%								
Th	281904	< 5	< 5	0.0%	281918	< 5	< 5	0.0%								
Ti	281904	0.77	0.77	0.0%	281918	0.22	0.22	0.0%								
Tl	281904	< 5	< 5	0.0%	281918	< 5	< 5	0.0%								
U	281904	< 50	< 50	0.0%	281918	< 50	< 50	0.0%								
V	281904	250	249	0.4%	281918	34.3	32.9	4.2%								
W	281904	< 1	1		281918	< 1	< 1	0.0%								
Y	281904	20	20	0.0%	281918	25	24	4.1%								
Zn	281904	277	277	0.0%	281918	172	171	0.6%								
Zr	281904	38	35	8.2%	281918	202	186	8.2%								

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	281854	0.008	0.014		281868	0.002	0.004		281879	0.017	0.008		281893	0.0032	0.0039	19.7%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	281904	0.0116	0.0104	10.9%	281918	0.003	0.003	0.0%								

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.81	99%	90% - 110%	8.17	8.5	104%	90% - 110%	6.96	7.02	101%	90% - 110%	10.95	11.05	101%	90% - 110%
As					26	23	90%	90% - 110%	124	121	97%	90% - 110%				
Ba	340	316	93%	90% - 110%	540	533	99%	90% - 110%	186	181	97%	90% - 110%	340	332	98%	90% - 110%
Be	2.6	2.4	93%	90% - 110%									2.6	2.4	91%	90% - 110%
Ca	5.72	5.46	96%	90% - 110%	0.907	0.877	97%	90% - 110%	4.01	3.73	93%	90% - 110%	5.72	5.4	94%	90% - 110%
Ce	122	118	96%	90% - 110%	98	92	94%	90% - 110%	24	21	87%	90% - 110%	122	111	91%	90% - 110%
Co									22.1	20.8	94%	90% - 110%				
Cr	12	10	86%	90% - 110%	60.3	64.4	107%	90% - 110%					12	10	83%	90% - 110%
Cu					150	152	102%	90% - 110%	88.6	86	97%	90% - 110%				
Fe	4.34	4.07	94%	90% - 110%	3.77	3.74	99%	90% - 110%	7.56	7.09	94%	90% - 110%	4.34	4.08	94%	90% - 110%
Ga	35	35	99%	90% - 110%									35	38	110%	90% - 110%
K	1.37	1.49	109%	90% - 110%					2.021	2.184	108%	90% - 110%	1.37	1.48	108%	90% - 110%
La	58	52	90%	90% - 110%	44	45	102%	90% - 110%					58	53	91%	90% - 110%
Li	37	39	105%	90% - 110%	47	48	102%	90% - 110%					37	38	103%	90% - 110%
Mg	0.325	0.299	92%	90% - 110%	1.10	1.09	99%	90% - 110%	2.412	2.381	99%	90% - 110%	0.325	0.3	92%	90% - 110%
Mn					780	758	97%	90% - 110%	1510	1437	95%	90% - 110%				
Mo					14	14	98%	90% - 110%								
Na	5.267	5.274	100%	90% - 110%	1.624	1.729	106%	90% - 110%	0.617	0.632	102%	90% - 110%	5.267	5.386	102%	90% - 110%
Ni					32	32	100%	90% - 110%	77.1	69.1	90%	90% - 110%				
P					750	770	103%	90% - 110%	892	845	95%	90% - 110%				
Pb					31	23	74%	90% - 110%								
S									0.348	0.344	99%	90% - 110%				
Sc	1.1	1	93%	90% - 110%	12	13	106%	90% - 110%					1.1	1	94%	90% - 110%
Sr	1191	1140	96%	90% - 110%	144	152	106%	90% - 110%	92.8	88.5	95%	90% - 110%	1191	1169	98%	90% - 110%
Ti	0.172	0.16	93%	90% - 110%	0.53	0.48	91%	90% - 110%					0.172	0.157	91%	90% - 110%
V	8	7	92%	90% - 110%	77	79	103%	90% - 110%					8	7	92%	90% - 110%
Y	119	125	105%	90% - 110%									119	129	109%	90% - 110%
Zn	93	94	102%	90% - 110%	130	126	97%	90% - 110%	208	205	99%	90% - 110%	93	92	99%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GS5W)				CRM #3 (ref.GSP7M)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits



**AGAT** Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 19T480929

PROJECT: AGAT00662

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MISSISSAUGA, ONTARIO  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Au	6.87	6.71	98%	90% - 110%	5.27	5.59	106%	90% - 110%	0.725	0.7	97%	90% - 110%				
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## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00662  
 SAMPLING SITE:

AGAT WORK ORDER: 19T480929  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00663

AGAT WORK ORDER: 19T481536

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jul 02, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T481536

PROJECT: AGAT00663

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Jun 17, 2019      DATE RECEIVED: Jun 18, 2019      DATE REPORTED: Jul 02, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D73289 (285440)		1.69
D73290 (285441)		2.16
D73291 (285442)		2.40
D73292 (285443)		0.68
D73293 (285444)		2.99
D73294 (285445)		2.04
D73295 (285446)		0.87
D73296 (285447)		1.58
D73297 (285448)		1.51
D73298 (285449)		1.51
D73299 (285450)		1.73
D73300 (285451)		1.20
D73301 (285452)		1.23
D73302 (285453)		1.81
D73303 (285454)		2.34
D73304 (285455)		2.30
D73305 (285456)		1.27
D73306 (285457)		0.07
D73307 (285458)		1.59
D73308 (285459)		1.42
D73309 (285460)		1.39
D73310 (285461)		1.44
D73311 (285462)		1.52
D73312 (285463)		0.63
D73313 (285464)		1.32
D73314 (285465)		1.25
D73315 (285466)		1.90
D73316 (285467)		1.77
D73317 (285468)		1.17
D73318 (285469)		1.17
D73319 (285470)		0.78

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T481536

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Jun 17, 2019      DATE RECEIVED: Jun 18, 2019      DATE REPORTED: Jul 02, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D73320 (285471)		2.15
D73321 (285472)		1.82
D73322 (285473)		1.04
D73323 (285474)		1.16
D73324 (285475)		1.18
D73325 (285476)		1.05
D73326 (285477)		0.07
D73327 (285478)		1.62
D73328 (285479)		2.11
D73329 (285480)		1.56
D73330 (285481)		1.60
D73331 (285482)		1.59
D73332 (285483)		0.55
D73333 (285484)		1.40
D73334 (285485)		1.05
D73335 (285486)		1.06
D73336 (285487)		0.99
D73337 (285488)		1.51
D73338 (285489)		1.51
D73339 (285490)		1.35
D73340 (285491)		0.93
D73341 (285492)		1.64
D73342 (285493)		1.06
D73343 (285494)		1.32
D73344 (285495)		1.41
D73345 (285496)		1.65
D73346 (285497)		0.07
D73347 (285498)		0.83
D73348 (285499)		2.07
D73349 (285500)		1.65
D73350 (285501)		1.77

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## Certificate of Analysis

AGAT WORK ORDER: 19T481536

PROJECT: AGAT00663

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Jun 17, 2019	DATE RECEIVED: Jun 18, 2019	DATE REPORTED: Jul 02, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D73351 (285502)		2.18
D73352 (285503)		0.50
D73353 (285504)		1.99
D73354 (285505)		0.87
D73355 (285506)		1.27
D73356 (285507)		1.00
D73357 (285508)		1.31
D73358 (285509)		1.31
D73359 (285510)		2.20
D73360 (285511)		1.77

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

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## Certificate of Analysis

AGAT WORK ORDER: 19T481536

PROJECT: AGAT00663

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 17, 2019	DATE RECEIVED: Jun 18, 2019					DATE REPORTED: Jul 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D73289 (285440)	1.1	8.07	<1	392	0.7	<1	2.84	<0.5	54	11.1	19.4	17.9	4.12	20	
D73290 (285441)	1.0	2.60	<1	769	<0.5	<1	6.84	<0.5	104	90.8	688	122	9.13	21	
D73291 (285442)	1.1	2.27	<1	788	<0.5	<1	6.59	<0.5	103	98.4	828	106	9.57	18	
D73292 (285443)	<0.5	0.07	3	16	<0.5	<1	31.5	<0.5	2	1.2	7.4	<0.5	0.17	6	
D73293 (285444)	1.0	2.50	<1	823	<0.5	<1	7.08	<0.5	109	96.0	756	129	9.74	19	
D73294 (285445)	1.2	2.57	<1	750	<0.5	<1	6.02	<0.5	99	94.5	838	97.7	9.50	17	
D73295 (285446)	0.9	7.21	<1	370	0.7	<1	2.46	<0.5	57	10.3	38.5	18.9	3.05	19	
D73296 (285447)	1.0	7.29	<1	327	0.7	<1	2.50	<0.5	57	10.2	41.6	13.3	3.29	19	
D73297 (285448)	1.0	7.88	<1	355	0.6	<1	2.68	<0.5	60	9.9	27.6	14.1	3.76	20	
D73298 (285449)	1.1	7.56	<1	348	0.6	<1	2.64	<0.5	59	9.8	23.8	14.1	3.62	19	
D73299 (285450)	1.1	7.73	<1	357	0.7	<1	2.91	<0.5	57	10.4	30.5	14.7	3.48	21	
D73300 (285451)	<0.5	6.12	<1	141	0.5	5	5.40	<0.5	44	6.5	41.2	8.1	3.40	20	
D73301 (285452)	1.0	8.12	<1	417	1.0	<1	3.14	<0.5	54	13.9	49.9	6.8	4.25	23	
D73302 (285453)	1.1	7.55	<1	320	0.7	<1	2.65	<0.5	57	10.1	9.8	19.5	3.30	18	
D73303 (285454)	1.1	7.38	<1	325	0.7	<1	2.35	<0.5	60	9.5	25.9	20.5	3.36	20	
D73304 (285455)	1.0	7.65	<1	299	0.7	<1	2.46	<0.5	54	10.9	39.9	15.5	3.32	20	
D73305 (285456)	1.0	7.48	<1	244	0.9	<1	2.37	<0.5	55	9.9	27.9	16.1	3.39	19	
D73306 (285457)	0.5	7.28	<1	186	<0.5	<1	6.07	<0.5	19	40.4	191	102	7.57	25	
D73307 (285458)	1.1	7.51	<1	267	1.1	<1	2.43	<0.5	51	11.1	24.7	31.2	3.57	19	
D73308 (285459)	1.0	7.58	<1	269	0.7	<1	2.40	<0.5	51	9.4	22.9	21.5	3.45	19	
D73309 (285460)	1.0	7.41	<1	295	0.9	<1	2.31	<0.5	48	9.4	20.7	53.2	3.28	18	
D73310 (285461)	0.7	7.47	2	249	0.7	<1	2.22	<0.5	56	8.5	33.7	12.2	2.56	19	
D73311 (285462)	0.8	7.63	<1	244	0.6	<1	2.43	<0.5	54	10.3	20.1	27.2	3.04	19	
D73312 (285463)	<0.5	0.13	2	13	<0.5	<1	31.6	<0.5	1	0.7	5.4	<0.5	0.16	6	
D73313 (285464)	0.6	7.36	<1	246	0.7	<1	2.41	<0.5	52	8.0	26.3	13.1	2.70	18	
D73314 (285465)	0.7	7.85	<1	273	0.6	<1	2.58	<0.5	51	8.9	22.7	15.9	3.42	20	
D73315 (285466)	1.0	7.52	<1	303	0.8	<1	2.24	<0.5	51	7.9	24.5	9.0	2.45	20	
D73316 (285467)	1.1	4.12	2	398	4.0	<1	3.23	<0.5	47	43.1	709	24.4	4.99	15	
D73317 (285468)	6.5	5.14	33	2370	32.4	<1	2.99	<0.5	74	24.8	320	18.5	2.71	18	
D73318 (285469)	7.0	5.36	36	2190	37.1	<1	3.02	<0.5	73	27.2	349	18.8	2.72	20	
D73319 (285470)	1.0	7.43	2	387	3.0	<1	2.42	<0.5	60	11.6	37.2	13.2	2.83	20	
D73320 (285471)	0.9	7.20	<1	277	1.0	<1	2.30	<0.5	48	9.0	28.0	10.6	2.96	20	

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## Certificate of Analysis

AGAT WORK ORDER: 19T481536

PROJECT: AGAT00663

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 17, 2019

DATE RECEIVED: Jun 18, 2019

DATE REPORTED: Jul 02, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D73321 (285472)		1.2	7.15	<1	337	1.1	<1	2.53	<0.5	53	14.7	29.5	7.5	3.66	21
D73322 (285473)		1.0	3.32	<1	698	<0.5	<1	6.16	<0.5	107	83.9	635	98.0	8.40	22
D73323 (285474)		1.3	7.74	<1	288	1.1	<1	2.62	<0.5	52	12.1	16.7	12.4	3.00	21
D73324 (285475)		1.7	8.27	<1	260	1.1	<1	3.27	<0.5	58	9.4	19.4	49.0	4.28	22
D73325 (285476)		1.3	6.66	2	157	1.9	2	2.06	0.7	48	8.3	28.8	61.2	4.14	18
D73326 (285477)		<0.5	7.34	<1	146	<0.5	<1	6.83	<0.5	7	39.4	176	152	8.25	23
D73327 (285478)		1.4	7.15	<1	193	1.0	1	2.37	1.1	57	9.9	26.0	69.4	4.73	19
D73328 (285479)		1.8	7.15	<1	240	0.8	<1	2.52	0.5	57	12.4	30.2	45.4	5.20	19
D73329 (285480)		1.5	8.21	<1	229	0.9	<1	3.18	<0.5	59	9.4	19.4	17.9	4.48	21
D73330 (285481)		<0.5	7.62	<1	1440	0.8	<1	7.93	<0.5	149	49.2	264	77.7	8.32	20
D73331 (285482)		<0.5	7.47	<1	1360	0.8	<1	8.32	<0.5	141	48.5	279	79.6	8.26	17
D73332 (285483)		<0.5	0.13	<1	14	<0.5	<1	31.4	<0.5	3	1.5	7.3	0.9	0.17	7
D73333 (285484)		0.8	6.30	<1	718	<0.5	<1	1.97	0.6	79	29.8	125	71.4	4.92	20
D73334 (285485)		<0.5	3.46	1	185	0.5	<1	0.18	<0.5	74	2.0	30.6	2.4	0.59	9
D73335 (285486)		<0.5	3.59	2	265	<0.5	3	0.16	<0.5	64	21.9	26.7	22.7	1.60	9
D73336 (285487)		<0.5	4.34	1	253	0.7	<1	0.19	<0.5	80	2.9	31.6	7.1	0.77	11
D73337 (285488)		<0.5	4.04	2	210	0.8	1	0.13	<0.5	82	7.6	37.7	31.1	1.23	11
D73338 (285489)		<0.5	4.31	3	212	0.8	1	0.13	<0.5	91	7.4	35.5	32.4	1.27	11
D73339 (285490)		0.9	4.04	<1	242	<0.5	4	0.14	0.6	80	8.8	26.6	99.4	3.92	12
D73340 (285491)		1.9	4.67	<1	314	<0.5	4	0.23	1.2	60	8.1	28.4	185	5.23	11
D73341 (285492)		0.8	7.46	2	141	0.7	<1	0.78	0.8	54	6.4	36.5	22.3	2.48	20
D73342 (285493)		0.8	7.87	3	103	0.8	<1	0.80	<0.5	55	8.0	27.7	11.9	1.94	20
D73343 (285494)		<0.5	4.30	4	272	<0.5	<1	0.12	<0.5	71	7.0	30.6	27.3	1.23	11
D73344 (285495)		<0.5	4.58	2	272	<0.5	<1	0.18	<0.5	63	10.4	43.0	19.3	1.88	11
D73345 (285496)		0.5	5.53	<1	389	0.9	<1	0.43	<0.5	58	14.5	40.7	12.4	1.55	15
D73346 (285497)		<0.5	7.28	<1	144	<0.5	<1	6.83	<0.5	7	40.2	191	154	8.26	23
D73347 (285498)		0.7	3.89	<1	679	1.4	<1	5.60	<0.5	127	64.8	471	76.0	6.81	19
D73348 (285499)		1.2	6.35	<1	262	0.6	<1	1.43	1.0	57	11.0	33.9	25.5	4.24	17
D73349 (285500)		1.0	5.91	<1	258	0.6	<1	1.68	0.9	65	19.3	97.5	29.0	4.53	17
D73350 (285501)		1.2	5.15	<1	230	<0.5	<1	0.45	0.6	59	9.4	48.9	30.0	4.19	14
D73351 (285502)		1.3	7.24	<1	220	1.0	<1	1.85	0.6	63	9.7	23.3	22.5	4.22	18
D73352 (285503)		<0.5	0.13	<1	16	<0.5	1	33.1	<0.5	2	0.5	4.0	<0.5	0.12	6

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T481536

PROJECT: AGAT00663

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 17, 2019		DATE RECEIVED: Jun 18, 2019					DATE REPORTED: Jul 02, 2019					SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
		0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5
D73353 (285504)		1.7	4.81	<1	239	<0.5	3	1.00	0.8	61	15.4	22.8	54.1	6.25	14
D73354 (285505)		0.5	5.20	<1	651	0.6	<1	0.80	<0.5	47	2.6	23.0	5.1	1.60	12
D73355 (285506)		1.4	5.13	<1	1260	<0.5	<1	0.75	0.8	52	8.4	30.8	31.7	4.26	14
D73356 (285507)		0.7	2.61	<1	100	<0.5	2	0.61	<0.5	16	24.7	29.9	40.5	4.74	8
D73357 (285508)		2.3	4.94	<1	121	<0.5	<1	0.51	1.9	63	10.2	24.6	36.2	5.59	<5
D73358 (285509)		2.2	4.84	<1	129	<0.5	1	0.51	1.9	64	10.2	21.3	37.2	5.37	<5
D73359 (285510)		1.8	6.26	<1	339	0.6	<1	1.23	1.6	70	8.7	23.9	26.9	4.33	8
D73360 (285511)		1.4	5.66	<1	847	0.6	<1	1.28	1.0	57	9.2	30.7	31.6	4.13	13

Certified By:



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AGAT WORK ORDER: 19T481536

PROJECT: AGAT00663

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 17, 2019	DATE RECEIVED: Jun 18, 2019					DATE REPORTED: Jul 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D73289 (285440)	<1	1.04	24	40	0.53	1190	1.5	2.82	1.8	977	<20	<50	0.16	<1	
D73290 (285441)	<1	2.08	55	81	9.20	1460	1.3	0.88	441	2000	<20	<50	0.25	<1	
D73291 (285442)	<1	2.12	55	85	10.7	1480	0.6	0.45	552	2110	<20	<50	0.22	<1	
D73292 (285443)	2	0.02	2	1	2.26	67	<0.5	0.04	3.5	104	<20	<50	0.02	<1	
D73293 (285444)	<1	2.27	57	80	9.99	1470	0.8	0.64	487	2160	<20	<50	0.19	<1	
D73294 (285445)	<1	1.58	51	57	11.0	1480	2.2	0.68	580	2090	<20	<50	0.16	<1	
D73295 (285446)	<1	0.97	26	54	0.67	1130	2.6	2.71	13.9	449	<20	<50	0.20	<1	
D73296 (285447)	<1	1.04	25	30	0.59	1220	2.6	2.27	8.8	474	<20	<50	0.16	<1	
D73297 (285448)	<1	1.13	27	40	0.53	1240	3.9	2.22	4.4	552	<20	<50	0.19	<1	
D73298 (285449)	<1	1.08	26	39	0.50	1140	3.4	2.17	3.7	512	<20	<50	0.20	<1	
D73299 (285450)	<1	1.10	25	49	0.56	1060	2.1	2.03	5.0	508	<20	<50	0.21	<1	
D73300 (285451)	<1	0.34	20	19	0.46	972	4.0	0.61	4.4	359	<20	<50	0.13	<1	
D73301 (285452)	<1	1.75	24	85	1.16	1080	1.6	1.78	11.5	580	<20	<50	0.15	<1	
D73302 (285453)	<1	1.11	25	44	0.56	1080	0.7	2.03	4.7	483	<20	<50	0.29	<1	
D73303 (285454)	<1	1.30	27	54	0.57	1130	2.3	2.16	3.9	516	<20	<50	0.27	<1	
D73304 (285455)	<1	1.14	24	35	0.45	963	1.6	2.56	7.7	416	<20	<50	0.19	<1	
D73305 (285456)	<1	0.96	24	23	0.26	904	1.6	2.73	2.8	460	<20	<50	0.21	<1	
D73306 (285457)	<1	0.43	11	10	4.02	1270	<0.5	2.31	109	959	<20	<50	0.08	<1	
D73307 (285458)	<1	1.19	23	23	0.31	985	1.6	2.69	4.6	389	<20	<50	0.32	<1	
D73308 (285459)	<1	0.83	23	18	0.27	883	1.6	2.77	2.5	492	<20	<50	0.21	<1	
D73309 (285460)	<1	1.06	21	18	0.27	719	1.8	2.74	2.4	439	<20	<50	0.42	<1	
D73310 (285461)	<1	1.45	24	13	0.26	667	2.0	3.18	2.6	384	<20	<50	0.17	<1	
D73311 (285462)	<1	0.92	23	13	0.25	780	1.3	3.03	2.8	457	<20	<50	0.25	<1	
D73312 (285463)	3	0.02	<2	1	3.61	99	<0.5	0.07	0.8	87	<20	<50	0.01	<1	
D73313 (285464)	<1	0.83	22	10	0.25	724	2.1	2.92	1.4	496	<20	<50	0.14	<1	
D73314 (285465)	<1	0.95	22	11	0.33	834	1.4	2.92	2.1	448	<20	<50	0.18	<1	
D73315 (285466)	<1	1.14	22	18	0.45	575	1.5	3.16	4.4	487	<20	<50	0.11	<1	
D73316 (285467)	<1	0.80	21	85	7.70	943	0.7	3.73	531	764	<20	<50	0.09	<1	
D73317 (285468)	<1	0.32	34	7	2.86	537	1.7	4.20	138	331	<20	<50	0.29	<1	
D73318 (285469)	<1	0.33	34	8	2.80	526	0.8	4.37	141	422	<20	<50	0.27	<1	
D73319 (285470)	<1	1.17	25	24	0.66	809	3.3	3.58	10.2	566	<20	<50	0.13	<1	
D73320 (285471)	<1	1.12	20	19	0.55	910	3.1	2.80	3.0	469	<20	<50	0.12	<1	

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## Certificate of Analysis

AGAT WORK ORDER: 19T481536

PROJECT: AGAT00663

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 17, 2019	DATE RECEIVED: Jun 18, 2019					DATE REPORTED: Jul 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D73321 (285472)	<1	1.34	23	33	0.87	1040	1.2	2.67	15.0	528	<20	<50	0.09	<1	
D73322 (285473)	<1	2.14	51	90	7.96	1340	<0.5	1.58	420	1810	<20	<50	0.15	<1	
D73323 (285474)	<1	1.41	22	33	0.66	744	0.7	2.65	6.8	417	<20	<50	0.19	<1	
D73324 (285475)	<1	1.41	25	29	0.74	1740	1.9	2.49	7.1	380	<20	<50	0.95	<1	
D73325 (285476)	<1	0.93	20	26	0.56	767	5.4	2.42	6.3	511	<20	<50	1.38	<1	
D73326 (285477)	<1	0.21	5	12	4.29	1410	<0.5	2.33	91.5	449	<20	<50	0.14	<1	
D73327 (285478)	<1	1.04	25	22	0.75	1830	3.2	2.55	6.9	722	<20	<50	1.24	<1	
D73328 (285479)	<1	1.15	25	27	1.00	2860	1.5	2.07	16.2	524	<20	<50	0.99	<1	
D73329 (285480)	<1	1.14	25	25	0.82	2260	1.4	2.33	4.5	473	<20	<50	0.52	<1	
D73330 (285481)	<1	1.75	66	24	4.84	1450	<0.5	2.09	110	4060	<20	<50	0.11	<1	
D73331 (285482)	<1	1.66	63	21	5.11	1500	<0.5	1.91	120	3560	<20	<50	0.09	<1	
D73332 (285483)	2	0.03	2	<1	2.05	58	<0.5	0.06	2.0	106	<20	<50	0.01	<1	
D73333 (285484)	<1	2.09	33	27	1.42	692	10.6	1.05	33.3	1320	<20	<50	1.48	<1	
D73334 (285485)	<1	0.47	28	25	0.19	96	2.2	0.45	2.7	303	<20	<50	0.04	<1	
D73335 (285486)	<1	0.75	25	7	0.14	137	2.9	0.15	9.0	489	<20	<50	0.88	<1	
D73336 (285487)	<1	0.77	31	9	0.20	136	2.7	0.50	3.7	380	<20	<50	0.13	<1	
D73337 (285488)	<1	0.66	32	31	0.07	111	4.1	0.68	9.0	358	<20	<50	0.52	<1	
D73338 (285489)	<1	0.68	35	32	0.07	115	3.5	0.72	9.1	361	<20	<50	0.56	<1	
D73339 (285490)	<1	0.91	32	44	0.28	2060	3.1	0.34	19.9	462	<20	<50	1.67	<1	
D73340 (285491)	<1	1.22	25	25	0.35	3810	2.9	0.46	23.9	472	<20	<50	2.31	<1	
D73341 (285492)	<1	3.56	23	11	0.65	2450	1.1	3.79	10.4	189	<20	<50	0.43	<1	
D73342 (285493)	<1	4.45	22	11	0.52	1380	2.2	3.99	10.3	185	<20	<50	0.19	<1	
D73343 (285494)	<1	1.10	28	20	0.12	180	3.6	0.22	9.3	376	<20	<50	0.41	<1	
D73344 (285495)	<1	1.31	24	12	0.38	1190	2.0	0.32	8.4	477	<20	<50	0.38	<1	
D73345 (285496)	<1	1.26	23	41	0.37	421	2.0	1.62	11.1	620	<20	<50	0.44	<1	
D73346 (285497)	<1	0.21	5	12	4.25	1410	<0.5	2.34	91.8	442	<20	<50	0.14	<1	
D73347 (285498)	<1	1.69	55	60	6.92	1200	1.1	0.74	373	1970	<20	<50	0.38	<1	
D73348 (285499)	<1	1.58	23	39	1.04	2020	1.2	1.53	13.0	580	<20	<50	0.61	<1	
D73349 (285500)	<1	1.65	27	44	2.01	2010	0.6	1.02	73.7	743	<20	<50	0.49	<1	
D73350 (285501)	<1	1.58	24	41	0.69	1770	2.9	0.37	5.2	535	<20	<50	0.80	<1	
D73351 (285502)	<1	1.53	25	36	0.90	1960	1.2	1.86	4.3	529	<20	<50	0.72	<1	
D73352 (285503)	1	0.03	3	2	1.85	58	<0.5	0.04	0.6	106	<20	<50	0.01	<1	

Certified By:



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PROJECT: AGAT00663

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 17, 2019	DATE RECEIVED: Jun 18, 2019					DATE REPORTED: Jul 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D73353 (285504)	<1	1.15	25	46	0.62	2170	12.5	0.71	6.1	536	<20	<50	2.50	<1	
D73354 (285505)	<1	1.09	18	23	0.40	648	2.4	1.54	0.9	589	<20	<50	0.46	<1	
D73355 (285506)	<1	1.28	20	54	0.64	2810	5.4	0.56	4.5	524	<20	<50	1.79	<1	
D73356 (285507)	<1	0.52	7	34	0.29	971	1400	0.64	6.6	170	<20	<50	2.85	<1	
D73357 (285508)	<1	1.16	25	29	0.75	9770	97.2	0.33	4.6	515	<20	<50	1.37	<1	
D73358 (285509)	<1	1.20	25	29	0.75	10400	83.2	0.36	4.0	509	<20	<50	1.30	<1	
D73359 (285510)	<1	1.40	27	33	0.79	6970	5.0	1.19	3.2	530	<20	<50	1.12	<1	
D73360 (285511)	<1	1.13	22	26	0.59	3370	4.1	1.23	4.6	493	<20	<50	1.58	<1	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 17, 2019	DATE RECEIVED: Jun 18, 2019					DATE REPORTED: Jul 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D73289 (285440)	14	<10	<5	187	<10	<10	<5	0.35	<5	<50	13.3	<1	33	117	
D73290 (285441)	22	<10	<5	809	<10	<10	<5	1.88	<5	<50	242	<1	21	100	
D73291 (285442)	22	<10	<5	767	<10	<10	<5	1.84	<5	<50	231	<1	19	89.2	
D73292 (285443)	<1	<10	<5	84	<10	<10	<5	0.02	<5	<50	1.6	<1	2	3.4	
D73293 (285444)	24	<10	<5	770	<10	<10	<5	2.05	<5	<50	253	<1	20	90.7	
D73294 (285445)	21	<10	<5	696	<10	<10	<5	1.68	<5	<50	215	<1	20	94.1	
D73295 (285446)	9	<10	<5	187	<10	<10	<5	0.25	<5	<50	30.9	<1	25	138	
D73296 (285447)	10	<10	<5	144	<10	<10	<5	0.25	<5	<50	29.3	<1	29	136	
D73297 (285448)	11	<10	<5	148	<10	<10	<5	0.27	<5	<50	26.8	<1	31	122	
D73298 (285449)	10	<10	<5	143	<10	<10	<5	0.26	<5	<50	25.8	<1	28	120	
D73299 (285450)	10	<10	<5	158	<10	<10	<5	0.26	<5	<50	32.1	<1	27	133	
D73300 (285451)	7	<10	<5	171	<10	<10	<5	0.17	<5	<50	33.0	308	25	79.3	
D73301 (285452)	12	<10	<5	166	<10	<10	<5	0.30	<5	<50	56.6	<1	28	178	
D73302 (285453)	8	<10	<5	145	<10	<10	<5	0.24	<5	<50	27.3	<1	23	121	
D73303 (285454)	10	<10	<5	146	<10	<10	<5	0.26	<5	<50	26.8	<1	25	146	
D73304 (285455)	11	<10	<5	148	<10	<10	<5	0.25	<5	<50	31.6	<1	23	165	
D73305 (285456)	12	<10	<5	154	<10	<10	<5	0.23	<5	<50	24.0	<1	24	91.7	
D73306 (285457)	35	<10	<5	253	<10	<10	<5	0.81	<5	<50	247	<1	23	83.8	
D73307 (285458)	11	<10	<5	148	<10	<10	<5	0.22	<5	<50	27.1	<1	22	84.5	
D73308 (285459)	11	<10	<5	155	<10	<10	<5	0.22	<5	<50	20.1	<1	26	95.3	
D73309 (285460)	10	<10	<5	158	<10	<10	<5	0.21	<5	<50	14.3	<1	22	86.3	
D73310 (285461)	10	<10	<5	144	<10	<10	<5	0.20	<5	<50	20.9	<1	17	43.6	
D73311 (285462)	12	<10	<5	156	<10	<10	<5	0.22	<5	<50	18.9	<1	22	89.1	
D73312 (285463)	<1	<10	<5	77	<10	<10	<5	<0.01	<5	<50	0.7	<1	2	4.3	
D73313 (285464)	10	<10	<5	155	<10	<10	<5	0.20	<5	<50	15.3	<1	19	52.6	
D73314 (285465)	11	<10	<5	164	<10	<10	<5	0.22	<5	<50	14.8	<1	20	63.6	
D73315 (285466)	9	<10	<5	153	<10	<10	<5	0.20	<5	<50	12.9	<1	17	60.6	
D73316 (285467)	14	<10	<5	279	<10	<10	<5	0.45	<5	<50	68.3	<1	27	94.3	
D73317 (285468)	37	<10	<5	257	<10	<10	<5	0.27	<5	<50	100	<1	139	46.7	
D73318 (285469)	41	<10	<5	263	<10	<10	<5	0.34	<5	<50	115	<1	153	49.5	
D73319 (285470)	11	<10	<5	160	<10	<10	<5	0.23	<5	<50	27.0	<1	25	272	
D73320 (285471)	11	<10	<5	159	<10	<10	<5	0.21	<5	<50	18.9	<1	24	75.1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 17, 2019	DATE RECEIVED: Jun 18, 2019					DATE REPORTED: Jul 02, 2019					SAMPLE TYPE: Drill Core				
Analyte: Unit: RDL:	Sc ppm 1	Se ppm 10	Sn ppm 5	Sr ppm 1	Ta ppm 10	Te ppm 10	Th ppm 5	Ti % 0.01	Tl ppm 5	U ppm 50	V ppm 0.5	W ppm 1	Y ppm 1	Zn ppm 0.5	
D73321 (285472)	10	<10	<5	185	<10	<10	<5	0.22	<5	<50	26.8	<1	24	116	
D73322 (285473)	23	<10	<5	637	<10	<10	<5	1.71	<5	<50	226	<1	25	103	
D73323 (285474)	10	<10	<5	200	<10	<10	<5	0.21	<5	<50	19.7	<1	19	131	
D73324 (285475)	12	<10	<5	217	<10	<10	<5	0.24	<5	<50	24.7	<1	29	134	
D73325 (285476)	8	<10	<5	216	<10	<10	<5	0.15	<5	<50	13.5	<1	13	160	
D73326 (285477)	46	<10	<5	122	<10	<10	<5	0.67	<5	<50	320	<1	23	78.3	
D73327 (285478)	11	<10	<5	279	<10	<10	<5	0.19	<5	<50	19.9	<1	22	216	
D73328 (285479)	10	<10	<5	192	<10	<10	<5	0.22	<5	<50	20.2	<1	34	172	
D73329 (285480)	13	<10	<5	225	<10	<10	<5	0.24	<5	<50	21.7	<1	35	114	
D73330 (285481)	27	<10	<5	1070	<10	<10	<5	0.60	<5	<50	194	<1	25	75.8	
D73331 (285482)	27	<10	<5	1040	<10	<10	<5	0.53	<5	<50	188	<1	24	72.6	
D73332 (285483)	<1	<10	<5	86	<10	<10	<5	0.01	<5	<50	2.1	<1	3	4.8	
D73333 (285484)	16	<10	<5	271	<10	<10	<5	0.30	<5	<50	60.2	<1	13	230	
D73334 (285485)	4	<10	<5	39	<10	<10	<5	0.05	<5	<50	8.5	<1	10	49.3	
D73335 (285486)	3	<10	<5	37	<10	<10	<5	0.04	<5	<50	7.4	<1	10	40.5	
D73336 (285487)	6	<10	<5	45	<10	<10	<5	0.06	<5	<50	9.8	<1	12	54.9	
D73337 (285488)	4	<10	<5	57	<10	<10	<5	0.05	<5	<50	11.2	<1	12	81.2	
D73338 (285489)	3	<10	<5	57	<10	<10	<5	0.05	<5	<50	10.8	<1	12	89.4	
D73339 (285490)	13	<10	<5	57	<10	<10	<5	0.11	<5	<50	17.4	<1	21	123	
D73340 (285491)	20	<10	<5	76	<10	<10	<5	0.10	<5	<50	16.3	<1	30	210	
D73341 (285492)	16	<10	<5	57	<10	<10	<5	0.19	<5	<50	50.3	<1	12	175	
D73342 (285493)	8	<10	<5	55	<10	<10	<5	0.22	<5	<50	42.7	<1	8	104	
D73343 (285494)	5	<10	<5	38	<10	<10	<5	0.09	<5	<50	15.9	<1	10	42.1	
D73344 (285495)	12	<10	<5	44	<10	<10	<5	0.15	<5	<50	20.3	<1	16	116	
D73345 (285496)	7	<10	<5	113	<10	<10	<5	0.16	<5	<50	22.3	<1	10	235	
D73346 (285497)	46	<10	<5	119	<10	<10	<5	0.67	<5	<50	319	<1	23	80.7	
D73347 (285498)	15	<10	<5	800	<10	<10	<5	1.15	<5	<50	174	<1	21	199	
D73348 (285499)	11	<10	<5	142	<10	<10	<5	0.27	<5	<50	23.9	<1	28	222	
D73349 (285500)	10	<10	<5	160	<10	<10	<5	0.42	<5	<50	42.2	<1	24	219	
D73350 (285501)	10	<10	<5	51	<10	<10	<5	0.24	<5	<50	18.8	<1	23	197	
D73351 (285502)	10	<10	<5	98	<10	<10	<5	0.25	<5	<50	19.9	<1	25	271	
D73352 (285503)	<1	<10	<5	80	<10	<10	<5	<0.01	<5	<50	<0.5	<1	3	5.6	

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## Certificate of Analysis

AGAT WORK ORDER: 19T481536

PROJECT: AGAT00663

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 17, 2019	DATE RECEIVED: Jun 18, 2019					DATE REPORTED: Jul 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D73353 (285504)	8	<10	<5	367	<10	<10	<5	0.19	<5	<50	17.7	<1	22	261	
D73354 (285505)	3	<10	<5	91	<10	<10	<5	0.08	<5	<50	8.2	<1	10	109	
D73355 (285506)	11	<10	<5	205	<10	<10	<5	0.18	<5	<50	16.8	<1	27	184	
D73356 (285507)	4	<10	<5	256	<10	<10	<5	0.09	<5	<50	<0.5	<1	8	95.3	
D73357 (285508)	18	<10	<5	49	<10	<10	<5	0.18	<5	<50	17.7	<1	59	320	
D73358 (285509)	19	<10	<5	51	<10	<10	<5	0.18	<5	<50	18.2	<1	60	320	
D73359 (285510)	12	<10	<5	178	<10	<10	<5	0.20	<5	<50	18.4	<1	37	352	
D73360 (285511)	9	<10	<5	197	<10	<10	<5	0.16	<5	<50	15.5	<1	24	275	

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## Certificate of Analysis

AGAT WORK ORDER: 19T481536

PROJECT: AGAT00663

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 17, 2019      DATE RECEIVED: Jun 18, 2019      DATE REPORTED: Jul 02, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D73289 (285440)				205
D73290 (285441)				216
D73291 (285442)				200
D73292 (285443)				<5
D73293 (285444)				227
D73294 (285445)				196
D73295 (285446)				159
D73296 (285447)				180
D73297 (285448)				186
D73298 (285449)				180
D73299 (285450)				179
D73300 (285451)				95
D73301 (285452)				174
D73302 (285453)				162
D73303 (285454)				168
D73304 (285455)				162
D73305 (285456)				172
D73306 (285457)				90
D73307 (285458)				159
D73308 (285459)				168
D73309 (285460)				159
D73310 (285461)				144
D73311 (285462)				137
D73312 (285463)				<5
D73313 (285464)				121
D73314 (285465)				138
D73315 (285466)				187
D73316 (285467)				200
D73317 (285468)				>1000
D73318 (285469)				>1000
D73319 (285470)				195
D73320 (285471)				169

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AGAT WORK ORDER: 19T481536

PROJECT: AGAT00663

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 17, 2019      DATE RECEIVED: Jun 18, 2019      DATE REPORTED: Jul 02, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D73321 (285472)				207
D73322 (285473)				236
D73323 (285474)				232
D73324 (285475)				237
D73325 (285476)				144
D73326 (285477)				55
D73327 (285478)				132
D73328 (285479)				206
D73329 (285480)				236
D73330 (285481)				132
D73331 (285482)				113
D73332 (285483)				<5
D73333 (285484)				82
D73334 (285485)				28
D73335 (285486)				35
D73336 (285487)				53
D73337 (285488)				42
D73338 (285489)				39
D73339 (285490)				31
D73340 (285491)				34
D73341 (285492)				65
D73342 (285493)				79
D73343 (285494)				33
D73344 (285495)				54
D73345 (285496)				55
D73346 (285497)				55
D73347 (285498)				115
D73348 (285499)				174
D73349 (285500)				140
D73350 (285501)				152
D73351 (285502)				188
D73352 (285503)				<5

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AGAT WORK ORDER: 19T481536

PROJECT: AGAT00663

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 17, 2019

DATE RECEIVED: Jun 18, 2019

DATE REPORTED: Jul 02, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D73353 (285504)	157
D73354 (285505)	81
D73355 (285506)	137
D73356 (285507)	56
D73357 (285508)	120
D73358 (285509)	119
D73359 (285510)	111
D73360 (285511)	96

Comments: RDL - Reported Detection Limit

285440-285511 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

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AGAT WORK ORDER: 19T481536

PROJECT: AGAT00663

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 17, 2019      DATE RECEIVED: Jun 18, 2019      DATE REPORTED: Jul 02, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D73289 (285440)		0.003	
D73290 (285441)		0.001	
D73291 (285442)		0.001	
D73292 (285443)		<0.001	
D73293 (285444)		0.001	
D73294 (285445)		0.002	
D73295 (285446)		0.001	
D73296 (285447)		0.001	
D73297 (285448)		0.002	
D73298 (285449)		0.002	
D73299 (285450)		0.004	
D73300 (285451)		0.004	
D73301 (285452)		0.002	
D73302 (285453)		0.003	
D73303 (285454)		0.005	
D73304 (285455)		0.002	
D73305 (285456)		0.004	
D73306 (285457)		0.339	
D73307 (285458)		0.004	
D73308 (285459)		0.001	
D73309 (285460)		0.002	
D73310 (285461)		0.002	
D73311 (285462)		0.001	
D73312 (285463)		<0.001	
D73313 (285464)		0.002	
D73314 (285465)		0.002	
D73315 (285466)		0.008	
D73316 (285467)		0.002	
D73317 (285468)		0.002	
D73318 (285469)		0.002	
D73319 (285470)		0.002	
D73320 (285471)		0.001	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T481536

PROJECT: AGAT00663

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 17, 2019      DATE RECEIVED: Jun 18, 2019      DATE REPORTED: Jul 02, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D73321 (285472)			0.001
D73322 (285473)			0.003
D73323 (285474)			0.001
D73324 (285475)			0.006
D73325 (285476)			0.007
D73326 (285477)			0.525
D73327 (285478)			0.010
D73328 (285479)			0.009
D73329 (285480)			0.004
D73330 (285481)			0.004
D73331 (285482)			0.003
D73332 (285483)			<0.001
D73333 (285484)			0.009
D73334 (285485)			0.002
D73335 (285486)			0.004
D73336 (285487)			0.001
D73337 (285488)			0.003
D73338 (285489)			0.004
D73339 (285490)			0.008
D73340 (285491)			0.020
D73341 (285492)			0.004
D73342 (285493)			0.003
D73343 (285494)			0.012
D73344 (285495)			0.003
D73345 (285496)			0.004
D73346 (285497)			0.554
D73347 (285498)			0.003
D73348 (285499)			0.003
D73349 (285500)			0.058
D73350 (285501)			0.011
D73351 (285502)			0.009
D73352 (285503)			<0.001

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## Certificate of Analysis

AGAT WORK ORDER: 19T481536

PROJECT: AGAT00663

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 17, 2019      DATE RECEIVED: Jun 18, 2019      DATE REPORTED: Jul 02, 2019      SAMPLE TYPE: Drill Core

Analyte:	Unit:	RDL:
Au	ppm	0.001
Sample ID (AGAT ID)		
D73353 (285504)		0.009
D73354 (285505)		0.026
D73355 (285506)		0.004
D73356 (285507)		0.029
D73357 (285508)		0.007
D73358 (285509)		0.004
D73359 (285510)		0.006
D73360 (285511)		0.006

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T481536

PROJECT: AGAT00663

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Jun 17, 2019

DATE RECEIVED: Jun 18, 2019

DATE REPORTED: Jul 02, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D73289 (285440)		83.00
D73308 (285459)		83.71
D73325 (285476)		84.42
D73328 (285479)		83.66
D73343 (285494)		76.08
D73344 (285495)		79.34
D73348 (285499)		79.31

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	285440	1.1	1.1	0.0%	285454	1.1	1.0	9.5%	285465	0.7	0.7	0.0%	285479	1.8	1.8	0.0%
Al	285440	8.07	8.35	3.4%	285454	7.38	7.45	0.9%	285465	7.85	7.53	4.2%	285479	7.15	7.43	3.8%
As	285440	< 1	< 1	0.0%	285454	< 1	< 1	0.0%	285465	< 1	< 1	0.0%	285479	< 1	< 1	0.0%
Ba	285440	392	393	0.3%	285454	325	337	3.6%	285465	273	272	0.4%	285479	240	257	6.8%
Be	285440	0.7	0.63	4.7%	285454	0.7	0.7	0.0%	285465	0.6	0.6	0.0%	285479	0.85	0.90	5.7%
Bi	285440	< 1	< 1	0.0%	285454	< 1	< 1	0.0%	285465	< 1	< 1	0.0%	285479	< 1	< 1	0.0%
Ca	285440	2.84	2.78	2.1%	285454	2.35	2.39	1.7%	285465	2.58	2.35	9.3%	285479	2.52	2.66	5.4%
Cd	285440	< 0.5	< 0.5	0.0%	285454	< 0.5	< 0.5	0.0%	285465	< 0.5	< 0.5	0.0%	285479	0.5	0.4	22.2%
Ce	285440	54	45	18.2%	285454	60	54	10.5%	285465	51	59	14.5%	285479	57	58	1.7%
Co	285440	11.1	10.7	3.7%	285454	9.5	10.2	7.1%	285465	8.93	9.25	3.5%	285479	12.4	12.3	0.8%
Cr	285440	19.4	17.4	10.9%	285454	25.9	27.1	4.5%	285465	22.7	23.3	2.6%	285479	30.2	28.2	6.8%
Cu	285440	17.9	17.4	2.8%	285454	20.5	20.6	0.5%	285465	15.9	14.6	8.5%	285479	45.4	49.7	9.0%
Fe	285440	4.12	4.19	1.7%	285454	3.36	3.44	2.4%	285465	3.42	3.23	5.7%	285479	5.20	5.48	5.2%
Ga	285440	20	21	4.9%	285454	20	20	0.0%	285465	20	20	0.0%	285479	19	20	5.1%
In	285440	< 1	< 1	0.0%	285454	< 1	< 1	0.0%	285465	< 1	< 1	0.0%	285479	< 1	< 1	0.0%
K	285440	1.04	1.11	6.5%	285454	1.30	1.33	2.3%	285465	0.950	0.911	4.2%	285479	1.15	1.20	4.3%
La	285440	24	20	18.2%	285454	27	24	11.8%	285465	22	26	16.7%	285479	25	25	0.0%
Li	285440	40	43	7.2%	285454	54	55	1.8%	285465	11	11	0.0%	285479	27	28	3.6%
Mg	285440	0.53	0.557	5.2%	285454	0.57	0.58	1.7%	285465	0.332	0.303	9.1%	285479	1.00	1.05	4.9%
Mn	285440	1190	1250	4.9%	285454	1130	1170	3.5%	285465	834	771	7.9%	285479	2860	2960	3.4%
Mo	285440	1.5	1.5	0.0%	285454	2.3	1.7		285465	1.38	1.85	29.1%	285479	1.5	1.0	
Na	285440	2.82	2.77	1.8%	285454	2.16	2.21	2.3%	285465	2.92	2.86	2.1%	285479	2.07	2.20	6.1%
Ni	285440	1.8	1.2		285454	3.94	4.13	4.7%	285465	2.1	2.1	0.0%	285479	16.2	15.7	3.1%
P	285440	977	859	12.9%	285454	516	528	2.3%	285465	448	455	1.6%	285479	524	517	1.3%
Pb	285440	< 20	< 20	0.0%	285454	< 20	< 20	0.0%	285465	< 20	< 20	0.0%	285479	< 20	< 20	0.0%
Rb	285440	< 50	< 50	0.0%	285454	< 50	< 50	0.0%	285465	< 50	< 50	0.0%	285479	< 50	< 50	0.0%
S	285440	0.16	0.16	0.0%	285454	0.272	0.280	2.9%	285465	0.178	0.159	11.3%	285479	0.99	1.08	8.7%
Sb	285440	< 1	< 1	0.0%	285454	< 1	< 1	0.0%	285465	< 1	< 1	0.0%	285479	< 1	< 1	0.0%
Sc	285440	14	14	0.0%	285454	10	11	9.5%	285465	11	11	0.0%	285479	10	10	0.0%
Se	285440	< 10	< 10	0.0%	285454	< 10	< 10	0.0%	285465	< 10	< 10	0.0%	285479	< 10	< 10	0.0%
Sn	285440	< 5	< 5	0.0%	285454	< 5	< 5	0.0%	285465	< 5	< 5	0.0%	285479	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	285440	187	189	1.1%	285454	146	146	0.0%	285465	164	158	3.7%	285479	192	199	3.6%
Ta	285440	< 10	< 10	0.0%	285454	< 10	< 10	0.0%	285465	< 10	< 10	0.0%	285479	< 10	< 10	0.0%
Te	285440	< 10	< 10	0.0%	285454	< 10	< 10	0.0%	285465	< 10	< 10	0.0%	285479	< 10	< 10	0.0%
Th	285440	< 5	< 5	0.0%	285454	< 5	< 5	0.0%	285465	< 5	< 5	0.0%	285479	< 5	< 5	0.0%
Ti	285440	0.35	0.361	1.7%	285454	0.261	0.268	2.6%	285465	0.222	0.215	3.2%	285479	0.22	0.23	4.4%
Tl	285440	< 5	< 5	0.0%	285454	< 5	< 5	0.0%	285465	< 5	< 5	0.0%	285479	< 5	< 5	0.0%
U	285440	< 50	< 50	0.0%	285454	< 50	< 50	0.0%	285465	< 50	< 50	0.0%	285479	< 50	< 50	0.0%
V	285440	13.3	14.1	5.8%	285454	26.8	28.1	4.7%	285465	14.8	15.7	5.9%	285479	20.2	19.3	4.6%
W	285440	< 1	< 1	0.0%	285454	< 1	< 1	0.0%	285465	< 1	< 1	0.0%	285479	< 1	< 1	0.0%
Y	285440	33	32	3.1%	285454	25	26	3.9%	285465	20	20	0.0%	285479	34	35	2.9%
Zn	285440	117	118	0.9%	285454	146	152	4.0%	285465	63.6	60.6	4.8%	285479	172	184	6.7%
Zr	285440	205	195	5.0%	285454	168	167	0.6%	285465	138	136	1.5%	285479	206	206	0.0%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	285490	0.86	0.83	3.6%	285504	1.74	1.77	1.7%								
Al	285490	4.04	4.09	1.2%	285504	4.81	4.77	0.8%								
As	285490	< 1	< 1	0.0%	285504	< 1	< 1	0.0%								
Ba	285490	242	239	1.2%	285504	239	245	2.5%								
Be	285490	< 0.5	< 0.5	0.0%	285504	< 0.5	< 0.5	0.0%								
Bi	285490	4	4	0.0%	285504	3	1									
Ca	285490	0.14	0.14	0.0%	285504	1.00	1.03	3.0%								
Cd	285490	0.6	0.6	0.0%	285504	0.8	0.9	11.8%								
Ce	285490	80	80	0.0%	285504	61	61	0.0%								
Co	285490	8.83	9.02	2.1%	285504	15.4	15.2	1.3%								
Cr	285490	26.6	27.7	4.1%	285504	22.8	25.2	10.0%								
Cu	285490	99.4	102	2.6%	285504	54.1	56.5	4.3%								
Fe	285490	3.92	3.91	0.3%	285504	6.25	6.38	2.1%								
Ga	285490	12	12	0.0%	285504	14	16	13.3%								
In	285490	< 1	< 1	0.0%	285504	< 1	< 1	0.0%								
K	285490	0.912	0.929	1.8%	285504	1.15	1.13	1.8%								
La	285490	32	32	0.0%	285504	25	24	4.1%								
Li	285490	44	47	6.6%	285504	46	47	2.2%								
Mg	285490	0.28	0.28	0.0%	285504	0.619	0.610	1.5%								
Mn	285490	2060	1910	7.6%	285504	2170	2170	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	285490	3.06	2.97	3.0%	285504	12.5	12.8	2.4%								
Na	285490	0.341	0.347	1.7%	285504	0.71	0.74	4.1%								
Ni	285490	19.9	19.8	0.5%	285504	6.1	6.1	0.0%								
P	285490	462	479	3.6%	285504	536	537	0.2%								
Pb	285490	< 20	< 20	0.0%	285504	< 20	< 20	0.0%								
Rb	285490	< 50	< 50	0.0%	285504	< 50	< 50	0.0%								
S	285490	1.67	1.66	0.6%	285504	2.50	2.55	2.0%								
Sb	285490	< 1	< 1	0.0%	285504	< 1	< 1	0.0%								
Sc	285490	13	13	0.0%	285504	8	8	0.0%								
Se	285490	< 10	< 10	0.0%	285504	< 10	< 10	0.0%								
Sn	285490	< 5	< 5	0.0%	285504	< 5	< 5	0.0%								
Sr	285490	57	58	1.7%	285504	367	379	3.2%								
Ta	285490	< 10	< 10	0.0%	285504	< 10	< 10	0.0%								
Te	285490	< 10	< 10	0.0%	285504	< 10	< 10	0.0%								
Th	285490	< 5	< 5	0.0%	285504	< 5	< 5	0.0%								
Ti	285490	0.11	0.11	0.0%	285504	0.19	0.19	0.0%								
Tl	285490	< 5	< 5	0.0%	285504	< 5	< 5	0.0%								
U	285490	< 50	< 50	0.0%	285504	< 50	< 50	0.0%								
V	285490	17.4	17.1	1.7%	285504	17.7	16.5	7.0%								
W	285490	< 1	< 1	0.0%	285504	< 1	< 1	0.0%								
Y	285490	21	21	0.0%	285504	22	22	0.0%								
Zn	285490	123	125	1.6%	285504	261	261	0.0%								
Zr	285490	31	31	0.0%	285504	157	152	3.2%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	285440	0.003	0.001		285454	0.005	0.005	0.0%	285465	0.0017	0.0014	19.4%	285479	0.009	0.009	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	285490	0.008	0.010	22.2%	285504	0.009	0.005									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.SY-4)				CRM #3 (ref.Till-2)				CRM #4 (ref.GTS-2a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	11.38	104%	90% - 110%					8.17	8.48	104%	90% - 110%	6.96	7.06	101%	90% - 110%
As									26	24	92%	90% - 110%	124	119	96%	90% - 110%
Ba	340	339	100%	90% - 110%					540	526	97%	90% - 110%	186	181	98%	90% - 110%
Be	2.6	2.6	99%	90% - 110%					4.0	2.9	71%	90% - 110%				
Ca	5.72	5.61	98%	90% - 110%					0.907	0.879	97%	90% - 110%	4.01	3.96	99%	90% - 110%
Ce	122	115	95%	90% - 110%					98	105	107%	90% - 110%	24	23	95%	90% - 110%
Co													22.1	21.0	95%	90% - 110%
Cr									60.3	61	101%	90% - 110%				
Cu									150	155	103%	90% - 110%	88.6	86.3	97%	90% - 110%
Fe	4.34	4.29	99%	90% - 110%					3.77	3.78	100%	90% - 110%	7.56	7.63	101%	90% - 110%
Ga	35	37	106%	90% - 110%	35	38	110%	90% - 110%								
K	1.37	1.5	109%	90% - 110%									2.021	2.106	104%	90% - 110%
La	58	52	90%	90% - 110%					44	44	100%	90% - 110%				
Li	37	39	105%	90% - 110%					47	48	101%	90% - 110%				
Mg	0.325	0.306	94%	90% - 110%					1.10	1.08	99%	90% - 110%	2.412	2.438	101%	90% - 110%
Mn									780	768	99%	90% - 110%	1510	1490	99%	90% - 110%
Mo									14	13	92%	90% - 110%				
Na	5.267	5.58	106%	90% - 110%					1.624	1.758	108%	90% - 110%	0.617	0.643	104%	90% - 110%
Ni									32	32	99%	90% - 110%	77.1	73.7	96%	90% - 110%
P									750	791	105%	90% - 110%	892	969	109%	90% - 110%
Pb									31	28	90%	90% - 110%				
S													0.348	0.322	92%	90% - 110%
Sc	1.1	0.8	77%	90% - 110%					12	12	103%	90% - 110%				
Sr	1191	1274	107%	90% - 110%					144	155	108%	90% - 110%	92.8	93.6	101%	90% - 110%
Ti	0.172	0.168	97%	90% - 110%					0.53	0.48	91%	90% - 110%				
V									77	79	102%	90% - 110%				
Y	119	117	98%	90% - 110%												
Zn	93	95	102%	90% - 110%					130	122	94%	90% - 110%	208	221	106%	90% - 110%
	CRM #5 (ref.SY-4)															
Parameter	Expect	Actual	Recovery	Limits												
Al	10.95	11.15	102%	90% - 110%												



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Ba	340	339	100%	90% - 110%													
Be	2.6	2.6	99%	90% - 110%													
Ca	5.72	5.79	101%	90% - 110%													
Ce	122	134	110%	90% - 110%													
Fe	4.34	4.33	100%	90% - 110%													
Ga	35	38	109%	90% - 110%													
K	1.37	1.48	108%	90% - 110%													
La	58	55	94%	90% - 110%													
Li	37	38	102%	90% - 110%													
Mg	0.325	0.31	95%	90% - 110%													
Na	5.267	5.591	106%	90% - 110%													
Sc	1.1	0.9	79%	90% - 110%													
Sr	1191	1254	105%	90% - 110%													
Ti	0.172	0.169	98%	90% - 110%													
V	8	6	76%	90% - 110%													
Y	119	122	102%	90% - 110%													
Zn	93	95	102%	90% - 110%													

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP7M)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.27	5.13	97%	90% - 110%	6.87	7.07	103%	90% - 110%	0.725	0.725	100%	90% - 110%	0.562	0.533	95%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00663  
 SAMPLING SITE:

AGAT WORK ORDER: 19T481536  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00664

AGAT WORK ORDER: 19T482200

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jul 03, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T482200

PROJECT: AGAT00664

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Jun 18, 2019      DATE RECEIVED: Jun 19, 2019      DATE REPORTED: Jul 03, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D61810 (289274)		3.17
D61811 (289275)		2.25
D61812 (289276)		0.68
D61813 (289277)		2.73
D61814 (289278)		3.42
D61815 (289279)		3.41
D61816 (289280)		3.07
D61817 (289281)		1.52
D61818 (289282)		1.52
D61819 (289283)		2.43
D61820 (289284)		1.77
D61821 (289285)		1.87
D61822 (289286)		0.84
D61823 (289287)		2.28
D61824 (289288)		2.88
D61825 (289289)		2.44
D61826 (289290)		0.07
D61827 (289291)		0.78
D61828 (289292)		2.59
D61829 (289293)		1.59
D61830 (289294)		1.99
D61831 (289295)		2.19
D61832 (289296)		0.62
D61833 (289297)		2.19
D61834 (289298)		1.51
D61835 (289299)		1.94
D61836 (289300)		4.00
D61837 (289301)		2.43
D61838 (289302)		2.43
D61839 (289303)		3.09
D61840 (289304)		2.01

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T482200

PROJECT: AGAT00664

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Jun 18, 2019      DATE RECEIVED: Jun 19, 2019      DATE REPORTED: Jul 03, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D61841 (289305)		2.12
D61842 (289306)		2.29
D61843 (289307)		2.33
D61844 (289308)		2.13
D61845 (289309)		2.34
D61846 (289310)		0.07
D61847 (289311)		1.93
D61848 (289312)		2.29
D61849 (289313)		2.80
D61850 (289314)		3.40
D61851 (289315)		1.96
D61852 (289316)		0.52
D61853 (289317)		1.53
D61854 (289318)		2.70
D61855 (289319)		2.21
D61856 (289320)		2.30
D61857 (289321)		1.76
D61858 (289322)		1.76
D61859 (289323)		2.03
D61860 (289324)		1.01
D61861 (289325)		1.15
D61862 (289326)		2.35
D61863 (289327)		0.78
D61864 (289328)		1.70
D61865 (289329)		2.91
D61866 (289330)		0.07
D61867 (289331)		1.74
D61868 (289332)		1.77
D61869 (289333)		2.36
D61870 (289334)		3.25
D61871 (289335)		1.63

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T482200

PROJECT: AGAT00664

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Jun 18, 2019	DATE RECEIVED: Jun 19, 2019	DATE REPORTED: Jul 03, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D61872 (289336)		0.61
D61873 (289337)		2.85
D61874 (289338)		1.63
D61875 (289339)		3.13
D61876 (289340)		3.19
D61877 (289341)		3.10
D61878 (289342)		3.10
D61879 (289343)		2.04
D61880 (289344)		2.97
D61881 (289345)		3.37
D61882 (289346)		2.51

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T482200

PROJECT: AGAT00664

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 18, 2019	DATE RECEIVED: Jun 19, 2019					DATE REPORTED: Jul 03, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D61810 (289274)	<0.5	8.67	<1	291	<0.5	<1	5.53	<0.5	43	45.0	70.9	59.0	6.93	25	
D61811 (289275)	<0.5	8.30	<1	210	<0.5	<1	6.59	<0.5	45	49.2	70.9	61.6	5.80	24	
D61812 (289276)	<0.5	0.06	<1	18	<0.5	<1	32.3	<0.5	1	<0.5	3.6	<0.5	0.12	5	
D61813 (289277)	<0.5	9.33	<1	374	<0.5	<1	5.59	<0.5	51	54.1	84.5	74.2	6.65	26	
D61814 (289278)	<0.5	9.31	<1	274	<0.5	<1	6.22	<0.5	33	62.5	114	79.3	6.63	25	
D61815 (289279)	<0.5	9.25	<1	261	<0.5	<1	6.20	<0.5	34	60.8	122	68.6	6.93	25	
D61816 (289280)	<0.5	8.98	<1	311	<0.5	<1	6.03	<0.5	63	47.3	83.9	68.8	6.08	26	
D61817 (289281)	<0.5	8.09	<1	187	<0.5	<1	7.41	<0.5	23	58.5	138	176	10.0	27	
D61818 (289282)	<0.5	7.96	<1	182	<0.5	<1	7.24	<0.5	24	61.0	144	182	9.77	27	
D61819 (289283)	<0.5	7.83	<1	172	1.1	<1	7.30	<0.5	19	54.9	139	159	9.27	26	
D61820 (289284)	<0.5	8.15	<1	469	0.9	<1	4.46	<0.5	105	23.0	30.9	45.4	3.61	22	
D61821 (289285)	<0.5	8.13	<1	425	1.5	<1	3.89	<0.5	95	16.6	25.5	17.9	3.34	22	
D61822 (289286)	<0.5	8.31	<1	200	<0.5	<1	7.30	<0.5	24	53.9	130	154	9.11	24	
D61823 (289287)	<0.5	8.32	<1	522	1.0	<1	3.97	<0.5	97	15.4	21.7	14.5	3.28	23	
D61824 (289288)	<0.5	8.31	<1	423	1.3	<1	3.84	<0.5	97	16.5	23.0	16.2	3.21	22	
D61825 (289289)	<0.5	8.50	<1	437	0.8	<1	3.88	<0.5	101	18.1	21.0	21.9	3.40	23	
D61826 (289290)	<0.5	7.65	<1	192	<0.5	<1	6.54	<0.5	16	47.1	156	109	7.69	25	
D61827 (289291)	<0.5	8.13	<1	436	0.7	<1	3.23	<0.5	90	17.2	20.8	7.5	3.32	20	
D61828 (289292)	<0.5	8.30	<1	453	0.9	<1	3.75	<0.5	79	15.1	19.2	18.5	2.94	22	
D61829 (289293)	<0.5	8.16	<1	351	0.7	<1	3.96	<0.5	68	15.4	18.3	9.5	2.97	22	
D61830 (289294)	<0.5	8.22	<1	388	0.7	<1	3.88	<0.5	75	17.5	21.2	31.4	3.14	23	
D61831 (289295)	<0.5	8.17	<1	375	0.7	<1	3.93	<0.5	70	16.5	18.1	19.4	3.08	22	
D61832 (289296)	<0.5	0.09	<1	17	<0.5	<1	33.2	<0.5	1	0.5	4.3	<0.5	0.10	6	
D61833 (289297)	<0.5	8.75	<1	367	0.7	<1	4.49	<0.5	73	18.8	21.5	19.9	3.25	23	
D61834 (289298)	<0.5	8.88	<1	488	0.7	<1	4.33	<0.5	58	17.2	20.5	28.3	3.35	25	
D61835 (289299)	<0.5	7.74	<1	164	<0.5	<1	5.59	<0.5	20	56.9	73.2	65.3	8.27	29	
D61836 (289300)	<0.5	8.15	<1	225	<0.5	<1	5.78	<0.5	18	54.2	68.8	77.6	9.41	31	
D61837 (289301)	<0.5	8.29	<1	241	<0.5	<1	6.13	<0.5	20	52.5	81.0	72.9	8.51	26	
D61838 (289302)	<0.5	8.51	<1	250	<0.5	<1	6.32	<0.5	21	52.6	80.5	74.7	8.77	27	
D61839 (289303)	<0.5	8.71	<1	100	<0.5	<1	6.77	<0.5	22	50.7	84.6	73.9	8.20	27	
D61840 (289304)	<0.5	8.11	<1	205	<0.5	<1	6.07	<0.5	19	50.8	82.2	83.6	8.46	27	
D61841 (289305)	<0.5	8.28	<1	569	<0.5	<1	5.62	<0.5	19	53.1	71.0	63.9	9.22	28	

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T482200

PROJECT: AGAT00664

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 18, 2019	DATE RECEIVED: Jun 19, 2019		DATE REPORTED: Jul 03, 2019		SAMPLE TYPE: Drill Core									
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5
D61842 (289306)	<0.5	7.87	<1	335	<0.5	<1	5.45	<0.5	20	54.3	77.3	85.5	9.79	29
D61843 (289307)	<0.5	7.99	<1	137	<0.5	<1	6.36	<0.5	21	51.5	79.8	78.3	7.49	26
D61844 (289308)	<0.5	8.41	<1	67	<0.5	<1	6.56	<0.5	20	53.2	84.2	96.0	9.15	27
D61845 (289309)	0.7	8.33	<1	144	<0.5	<1	6.30	<0.5	20	50.0	81.2	67.5	8.14	25
D61846 (289310)	<0.5	7.45	<1	147	<0.5	<1	6.95	<0.5	5	45.6	144	156	7.97	22
D61847 (289311)	<0.5	7.94	<1	99	0.7	<1	5.96	<0.5	16	47.1	67.8	80.3	7.36	27
D61848 (289312)	1.0	7.55	<1	295	0.8	<1	1.32	<0.5	19	7.3	12.3	41.7	1.68	19
D61849 (289313)	<0.5	7.27	<1	362	0.7	<1	0.74	<0.5	21	1.1	11.4	1.4	0.82	14
D61850 (289314)	0.6	7.10	1	302	0.7	<1	0.87	<0.5	32	1.1	10.9	0.6	0.82	13
D61851 (289315)	<0.5	6.24	2	333	<0.5	<1	0.66	<0.5	10	0.6	12.1	1.2	0.69	11
D61852 (289316)	<0.5	0.06	<1	14	<0.5	<1	32.3	<0.5	1	<0.5	3.3	<0.5	0.11	6
D61853 (289317)	<0.5	5.06	<1	171	0.6	<1	1.00	<0.5	13	6.5	16.7	0.6	2.41	17
D61854 (289318)	<0.5	8.50	<1	116	<0.5	<1	5.35	<0.5	47	46.4	74.5	74.7	6.77	26
D61855 (289319)	<0.5	8.25	<1	207	<0.5	<1	6.36	<0.5	20	53.4	83.4	75.7	8.58	25
D61856 (289320)	<0.5	8.18	<1	244	<0.5	<1	6.65	<0.5	20	52.9	77.4	79.6	8.93	27
D61857 (289321)	<0.5	8.52	<1	114	<0.5	<1	6.25	<0.5	20	52.6	77.3	101	7.70	25
D61858 (289322)	<0.5	8.15	<1	109	<0.5	<1	6.05	<0.5	21	53.9	78.0	98.2	7.47	27
D61859 (289323)	<0.5	7.27	1	274	1.1	<1	1.10	<0.5	11	1.6	12.6	2.0	0.94	17
D61860 (289324)	0.5	7.30	<1	233	1.0	<1	1.29	<0.5	11	1.5	13.8	2.2	0.97	15
D61861 (289325)	<0.5	7.23	<1	193	1.2	<1	6.13	<0.5	24	50.7	128	80.4	8.04	27
D61862 (289326)	<0.5	8.02	<1	221	<0.5	<1	6.44	<0.5	21	53.0	69.7	78.3	8.13	26
D61863 (289327)	<0.5	5.35	<1	1970	1.2	<1	10.8	<0.5	228	41.8	118	58.7	7.46	17
D61864 (289328)	<0.5	7.87	<1	540	<0.5	<1	6.55	<0.5	43	52.8	71.7	98.2	8.52	28
D61865 (289329)	<0.5	8.03	<1	188	<0.5	<1	6.35	<0.5	23	53.4	89.3	83.0	7.70	27
D61866 (289330)	<0.5	7.66	<1	191	<0.5	<1	6.59	<0.5	16	46.3	146	105	7.73	22
D61867 (289331)	3.0	3.08	<1	739	<0.5	<1	7.56	<0.5	95	91.0	708	99.7	9.04	19
D61868 (289332)	<0.5	8.01	<1	200	<0.5	<1	6.52	<0.5	25	52.7	99.2	77.4	7.78	26
D61869 (289333)	<0.5	7.68	<1	250	<0.5	<1	6.76	<0.5	21	51.4	76.8	105	7.41	26
D61870 (289334)	<0.5	7.83	<1	316	<0.5	<1	5.16	<0.5	19	50.9	85.0	75.1	8.27	24
D61871 (289335)	<0.5	8.17	<1	231	<0.5	<1	6.17	<0.5	21	54.9	83.0	81.0	7.46	27
D61872 (289336)	<0.5	0.08	<1	14	<0.5	<1	33.0	<0.5	1	<0.5	2.2	<0.5	0.11	6
D61873 (289337)	<0.5	7.86	<1	155	<0.5	<1	6.67	<0.5	20	50.4	80.0	102	7.77	26

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T482200

PROJECT: AGAT00664

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 18, 2019		DATE RECEIVED: Jun 19, 2019						DATE REPORTED: Jul 03, 2019				SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
		0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5
D61874 (289338)		0.9	7.16	<1	355	0.5	<1	0.71	<0.5	5	2.0	10.3	4.0	0.92	14
D61875 (289339)		0.6	7.52	<1	289	0.8	<1	0.98	<0.5	5	0.7	9.7	1.1	0.87	14
D61876 (289340)		0.6	7.60	<1	299	0.7	<1	0.95	<0.5	6	0.8	8.6	0.6	0.83	14
D61877 (289341)		<0.5	7.26	1	304	0.6	<1	0.90	<0.5	26	0.9	8.8	0.8	0.96	15
D61878 (289342)		0.5	7.18	<1	298	0.6	<1	0.88	<0.5	23	1.1	8.8	1.0	0.95	15
D61879 (289343)		<0.5	7.51	<1	356	<0.5	<1	0.75	<0.5	4	2.5	10.7	2.9	0.92	15
D61880 (289344)		<0.5	8.12	<1	176	<0.5	<1	5.92	<0.5	20	50.9	80.0	82.9	9.61	27
D61881 (289345)		<0.5	8.45	<1	162	<0.5	<1	6.04	<0.5	16	49.1	91.7	92.2	8.86	27
D61882 (289346)		<0.5	8.26	<1	118	<0.5	<1	6.90	<0.5	16	52.1	89.1	63.6	9.11	25

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 18, 2019	DATE RECEIVED: Jun 19, 2019					DATE REPORTED: Jul 03, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D61810 (289274)	<1	0.93	19	22	2.10	1340	<0.5	2.97	77.7	1160	<20	<50	0.10	<1	
D61811 (289275)	<1	0.68	20	15	1.69	1310	<0.5	2.50	84.2	1370	<20	<50	0.10	<1	
D61812 (289276)	3	0.01	<2	<1	3.05	83	<0.5	0.04	<0.5	79	<20	<50	0.04	<1	
D61813 (289277)	<1	1.17	22	26	1.90	1330	<0.5	2.92	104	1540	<20	<50	0.14	<1	
D61814 (289278)	<1	0.84	15	19	1.53	1450	<0.5	2.82	141	969	<20	<50	0.23	<1	
D61815 (289279)	<1	0.67	16	17	1.60	1650	<0.5	2.95	134	1060	<20	<50	0.21	<1	
D61816 (289280)	<1	1.06	28	19	1.60	1240	0.9	2.79	99.9	1350	<20	<50	0.24	<1	
D61817 (289281)	<1	0.49	14	5	3.71	1730	<0.5	2.01	68.5	654	<20	<50	0.09	<1	
D61818 (289282)	<1	0.48	15	5	3.66	1700	<0.5	1.96	72.8	676	<20	<50	0.10	<1	
D61819 (289283)	<1	0.54	12	13	3.67	1640	<0.5	2.24	71.6	612	<20	<50	0.08	<1	
D61820 (289284)	<1	1.50	46	21	1.16	638	3.4	3.03	31.1	2160	<20	<50	0.13	<1	
D61821 (289285)	<1	1.46	45	19	1.11	595	<0.5	3.09	21.0	1470	<20	<50	0.04	<1	
D61822 (289286)	<1	0.54	14	5	3.65	1620	<0.5	2.03	68.4	605	<20	<50	0.08	<1	
D61823 (289287)	<1	1.64	45	23	1.07	602	1.1	2.84	18.1	1460	<20	<50	0.04	<1	
D61824 (289288)	<1	1.80	46	19	1.06	559	0.9	3.06	18.0	1400	<20	<50	0.04	<1	
D61825 (289289)	<1	1.45	48	20	1.10	594	1.0	2.99	18.9	1660	<20	<50	0.04	<1	
D61826 (289290)	<1	0.46	11	10	4.31	1350	<0.5	2.43	117	953	<20	<50	0.10	<1	
D61827 (289291)	<1	1.55	42	20	1.10	516	1.1	2.84	17.6	1440	<20	<50	0.02	<1	
D61828 (289292)	<1	1.60	38	20	0.82	489	1.5	2.88	14.0	1320	<20	<50	0.04	<1	
D61829 (289293)	<1	1.43	33	15	0.86	493	1.3	2.61	14.3	1150	<20	<50	0.03	<1	
D61830 (289294)	<1	1.51	36	19	0.90	488	1.9	2.70	17.2	1280	<20	<50	0.09	<1	
D61831 (289295)	<1	1.44	34	19	0.89	573	1.0	2.48	16.4	1100	<20	<50	0.09	<1	
D61832 (289296)	2	0.02	<2	<1	2.49	65	<0.5	0.05	0.5	94	<20	<50	0.04	<1	
D61833 (289297)	<1	1.50	36	19	1.09	580	1.0	2.62	16.5	1450	<20	<50	0.11	<1	
D61834 (289298)	<1	1.78	28	22	0.97	613	0.5	2.71	16.3	1060	<20	<50	0.15	<1	
D61835 (289299)	<1	0.39	12	14	2.63	1150	<0.5	2.52	78.9	707	<20	<50	0.20	<1	
D61836 (289300)	<1	0.41	11	18	3.00	1470	<0.5	2.71	80.3	634	<20	<50	0.20	<1	
D61837 (289301)	<1	0.26	11	19	2.76	1430	<0.5	2.53	92.4	705	<20	<50	0.13	<1	
D61838 (289302)	<1	0.27	12	20	2.83	1460	<0.5	2.63	91.9	699	<20	<50	0.13	<1	
D61839 (289303)	<1	0.15	12	19	2.84	1460	<0.5	2.62	91.1	667	<20	<50	0.12	<1	
D61840 (289304)	<1	0.16	11	19	3.03	1350	<0.5	2.61	92.3	573	<20	<50	0.13	<1	
D61841 (289305)	<1	0.44	12	30	3.00	1350	<0.5	2.57	84.2	688	<20	<50	0.12	<1	

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AGAT WORK ORDER: 19T482200

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 18, 2019	DATE RECEIVED: Jun 19, 2019					DATE REPORTED: Jul 03, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D61842 (289306)	<1	0.46	11	27	2.75	1410	<0.5	2.37	83.1	643	<20	<50	0.16	<1	
D61843 (289307)	<1	0.22	12	18	2.94	1410	<0.5	2.34	97.4	673	<20	<50	0.12	<1	
D61844 (289308)	<1	0.17	12	22	3.34	1930	<0.5	2.38	102	620	<20	<50	0.16	<1	
D61845 (289309)	<1	0.27	12	20	3.04	1580	<0.5	2.45	93.8	611	<20	<50	0.11	<1	
D61846 (289310)	<1	0.21	5	12	4.36	1430	<0.5	2.41	92.1	422	<20	<50	0.16	<1	
D61847 (289311)	<1	0.71	9	17	2.66	1430	<0.5	3.18	87.3	512	<20	<50	0.18	<1	
D61848 (289312)	<1	3.65	11	5	0.38	355	1.1	2.98	12.6	291	34	<50	0.10	<1	
D61849 (289313)	<1	5.27	12	3	0.09	276	7.5	2.41	<0.5	59	29	<50	0.01	<1	
D61850 (289314)	<1	4.34	17	3	0.08	378	1.9	2.55	<0.5	88	29	<50	0.02	2	
D61851 (289315)	<1	4.42	5	2	0.04	239	2.7	2.05	<0.5	36	34	<50	0.02	<1	
D61852 (289316)	2	<0.01	2	2	1.91	70	<0.5	0.03	<0.5	79	<20	<50	0.03	1	
D61853 (289317)	<1	2.64	6	26	0.37	636	2.0	1.86	2.4	488	52	<50	0.03	<1	
D61854 (289318)	<1	1.19	24	25	2.76	1360	<0.5	2.63	89.9	705	<20	<50	0.16	<1	
D61855 (289319)	<1	0.50	12	14	3.36	1700	<0.5	2.57	99.3	599	<20	<50	0.19	<1	
D61856 (289320)	<1	0.59	12	15	3.51	1690	<0.5	2.32	98.9	567	<20	<50	0.18	<1	
D61857 (289321)	<1	0.85	11	17	3.16	1430	<0.5	2.76	95.8	606	<20	<50	0.24	<1	
D61858 (289322)	<1	0.80	11	16	3.08	1370	<0.5	2.64	100	614	<20	<50	0.24	<1	
D61859 (289323)	<1	3.94	6	2	0.18	370	1.4	2.98	2.8	158	<20	<50	0.02	3	
D61860 (289324)	<1	3.15	6	4	0.11	406	2.2	3.04	1.1	123	32	<50	0.01	<1	
D61861 (289325)	<1	1.28	13	25	3.85	1520	<0.5	2.46	151	680	<20	<50	0.21	<1	
D61862 (289326)	<1	0.63	12	12	3.14	1390	<0.5	2.72	99.6	630	<20	<50	0.22	<1	
D61863 (289327)	<1	3.70	114	31	5.66	1590	0.6	1.27	118	4520	<20	<50	0.09	<1	
D61864 (289328)	<1	1.13	23	17	3.50	1430	<0.5	2.38	93.9	1460	<20	<50	0.27	<1	
D61865 (289329)	<1	0.51	13	17	3.27	1380	<0.5	2.72	110	664	<20	<50	0.19	<1	
D61866 (289330)	<1	0.46	11	10	4.33	1370	<0.5	2.43	114	909	<20	<50	0.09	<1	
D61867 (289331)	<1	2.27	51	28	10.9	1440	1.2	0.63	578	2040	<20	<50	0.20	<1	
D61868 (289332)	<1	0.53	14	15	3.49	1360	<0.5	2.49	111	731	<20	<50	0.17	<1	
D61869 (289333)	<1	0.46	12	10	2.75	1280	<0.5	2.31	100	689	<20	<50	0.24	<1	
D61870 (289334)	<1	1.00	11	18	2.98	1380	<0.5	2.52	107	552	<20	<50	0.23	<1	
D61871 (289335)	<1	0.58	11	15	3.03	1320	<0.5	2.58	105	688	<20	<50	0.23	<1	
D61872 (289336)	2	0.01	2	<1	2.21	52	<0.5	0.05	<0.5	82	<20	<50	0.03	<1	
D61873 (289337)	<1	0.87	11	16	3.29	1430	<0.5	2.47	102	614	<20	<50	0.26	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 18, 2019	DATE RECEIVED: Jun 19, 2019					DATE REPORTED: Jul 03, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:														
D61874 (289338)	<1	5.43	3	2	0.13	413	1.7	2.16	1.7	46	32	<50	0.01	<1	
D61875 (289339)	<1	4.60	3	1	0.06	599	1.3	2.76	<0.5	39	25	<50	0.01	5	
D61876 (289340)	<1	4.70	3	1	0.07	473	1.3	2.62	<0.5	32	27	<50	<0.01	2	
D61877 (289341)	<1	4.65	14	1	0.09	479	1.6	2.47	<0.5	52	31	<50	<0.01	2	
D61878 (289342)	<1	4.56	13	2	0.09	471	1.6	2.43	<0.5	48	32	<50	<0.01	<1	
D61879 (289343)	<1	5.81	2	3	0.16	203	1.6	2.21	2.9	67	28	52	0.01	<1	
D61880 (289344)	<1	0.72	11	14	3.07	1730	<0.5	2.34	93.0	572	<20	<50	0.16	<1	
D61881 (289345)	<1	0.40	10	11	3.24	1610	<0.5	2.61	101	479	<20	<50	0.14	<1	
D61882 (289346)	<1	0.57	10	10	2.54	1930	<0.5	2.30	120	624	<20	<50	0.10	<1	

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## Certificate of Analysis

AGAT WORK ORDER: 19T482200

PROJECT: AGAT00664

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 18, 2019	DATE RECEIVED: Jun 19, 2019					DATE REPORTED: Jul 03, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D61810 (289274)	23	<10	<5	413	<10	<10	<5	0.84	<5	<50	162	<1	23	107	
D61811 (289275)	24	<10	<5	354	<10	<10	<5	0.91	<5	<50	171	<1	23	98.1	
D61812 (289276)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	1.6	<1	2	5.7	
D61813 (289277)	27	<10	<5	352	<10	<10	<5	1.02	<5	<50	190	<1	25	115	
D61814 (289278)	26	<10	<5	376	<10	<10	<5	0.99	<5	<50	188	<1	23	122	
D61815 (289279)	25	<10	<5	381	<10	<10	<5	0.99	<5	<50	187	<1	23	127	
D61816 (289280)	20	<10	<5	473	<10	<10	<5	0.78	<5	<50	151	<1	21	120	
D61817 (289281)	45	<10	<5	203	<10	<10	<5	1.01	<5	<50	318	<1	27	101	
D61818 (289282)	46	<10	<5	198	<10	<10	<5	0.97	<5	<50	322	<1	27	104	
D61819 (289283)	45	<10	<5	213	<10	<10	<5	0.85	<5	<50	301	<1	23	97.2	
D61820 (289284)	11	<10	<5	495	<10	<10	<5	0.46	<5	<50	85.2	<1	15	81.4	
D61821 (289285)	9	<10	<5	512	<10	<10	<5	0.36	<5	<50	65.8	<1	14	66.2	
D61822 (289286)	42	<10	<5	214	<10	<10	<5	0.89	<5	<50	289	<1	23	98.3	
D61823 (289287)	8	<10	<5	533	<10	<10	<5	0.38	<5	<50	57.6	<1	13	65.7	
D61824 (289288)	9	<10	<5	535	<10	<10	<5	0.39	<5	<50	60.2	<1	15	66.0	
D61825 (289289)	8	<10	<5	537	<10	<10	<5	0.44	<5	<50	63.1	<1	15	70.0	
D61826 (289290)	35	<10	<5	248	<10	<10	<5	0.86	<5	<50	251	<1	23	91.2	
D61827 (289291)	7	<10	<5	507	<10	<10	<5	0.44	<5	<50	57.8	<1	13	69.0	
D61828 (289292)	8	<10	<5	477	<10	<10	<5	0.38	<5	<50	57.8	<1	13	59.3	
D61829 (289293)	8	<10	<5	452	<10	<10	<5	0.33	<5	<50	58.9	<1	11	60.6	
D61830 (289294)	8	<10	<5	459	<10	<10	<5	0.38	<5	<50	65.1	<1	12	70.1	
D61831 (289295)	8	<10	<5	410	<10	<10	<5	0.36	<5	<50	59.1	<1	12	77.2	
D61832 (289296)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	1.5	<1	2	3.7	
D61833 (289297)	8	<10	<5	402	<10	<10	<5	0.42	<5	<50	65.7	<1	12	69.6	
D61834 (289298)	9	<10	<5	306	<10	<10	<5	0.36	<5	<50	75.3	<1	11	70.8	
D61835 (289299)	24	<10	<5	300	<10	<10	<5	1.11	<5	<50	207	<1	28	125	
D61836 (289300)	24	<10	<5	322	<10	<10	<5	0.98	<5	<50	205	<1	27	140	
D61837 (289301)	23	<10	<5	480	<10	<10	<5	0.91	<5	<50	196	<1	24	130	
D61838 (289302)	24	<10	<5	496	<10	<10	<5	0.94	<5	<50	200	<1	24	133	
D61839 (289303)	26	<10	<5	319	<10	<10	<5	0.91	<5	<50	202	<1	24	126	
D61840 (289304)	24	<10	<5	280	<10	<10	<5	0.86	<5	<50	199	<1	23	131	
D61841 (289305)	23	<10	<5	339	<10	<10	<5	0.98	<5	<50	200	<1	24	139	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T482200

PROJECT: AGAT00664

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 18, 2019	DATE RECEIVED: Jun 19, 2019					DATE REPORTED: Jul 03, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D61842 (289306)	24	<10	<5	449	<10	<10	<5	1.00	<5	<50	211	<1	26	135	
D61843 (289307)	24	<10	<5	268	<10	<10	<5	0.88	<5	<50	199	<1	22	132	
D61844 (289308)	24	<10	<5	246	<10	<10	<5	0.91	<5	<50	200	<1	23	143	
D61845 (289309)	23	<10	<5	267	<10	<10	<5	0.86	<5	<50	190	<1	22	145	
D61846 (289310)	45	<10	<5	112	<10	<10	<5	0.67	<5	<50	315	<1	22	80.6	
D61847 (289311)	23	<10	<5	282	<10	<10	<5	0.75	<5	<50	177	<1	21	140	
D61848 (289312)	4	<10	<5	129	<10	<10	<5	0.13	<5	<50	20.5	<1	8	90.1	
D61849 (289313)	2	<10	<5	109	<10	<10	8	0.03	<5	<50	3.9	<1	6	8.0	
D61850 (289314)	2	<10	<5	105	<10	<10	15	0.03	<5	<50	2.4	<1	6	19.1	
D61851 (289315)	1	<10	<5	97	<10	<10	8	0.01	<5	<50	1.8	<1	4	15.3	
D61852 (289316)	<1	<10	<5	64	<10	<10	<5	<0.01	<5	<50	0.7	<1	2	3.5	
D61853 (289317)	4	<10	<5	67	<10	<10	<5	0.20	<5	93	11.0	<1	7	64.1	
D61854 (289318)	20	<10	<5	268	<10	<10	<5	0.82	<5	<50	167	<1	22	143	
D61855 (289319)	24	<10	<5	288	<10	<10	<5	0.89	<5	<50	194	<1	23	122	
D61856 (289320)	24	<10	<5	272	<10	<10	<5	0.88	<5	<50	194	<1	22	122	
D61857 (289321)	23	<10	<5	265	<10	<10	<5	0.91	<5	<50	191	<1	21	154	
D61858 (289322)	23	<10	<5	254	<10	<10	<5	0.88	<5	<50	196	<1	22	152	
D61859 (289323)	2	<10	<5	109	<10	<10	<5	0.03	<5	<50	6.7	<1	8	17.8	
D61860 (289324)	3	<10	<5	115	<10	<10	23	0.04	<5	<50	4.1	<1	9	23.6	
D61861 (289325)	24	<10	<5	278	<10	<10	<5	0.81	<5	<50	186	<1	24	130	
D61862 (289326)	23	<10	<5	318	<10	<10	<5	0.87	<5	<50	191	<1	22	120	
D61863 (289327)	19	<10	<5	1430	<10	<10	<5	0.65	<5	<50	169	<1	32	79.7	
D61864 (289328)	22	<10	<5	353	<10	<10	<5	0.93	<5	<50	194	<1	23	120	
D61865 (289329)	23	<10	<5	295	<10	<10	<5	0.94	<5	<50	198	<1	22	121	
D61866 (289330)	34	<10	<5	247	<10	<10	<5	0.86	<5	<50	240	<1	22	90.8	
D61867 (289331)	22	<10	<5	733	<10	<10	<5	1.92	<5	<50	258	<1	20	119	
D61868 (289332)	22	<10	<5	258	<10	<10	<5	0.93	<5	<50	194	<1	22	119	
D61869 (289333)	22	<10	<5	198	<10	<10	<5	0.83	<5	<50	182	<1	22	110	
D61870 (289334)	23	<10	<5	190	<10	<10	<5	0.77	<5	<50	184	<1	21	124	
D61871 (289335)	24	<10	<5	231	<10	<10	<5	0.86	<5	<50	192	<1	22	116	
D61872 (289336)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	3.8	
D61873 (289337)	26	<10	<5	252	<10	<10	<5	0.76	<5	<50	184	<1	21	122	

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## Certificate of Analysis

AGAT WORK ORDER: 19T482200

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 18, 2019	DATE RECEIVED: Jun 19, 2019					DATE REPORTED: Jul 03, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D61874 (289338)	2	<10	<5	117	<10	<10	6	0.05	<5	<50	6.1	<1	8	22.2	
D61875 (289339)	2	<10	<5	116	<10	<10	<5	0.02	<5	<50	1.7	<1	13	11.7	
D61876 (289340)	3	<10	<5	116	<10	<10	7	0.02	<5	<50	4.0	<1	11	11.1	
D61877 (289341)	2	<10	<5	111	<10	<10	20	0.03	<5	<50	2.6	<1	10	17.0	
D61878 (289342)	2	<10	<5	109	<10	<10	21	0.03	<5	<50	3.0	<1	10	17.1	
D61879 (289343)	1	<10	<5	121	<10	<10	<5	0.06	<5	<50	8.2	<1	2	18.8	
D61880 (289344)	23	<10	<5	262	<10	<10	<5	0.89	<5	<50	195	<1	22	121	
D61881 (289345)	23	<10	<5	276	<10	<10	<5	0.81	<5	<50	183	<1	19	116	
D61882 (289346)	24	<10	<5	248	<10	<10	<5	0.83	<5	<50	187	<1	22	126	

Certified By:



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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 18, 2019      DATE RECEIVED: Jun 19, 2019      DATE REPORTED: Jul 03, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Zr
	Unit:	ppm
	RDL:	5
D61810 (289274)		34
D61811 (289275)		15
D61812 (289276)		<5
D61813 (289277)		14
D61814 (289278)		12
D61815 (289279)		13
D61816 (289280)		31
D61817 (289281)		99
D61818 (289282)		101
D61819 (289283)		82
D61820 (289284)		39
D61821 (289285)		60
D61822 (289286)		89
D61823 (289287)		41
D61824 (289288)		41
D61825 (289289)		43
D61826 (289290)		86
D61827 (289291)		63
D61828 (289292)		40
D61829 (289293)		38
D61830 (289294)		50
D61831 (289295)		47
D61832 (289296)		<5
D61833 (289297)		45
D61834 (289298)		43
D61835 (289299)		15
D61836 (289300)		17
D61837 (289301)		12
D61838 (289302)		12
D61839 (289303)		13
D61840 (289304)		12
D61841 (289305)		14

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 18, 2019      DATE RECEIVED: Jun 19, 2019      DATE REPORTED: Jul 03, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Zr
	Unit:	ppm
	RDL:	5
D61842 (289306)		17
D61843 (289307)		12
D61844 (289308)		11
D61845 (289309)		11
D61846 (289310)		46
D61847 (289311)		22
D61848 (289312)		75
D61849 (289313)		63
D61850 (289314)		123
D61851 (289315)		107
D61852 (289316)		<5
D61853 (289317)		73
D61854 (289318)		28
D61855 (289319)		29
D61856 (289320)		15
D61857 (289321)		23
D61858 (289322)		21
D61859 (289323)		64
D61860 (289324)		135
D61861 (289325)		47
D61862 (289326)		21
D61863 (289327)		91
D61864 (289328)		42
D61865 (289329)		24
D61866 (289330)		83
D61867 (289331)		134
D61868 (289332)		26
D61869 (289333)		17
D61870 (289334)		22
D61871 (289335)		16
D61872 (289336)		<5
D61873 (289337)		16

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 18, 2019

DATE RECEIVED: Jun 19, 2019

DATE REPORTED: Jul 03, 2019

SAMPLE TYPE: Drill Core


Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D61874 (289338)	210
D61875 (289339)	138
D61876 (289340)	140
D61877 (289341)	110
D61878 (289342)	121
D61879 (289343)	11
D61880 (289344)	19
D61881 (289345)	14
D61882 (289346)	15

Comments: RDL - Reported Detection Limit

289274-289346 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 18, 2019      DATE RECEIVED: Jun 19, 2019      DATE REPORTED: Jul 03, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D61810 (289274)		0.007	
D61811 (289275)		0.014	
D61812 (289276)		<0.001	
D61813 (289277)		0.004	
D61814 (289278)		0.004	
D61815 (289279)		0.002	
D61816 (289280)		0.003	
D61817 (289281)		0.003	
D61818 (289282)		0.003	
D61819 (289283)		0.004	
D61820 (289284)		0.002	
D61821 (289285)		0.002	
D61822 (289286)		0.003	
D61823 (289287)		0.012	
D61824 (289288)		0.001	
D61825 (289289)		<0.001	
D61826 (289290)		0.332	
D61827 (289291)		<0.001	
D61828 (289292)		0.002	
D61829 (289293)		<0.001	
D61830 (289294)		<0.001	
D61831 (289295)		0.004	
D61832 (289296)		<0.001	
D61833 (289297)		0.001	
D61834 (289298)		0.001	
D61835 (289299)		0.002	
D61836 (289300)		0.001	
D61837 (289301)		0.001	
D61838 (289302)		0.008	
D61839 (289303)		0.004	
D61840 (289304)		<0.001	
D61841 (289305)		0.002	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 18, 2019      DATE RECEIVED: Jun 19, 2019      DATE REPORTED: Jul 03, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D61842 (289306)		<0.001	
D61843 (289307)		0.003	
D61844 (289308)		0.001	
D61845 (289309)		0.006	
D61846 (289310)		0.522	
D61847 (289311)		0.005	
D61848 (289312)		0.003	
D61849 (289313)		<0.001	
D61850 (289314)		0.004	
D61851 (289315)		<0.001	
D61852 (289316)		<0.001	
D61853 (289317)		<0.001	
D61854 (289318)		0.003	
D61855 (289319)		<0.001	
D61856 (289320)		0.001	
D61857 (289321)		0.009	
D61858 (289322)		0.002	
D61859 (289323)		0.026	
D61860 (289324)		0.004	
D61861 (289325)		0.001	
D61862 (289326)		0.002	
D61863 (289327)		0.003	
D61864 (289328)		0.012	
D61865 (289329)		0.001	
D61866 (289330)		0.340	
D61867 (289331)		0.001	
D61868 (289332)		0.001	
D61869 (289333)		0.002	
D61870 (289334)		0.002	
D61871 (289335)		0.002	
D61872 (289336)		<0.001	
D61873 (289337)		0.003	

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## Certificate of Analysis

AGAT WORK ORDER: 19T482200

PROJECT: AGAT00664

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 18, 2019      DATE RECEIVED: Jun 19, 2019      DATE REPORTED: Jul 03, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D61874 (289338)			<0.001
D61875 (289339)			<0.001
D61876 (289340)			<0.001
D61877 (289341)			<0.001
D61878 (289342)			<0.001
D61879 (289343)			<0.001
D61880 (289344)			0.001
D61881 (289345)			0.001
D61882 (289346)			0.002

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T482200

PROJECT: AGAT00664

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## Sieving - % Passing (Crushing)

DATE SAMPLED: Jun 18, 2019      DATE RECEIVED: Jun 19, 2019      DATE REPORTED: Jul 03, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D61810 (289274)		91.84
D61829 (289293)		93.56
D61849 (289313)		92.34
D61869 (289333)		91.18

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	289274	< 0.5	< 0.5	0.0%	289288	< 0.5	< 0.5	0.0%	289299	< 0.5	< 0.5	0.0%	289313	< 0.5	< 0.5	0.0%
Al	289274	8.67	8.45	2.6%	289288	8.31	8.05	3.2%	289299	7.74	7.80	0.8%	289313	7.27	7.32	0.7%
As	289274	< 1	< 1	0.0%	289288	< 1	< 1	0.0%	289299	< 1	< 1	0.0%	289313	< 1	< 1	0.0%
Ba	289274	291	289	0.7%	289288	423	405	4.3%	289299	164	167	1.8%	289313	362	373	3.0%
Be	289274	< 0.5	< 0.5	0.0%	289288	1.3	1.3	0.0%	289299	< 0.5	< 0.5	0.0%	289313	0.7	0.7	0.0%
Bi	289274	< 1	< 1	0.0%	289288	< 1	< 1	0.0%	289299	< 1	< 1	0.0%	289313	< 1	< 1	0.0%
Ca	289274	5.53	5.45	1.5%	289288	3.84	3.69	4.0%	289299	5.59	5.73	2.5%	289313	0.74	0.75	1.3%
Cd	289274	< 0.5	< 0.5	0.0%	289288	< 0.5	< 0.5	0.0%	289299	< 0.5	< 0.5	0.0%	289313	< 0.5	< 0.5	0.0%
Ce	289274	43	43	0.0%	289288	97	99	2.0%	289299	20	19	5.1%	289313	21	22	4.7%
Co	289274	45.0	46.4	3.1%	289288	16.5	17.3	4.7%	289299	56.9	56.6	0.5%	289313	1.1	1.0	9.5%
Cr	289274	70.9	81.9	14.4%	289288	23.0	23.4	1.7%	289299	73.2	70.7	3.5%	289313	11.4	11.7	2.6%
Cu	289274	59.0	60.1	1.8%	289288	16.2	15.2	6.4%	289299	65.3	65.0	0.5%	289313	1.44	1.70	16.6%
Fe	289274	6.93	6.90	0.4%	289288	3.21	3.14	2.2%	289299	8.27	8.47	2.4%	289313	0.820	0.829	1.1%
Ga	289274	25	26	3.9%	289288	22	24	8.7%	289299	29	30	3.4%	289313	14	14	0.0%
In	289274	< 1	< 1	0.0%	289288	< 1	< 1	0.0%	289299	< 1	< 1	0.0%	289313	< 1	< 1	0.0%
K	289274	0.930	0.915	1.6%	289288	1.80	1.75	2.8%	289299	0.393	0.397	1.0%	289313	5.27	5.45	3.4%
La	289274	19	20	5.1%	289288	46	47	2.2%	289299	12	11	8.7%	289313	12	12	0.0%
Li	289274	22	22	0.0%	289288	19	18	5.4%	289299	14	14	0.0%	289313	3	2	
Mg	289274	2.10	2.05	2.4%	289288	1.06	1.04	1.9%	289299	2.63	2.66	1.1%	289313	0.09	0.09	0.0%
Mn	289274	1340	1330	0.7%	289288	559	545	2.5%	289299	1150	1180	2.6%	289313	276	278	0.7%
Mo	289274	< 0.5	< 0.5	0.0%	289288	0.9	1.0	10.5%	289299	< 0.5	< 0.5	0.0%	289313	7.5	6.4	15.8%
Na	289274	2.97	2.80	5.9%	289288	3.06	3.00	2.0%	289299	2.52	2.57	2.0%	289313	2.41	2.48	2.9%
Ni	289274	77.7	80.0	2.9%	289288	18.0	19.1	5.9%	289299	78.9	80.2	1.6%	289313	< 0.5	0.6	
P	289274	1160	1190	2.6%	289288	1400	1480	5.6%	289299	707	693	2.0%	289313	59	61	3.3%
Pb	289274	< 20	< 20	0.0%	289288	< 20	< 20	0.0%	289299	< 20	< 20	0.0%	289313	29	29	0.0%
Rb	289274	< 50	< 50	0.0%	289288	< 50	< 50	0.0%	289299	< 50	< 50	0.0%	289313	< 50	< 50	0.0%
S	289274	0.10	0.10	0.0%	289288	0.036	0.033	8.7%	289299	0.204	0.207	1.5%	289313	0.01	0.01	0.0%
Sb	289274	< 1	< 1	0.0%	289288	< 1	< 1	0.0%	289299	< 1	< 1	0.0%	289313	< 1	1	
Sc	289274	23	23	0.0%	289288	9	9	0.0%	289299	24	23	4.3%	289313	2	1	
Se	289274	< 10	< 10	0.0%	289288	< 10	< 10	0.0%	289299	< 10	< 10	0.0%	289313	< 10	< 10	0.0%
Sn	289274	< 5	< 5	0.0%	289288	< 5	< 5	0.0%	289299	< 5	< 5	0.0%	289313	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	289274	413	406	1.7%	289288	535	512	4.4%	289299	300	308	2.6%	289313	109	113	3.6%
Ta	289274	< 10	< 10	0.0%	289288	< 10	< 10	0.0%	289299	< 10	< 10	0.0%	289313	< 10	< 10	0.0%
Te	289274	< 10	< 10	0.0%	289288	< 10	< 10	0.0%	289299	< 10	< 10	0.0%	289313	< 10	< 10	0.0%
Th	289274	< 5	< 5	0.0%	289288	< 5	< 5	0.0%	289299	< 5	< 5	0.0%	289313	8	9	11.8%
Ti	289274	0.838	0.832	0.7%	289288	0.388	0.380	2.1%	289299	1.11	1.14	2.7%	289313	0.03	0.03	0.0%
Tl	289274	< 5	< 5	0.0%	289288	< 5	< 5	0.0%	289299	< 5	< 5	0.0%	289313	< 5	< 5	0.0%
U	289274	< 50	< 50	0.0%	289288	< 50	< 50	0.0%	289299	< 50	< 50	0.0%	289313	< 50	< 50	0.0%
V	289274	162	162	0.0%	289288	60.2	63.0	4.5%	289299	207	201	2.9%	289313	3.92	3.62	8.0%
W	289274	< 1	< 1	0.0%	289288	< 1	< 1	0.0%	289299	< 1	< 1	0.0%	289313	< 1	< 1	0.0%
Y	289274	23	22	4.4%	289288	15	15	0.0%	289299	28	27	3.6%	289313	6	6	0.0%
Zn	289274	107	104	2.8%	289288	66.0	64.2	2.8%	289299	125	127	1.6%	289313	8.0	10.0	22.2%
Zr	289274	34	32	6.1%	289288	41	41	0.0%	289299	15	14	6.9%	289313	63	56	11.8%

Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	289324	0.54	0.58	7.1%	289338	0.9	0.9	0.0%								
Al	289324	7.30	7.13	2.4%	289338	7.16	7.33	2.3%								
As	289324	< 1	< 1	0.0%	289338	< 1	1									
Ba	289324	233	226	3.1%	289338	355	363	2.2%								
Be	289324	1.0	1.0	0.0%	289338	0.5	0.5	0.0%								
Bi	289324	< 1	< 1	0.0%	289338	< 1	< 1	0.0%								
Ca	289324	1.29	1.29	0.0%	289338	0.712	0.730	2.5%								
Cd	289324	< 0.5	< 0.5	0.0%	289338	< 0.5	< 0.5	0.0%								
Ce	289324	11	9	20.0%	289338	5	5	0.0%								
Co	289324	1.5	1.5	0.0%	289338	2.04	2.14	4.8%								
Cr	289324	13.8	15.3	10.3%	289338	10.3	12.7	20.9%								
Cu	289324	2.2	1.6		289338	4.05	4.84	17.8%								
Fe	289324	0.97	0.93	4.2%	289338	0.92	0.95	3.2%								
Ga	289324	15	14	6.9%	289338	14	14	0.0%								
In	289324	< 1	< 1	0.0%	289338	< 1	< 1	0.0%								
K	289324	3.15	3.05	3.2%	289338	5.43	5.54	2.0%								
La	289324	6	4		289338	3	3	0.0%								
Li	289324	4	4	0.0%	289338	2	3									
Mg	289324	0.11	0.11	0.0%	289338	0.132	0.138	4.4%								
Mn	289324	406	393	3.3%	289338	413	415	0.5%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	289324	2.22	1.94	13.5%	289338	1.7	1.9	11.1%								
Na	289324	3.04	3.06	0.7%	289338	2.16	2.20	1.8%								
Ni	289324	1.1	1.0	9.5%	289338	1.74	1.99	13.4%								
P	289324	123	149	19.1%	289338	46	51	10.3%								
Pb	289324	32	31	3.2%	289338	32	33	3.1%								
Rb	289324	< 50	< 50	0.0%	289338	< 50	< 50	0.0%								
S	289324	0.01	0.01	0.0%	289338	0.015	0.015	0.0%								
Sb	289324	< 1	< 1	0.0%	289338	< 1	1									
Sc	289324	3	2		289338	2	2	0.0%								
Se	289324	< 10	< 10	0.0%	289338	< 10	< 10	0.0%								
Sn	289324	< 5	< 5	0.0%	289338	< 5	< 5	0.0%								
Sr	289324	115	112	2.6%	289338	117	119	1.7%								
Ta	289324	< 10	< 10	0.0%	289338	< 10	< 10	0.0%								
Te	289324	< 10	< 10	0.0%	289338	< 10	< 10	0.0%								
Th	289324	23	18	24.4%	289338	6	6	0.0%								
Ti	289324	0.04	0.04	0.0%	289338	0.05	0.05	0.0%								
Tl	289324	< 5	< 5	0.0%	289338	< 5	< 5	0.0%								
U	289324	< 50	< 50	0.0%	289338	< 50	< 50	0.0%								
V	289324	4.1	3.7	10.3%	289338	6.12	6.47	5.6%								
W	289324	< 1	< 1	0.0%	289338	< 1	< 1	0.0%								
Y	289324	9	9	0.0%	289338	8	8	0.0%								
Zn	289324	23.6	21.9	7.5%	289338	22.2	22.6	1.8%								
Zr	289324	135	124	8.5%	289338	210	197	6.4%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	289274	0.007	0.001		289288	0.001	0.002		289299	0.002	0.001		289313	< 0.001	0.004	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	289324	0.004	< 0.001		289338	< 0.001	< 0.001	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GTS-2a)				CRM #2 (ref.SY-4)				CRM #3 (ref.Till-2)				CRM #4 (ref.GTS-2a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al					10.95	11.26	103%	90% - 110%	8.17	8.64	106%	90% - 110%	6.96	6.93	100%	90% - 110%
As									26	25	96%	90% - 110%	124	123	99%	90% - 110%
Ba					340	328	96%	90% - 110%	540	524	97%	90% - 110%	186	180	97%	90% - 110%
Be					2.6	2.6	100%	90% - 110%	4.0	3	75%	90% - 110%				
Ca					5.72	5.57	97%	90% - 110%	0.907	0.924	102%	90% - 110%	4.01	3.93	98%	90% - 110%
Ce					122	116	95%	90% - 110%	98	91	92%	90% - 110%	24	22	91%	90% - 110%
Co	22.1	20.8	94%	90% - 110%									22.1	23.9	108%	90% - 110%
Cr									60.3	61	101%	90% - 110%				
Cu									150	151	101%	90% - 110%	88.6	87.7	99%	90% - 110%
Fe					4.34	4.03	93%	90% - 110%	3.77	3.73	99%	90% - 110%	7.56	7.17	95%	90% - 110%
Ga					35	35	99%	90% - 110%								
K					1.37	1.49	109%	90% - 110%					2.021	2.084	103%	90% - 110%
La					58	53	92%	90% - 110%	44	44	99%	90% - 110%				
Li					37	39	105%	90% - 110%	47	49	105%	90% - 110%				
Mg					0.325	0.306	94%	90% - 110%	1.10	1.12	102%	90% - 110%	2.412	2.397	99%	90% - 110%
Mn									780	789	101%	90% - 110%	1510	1445	96%	90% - 110%
Mo									14	12.7	91%	90% - 110%				
Na					5.267	5.699	108%	90% - 110%	1.624	1.766	109%	90% - 110%	0.617	0.648	105%	90% - 110%
Ni									32	33	104%	90% - 110%	77.1	77.6	101%	90% - 110%
P									750	767	102%	90% - 110%	892	966	108%	90% - 110%
Pb									31	29	93%	90% - 110%				
S													0.348	0.334	96%	90% - 110%
Sc					1.1	0.9	79%	90% - 110%	12	12	99%	90% - 110%				
Sr					1191	1199	101%	90% - 110%	144	150	104%	90% - 110%	92.8	86.9	94%	90% - 110%
Ti					0.172	0.168	97%	90% - 110%	0.53	0.48	91%	90% - 110%				
V					8	6	74%	90% - 110%	77	75	98%	90% - 110%				
Y					119	116	97%	90% - 110%								
Zn					93	97	104%	90% - 110%	130	125	96%	90% - 110%	208	210	101%	90% - 110%
CRM #5 (ref.SY-4)																
Parameter	Expect	Actual	Recovery	Limits												
Al	10.95	11.27	103%	90% - 110%												



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Ba	340	324	95%	90% - 110%															
Be	2.6	2.6	99%	90% - 110%															
Ca	5.72	5.58	98%	90% - 110%															
Ce	122	116	95%	90% - 110%															
Fe	4.34	4.1	95%	90% - 110%															
Ga	35	37	105%	90% - 110%															
K	1.37	1.5	110%	90% - 110%															
La	58	55	94%	90% - 110%															
Li	37	39	107%	90% - 110%															
Mg	0.325	0.305	94%	90% - 110%															
Na	5.267	5.545	105%	90% - 110%															
Sc	1.1	0.9	80%	90% - 110%															
Sr	1191	1162	98%	90% - 110%															
Ti	0.172	0.167	97%	90% - 110%															
V	8	6	80%	90% - 110%															
Y	119	121	101%	90% - 110%															
Zn	93	93	100%	90% - 110%															

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GSP5G)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS5W)									
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits						
Au	0.562	0.571	102%	90% - 110%	0.725	0.718	99%	90% - 110%	5.27	5.44	103%	90% - 110%						

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00664  
 SAMPLING SITE:

AGAT WORK ORDER: 19T482200  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE



CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00665

AGAT WORK ORDER: 19T482208

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jul 02, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T482208

PROJECT: AGAT00665

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Jun 18, 2019

DATE RECEIVED: Jun 19, 2019

DATE REPORTED: Jul 02, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D61883 (289415)		1.15
D61884 (289416)		0.90
D61885 (289417)		2.52
D61886 (289418)		0.07
D61887 (289419)		1.65
D61888 (289420)		3.38
D61889 (289421)		2.22
D61890 (289422)		1.62
D61891 (289423)		1.83
D61892 (289424)		0.60
D61893 (289425)		2.51
D61894 (289426)		1.53
D61895 (289427)		1.37
D61896 (289428)		0.86
D61897 (289429)		2.79
D61898 (289430)		2.79
D61899 (289431)		1.68
D61900 (289432)		2.53
D61901 (289433)		2.12
D61902 (289434)		1.79
D61903 (289435)		1.98
D61904 (289436)		2.89
D61905 (289437)		2.70
D61906 (289438)		0.07
D61907 (289439)		3.19
D61908 (289440)		2.71
D61909 (289441)		2.01
D61910 (289442)		2.86
D61911 (289443)		3.08
D61912 (289444)		0.56
D61913 (289445)		3.17

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T482208

PROJECT: AGAT00665

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Jun 18, 2019      DATE RECEIVED: Jun 19, 2019      DATE REPORTED: Jul 02, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D61914 (289446)		3.35
D61915 (289447)		2.46
D61916 (289448)		2.38
D61917 (289449)		2.80
D61918 (289450)		2.80
D61919 (289451)		1.03
D61920 (289452)		3.00
D61921 (289453)		3.02
D61922 (289454)		0.76
D61923 (289455)		3.14
D61924 (289456)		2.72
D61925 (289457)		0.78
D61926 (289458)		0.07
D61927 (289459)		1.50
D61928 (289460)		2.34
D61929 (289461)		1.54
D61930 (289462)		2.89
D61931 (289463)		2.10
D61932 (289464)		0.62
D61933 (289465)		2.58
D61934 (289466)		1.48
D61935 (289467)		2.46
D61936 (289468)		3.19
D61937 (289469)		3.12
D61938 (289470)		3.12
D61939 (289471)		3.21
D61940 (289472)		3.31
D61941 (289473)		1.82
D61942 (289474)		0.97
D61943 (289475)		1.25
D61944 (289476)		2.89

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T482208

PROJECT: AGAT00665

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Jun 18, 2019	DATE RECEIVED: Jun 19, 2019	DATE REPORTED: Jul 02, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D61945 (289477)		3.02
D61946 (289478)		0.07
D61947 (289479)		3.12
D61948 (289480)		2.50
D61949 (289481)		1.50
D61950 (289482)		1.38
D61951 (289483)		3.54
D61952 (289484)		0.59
D61953 (289485)		2.58
D61954 (289486)		2.58

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T482208

PROJECT: AGAT00665

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 18, 2019	DATE RECEIVED: Jun 19, 2019					DATE REPORTED: Jul 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D61883 (289415)	<0.5	8.06	<1	141	0.8	<1	5.23	<0.5	16	47.9	121	38.9	7.59	11	
D61884 (289416)	<0.5	8.13	<1	468	0.8	<1	3.08	<0.5	45	18.2	95.2	45.6	3.28	17	
D61885 (289417)	<0.5	8.45	<1	517	0.6	<1	3.09	<0.5	37	16.5	80.0	35.1	2.94	18	
D61886 (289418)	<0.5	7.46	<1	151	<0.5	<1	6.72	<0.5	5	54.3	177	154	7.82	15	
D61887 (289419)	<0.5	8.13	<1	452	<0.5	<1	4.98	<0.5	30	55.3	116	62.3	8.75	6	
D61888 (289420)	<0.5	7.46	<1	68	<0.5	<1	4.79	<0.5	28	55.8	113	79.4	8.95	6	
D61889 (289421)	<0.5	8.37	<1	76	<0.5	<1	6.31	<0.5	20	57.6	139	67.6	7.82	7	
D61890 (289422)	<0.5	8.33	<1	48	<0.5	<1	5.90	<0.5	21	55.8	150	83.9	7.66	9	
D61891 (289423)	0.5	7.57	2	340	0.6	<1	0.97	<0.5	73	1.2	79.9	5.9	1.03	12	
D61892 (289424)	<0.5	0.06	<1	13	<0.5	<1	32.3	<0.5	1	0.5	12.5	<0.5	0.09	<5	
D61893 (289425)	0.9	7.59	2	239	1.1	<1	1.20	<0.5	50	2.6	142	3.3	1.21	11	
D61894 (289426)	<0.5	8.22	<1	56	<0.5	<1	5.93	<0.5	19	56.9	146	65.0	9.09	7	
D61895 (289427)	<0.5	7.56	<1	119	<0.5	<1	6.38	<0.5	19	53.6	152	49.5	8.55	<5	
D61896 (289428)	<0.5	7.31	<1	125	<0.5	<1	6.13	<0.5	18	55.7	174	48.6	8.89	<5	
D61897 (289429)	<0.5	8.29	<1	50	<0.5	<1	5.85	<0.5	20	59.8	162	78.3	9.43	5	
D61898 (289430)	<0.5	8.44	<1	50	<0.5	<1	6.13	<0.5	21	60.6	156	81.7	9.85	<5	
D61899 (289431)	<0.5	8.01	<1	73	<0.5	<1	5.94	<0.5	19	58.0	138	78.2	9.00	<5	
D61900 (289432)	<0.5	7.98	<1	136	<0.5	<1	6.16	<0.5	20	57.9	162	78.6	9.01	6	
D61901 (289433)	<0.5	7.89	<1	52	<0.5	<1	5.20	<0.5	33	57.9	127	68.8	9.37	6	
D61902 (289434)	<0.5	7.29	2	207	0.9	<1	1.28	<0.5	8	1.9	68.9	12.2	0.82	16	
D61903 (289435)	<0.5	7.53	1	337	0.7	<1	0.89	<0.5	3	1.9	57.2	12.8	0.69	18	
D61904 (289436)	<0.5	7.04	<1	286	0.8	<1	0.94	<0.5	5	2.2	64.1	10.9	0.71	18	
D61905 (289437)	<0.5	6.82	2	339	0.8	<1	0.80	<0.5	7	2.8	78.4	12.1	0.79	18	
D61906 (289438)	<0.5	7.69	<1	199	<0.5	<1	6.32	<0.5	16	56.1	185	102	7.55	17	
D61907 (289439)	<0.5	7.00	<1	315	0.7	<1	0.87	<0.5	5	2.5	94.1	1.4	0.81	17	
D61908 (289440)	<0.5	7.48	2	374	0.8	<1	0.96	<0.5	10	1.8	119	0.8	0.63	17	
D61909 (289441)	<0.5	7.23	1	317	0.8	<1	0.97	<0.5	32	2.4	128	1.0	0.59	18	
D61910 (289442)	<0.5	7.59	1	453	0.6	<1	0.64	<0.5	5	1.2	88.7	0.6	0.38	17	
D61911 (289443)	<0.5	7.62	3	400	0.9	<1	0.81	<0.5	17	2.0	95.8	0.8	0.55	18	
D61912 (289444)	<0.5	0.07	1	18	<0.5	<1	31.2	<0.5	<1	0.5	11.6	<0.5	0.08	<5	
D61913 (289445)	<0.5	7.10	2	293	0.7	1	0.64	<0.5	15	1.0	90.9	3.2	0.41	16	
D61914 (289446)	<0.5	4.58	4	201	0.9	<1	1.07	<0.5	58	3.9	103	4.2	1.03	10	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T482208

PROJECT: AGAT00665

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 18, 2019	DATE RECEIVED: Jun 19, 2019							DATE REPORTED: Jul 02, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D61915 (289447)	<0.5	7.74	<1	413	0.9	<1	5.41	<0.5	14	50.5	122	79.3	8.14	<5	
D61916 (289448)	<0.5	7.56	<1	195	0.6	<1	5.75	<0.5	10	51.9	142	83.5	8.01	7	
D61917 (289449)	<0.5	7.96	<1	169	<0.5	<1	6.41	<0.5	16	54.1	172	107	8.14	7	
D61918 (289450)	<0.5	8.01	<1	162	<0.5	<1	6.47	<0.5	16	53.2	145	117	8.31	<5	
D61919 (289451)	<0.5	6.36	6	296	1.3	<1	1.51	<0.5	27	22.9	105	109	2.57	15	
D61920 (289452)	<0.5	4.26	5	874	1.7	<1	8.62	<0.5	57	45.2	250	116	6.19	<5	
D61921 (289453)	<0.5	8.03	<1	288	0.7	<1	6.77	<0.5	6	57.3	195	84.4	6.01	7	
D61922 (289454)	<0.5	7.61	<1	167	1.2	<1	4.62	<0.5	5	32.9	129	78.0	4.34	12	
D61923 (289455)	<0.5	7.40	<1	172	<0.5	<1	6.08	<0.5	10	50.8	249	73.2	7.47	10	
D61924 (289456)	<0.5	7.84	<1	279	<0.5	<1	5.90	1.1	10	53.5	262	90.3	7.43	10	
D61925 (289457)	<0.5	6.18	<1	197	<0.5	<1	4.99	<0.5	9	42.3	258	48.3	6.98	7	
D61926 (289458)	<0.5	7.18	<1	147	<0.5	<1	6.56	<0.5	5	52.3	173	147	7.64	15	
D61927 (289459)	<0.5	7.71	<1	313	<0.5	<1	6.45	<0.5	10	48.7	242	54.8	6.25	10	
D61928 (289460)	<0.5	7.32	<1	171	<0.5	<1	6.25	<0.5	10	50.3	265	57.2	7.34	8	
D61929 (289461)	<0.5	7.71	<1	158	<0.5	<1	5.24	<0.5	12	48.3	264	65.4	5.32	14	
D61930 (289462)	<0.5	7.44	3	232	1.1	<1	1.21	<0.5	8	1.0	84.3	15.5	0.47	19	
D61931 (289463)	<0.5	6.98	1	336	0.9	<1	2.27	<0.5	20	0.8	60.1	0.5	0.50	16	
D61932 (289464)	<0.5	0.08	<1	15	<0.5	<1	31.1	<0.5	1	0.6	9.5	<0.5	0.08	<5	
D61933 (289465)	<0.5	6.95	<1	367	1.8	<1	2.03	<0.5	50	9.8	128	8.3	2.09	18	
D61934 (289466)	<0.5	3.47	<1	778	2.7	<1	10.4	<0.5	126	94.7	475	104	9.01	<5	
D61935 (289467)	<0.5	7.43	<1	371	0.5	<1	0.75	<0.5	8	1.8	105	1.5	0.74	15	
D61936 (289468)	<0.5	7.33	2	421	<0.5	<1	0.72	<0.5	7	2.0	86.0	1.2	0.57	17	
D61937 (289469)	<0.5	7.01	2	392	<0.5	<1	0.72	<0.5	24	1.4	73.9	<0.5	0.50	17	
D61938 (289470)	<0.5	7.23	<1	403	0.5	<1	0.75	<0.5	26	1.7	118	0.7	0.56	17	
D61939 (289471)	<0.5	7.02	3	390	<0.5	<1	0.69	<0.5	7	2.0	87.7	4.3	0.63	17	
D61940 (289472)	<0.5	7.22	<1	316	0.7	<1	0.94	<0.5	46	1.7	70.2	0.9	0.51	20	
D61941 (289473)	<0.5	7.20	1	110	1.0	<1	1.59	<0.5	16	4.3	129	2.5	1.15	20	
D61942 (289474)	<0.5	7.80	<1	118	1.5	<1	4.80	<0.5	26	40.7	186	8.0	6.91	11	
D61943 (289475)	0.6	7.12	1	320	0.7	<1	0.88	<0.5	41	2.7	175	35.9	0.84	17	
D61944 (289476)	<0.5	7.64	<1	453	<0.5	<1	0.67	<0.5	21	1.2	61.6	4.0	0.49	18	
D61945 (289477)	<0.5	7.30	<1	443	0.5	<1	0.77	<0.5	8	1.4	125	4.6	0.44	17	
D61946 (289478)	<0.5	7.64	<1	199	<0.5	<1	6.30	<0.5	15	54.1	175	101	7.55	16	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T482208

PROJECT: AGAT00665

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 18, 2019	DATE RECEIVED: Jun 19, 2019							DATE REPORTED: Jul 02, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D61947 (289479)	<0.5	6.73	<1	149	0.7	<1	5.95	<0.5	14	58.2	83.3	54.6	7.96	8	
D61948 (289480)	0.5	7.36	<1	298	1.0	<1	1.20	<0.5	28	1.8	143	1.6	0.65	19	
D61949 (289481)	<0.5	7.49	<1	289	0.8	<1	5.01	<0.5	23	44.1	133	28.7	7.34	7	
D61950 (289482)	<0.5	7.62	<1	398	1.1	<1	5.93	<0.5	39	37.3	210	0.7	6.28	8	
D61951 (289483)	<0.5	7.28	<1	207	<0.5	<1	6.09	<0.5	11	58.2	55.0	173	11.2	<5	
D61952 (289484)	<0.5	0.08	<1	14	<0.5	<1	31.5	<0.5	<1	0.8	9.7	<0.5	0.11	<5	
D61953 (289485)	<0.5	6.81	<1	208	<0.5	<1	5.41	<0.5	10	58.3	59.0	71.6	9.70	<5	
D61954 (289486)	<0.5	6.67	<1	146	<0.5	<1	6.00	<0.5	10	54.9	63.7	101	10.6	<5	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 18, 2019	DATE RECEIVED: Jun 19, 2019					DATE REPORTED: Jul 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D61883 (289415)	<1	1.94	9	37	2.74	1370	3.1	2.62	81.4	446	<20	<50	0.06	<1	
D61884 (289416)	<1	3.03	23	15	0.87	707	6.0	3.25	19.1	246	<20	<50	0.12	<1	
D61885 (289417)	<1	2.17	20	14	0.63	603	5.9	2.71	16.2	502	<20	<50	0.07	<1	
D61886 (289418)	<1	0.20	6	12	4.26	1400	<0.5	2.39	86.5	440	<20	<50	0.15	<1	
D61887 (289419)	<1	1.54	16	23	2.93	1420	2.5	2.41	76.6	895	<20	<50	0.11	<1	
D61888 (289420)	<1	0.38	15	12	2.79	1320	1.5	2.69	73.4	754	<20	<50	0.13	<1	
D61889 (289421)	<1	0.82	11	14	2.52	1600	1.5	2.54	98.4	694	<20	<50	0.11	<1	
D61890 (289422)	<1	0.61	12	13	2.30	1780	2.7	2.43	89.6	616	<20	<50	0.13	<1	
D61891 (289423)	<1	4.52	36	2	0.09	937	35.1	2.42	1.4	180	73	<50	0.02	2	
D61892 (289424)	2	0.01	<2	<1	2.24	64	<0.5	0.04	<0.5	75	<20	<50	0.03	<1	
D61893 (289425)	<1	3.49	24	5	0.14	1120	27.0	2.79	4.4	89	115	<50	0.01	2	
D61894 (289426)	<1	0.81	11	21	3.04	1420	2.5	2.26	102	593	<20	<50	0.10	<1	
D61895 (289427)	<1	1.09	11	17	2.68	1760	3.2	2.24	95.2	437	<20	<50	0.07	<1	
D61896 (289428)	<1	0.25	10	13	2.43	2000	4.6	1.80	96.8	526	<20	<50	0.09	<1	
D61897 (289429)	<1	0.20	11	15	3.46	1510	3.3	2.29	102	627	<20	<50	0.11	<1	
D61898 (289430)	<1	0.20	11	15	3.53	1540	2.6	2.39	104	625	<20	<50	0.12	<1	
D61899 (289431)	<1	0.40	11	16	2.99	1540	1.8	2.70	102	1130	<20	<50	0.14	<1	
D61900 (289432)	<1	0.30	11	13	2.88	1600	2.4	2.19	101	627	<20	<50	0.12	<1	
D61901 (289433)	<1	0.67	17	26	3.44	1430	1.3	2.38	73.7	967	<20	<50	0.13	<1	
D61902 (289434)	<1	2.91	4	2	0.09	662	13.7	2.99	2.0	189	32	<50	0.03	<1	
D61903 (289435)	<1	4.54	2	2	0.11	153	11.6	2.58	1.5	30	32	<50	0.04	<1	
D61904 (289436)	<1	4.07	3	3	0.13	203	10.6	2.79	3.5	33	20	<50	0.03	<1	
D61905 (289437)	<1	4.09	4	3	0.15	127	15.3	2.61	3.0	27	20	<50	0.03	<1	
D61906 (289438)	<1	0.45	11	10	4.29	1350	<0.5	2.41	104	909	<20	<50	0.09	<1	
D61907 (289439)	<1	3.83	3	4	0.14	203	18.1	2.64	2.0	25	<20	<50	0.01	<1	
D61908 (289440)	<1	4.53	6	3	0.12	82	15.2	2.76	3.0	23	<20	<50	<0.01	<1	
D61909 (289441)	<1	3.90	18	3	0.11	86	17.0	2.85	2.4	38	<20	<50	0.01	<1	
D61910 (289442)	1	5.75	3	1	0.08	61	10.7	2.34	1.9	29	25	56	0.01	<1	
D61911 (289443)	<1	5.05	10	3	0.13	116	12.1	2.76	4.5	39	26	<50	0.01	<1	
D61912 (289444)	3	0.02	2	<1	2.81	52	<0.5	0.04	1.1	87	<20	<50	0.02	<1	
D61913 (289445)	<1	4.57	8	<1	0.07	161	10.0	2.68	1.6	29	23	<50	0.02	<1	
D61914 (289446)	<1	3.72	30	1	0.38	261	13.0	1.66	9.1	455	<20	<50	0.04	<1	

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# Certificate of Analysis

AGAT WORK ORDER: 19T482208

PROJECT: AGAT00665

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 18, 2019	DATE RECEIVED: Jun 19, 2019					DATE REPORTED: Jul 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D61915 (289447)	<1	0.99	9	16	3.05	1450	1.9	3.26	90.5	525	<20	<50	0.16	<1	
D61916 (289448)	<1	0.95	7	10	2.75	1550	2.8	2.75	101	440	<20	<50	0.15	<1	
D61917 (289449)	<1	1.18	11	8	2.10	1640	4.8	2.64	100	493	<20	<50	0.35	<1	
D61918 (289450)	<1	1.23	10	8	2.18	1660	3.9	2.61	98.6	497	<20	<50	0.38	<1	
D61919 (289451)	<1	3.34	14	6	0.54	534	21.5	2.79	58.0	95	97	<50	0.72	<1	
D61920 (289452)	<1	2.38	33	240	4.63	1480	1.6	1.55	220	903	<20	<50	0.41	<1	
D61921 (289453)	<1	0.79	5	12	2.39	1250	4.7	2.82	96.0	781	21	<50	0.29	<1	
D61922 (289454)	<1	0.68	6	11	1.85	1090	12.3	2.87	48.9	275	<20	<50	0.19	<1	
D61923 (289455)	<1	0.51	7	15	3.27	1380	3.2	2.25	81.6	731	<20	<50	0.19	<1	
D61924 (289456)	<1	0.43	7	16	3.59	1380	2.9	2.25	88.9	723	<20	<50	0.23	<1	
D61925 (289457)	<1	0.82	6	21	3.39	1270	5.7	1.74	70.6	649	<20	<50	0.11	<1	
D61926 (289458)	<1	0.20	5	12	4.16	1370	<0.5	2.31	82.4	399	<20	<50	0.15	<1	
D61927 (289459)	<1	0.55	6	10	2.93	1390	2.1	2.20	77.4	723	<20	<50	0.11	<1	
D61928 (289460)	<1	0.59	7	17	3.35	1580	2.1	2.02	81.3	736	<20	<50	0.10	<1	
D61929 (289461)	<1	0.59	7	12	1.94	1190	3.8	2.47	65.7	763	<20	<50	0.13	<1	
D61930 (289462)	<1	3.28	5	3	0.06	320	12.5	3.17	0.6	36	22	<50	0.02	2	
D61931 (289463)	<1	4.08	12	4	0.15	347	7.8	2.63	0.7	63	29	<50	0.02	<1	
D61932 (289464)	2	0.02	2	1	2.33	51	<0.5	0.04	1.1	60	<20	<50	0.02	<1	
D61933 (289465)	<1	3.76	30	31	1.22	326	31.7	2.89	21.8	506	20	<50	0.04	<1	
D61934 (289466)	<1	1.90	70	55	5.89	1800	2.0	1.19	287	2580	<20	<50	0.22	<1	
D61935 (289467)	<1	5.38	6	3	0.11	565	15.1	2.23	2.5	45	64	<50	0.02	<1	
D61936 (289468)	<1	5.38	4	3	0.12	171	10.2	2.20	3.6	58	29	55	<0.01	<1	
D61937 (289469)	<1	4.86	14	3	0.09	62	10.9	2.34	1.3	43	25	50	<0.01	<1	
D61938 (289470)	<1	4.93	16	3	0.09	66	13.6	2.40	1.5	43	25	50	<0.01	<1	
D61939 (289471)	<1	5.01	5	5	0.11	67	10.7	2.25	1.5	34	29	54	0.02	<1	
D61940 (289472)	<1	4.24	26	5	0.08	66	12.7	2.67	1.4	64	30	<50	<0.01	<1	
D61941 (289473)	<1	1.52	10	9	0.20	223	13.8	3.40	2.9	56	<20	<50	<0.01	<1	
D61942 (289474)	<1	1.21	16	27	2.74	1420	5.3	2.22	31.6	905	<20	<50	0.03	<1	
D61943 (289475)	<1	4.32	26	7	0.11	182	12.6	2.56	2.1	58	22	<50	0.10	<1	
D61944 (289476)	<1	5.63	12	5	0.08	91	11.0	2.35	<0.5	82	25	53	0.01	<1	
D61945 (289477)	<1	5.10	5	4	0.07	67	11.5	2.41	1.4	58	22	<50	0.01	<1	
D61946 (289478)	<1	0.44	11	10	4.27	1350	<0.5	2.40	101	866	<20	<50	0.09	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 18, 2019	DATE RECEIVED: Jun 19, 2019					DATE REPORTED: Jul 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:														
D61947 (289479)	<1	0.77	9	22	2.27	1670	4.3	2.20	36.9	681	<20	<50	0.09	<1	
D61948 (289480)	<1	3.30	16	7	0.09	243	26.1	2.90	1.7	81	20	<50	<0.01	2	
D61949 (289481)	<1	1.16	14	22	3.01	1610	3.2	2.22	28.5	960	<20	<50	0.05	<1	
D61950 (289482)	<1	0.71	22	13	3.44	1410	3.4	2.63	35.7	1240	<20	<50	<0.01	<1	
D61951 (289483)	<1	0.54	8	13	2.40	2570	2.1	1.78	24.9	544	<20	<50	0.23	<1	
D61952 (289484)	3	0.02	<2	1	3.15	52	<0.5	0.05	0.8	74	<20	<50	0.02	<1	
D61953 (289485)	<1	0.38	8	13	2.17	1920	1.7	1.85	26.6	532	<20	<50	0.08	<1	
D61954 (289486)	<1	0.45	8	10	2.14	2760	2.8	1.76	26.3	575	<20	<50	0.12	<1	

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ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 18, 2019

DATE RECEIVED: Jun 19, 2019

DATE REPORTED: Jul 02, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D61883 (289415)	22	<10	<5	211	<10	<10	<5	0.67	<5	<50	144	<1	19	132
D61884 (289416)	13	<10	<5	230	<10	<10	<5	0.39	<5	<50	70.7	<1	9	58.1
D61885 (289417)	9	<10	<5	272	<10	<10	<5	0.32	<5	<50	59.6	<1	9	66.1
D61886 (289418)	45	<10	<5	117	<10	<10	<5	0.68	<5	<50	300	<1	22	78.0
D61887 (289419)	24	<10	<5	362	<10	<10	<5	0.93	<5	<50	177	<1	24	118
D61888 (289420)	24	<10	<5	281	<10	<10	<5	0.89	<5	<50	184	<1	25	118
D61889 (289421)	26	<10	<5	322	<10	<10	<5	0.86	<5	<50	178	<1	22	122
D61890 (289422)	23	<10	<5	282	<10	<10	<5	0.78	<5	<50	165	<1	23	139
D61891 (289423)	5	<10	<5	119	<10	<10	88	0.02	<5	63	<0.5	<1	21	19.8
D61892 (289424)	<1	<10	<5	77	<10	<10	<5	<0.01	<5	<50	<0.5	<1	2	3.3
D61893 (289425)	6	<10	<5	119	<10	<10	65	0.03	<5	187	4.2	<1	28	12.8
D61894 (289426)	24	<10	<5	255	<10	<10	<5	0.83	<5	<50	171	<1	21	127
D61895 (289427)	25	<10	<5	304	<10	<10	<5	0.70	<5	<50	162	<1	19	122
D61896 (289428)	23	<10	<5	227	<10	<10	<5	0.78	<5	<50	161	<1	20	127
D61897 (289429)	25	<10	<5	259	<10	<10	<5	0.85	<5	<50	176	<1	22	118
D61898 (289430)	25	<10	<5	270	<10	<10	<5	0.89	<5	<50	184	<1	23	122
D61899 (289431)	25	<10	<5	263	<10	<10	<5	0.76	<5	<50	168	<1	21	128
D61900 (289432)	24	<10	<5	237	<10	<10	<5	0.86	<5	<50	174	<1	21	116
D61901 (289433)	24	<10	<5	262	<10	<10	<5	0.97	<5	<50	182	<1	23	129
D61902 (289434)	4	<10	<5	118	<10	<10	36	0.02	<5	<50	2.0	<1	17	9.3
D61903 (289435)	1	<10	<5	119	<10	<10	<5	0.05	<5	<50	1.5	<1	3	51.1
D61904 (289436)	2	<10	<5	112	<10	<10	<5	0.05	<5	<50	2.9	<1	3	24.4
D61905 (289437)	1	<10	<5	118	<10	<10	<5	0.06	<5	<50	3.9	<1	2	31.7
D61906 (289438)	34	<10	<5	253	<10	<10	<5	0.86	<5	<50	233	<1	22	86.1
D61907 (289439)	1	<10	<5	112	<10	<10	<5	0.06	<5	<50	1.9	<1	4	27.9
D61908 (289440)	<1	<10	<5	124	<10	<10	<5	0.05	<5	<50	2.6	<1	2	15.6
D61909 (289441)	<1	<10	<5	119	<10	<10	8	0.05	<5	<50	1.5	<1	2	13.0
D61910 (289442)	<1	<10	<5	125	<10	<10	<5	0.03	<5	<50	1.7	<1	1	8.9
D61911 (289443)	<1	<10	<5	132	<10	<10	<5	0.03	<5	<50	2.5	<1	2	12.3
D61912 (289444)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	<0.5	<1	2	3.9
D61913 (289445)	<1	<10	<5	108	<10	<10	<5	0.01	<5	<50	1.0	<1	5	9.3
D61914 (289446)	6	<10	<5	123	<10	<10	<5	0.05	<5	<50	39.8	<1	15	44.8

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 18, 2019	DATE RECEIVED: Jun 19, 2019					DATE REPORTED: Jul 02, 2019					SAMPLE TYPE: Drill Core				
Analyte: Unit: RDL:	Sc ppm 1	Se ppm 10	Sn ppm 5	Sr ppm 1	Ta ppm 10	Te ppm 10	Th ppm 5	Ti % 0.01	Tl ppm 5	U ppm 50	V ppm 0.5	W ppm 1	Y ppm 1	Zn ppm 0.5	
D61915 (289447)	23	<10	<5	212	<10	<10	<5	0.58	<5	<50	167	<1	21	139	
D61916 (289448)	23	<10	<5	211	<10	<10	<5	0.70	<5	<50	159	<1	21	168	
D61917 (289449)	24	<10	<5	221	<10	<10	<5	0.71	<5	<50	159	<1	20	155	
D61918 (289450)	25	<10	<5	220	<10	<10	<5	0.72	<5	<50	162	<1	20	168	
D61919 (289451)	6	<10	<5	122	<10	<10	<5	0.10	<5	<50	28.2	<1	9	189	
D61920 (289452)	31	<10	<5	544	<10	<10	<5	0.43	<5	<50	168	<1	20	105	
D61921 (289453)	42	<10	<5	210	<10	<10	<5	0.65	<5	<50	309	<1	22	122	
D61922 (289454)	26	<10	<5	173	<10	<10	<5	0.43	<5	<50	186	775	18	84.7	
D61923 (289455)	36	<10	<5	153	<10	<10	<5	0.80	<5	<50	211	<1	36	143	
D61924 (289456)	36	<10	<5	226	<10	<10	<5	0.80	<5	<50	216	<1	35	232	
D61925 (289457)	31	<10	<5	133	<10	<10	<5	0.64	<5	<50	182	<1	28	133	
D61926 (289458)	42	<10	<5	114	<10	<10	<5	0.66	<5	<50	286	<1	21	76.1	
D61927 (289459)	35	<10	<5	127	<10	<10	<5	0.82	<5	<50	209	<1	33	109	
D61928 (289460)	36	<10	<5	119	<10	<10	<5	0.78	<5	<50	207	<1	36	90.4	
D61929 (289461)	38	<10	<5	134	<10	<10	<5	0.78	<5	<50	225	<1	35	72.9	
D61930 (289462)	2	<10	<5	109	<10	<10	7	0.02	<5	<50	0.9	<1	9	7.1	
D61931 (289463)	2	<10	<5	116	<10	<10	<5	0.02	<5	<50	4.3	<1	8	34.6	
D61932 (289464)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	<0.5	<1	2	8.6	
D61933 (289465)	6	<10	<5	210	<10	<10	<5	0.22	<5	<50	37.2	<1	14	50.1	
D61934 (289466)	18	<10	<5	1190	<10	<10	<5	1.71	<5	<50	286	<1	30	123	
D61935 (289467)	3	<10	<5	120	<10	<10	<5	0.03	<5	<50	4.5	<1	13	30.9	
D61936 (289468)	1	<10	<5	127	<10	<10	<5	0.05	<5	<50	3.1	<1	3	14.6	
D61937 (289469)	<1	<10	<5	118	<10	<10	9	0.04	<5	<50	0.6	<1	1	17.4	
D61938 (289470)	<1	<10	<5	121	<10	<10	11	0.05	<5	<50	0.8	<1	1	20.0	
D61939 (289471)	1	<10	<5	115	<10	<10	<5	0.05	<5	<50	1.8	<1	1	27.3	
D61940 (289472)	<1	<10	<5	118	<10	<10	27	0.04	<5	<50	2.3	<1	2	19.3	
D61941 (289473)	3	<10	<5	114	<10	<10	<5	0.09	<5	<50	14.5	<1	4	41.8	
D61942 (289474)	32	<10	<5	179	<10	<10	<5	0.56	<5	<50	246	<1	27	132	
D61943 (289475)	2	<10	<5	121	<10	<10	10	0.06	<5	<50	6.4	<1	4	17.3	
D61944 (289476)	<1	<10	<5	132	<10	<10	<5	0.04	<5	<50	1.5	<1	2	13.5	
D61945 (289477)	<1	<10	<5	130	<10	<10	<5	0.03	<5	<50	2.3	<1	2	15.3	
D61946 (289478)	32	<10	<5	253	<10	<10	<5	0.85	<5	<50	222	<1	21	86.5	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 18, 2019	DATE RECEIVED: Jun 19, 2019					DATE REPORTED: Jul 02, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D61947 (289479)	43	<10	<5	193	<10	<10	<5	1.02	<5	<50	415	<1	36	123	
D61948 (289480)	2	<10	<5	131	<10	<10	12	0.04	<5	<50	1.8	<1	7	15.6	
D61949 (289481)	35	<10	<5	220	<10	<10	<5	0.73	<5	<50	291	<1	26	106	
D61950 (289482)	29	<10	<5	304	<10	<10	<5	0.48	<5	<50	194	<1	19	89.6	
D61951 (289483)	45	<10	<5	190	<10	<10	<5	1.04	<5	<50	434	<1	39	126	
D61952 (289484)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	<0.5	<1	2	4.5	
D61953 (289485)	44	<10	<5	235	<10	<10	<5	0.98	<5	<50	417	<1	37	114	
D61954 (289486)	42	<10	<5	152	<10	<10	<5	0.97	<5	<50	404	<1	38	112	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 18, 2019      DATE RECEIVED: Jun 19, 2019      DATE REPORTED: Jul 02, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D61883 (289415)				46
D61884 (289416)				64
D61885 (289417)				75
D61886 (289418)				58
D61887 (289419)				30
D61888 (289420)				32
D61889 (289421)				17
D61890 (289422)				22
D61891 (289423)				103
D61892 (289424)				<5
D61893 (289425)				139
D61894 (289426)				25
D61895 (289427)				14
D61896 (289428)				15
D61897 (289429)				22
D61898 (289430)				16
D61899 (289431)				19
D61900 (289432)				19
D61901 (289433)				32
D61902 (289434)				89
D61903 (289435)				30
D61904 (289436)				14
D61905 (289437)				14
D61906 (289438)				89
D61907 (289439)				15
D61908 (289440)				6
D61909 (289441)				59
D61910 (289442)				10
D61911 (289443)				29
D61912 (289444)				<5
D61913 (289445)				17
D61914 (289446)				17

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T482208

PROJECT: AGAT00665

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 18, 2019


DATE RECEIVED: Jun 19, 2019

DATE REPORTED: Jul 02, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Zr
	Unit:	ppm
	RDL:	5
D61915 (289447)		34
D61916 (289448)		21
D61917 (289449)		21
D61918 (289450)		21
D61919 (289451)		28
D61920 (289452)		82
D61921 (289453)		18
D61922 (289454)		60
D61923 (289455)		21
D61924 (289456)		19
D61925 (289457)		15
D61926 (289458)		52
D61927 (289459)		17
D61928 (289460)		17
D61929 (289461)		23
D61930 (289462)		47
D61931 (289463)		110
D61932 (289464)		<5
D61933 (289465)		51
D61934 (289466)		96
D61935 (289467)		47
D61936 (289468)		35
D61937 (289469)		29
D61938 (289470)		33
D61939 (289471)		27
D61940 (289472)		10
D61941 (289473)		79
D61942 (289474)		84
D61943 (289475)		114
D61944 (289476)		28
D61945 (289477)		23
D61946 (289478)		87

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T482208

PROJECT: AGAT00665

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 18, 2019	DATE RECEIVED: Jun 19, 2019	DATE REPORTED: Jul 02, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D61947 (289479)				39
D61948 (289480)				121
D61949 (289481)				60
D61950 (289482)				89
D61951 (289483)				22
D61952 (289484)				<5
D61953 (289485)				20
D61954 (289486)				20

Comments: RDL - Reported Detection Limit  
 289415-289486 As, Sb values may be low due to digestion losses.  
 Analysis performed at AGAT Toronto (unless marked by \*)

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## Certificate of Analysis

AGAT WORK ORDER: 19T482208

PROJECT: AGAT00665

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 18, 2019      DATE RECEIVED: Jun 19, 2019      DATE REPORTED: Jul 02, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au	ppm	0.001	
D61883 (289415)				0.003
D61884 (289416)				0.001
D61885 (289417)				0.003
D61886 (289418)				0.541
D61887 (289419)				0.002
D61888 (289420)				0.001
D61889 (289421)				0.002
D61890 (289422)				0.002
D61891 (289423)				0.001
D61892 (289424)				<0.001
D61893 (289425)				0.001
D61894 (289426)				0.002
D61895 (289427)				0.002
D61896 (289428)				0.003
D61897 (289429)				0.001
D61898 (289430)				0.001
D61899 (289431)				0.002
D61900 (289432)				0.002
D61901 (289433)				0.001
D61902 (289434)				0.003
D61903 (289435)				0.002
D61904 (289436)				0.002
D61905 (289437)				0.001
D61906 (289438)				0.322
D61907 (289439)				0.001
D61908 (289440)				0.007
D61909 (289441)				0.001
D61910 (289442)				0.001
D61911 (289443)				0.001
D61912 (289444)				<0.001
D61913 (289445)				<0.001
D61914 (289446)				0.001

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T482208

PROJECT: AGAT00665

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 18, 2019      DATE RECEIVED: Jun 19, 2019      DATE REPORTED: Jul 02, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au	ppm	0.001	
D61915 (289447)				0.001
D61916 (289448)				0.002
D61917 (289449)				0.003
D61918 (289450)				0.003
D61919 (289451)				0.006
D61920 (289452)				0.003
D61921 (289453)				0.004
D61922 (289454)				0.002
D61923 (289455)				0.002
D61924 (289456)				0.002
D61925 (289457)				<0.001
D61926 (289458)				0.510
D61927 (289459)				0.003
D61928 (289460)				0.002
D61929 (289461)				0.007
D61930 (289462)				0.014
D61931 (289463)				0.001
D61932 (289464)				<0.001
D61933 (289465)				0.002
D61934 (289466)				0.003
D61935 (289467)				0.002
D61936 (289468)				0.002
D61937 (289469)				0.001
D61938 (289470)				<0.001
D61939 (289471)				0.002
D61940 (289472)				<0.001
D61941 (289473)				<0.001
D61942 (289474)				0.002
D61943 (289475)				0.004
D61944 (289476)				0.001
D61945 (289477)				<0.001
D61946 (289478)				0.337

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T482208

PROJECT: AGAT00665

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 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 18, 2019      DATE RECEIVED: Jun 19, 2019      DATE REPORTED: Jul 02, 2019      SAMPLE TYPE: Drill Core

Analyte:	Unit:	RDL:
Au	ppm	0.001
Sample ID (AGAT ID)		
D61947 (289479)		0.006
D61948 (289480)		0.002
D61949 (289481)		0.002
D61950 (289482)		0.003
D61951 (289483)		0.004
D61952 (289484)		0.001
D61953 (289485)		0.002
D61954 (289486)		0.002

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T482208

PROJECT: AGAT00665

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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## Sieving - % Passing (Crushing)

DATE SAMPLED: Jun 18, 2019

DATE RECEIVED: Jun 19, 2019

DATE REPORTED: Jul 02, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D61883 (289415)		83.56
D61902 (289434)		84.70
D61922 (289454)		86.35
D61942 (289474)		84.35

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	289415	< 0.5	< 0.5	0.0%	289429	< 0.5	< 0.5	0.0%	289440	< 0.5	< 0.5	0.0%	289454	< 0.5	< 0.5	0.0%
Al	289415	8.06	7.51	7.1%	289429	8.29	8.36	0.8%	289440	7.48	7.18	4.1%	289454	7.61	7.29	4.3%
As	289415	< 1	< 1	0.0%	289429	< 1	< 1	0.0%	289440	2	< 1		289454	< 1	< 1	0.0%
Ba	289415	141	134	5.1%	289429	50	50	0.0%	289440	374	386	3.2%	289454	167	161	3.7%
Be	289415	0.8	0.8	0.0%	289429	< 0.5	< 0.5	0.0%	289440	0.8	0.8	0.0%	289454	1.2	1.2	0.0%
Bi	289415	< 1	< 1	0.0%	289429	< 1	< 1	0.0%	289440	< 1	< 1	0.0%	289454	< 1	< 1	0.0%
Ca	289415	5.23	4.96	5.3%	289429	5.85	5.89	0.7%	289440	0.956	0.923	3.5%	289454	4.62	4.51	2.4%
Cd	289415	< 0.5	< 0.5	0.0%	289429	< 0.5	< 0.5	0.0%	289440	< 0.5	< 0.5	0.0%	289454	< 0.5	< 0.5	0.0%
Ce	289415	16	15	6.5%	289429	20	21	4.9%	289440	10	9	10.5%	289454	5	6	18.2%
Co	289415	47.9	45.6	4.9%	289429	59.8	60.4	1.0%	289440	1.79	1.63	9.4%	289454	32.9	32.5	1.2%
Cr	289415	121	133	9.4%	289429	162	173	6.6%	289440	119	123	3.3%	289454	129	108	17.7%
Cu	289415	38.9	33.4	15.2%	289429	78.3	77.8	0.6%	289440	0.8	0.8	0.0%	289454	78.0	75.3	3.5%
Fe	289415	7.59	7.19	5.4%	289429	9.43	9.47	0.4%	289440	0.625	0.596	4.8%	289454	4.34	4.19	3.5%
Ga	289415	11	10	9.5%	289429	5	5	0.0%	289440	17	17	0.0%	289454	12	13	8.0%
In	289415	< 1	< 1	0.0%	289429	< 1	< 1	0.0%	289440	< 1	< 1	0.0%	289454	< 1	< 1	0.0%
K	289415	1.94	1.82	6.4%	289429	0.20	0.20	0.0%	289440	4.53	4.68	3.3%	289454	0.68	0.65	4.5%
La	289415	9	9	0.0%	289429	11	11	0.0%	289440	6	6	0.0%	289454	6	5	18.2%
Li	289415	37	35	5.6%	289429	15	15	0.0%	289440	3	3	0.0%	289454	11	11	0.0%
Mg	289415	2.74	2.57	6.4%	289429	3.46	3.50	1.1%	289440	0.12	0.12	0.0%	289454	1.85	1.77	4.4%
Mn	289415	1370	1280	6.8%	289429	1510	1510	0.0%	289440	82	83	1.2%	289454	1090	1060	2.8%
Mo	289415	3.09	2.72	12.7%	289429	3.32	3.14	5.6%	289440	15.2	14.7	3.3%	289454	12.3	11.5	6.7%
Na	289415	2.62	2.49	5.1%	289429	2.29	2.31	0.9%	289440	2.76	2.83	2.5%	289454	2.87	2.78	3.2%
Ni	289415	81.4	77.1	5.4%	289429	102	103	1.0%	289440	2.96	2.55	14.9%	289454	48.9	48.6	0.6%
P	289415	446	416	7.0%	289429	627	621	1.0%	289440	23	25	8.3%	289454	275	269	2.2%
Pb	289415	< 20	< 20	0.0%	289429	< 20	< 20	0.0%	289440	< 20	< 20	0.0%	289454	< 20	< 20	0.0%
Rb	289415	< 50	< 50	0.0%	289429	< 50	< 50	0.0%	289440	< 50	< 50	0.0%	289454	< 50	< 50	0.0%
S	289415	0.06	0.06	0.0%	289429	0.11	0.11	0.0%	289440	< 0.01	< 0.01	0.0%	289454	0.19	0.19	0.0%
Sb	289415	< 1	< 1	0.0%	289429	< 1	< 1	0.0%	289440	< 1	< 1	0.0%	289454	< 1	< 1	0.0%
Sc	289415	22	22	0.0%	289429	25	25	0.0%	289440	< 1	< 1	0.0%	289454	26	26	0.0%
Se	289415	< 10	< 10	0.0%	289429	< 10	< 10	0.0%	289440	< 10	< 10	0.0%	289454	< 10	< 10	0.0%
Sn	289415	< 5	< 5	0.0%	289429	< 5	< 5	0.0%	289440	< 5	< 5	0.0%	289454	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	289415	211	201	4.9%	289429	259	261	0.8%	289440	124	127	2.4%	289454	173	167	3.5%
Ta	289415	< 10	< 10	0.0%	289429	< 10	< 10	0.0%	289440	< 10	< 10	0.0%	289454	< 10	< 10	0.0%
Te	289415	< 10	< 10	0.0%	289429	< 10	< 10	0.0%	289440	< 10	< 10	0.0%	289454	< 10	< 10	0.0%
Th	289415	< 5	< 5	0.0%	289429	< 5	< 5	0.0%	289440	< 5	< 5	0.0%	289454	< 5	< 5	0.0%
Ti	289415	0.67	0.64	4.6%	289429	0.85	0.85	0.0%	289440	0.05	0.05	0.0%	289454	0.426	0.415	2.6%
Tl	289415	< 5	< 5	0.0%	289429	< 5	< 5	0.0%	289440	< 5	< 5	0.0%	289454	< 5	< 5	0.0%
U	289415	< 50	< 50	0.0%	289429	< 50	< 50	0.0%	289440	< 50	< 50	0.0%	289454	< 50	< 50	0.0%
V	289415	144	141	2.1%	289429	176	178	1.1%	289440	2.6	2.6	0.0%	289454	186	182	2.2%
W	289415	< 1	< 1	0.0%	289429	< 1	< 1	0.0%	289440	< 1	< 1	0.0%	289454	775	749	3.4%
Y	289415	19	19	0.0%	289429	22	22	0.0%	289440	2	2	0.0%	289454	18	18	0.0%
Zn	289415	132	123	7.1%	289429	118	118	0.0%	289440	15.6	15.7	0.6%	289454	84.7	81.4	4.0%
Zr	289415	46	43	6.7%	289429	22	19	14.6%	289440	6	7	15.4%	289454	60	58	3.4%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	289465	< 0.5	< 0.5	0.0%	289479	< 0.5	< 0.5	0.0%								
Al	289465	6.95	6.87	1.2%	289479	6.73	7.08	5.1%								
As	289465	< 1	2		289479	< 1	< 1	0.0%								
Ba	289465	367	365	0.5%	289479	149	155	3.9%								
Be	289465	1.76	1.73	1.7%	289479	0.7	0.7	0.0%								
Bi	289465	< 1	< 1	0.0%	289479	< 1	< 1	0.0%								
Ca	289465	2.03	1.99	2.0%	289479	5.95	6.12	2.8%								
Cd	289465	< 0.5	< 0.5	0.0%	289479	< 0.5	< 0.5	0.0%								
Ce	289465	50	47	6.2%	289479	14	14	0.0%								
Co	289465	9.8	9.5	3.1%	289479	58.2	58.8	1.0%								
Cr	289465	128	125	2.4%	289479	83.3	86.9	4.2%								
Cu	289465	8.3	8.0	3.7%	289479	54.6	57.0	4.3%								
Fe	289465	2.09	2.08	0.5%	289479	7.96	8.22	3.2%								
Ga	289465	18	18	0.0%	289479	8	6	28.6%								
In	289465	< 1	< 1	0.0%	289479	< 1	< 1	0.0%								
K	289465	3.76	3.77	0.3%	289479	0.768	0.815	5.9%								
La	289465	30	28	6.9%	289479	9	9	0.0%								
Li	289465	31	31	0.0%	289479	22	23	4.4%								
Mg	289465	1.22	1.21	0.8%	289479	2.27	2.42	6.4%								
Mn	289465	326	322	1.2%	289479	1670	1760	5.2%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	289465	31.7	27.8	13.1%	289479	4.3	4.3	0.0%								
Na	289465	2.89	2.89	0.0%	289479	2.20	2.27	3.1%								
Ni	289465	21.8	21.6	0.9%	289479	36.9	36.4	1.4%								
P	289465	506	467	8.0%	289479	681	674	1.0%								
Pb	289465	20	18	10.5%	289479	< 20	< 20	0.0%								
Rb	289465	< 50	< 50	0.0%	289479	< 50	< 50	0.0%								
S	289465	0.04	0.04	0.0%	289479	0.09	0.09	0.0%								
Sb	289465	< 1	< 1	0.0%	289479	< 1	< 1	0.0%								
Sc	289465	6	6	0.0%	289479	43	44	2.3%								
Se	289465	< 10	< 10	0.0%	289479	< 10	< 10	0.0%								
Sn	289465	< 5	< 5	0.0%	289479	< 5	< 5	0.0%								
Sr	289465	210	209	0.5%	289479	193	200	3.6%								
Ta	289465	< 10	< 10	0.0%	289479	< 10	< 10	0.0%								
Te	289465	< 10	< 10	0.0%	289479	< 10	< 10	0.0%								
Th	289465	< 5	< 5	0.0%	289479	< 5	< 5	0.0%								
Ti	289465	0.22	0.22	0.0%	289479	1.02	1.06	3.8%								
Tl	289465	< 5	< 5	0.0%	289479	< 5	< 5	0.0%								
U	289465	< 50	< 50	0.0%	289479	< 50	< 50	0.0%								
V	289465	37.2	34.1	8.7%	289479	415	416	0.2%								
W	289465	< 1	< 1	0.0%	289479	< 1	< 1	0.0%								
Y	289465	14	14	0.0%	289479	36	36	0.0%								
Zn	289465	50.1	50.5	0.8%	289479	123	129	4.8%								
Zr	289465	51	52	1.9%	289479	39	40	2.5%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	289415	0.003	0.002		289429	0.0013	0.0016	20.7%	289440	0.007	0.001		289454	0.002	0.007	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	289465	0.002	0.002	0.0%	289479	0.006	0.002									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

**(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish**

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	11.4	104%	90% - 110%	8.17	8.48	104%	90% - 110%	6.96	7.1	102%	90% - 110%	10.95	11.03	101%	90% - 110%
As					26	23	88%	90% - 110%	124	123	99%	90% - 110%				
Ba	340	356	105%	90% - 110%	540	534	99%	90% - 110%	186	192	103%	90% - 110%	340	340	100%	90% - 110%
Be	2.6	2.5	95%	90% - 110%	4.0	3	76%	90% - 110%					2.6	2.5	97%	90% - 110%
Ca	5.72	5.69	99%	90% - 110%	0.907	0.917	101%	90% - 110%	4.01	3.89	97%	90% - 110%	5.72	5.39	94%	90% - 110%
Ce	122	113	92%	90% - 110%	98	96	98%	90% - 110%	24	18	74%	90% - 110%	122	97	80%	90% - 110%
Co									22.1	23.6	107%	90% - 110%				
Cr					60.3	57.9	96%	90% - 110%								
Cu					150	151	101%	90% - 110%	88.6	84.6	95%	90% - 110%				
Fe	4.34	4.11	95%	90% - 110%	3.77	3.65	97%	90% - 110%	7.56	7.23	96%	90% - 110%	4.34	3.95	91%	90% - 110%
Ga	35	36	102%	90% - 110%									35	35	101%	90% - 110%
K	1.37	1.46	106%	90% - 110%					2.021	2.035	101%	90% - 110%	1.37	1.4	102%	90% - 110%
La	58	55	94%	90% - 110%	44	44	101%	90% - 110%					58	53	91%	90% - 110%
Li	37	39	104%	90% - 110%	47	47	99%	90% - 110%					37	38	102%	90% - 110%
Mg	0.325	0.304	93%	90% - 110%	1.10	1.1	100%	90% - 110%	2.412	2.414	100%	90% - 110%	0.325	0.304	93%	90% - 110%
Mn					780	781	100%	90% - 110%	1510	1472	98%	90% - 110%				
Mo					14	13	91%	90% - 110%								
Na	5.267	5.605	106%	90% - 110%	1.624	1.737	107%	90% - 110%	0.617	0.659	107%	90% - 110%	5.267	5.405	103%	90% - 110%
Ni					32	30	93%	90% - 110%	77.1	71.5	93%	90% - 110%				
P					750	729	97%	90% - 110%	892	933	105%	90% - 110%				
Pb					31	22	73%	90% - 110%								
S									0.348	0.328	94%	90% - 110%				
Sc	1.1	0.9	78%	90% - 110%	12	12	97%	90% - 110%					1.1	0.8	77%	90% - 110%
Sr	1191	1219	102%	90% - 110%	144	153	106%	90% - 110%	92.8	92.6	100%	90% - 110%	1191	1170	98%	90% - 110%
Ti	0.172	0.173	100%	90% - 110%	0.53	0.48	91%	90% - 110%					0.172	0.165	96%	90% - 110%
V					77	72	93%	90% - 110%								
Y	119	113	95%	90% - 110%									119	113	95%	90% - 110%
Zn	93	93	100%	90% - 110%	130	127	97%	90% - 110%	208	206	99%	90% - 110%	93	91	98%	90% - 110%

**(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)**

Parameter	CRM #1 (ref.GSP5G)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS5W)				CRM #4 (ref.GS6F)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits





**AGAT** Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 19T482208

PROJECT: AGAT00665

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Au	0.562	0.538	96%	90% - 110%	0.725	0.653	90%	90% - 110%	5.27	5.36	102%	90% - 110%	6.87	6.57	96%	90% - 110%
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## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00665  
 SAMPLING SITE:

AGAT WORK ORDER: 19T482208  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill, Christine Shultis

PROJECT: AGAT00666

AGAT WORK ORDER: 19T484021

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jul 17, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T484021

PROJECT: AGAT00666

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (200-) Sample Login Weight

DATE SAMPLED: Jun 23, 2019      DATE RECEIVED: Jun 24, 2019      DATE REPORTED: Jul 17, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D61955 (300892)		2.52
D61956 (300893)		2.47
D61957 (300894)		2.56
D61958 (300895)		2.56
D61959 (300896)		1.37
D61960 (300897)		0.85
D61961 (300898)		2.88
D61962 (300899)		3.84
D61963 (300900)		3.74
D61964 (300901)		2.44
D61965 (300902)		1.32
D61966 (300903)		0.07
D61967 (300904)		1.24
D61968 (300905)		3.74
D61969 (300906)		1.09
D61970 (300907)		0.92
D61971 (300908)		1.63
D61972 (300909)		0.67
D61973 (300910)		2.25
D61974 (300911)		2.25
D61975 (300912)		2.59
D61976 (300913)		2.98
D61977 (300914)		0.88
D61978 (300915)		0.88
D61979 (300916)		2.25
D61980 (300917)		2.27
D61981 (300918)		1.44
D61982 (300919)		3.25
D61983 (300920)		2.04
D61984 (300921)		2.20
D61985 (300922)		2.42

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T484021

PROJECT: AGAT00666

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (200-) Sample Login Weight

DATE SAMPLED: Jun 23, 2019      DATE RECEIVED: Jun 24, 2019      DATE REPORTED: Jul 17, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D61986 (300923)		0.07
D61987 (300924)		2.52
D61988 (300925)		2.19
D61989 (300926)		3.23
D61990 (300927)		1.11
D61991 (300928)		2.81
D61992 (300929)		0.58
D61993 (300930)		1.62
D61994 (300931)		0.73
D61995 (300932)		3.42
D61996 (300933)		3.56
D61997 (300934)		3.73
D61998 (300935)		3.73
D61999 (300936)		3.73
D62000 (300937)		3.50
D70001 (300938)		2.42
D70002 (300939)		3.15
D70003 (300940)		2.72
D70004 (300941)		3.42
D70005 (300942)		2.15
D70006 (300943)		0.07
D70007 (300944)		1.71
D70008 (300945)		1.88
D70009 (300946)		1.43
D70010 (300947)		1.58
D70011 (300948)		3.66
D70012 (300949)		0.58
D70013 (300950)		2.18
D70014 (300951)		3.08
D70015 (300952)		2.18
D70016 (300953)		1.71

Certified By:



## Certificate of Analysis

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PROJECT: AGAT00666

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (200-) Sample Login Weight

DATE SAMPLED: Jun 23, 2019	DATE RECEIVED: Jun 24, 2019	DATE REPORTED: Jul 17, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D70017 (300954)		3.76
D70018 (300955)		3.76
D70019 (300956)		3.56
D70020 (300957)		3.74
D70021 (300958)		3.61
D70022 (300959)		2.39
D70023 (300960)		3.50
D70024 (300961)		3.38
D70025 (300962)		2.39
D70026 (300963)		0.07

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T484021

PROJECT: AGAT00666

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 23, 2019	DATE RECEIVED: Jun 24, 2019					DATE REPORTED: Jul 17, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D61955 (300892)	<0.5	6.92	<1	182	<0.5	<1	6.08	<0.5	13	44.7	92.7	75.4	11.1	22	
D61956 (300893)	<0.5	7.51	<1	156	<0.5	<1	6.04	<0.5	11	52.6	62.4	98.2	11.4	27	
D61957 (300894)	<0.5	7.49	<1	227	<0.5	<1	6.21	<0.5	11	51.2	63.4	64.1	10.9	25	
D61958 (300895)	<0.5	7.47	<1	230	<0.5	<1	6.34	<0.5	12	51.6	52.6	64.4	11.1	24	
D61959 (300896)	<0.5	7.64	<1	115	<0.5	<1	6.78	<0.5	12	47.4	57.2	47.8	10.7	23	
D61960 (300897)	0.5	8.87	<1	354	0.7	<1	1.89	<0.5	22	10.9	87.7	9.0	2.94	23	
D61961 (300898)	<0.5	7.44	<1	146	<0.5	<1	5.79	<0.5	15	46.6	73.2	64.0	12.0	28	
D61962 (300899)	<0.5	7.25	<1	201	<0.5	<1	5.40	<0.5	11	49.3	428	93.5	11.2	26	
D61963 (300900)	<0.5	7.59	<1	592	0.7	<1	6.22	<0.5	28	42.1	161	92.4	8.15	24	
D61964 (300901)	<0.5	7.50	<1	212	<0.5	<1	7.28	<0.5	13	41.6	203	47.1	8.43	24	
D61965 (300902)	<0.5	7.86	<1	208	<0.5	<1	5.57	<0.5	12	43.5	217	41.0	7.19	23	
D61966 (300903)	<0.5	7.70	<1	200	<0.5	<1	6.38	<0.5	17	48.0	153	107	7.63	21	
D61967 (300904)	<0.5	3.52	<1	1030	<0.5	<1	10.9	<0.5	126	75.0	411	92.8	8.21	19	
D61968 (300905)	<0.5	7.83	<1	119	<0.5	<1	7.85	<0.5	18	44.6	164	152	8.86	23	
D61969 (300906)	<0.5	9.27	<1	392	0.9	<1	3.57	<0.5	52	11.4	76.1	58.7	2.28	22	
D61970 (300907)	<0.5	7.46	<1	494	1.2	<1	1.69	<0.5	10	1.5	51.1	11.9	0.57	21	
D61971 (300908)	<0.5	8.35	<1	179	1.4	<1	6.30	<0.5	17	43.2	218	72.7	7.10	25	
D61972 (300909)	<0.5	0.06	1	12	<0.5	1	32.2	<0.5	<1	0.5	5.9	<0.5	0.11	6	
D61973 (300910)	<0.5	8.25	<1	385	0.5	<1	7.31	<0.5	67	41.6	242	64.6	5.83	22	
D61974 (300911)	<0.5	9.19	<1	754	0.9	<1	3.39	<0.5	31	12.1	74.7	20.6	2.35	23	
D61975 (300912)	<0.5	9.30	<1	457	0.9	<1	3.17	<0.5	32	9.9	72.0	14.8	2.01	22	
D61976 (300913)	<0.5	8.78	<1	438	1.0	<1	3.63	<0.5	34	9.6	85.5	18.0	2.19	24	
D61977 (300914)	<0.5	5.89	5	394	4.6	<1	7.08	<0.5	143	25.7	148	86.5	4.16	18	
D61978 (300915)	<0.5	5.95	4	402	4.5	<1	7.34	<0.5	151	26.8	140	71.4	4.27	19	
D61979 (300916)	<0.5	8.98	<1	455	3.4	<1	3.51	<0.5	30	8.2	58.1	5.9	1.97	21	
D61980 (300917)	<0.5	9.61	<1	366	0.7	<1	3.24	<0.5	39	9.7	52.8	2.1	2.42	23	
D61981 (300918)	<0.5	9.05	1	574	0.5	<1	1.03	<0.5	61	3.6	59.7	9.4	1.81	18	
D61982 (300919)	<0.5	9.01	3	251	0.9	<1	3.06	<0.5	27	10.4	68.1	11.9	2.15	22	
D61983 (300920)	<0.5	9.42	<1	267	0.9	<1	3.79	<0.5	27	9.6	65.0	20.3	2.23	22	
D61984 (300921)	<0.5	8.06	<1	164	0.9	<1	3.70	<0.5	18	29.9	139	114	5.53	23	
D61985 (300922)	<0.5	7.78	<1	316	0.6	<1	5.70	<0.5	14	47.2	200	112	7.68	22	
D61986 (300923)	<0.5	7.80	<1	152	<0.5	<1	7.04	<0.5	6	47.9	157	163	8.19	21	

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T484021

PROJECT: AGAT00666

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 23, 2019	DATE RECEIVED: Jun 24, 2019					DATE REPORTED: Jul 17, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D61987 (300924)	<0.5	8.26	<1	178	<0.5	<1	5.48	<0.5	13	45.7	226	113	7.96	24	
D61988 (300925)	<0.5	6.77	2	245	0.5	<1	0.50	<0.5	3	<0.5	57.8	1.0	0.43	13	
D61989 (300926)	<0.5	7.55	1	166	0.9	<1	1.23	<0.5	12	0.6	46.6	1.1	0.54	14	
D61990 (300927)	<0.5	7.58	<1	54	1.8	<1	1.71	<0.5	5	<0.5	48.0	0.9	0.25	14	
D61991 (300928)	<0.5	6.83	<1	188	1.3	<1	0.92	<0.5	4	0.7	70.2	2.1	0.61	12	
D61992 (300929)	<0.5	0.08	<1	15	<0.5	<1	32.3	<0.5	1	<0.5	6.6	<0.5	0.11	6	
D61993 (300930)	<0.5	7.54	<1	52	<0.5	<1	6.28	<0.5	13	45.2	221	79.8	8.57	26	
D61994 (300931)	1.0	6.42	<1	246	0.6	<1	3.05	<0.5	9	22.3	206	49.4	4.48	18	
D61995 (300932)	<0.5	8.06	<1	135	<0.5	<1	5.67	<0.5	14	43.7	214	69.5	7.96	22	
D61996 (300933)	<0.5	7.98	<1	249	<0.5	<1	6.01	<0.5	13	46.5	233	62.0	8.22	24	
D61997 (300934)	<0.5	8.30	<1	246	<0.5	<1	7.04	<0.5	10	56.1	229	120	8.04	23	
D61998 (300935)	<0.5	8.68	<1	254	<0.5	<1	7.12	<0.5	10	57.3	243	116	8.21	23	
D61999 (300936)	<0.5	8.31	<1	283	<0.5	<1	7.57	<0.5	4	58.7	243	75.8	8.16	22	
D62000 (300937)	<0.5	7.95	<1	1900	<0.5	<1	6.23	<0.5	14	56.2	397	84.2	7.88	23	
D70001 (300938)	<0.5	7.51	<1	212	<0.5	<1	5.43	<0.5	13	49.2	81.2	104	8.91	25	
D70002 (300939)	2.0	7.87	2	145	1.0	<1	1.58	<0.5	7	1.5	87.5	4.8	0.78	16	
D70003 (300940)	<0.5	7.55	<1	182	<0.5	<1	3.39	<0.5	25	47.5	152	60.3	11.0	25	
D70004 (300941)	<0.5	7.81	<1	188	<0.5	<1	4.89	<0.5	9	48.8	124	78.7	10.7	24	
D70005 (300942)	<0.5	7.56	<1	341	0.7	<1	0.91	<0.5	4	0.9	82.5	2.6	0.74	13	
D70006 (300943)	0.5	7.72	<1	196	<0.5	<1	6.35	<0.5	18	48.6	163	108	7.58	22	
D70007 (300944)	<0.5	7.87	1	316	0.8	<1	0.91	<0.5	6	1.0	52.7	2.3	0.44	14	
D70008 (300945)	<0.5	7.41	<1	270	0.9	<1	1.05	<0.5	9	2.9	63.7	4.5	1.09	16	
D70009 (300946)	<0.5	6.70	<1	117	<0.5	<1	2.51	<0.5	11	33.7	125	63.1	8.19	23	
D70010 (300947)	0.7	7.44	<1	154	0.9	<1	1.72	<0.5	21	36.9	119	86.0	9.85	27	
D70011 (300948)	<0.5	7.89	<1	170	<0.5	<1	6.85	<0.5	24	55.6	187	174	9.40	26	
D70012 (300949)	<0.5	0.12	1	18	<0.5	<1	33.6	<0.5	1	0.8	4.7	<0.5	0.09	5	
D70013 (300950)	0.5	6.99	1	105	0.9	<1	1.44	<0.5	8	3.6	109	5.5	1.25	15	
D70014 (300951)	<0.5	7.86	2	387	<0.5	<1	0.59	<0.5	18	1.1	66.1	1.9	0.55	13	
D70015 (300952)	0.7	8.26	3	332	0.7	<1	0.95	<0.5	37	3.9	88.5	6.1	1.24	17	
D70016 (300953)	<0.5	7.99	<1	77	<0.5	<1	4.39	<0.5	9	46.5	72.6	72.2	9.56	25	
D70017 (300954)	<0.5	7.73	<1	137	<0.5	<1	6.22	<0.5	7	52.5	139	100	8.94	21	
D70018 (300955)	<0.5	7.74	<1	140	<0.5	<1	6.23	<0.5	7	54.3	134	99.9	8.97	22	

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## Certificate of Analysis

AGAT WORK ORDER: 19T484021

PROJECT: AGAT00666

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 23, 2019	DATE RECEIVED: Jun 24, 2019				DATE REPORTED: Jul 17, 2019				SAMPLE TYPE: Drill Core					
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5
D70019 (300956)	<0.5	7.63	<1	181	<0.5	<1	7.04	<0.5	7	49.1	117	79.6	9.52	20
D70020 (300957)	<0.5	8.01	<1	207	<0.5	<1	6.15	<0.5	7	45.9	117	98.7	9.32	23
D70021 (300958)	<0.5	8.02	<1	181	<0.5	<1	5.98	<0.5	7	47.3	110	108	9.30	22
D70022 (300959)	<0.5	7.50	<1	287	<0.5	<1	5.52	<0.5	6	49.4	126	41.2	8.10	19
D70023 (300960)	<0.5	8.22	<1	162	<0.5	<1	5.87	<0.5	9	40.4	124	99.9	9.16	23
D70024 (300961)	<0.5	7.99	<1	557	<0.5	<1	6.55	<0.5	7	46.7	112	73.4	9.54	22
D70025 (300962)	<0.5	7.93	<1	398	<0.5	<1	6.26	<0.5	7	51.4	136	129	7.60	21
D70026 (300963)	<0.5	7.66	<1	150	<0.5	<1	6.67	<0.5	6	45.8	141	161	7.77	19

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 23, 2019	DATE RECEIVED: Jun 24, 2019					DATE REPORTED: Jul 17, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D61955 (300892)	<1	0.69	8	13	2.15	2960	<0.5	1.91	29.0	528	<20	<50	0.09	<1	
D61956 (300893)	<1	0.54	7	11	2.12	2450	<0.5	2.10	29.0	502	<20	<50	0.13	<1	
D61957 (300894)	<1	0.54	8	11	2.20	2570	<0.5	1.97	26.6	554	<20	<50	0.10	<1	
D61958 (300895)	<1	0.54	8	11	2.19	2520	<0.5	2.03	26.0	549	<20	<50	0.09	<1	
D61959 (300896)	<1	0.75	8	9	2.13	2300	<0.5	1.91	24.1	505	<20	<50	0.08	<1	
D61960 (300897)	<1	4.12	11	21	0.51	855	4.6	2.85	4.4	763	<20	<50	0.03	<1	
D61961 (300898)	<1	0.99	9	15	2.18	2740	<0.5	1.63	22.3	1070	<20	<50	0.14	<1	
D61962 (300899)	<1	0.65	7	16	2.43	2130	<0.5	1.74	42.8	866	<20	<50	0.25	<1	
D61963 (300900)	<1	0.42	14	14	3.35	1400	<0.5	2.51	48.9	930	<20	<50	0.09	<1	
D61964 (300901)	<1	0.82	7	11	2.94	2100	<0.5	1.76	73.5	609	<20	<50	0.07	<1	
D61965 (300902)	<1	1.15	7	27	2.45	1380	<0.5	2.55	75.1	737	<20	<50	0.07	<1	
D61966 (300903)	<1	0.44	11	10	4.22	1300	<0.5	2.40	104	782	<20	<50	0.09	<1	
D61967 (300904)	<1	2.87	62	27	7.91	1570	<0.5	0.94	204	1940	<20	<50	0.18	<1	
D61968 (300905)	<1	0.91	9	15	2.96	1930	<0.5	1.78	84.2	629	<20	<50	0.45	<1	
D61969 (300906)	<1	1.23	24	17	0.74	367	0.8	3.13	11.8	776	<20	<50	0.19	<1	
D61970 (300907)	<1	4.79	4	3	0.13	274	3.3	1.90	2.4	136	26	<50	0.05	<1	
D61971 (300908)	<1	0.84	8	12	2.01	1410	<0.5	2.07	77.6	690	<20	<50	0.33	<1	
D61972 (300909)	2	0.01	<2	1	3.19	64	<0.5	0.03	0.5	82	<20	<50	0.02	<1	
D61973 (300910)	<1	1.39	29	13	2.67	1230	<0.5	1.85	82.8	1650	<20	<50	0.27	<1	
D61974 (300911)	<1	2.01	16	24	1.09	362	1.4	2.69	10.8	513	<20	<50	0.07	<1	
D61975 (300912)	<1	2.05	15	14	0.66	363	1.9	2.96	8.7	382	<20	<50	0.10	<1	
D61976 (300913)	<1	1.86	16	14	0.70	430	1.2	3.07	7.8	759	<20	<50	0.07	<1	
D61977 (300914)	<1	1.39	68	77	3.34	975	3.2	3.67	114	2060	<20	<50	0.09	<1	
D61978 (300915)	<1	1.43	71	80	3.48	994	2.6	3.76	122	2190	<20	<50	0.08	<1	
D61979 (300916)	<1	1.43	14	15	0.52	367	0.5	3.22	5.8	404	<20	<50	0.04	<1	
D61980 (300917)	<1	1.48	19	14	0.58	423	2.3	3.05	6.0	367	<20	<50	0.02	<1	
D61981 (300918)	<1	6.89	30	11	0.26	990	33.3	1.45	2.2	124	32	<50	0.05	1	
D61982 (300919)	<1	1.31	13	10	0.57	386	0.6	3.60	9.2	345	<20	<50	0.12	<1	
D61983 (300920)	<1	1.17	13	12	0.63	387	0.9	3.38	5.9	442	<20	<50	0.11	<1	
D61984 (300921)	<1	1.05	10	21	2.14	828	<0.5	3.22	50.7	493	<20	<50	0.74	<1	
D61985 (300922)	<1	0.69	7	27	3.53	1390	<0.5	2.30	85.6	810	<20	<50	1.08	<1	
D61986 (300923)	<1	0.21	5	13	4.37	1410	<0.5	2.47	87.4	399	<20	<50	0.16	<1	

Certified By:



## Certificate of Analysis

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PROJECT: AGAT00666

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 23, 2019

DATE RECEIVED: Jun 24, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D61987 (300924)		<1	0.62	7	13	3.85	1340	<0.5	2.44	84.9	658	<20	<50	0.73	<1
D61988 (300925)		<1	5.42	<2	3	0.03	346	4.4	1.84	<0.5	39	32	<50	0.01	<1
D61989 (300926)		<1	3.01	6	2	0.05	369	2.8	3.01	<0.5	36	27	<50	<0.01	<1
D61990 (300927)		<1	0.94	3	8	0.02	60	1.0	3.97	<0.5	31	<20	<50	<0.01	<1
D61991 (300928)		<1	3.79	2	4	0.06	404	6.5	2.31	1.3	35	29	<50	<0.01	2
D61992 (300929)		3	0.02	<2	1	2.17	44	<0.5	0.05	<0.5	85	<20	<50	0.02	1
D61993 (300930)		<1	0.97	7	20	3.63	1890	5.7	1.91	82.8	880	<20	<50	0.22	<1
D61994 (300931)		<1	1.11	5	39	1.82	1300	19.4	2.01	43.0	419	<20	<50	0.14	<1
D61995 (300932)		<1	0.39	7	21	3.81	1580	4.3	2.11	76.9	744	<20	<50	0.16	<1
D61996 (300933)		<1	0.39	7	23	3.71	1660	4.9	1.91	84.4	760	<20	<50	0.11	<1
D61997 (300934)		<1	0.37	7	18	2.93	2120	3.4	1.74	113	823	<20	<50	0.20	<1
D61998 (300935)		<1	0.40	7	19	3.06	2210	3.9	1.75	115	842	<20	<50	0.20	<1
D61999 (300936)		<1	0.42	4	17	3.05	2160	3.6	1.67	125	550	<20	<50	0.12	<1
D62000 (300937)		<1	0.55	8	24	3.81	1620	2.6	2.07	149	695	<20	<50	0.12	<1
D70001 (300938)		<1	0.63	8	24	2.12	2240	6.4	1.90	28.4	525	<20	<50	0.16	<1
D70002 (300939)		<1	2.08	4	3	0.07	557	11.9	3.53	1.6	31	25	<50	0.01	<1
D70003 (300940)		<1	1.31	13	36	1.97	1820	6.3	1.49	25.4	795	<20	<50	0.12	<1
D70004 (300941)		<1	1.38	6	31	3.18	1830	5.7	1.91	41.3	503	<20	<50	0.11	<1
D70005 (300942)		<1	4.69	3	3	0.10	271	20.0	2.66	4.5	37	34	<50	0.01	<1
D70006 (300943)		<1	0.45	11	10	4.20	1300	<0.5	2.38	108	773	<20	<50	0.09	<1
D70007 (300944)		<1	4.67	3	4	0.07	138	10.5	2.93	1.3	25	23	<50	<0.01	<1
D70008 (300945)		<1	3.56	5	8	0.17	435	10.3	3.06	2.8	43	23	<50	0.01	1
D70009 (300946)		<1	1.99	6	20	1.77	1340	8.1	1.83	12.3	419	<20	<50	0.08	<1
D70010 (300947)		<1	2.87	11	31	1.46	2440	7.9	2.08	30.5	627	33	<50	0.18	<1
D70011 (300948)		<1	0.50	13	7	3.46	1580	2.8	1.93	59.1	535	<20	<50	0.09	<1
D70012 (300949)		3	0.06	<2	1	2.33	40	<0.5	0.05	<0.5	86	<20	<50	0.02	1
D70013 (300950)		<1	1.80	4	8	0.25	532	20.1	2.99	4.5	46	27	<50	0.01	1
D70014 (300951)		<1	6.09	9	6	0.07	198	10.3	2.19	1.0	35	35	<50	<0.01	2
D70015 (300952)		<1	5.13	18	10	0.24	623	15.4	2.61	3.0	88	32	<50	0.01	<1
D70016 (300953)		<1	1.86	6	52	3.12	1250	3.3	1.99	40.1	439	<20	<50	0.08	<1
D70017 (300954)		<1	0.71	5	27	3.86	1480	1.3	2.08	101	344	<20	<50	0.10	<1
D70018 (300955)		<1	0.72	5	28	3.92	1500	0.9	2.07	103	364	<20	<50	0.09	<1

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## Certificate of Analysis

AGAT WORK ORDER: 19T484021

PROJECT: AGAT00666

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 23, 2019	DATE RECEIVED: Jun 24, 2019					DATE REPORTED: Jul 17, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D70019 (300956)	<1	0.75	5	19	2.94	2410	2.1	1.68	75.6	378	<20	<50	0.08	<1	
D70020 (300957)	<1	1.02	5	28	2.68	1950	1.6	1.86	57.3	386	<20	<50	0.09	<1	
D70021 (300958)	<1	1.11	5	27	3.75	1630	1.5	2.11	70.8	437	<20	<50	0.08	<1	
D70022 (300959)	<1	0.99	4	23	2.96	1360	4.1	1.97	86.9	336	<20	<50	0.03	<1	
D70023 (300960)	<1	1.10	6	23	2.55	2290	5.4	1.97	54.3	344	<20	<50	0.08	<1	
D70024 (300961)	<1	0.68	5	18	3.02	1900	1.7	1.96	61.6	410	<20	<50	0.06	<1	
D70025 (300962)	<1	0.59	5	19	2.62	1440	3.9	2.07	73.0	340	<20	<50	0.09	<1	
D70026 (300963)	<1	0.21	5	12	4.35	1390	<0.5	2.32	83.9	365	<20	<50	0.16	<1	

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## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 23, 2019	DATE RECEIVED: Jun 24, 2019					DATE REPORTED: Jul 17, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D61955 (300892)	45	<10	<5	174	<10	13	<5	1.02	<5	<50	413	<1	38	106	
D61956 (300893)	48	<10	<5	152	<10	<10	<5	1.07	<5	<50	454	<1	40	119	
D61957 (300894)	46	<10	<5	189	<10	11	<5	1.06	<5	<50	441	<1	41	126	
D61958 (300895)	47	<10	<5	195	<10	<10	<5	1.08	<5	<50	447	<1	42	118	
D61959 (300896)	45	<10	<5	171	<10	14	<5	1.08	<5	<50	420	<1	38	128	
D61960 (300897)	10	<10	<5	155	<10	<10	<5	0.27	<5	<50	63.9	<1	17	63.0	
D61961 (300898)	39	<10	<5	176	<10	<10	<5	1.01	<5	<50	157	<1	44	154	
D61962 (300899)	40	<10	<5	289	<10	<10	<5	1.07	<5	<50	228	<1	36	116	
D61963 (300900)	36	<10	<5	495	<10	<10	<5	0.77	<5	<50	243	<1	26	102	
D61964 (300901)	35	<10	<5	232	<10	<10	<5	0.79	<5	<50	211	<1	36	89.5	
D61965 (300902)	36	<10	<5	233	<10	<10	<5	0.83	<5	<50	220	<1	35	102	
D61966 (300903)	34	<10	<5	249	<10	<10	<5	0.85	<5	<50	234	<1	22	88.6	
D61967 (300904)	25	<10	<5	880	<10	<10	<5	1.89	<5	<50	283	<1	24	86.7	
D61968 (300905)	34	<10	<5	232	<10	<10	<5	0.68	<5	<50	195	<1	35	163	
D61969 (300906)	7	<10	<5	377	<10	<10	<5	0.29	<5	<50	53.2	<1	8	60.8	
D61970 (300907)	2	<10	<5	162	<10	<10	<5	0.03	<5	<50	6.8	<1	12	11.5	
D61971 (300908)	35	<10	<5	259	<10	<10	<5	0.77	<5	<50	201	<1	34	156	
D61972 (300909)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	1.6	1	2	5.1	
D61973 (300910)	30	<10	<5	366	<10	<10	<5	0.74	<5	<50	196	<1	33	117	
D61974 (300911)	7	<10	<5	468	<10	<10	<5	0.24	<5	<50	50.0	<1	6	68.2	
D61975 (300912)	5	<10	<5	463	<10	<10	<5	0.20	<5	<50	36.9	<1	5	58.3	
D61976 (300913)	6	<10	<5	433	<10	<10	<5	0.22	<5	<50	45.9	<1	13	57.5	
D61977 (300914)	11	<10	<5	1050	<10	<10	<5	0.38	<5	<50	109	<1	34	107	
D61978 (300915)	11	<10	<5	1080	<10	<10	<5	0.35	<5	<50	115	<1	37	106	
D61979 (300916)	5	<10	<5	471	<10	<10	<5	0.20	<5	<50	36.9	<1	7	52.5	
D61980 (300917)	5	<10	<5	417	<10	<10	<5	0.25	<5	<50	39.5	<1	6	69.2	
D61981 (300918)	7	<10	<5	194	<10	<10	26	0.09	<5	<50	10.8	<1	21	38.6	
D61982 (300919)	5	<10	<5	363	<10	<10	<5	0.20	<5	<50	36.9	<1	6	54.4	
D61983 (300920)	5	<10	<5	446	<10	<10	<5	0.24	<5	<50	41.3	<1	5	90.5	
D61984 (300921)	20	<10	<5	230	<10	<10	<5	0.46	<5	<50	124	<1	16	130	
D61985 (300922)	34	<10	<5	190	<10	<10	<5	0.69	<5	<50	200	<1	35	259	
D61986 (300923)	46	<10	<5	119	<10	<10	<5	0.72	<5	<50	311	<1	23	83.1	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T484021

PROJECT: AGAT00666

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 23, 2019	DATE RECEIVED: Jun 24, 2019					DATE REPORTED: Jul 17, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D61987 (300924)	35	<10	<5	179	<10	<10	<5	0.80	<5	<50	203	<1	33	201	
D61988 (300925)	2	<10	<5	97	<10	<10	6	<0.01	<5	<50	1.9	<1	11	5.0	
D61989 (300926)	2	<10	<5	104	<10	<10	14	0.01	<5	<50	2.0	<1	9	7.8	
D61990 (300927)	<1	<10	<5	107	<10	<10	<5	<0.01	<5	<50	1.9	<1	2	6.6	
D61991 (300928)	3	<10	<5	97	<10	<10	13	0.01	<5	<50	6.1	<1	12	6.9	
D61992 (300929)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.8	1	3	3.9	
D61993 (300930)	36	<10	<5	129	<10	<10	<5	0.82	<5	<50	207	<1	40	129	
D61994 (300931)	19	<10	<5	86	<10	<10	<5	0.44	<5	<50	104	<1	29	69.3	
D61995 (300932)	36	<10	<5	133	<10	<10	<5	0.85	<5	<50	206	<1	40	95.2	
D61996 (300933)	40	<10	<5	125	<10	<10	<5	0.89	<5	<50	233	<1	42	101	
D61997 (300934)	38	<10	<5	239	<10	<10	<5	1.00	<5	<50	266	<1	24	102	
D61998 (300935)	39	<10	<5	240	<10	<10	<5	1.01	<5	<50	270	<1	24	101	
D61999 (300936)	43	<10	<5	128	<10	<10	<5	1.03	<5	<50	292	<1	24	98.7	
D62000 (300937)	41	<10	<5	177	<10	<10	<5	0.91	<5	<50	306	<1	25	110	
D70001 (300938)	46	<10	<5	252	<10	<10	<5	1.05	<5	<50	432	<1	40	129	
D70002 (300939)	3	<10	<5	118	<10	<10	14	0.02	<5	<50	5.1	<1	13	9.4	
D70003 (300940)	41	<10	<5	104	<10	<10	<5	0.99	<5	<50	242	<1	44	118	
D70004 (300941)	47	<10	<5	153	<10	<10	<5	0.91	<5	<50	346	<1	35	112	
D70005 (300942)	2	<10	<5	119	<10	<10	8	0.04	<5	<50	6.4	<1	5	19.2	
D70006 (300943)	35	<10	<5	249	<10	<10	<5	0.85	<5	<50	244	<1	23	87.9	
D70007 (300944)	<1	<10	<5	121	<10	<10	<5	0.02	<5	<50	3.3	<1	3	8.3	
D70008 (300945)	3	<10	<5	112	<10	<10	<5	0.06	<5	<50	12.1	<1	8	21.4	
D70009 (300946)	32	<10	<5	86	<10	<10	<5	0.76	<5	<50	214	<1	27	142	
D70010 (300947)	30	<10	<5	83	<10	<10	<5	0.72	<5	<50	129	<1	37	221	
D70011 (300948)	44	<10	<5	191	<10	<10	<5	0.98	<5	<50	305	<1	25	100	
D70012 (300949)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.6	2	2	3.6	
D70013 (300950)	4	<10	<5	99	<10	<10	<5	0.06	<5	<50	16.1	<1	9	21.9	
D70014 (300951)	1	<10	<5	117	<10	<10	8	0.02	<5	<50	3.1	<1	3	8.9	
D70015 (300952)	5	<10	<5	128	<10	<10	11	0.07	<5	<50	24.3	<1	16	20.8	
D70016 (300953)	48	<10	<5	163	<10	<10	<5	0.81	<5	<50	339	<1	34	138	
D70017 (300954)	47	<10	<5	151	<10	<10	<5	0.70	<5	<50	310	<1	28	97.4	
D70018 (300955)	48	<10	<5	151	<10	<10	<5	0.70	<5	<50	317	<1	29	98.7	

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## Certificate of Analysis

AGAT WORK ORDER: 19T484021

PROJECT: AGAT00666

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 23, 2019	DATE RECEIVED: Jun 24, 2019					DATE REPORTED: Jul 17, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D70019 (300956)	48	<10	<5	140	<10	12	<5	0.73	<5	<50	326	<1	31	96.3	
D70020 (300957)	50	<10	<5	117	<10	<10	<5	0.78	<5	<50	353	<1	32	99.9	
D70021 (300958)	44	<10	<5	164	<10	<10	<5	0.73	<5	<50	305	<1	29	96.7	
D70022 (300959)	42	<10	<5	107	<10	<10	<5	0.69	<5	<50	282	<1	26	97.7	
D70023 (300960)	42	<10	<5	121	<10	<10	<5	0.70	<5	<50	289	<1	29	118	
D70024 (300961)	47	<10	<5	163	<10	<10	<5	0.78	<5	<50	324	<1	31	98.0	
D70025 (300962)	48	<10	<5	150	<10	<10	<5	0.71	<5	<50	330	<1	28	95.8	
D70026 (300963)	45	<10	<5	110	<10	<10	<5	0.68	<5	<50	302	<1	22	80.2	

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## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 23, 2019      DATE RECEIVED: Jun 24, 2019      DATE REPORTED: Jul 17, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D61955 (300892)				28
D61956 (300893)				23
D61957 (300894)				21
D61958 (300895)				21
D61959 (300896)				21
D61960 (300897)				100
D61961 (300898)				26
D61962 (300899)				32
D61963 (300900)				54
D61964 (300901)				19
D61965 (300902)				26
D61966 (300903)				83
D61967 (300904)				111
D61968 (300905)				23
D61969 (300906)				84
D61970 (300907)				34
D61971 (300908)				25
D61972 (300909)				<5
D61973 (300910)				58
D61974 (300911)				68
D61975 (300912)				75
D61976 (300913)				70
D61977 (300914)				42
D61978 (300915)				84
D61979 (300916)				55
D61980 (300917)				57
D61981 (300918)				30
D61982 (300919)				51
D61983 (300920)				38
D61984 (300921)				60
D61985 (300922)				55
D61986 (300923)				53

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T484021

PROJECT: AGAT00666

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 23, 2019

DATE RECEIVED: Jun 24, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Zr
	Unit:	ppm
	RDL:	5
D61987 (300924)		41
D61988 (300925)		57
D61989 (300926)		29
D61990 (300927)		<5
D61991 (300928)		63
D61992 (300929)		<5
D61993 (300930)		31
D61994 (300931)		177
D61995 (300932)		24
D61996 (300933)		18
D61997 (300934)		24
D61998 (300935)		25
D61999 (300936)		20
D62000 (300937)		35
D70001 (300938)		36
D70002 (300939)		372
D70003 (300940)		52
D70004 (300941)		24
D70005 (300942)		48
D70006 (300943)		87
D70007 (300944)		21
D70008 (300945)		21
D70009 (300946)		65
D70010 (300947)		93
D70011 (300948)		102
D70012 (300949)		<5
D70013 (300950)		94
D70014 (300951)		54
D70015 (300952)		131
D70016 (300953)		45
D70017 (300954)		15
D70018 (300955)		16

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T484021

PROJECT: AGAT00666

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 23, 2019	DATE RECEIVED: Jun 24, 2019	DATE REPORTED: Jul 17, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D70019 (300956)				15
D70020 (300957)				13
D70021 (300958)				18
D70022 (300959)				14
D70023 (300960)				99
D70024 (300961)				17
D70025 (300962)				15
D70026 (300963)				53

Comments: RDL - Reported Detection Limit  
 300892-300963 As, Sb values may be low due to digestion losses.  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T484021

PROJECT: AGAT00666

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 23, 2019

DATE RECEIVED: Jun 24, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D61955 (300892)			0.005
D61956 (300893)			0.003
D61957 (300894)			0.002
D61958 (300895)			0.003
D61959 (300896)			0.006
D61960 (300897)			0.004
D61961 (300898)			0.002
D61962 (300899)			0.004
D61963 (300900)			0.003
D61964 (300901)			0.002
D61965 (300902)			0.002
D61966 (300903)			0.339
D61967 (300904)			0.002
D61968 (300905)			0.005
D61969 (300906)			0.001
D61970 (300907)			0.005
D61971 (300908)			0.003
D61972 (300909)			0.001
D61973 (300910)			0.003
D61974 (300911)			0.001
D61975 (300912)			0.002
D61976 (300913)			0.001
D61977 (300914)			0.002
D61978 (300915)			0.002
D61979 (300916)			0.004
D61980 (300917)			0.001
D61981 (300918)			0.001
D61982 (300919)			0.002
D61983 (300920)			0.002
D61984 (300921)			0.003
D61985 (300922)			0.003
D61986 (300923)			0.535

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## Certificate of Analysis

AGAT WORK ORDER: 19T484021

PROJECT: AGAT00666

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 23, 2019      DATE RECEIVED: Jun 24, 2019      DATE REPORTED: Jul 17, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D61987 (300924)		0.008	
D61988 (300925)		<0.001	
D61989 (300926)		0.002	
D61990 (300927)		0.001	
D61991 (300928)		0.003	
D61992 (300929)		0.002	
D61993 (300930)		0.003	
D61994 (300931)		0.002	
D61995 (300932)		0.002	
D61996 (300933)		0.002	
D61997 (300934)		0.002	
D61998 (300935)		0.003	
D61999 (300936)		0.002	
D62000 (300937)		0.002	
D70001 (300938)		0.002	
D70002 (300939)		0.001	
D70003 (300940)		0.006	
D70004 (300941)		0.004	
D70005 (300942)		0.001	
D70006 (300943)		0.343	
D70007 (300944)		0.004	
D70008 (300945)		0.001	
D70009 (300946)		0.002	
D70010 (300947)		0.004	
D70011 (300948)		0.004	
D70012 (300949)		0.001	
D70013 (300950)		0.002	
D70014 (300951)		<0.001	
D70015 (300952)		0.001	
D70016 (300953)		0.002	
D70017 (300954)		0.003	
D70018 (300955)		0.003	

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## Certificate of Analysis

AGAT WORK ORDER: 19T484021

PROJECT: AGAT00666

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 23, 2019      DATE RECEIVED: Jun 24, 2019      DATE REPORTED: Jul 17, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D70019 (300956)			0.003
D70020 (300957)			0.001
D70021 (300958)			0.002
D70022 (300959)			0.002
D70023 (300960)			0.002
D70024 (300961)			0.002
D70025 (300962)			0.002
D70026 (300963)			0.517

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

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## Certificate of Analysis

AGAT WORK ORDER: 19T484021

PROJECT: AGAT00666

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### Sieving - % Passing (Crushing)

DATE SAMPLED: Jun 23, 2019      DATE RECEIVED: Jun 24, 2019      DATE REPORTED: Jul 17, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D61956 (300893)		82.40
D61974 (300911)		81.99
D61991 (300928)		82.72
D61994 (300931)		84.46
D70014 (300951)		83.04

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T484021

PROJECT: AGAT00666

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jun 23, 2019	DATE RECEIVED: Jun 24, 2019	DATE REPORTED: Jul 17, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D61955 (300892)		92.66
D61975 (300912)		86.49
D61993 (300930)		89.39

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	300892	< 0.5	< 0.5	0.0%	300906	< 0.5	< 0.5	0.0%	300917	< 0.5	< 0.5	0.0%	300931	1.0	1.0	0.0%
Al	300892	6.92	6.87	0.7%	300906	9.27	9.41	1.5%	300917	9.61	9.57	0.4%	300931	6.42	6.22	3.2%
As	300892	< 1	< 1	0.0%	300906	< 1	< 1	0.0%	300917	< 1	< 1	0.0%	300931	< 1	< 1	0.0%
Ba	300892	182	184	1.1%	300906	392	393	0.3%	300917	366	379	3.5%	300931	246	242	1.6%
Be	300892	< 0.5	< 0.5	0.0%	300906	0.88	0.83	5.8%	300917	0.7	0.7	0.0%	300931	0.6	0.6	0.0%
Bi	300892	< 1	< 1	0.0%	300906	< 1	< 1	0.0%	300917	< 1	< 1	0.0%	300931	< 1	< 1	0.0%
Ca	300892	6.08	6.06	0.3%	300906	3.57	3.59	0.6%	300917	3.24	3.37	3.9%	300931	3.05	3.00	1.7%
Cd	300892	< 0.5	< 0.5	0.0%	300906	< 0.5	< 0.5	0.0%	300917	< 0.5	< 0.5	0.0%	300931	< 0.5	< 0.5	0.0%
Ce	300892	13	13	0.0%	300906	52	52	0.0%	300917	39	39	0.0%	300931	9	10	10.5%
Co	300892	44.7	44.9	0.4%	300906	11.4	11.3	0.9%	300917	9.74	9.91	1.7%	300931	22.3	23.9	6.9%
Cr	300892	92.7	96.3	3.8%	300906	76.1	71.0	6.9%	300917	52.8	54.4	3.0%	300931	206	220	6.6%
Cu	300892	75.4	75.1	0.4%	300906	58.7	59.6	1.5%	300917	2.06	1.65	22.1%	300931	49.4	49.4	0.0%
Fe	300892	11.1	11.0	0.9%	300906	2.28	2.32	1.7%	300917	2.42	2.39	1.2%	300931	4.48	4.37	2.5%
Ga	300892	22	23	4.4%	300906	22	21	4.7%	300917	23	24	4.3%	300931	18	19	5.4%
In	300892	< 1	< 1	0.0%	300906	< 1	< 1	0.0%	300917	< 1	< 1	0.0%	300931	< 1	< 1	0.0%
K	300892	0.693	0.712	2.7%	300906	1.23	1.26	2.4%	300917	1.48	1.47	0.7%	300931	1.11	1.08	2.7%
La	300892	8	8	0.0%	300906	24	24	0.0%	300917	19	19	0.0%	300931	5	5	0.0%
Li	300892	13	14	7.4%	300906	17	18	5.7%	300917	14	14	0.0%	300931	39	38	2.6%
Mg	300892	2.15	2.14	0.5%	300906	0.741	0.758	2.3%	300917	0.58	0.58	0.0%	300931	1.82	1.76	3.4%
Mn	300892	2960	2970	0.3%	300906	367	366	0.3%	300917	423	416	1.7%	300931	1300	1270	2.3%
Mo	300892	< 0.5	< 0.5	0.0%	300906	0.84	0.92	9.1%	300917	2.26	2.08	8.3%	300931	19.4	20.9	7.4%
Na	300892	1.91	1.94	1.6%	300906	3.13	3.15	0.6%	300917	3.05	3.13	2.6%	300931	2.01	1.99	1.0%
Ni	300892	29.0	27.2	6.4%	300906	11.8	10.9	7.9%	300917	6.0	6.4	6.5%	300931	43.0	46.1	7.0%
P	300892	528	509	3.7%	300906	776	751	3.3%	300917	367	371	1.1%	300931	419	449	6.9%
Pb	300892	< 20	< 20	0.0%	300906	< 20	< 20	0.0%	300917	< 20	< 20	0.0%	300931	< 20	< 20	0.0%
Rb	300892	< 50	< 50	0.0%	300906	< 50	< 50	0.0%	300917	< 50	< 50	0.0%	300931	< 50	< 50	0.0%
S	300892	0.092	0.100	8.3%	300906	0.19	0.19	0.0%	300917	0.02	0.02	0.0%	300931	0.137	0.132	3.7%
Sb	300892	< 1	< 1	0.0%	300906	< 1	< 1	0.0%	300917	< 1	< 1	0.0%	300931	< 1	< 1	0.0%
Sc	300892	45	46	2.2%	300906	7	6	15.4%	300917	5	5	0.0%	300931	19	20	5.1%
Se	300892	< 10	< 10	0.0%	300906	< 10	< 10	0.0%	300917	< 10	< 10	0.0%	300931	< 10	< 10	0.0%
Sn	300892	< 5	< 5	0.0%	300906	< 5	< 5	0.0%	300917	< 5	< 5	0.0%	300931	< 5	< 5	0.0%





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

Sr	300892	174	178	2.3%	300906	377	375	0.5%	300917	417	435	4.2%	300931	86	85	1.2%
Ta	300892	< 10	< 10	0.0%	300906	< 10	< 10	0.0%	300917	< 10	< 10	0.0%	300931	< 10	< 10	0.0%
Te	300892	13	11	16.7%	300906	< 10	< 10	0.0%	300917	< 10	< 10	0.0%	300931	< 10	< 10	0.0%
Th	300892	< 5	< 5	0.0%	300906	< 5	< 5	0.0%	300917	< 5	< 5	0.0%	300931	< 5	< 5	0.0%
Ti	300892	1.02	1.01	1.0%	300906	0.29	0.29	0.0%	300917	0.246	0.245	0.4%	300931	0.44	0.44	0.0%
Tl	300892	< 5	< 5	0.0%	300906	< 5	< 5	0.0%	300917	< 5	< 5	0.0%	300931	< 5	< 5	0.0%
U	300892	< 50	< 50	0.0%	300906	< 50	< 50	0.0%	300917	< 50	< 50	0.0%	300931	< 50	< 50	0.0%
V	300892	413	427	3.3%	300906	53.2	52.2	1.9%	300917	39.5	39.3	0.5%	300931	104	111	6.5%
W	300892	< 1	< 1	0.0%	300906	< 1	< 1	0.0%	300917	< 1	< 1	0.0%	300931	< 1	< 1	0.0%
Y	300892	38	39	2.6%	300906	8	8	0.0%	300917	6	6	0.0%	300931	29	31	6.7%
Zn	300892	106	105	0.9%	300906	60.8	60.0	1.3%	300917	69.2	64.9	6.4%	300931	69.3	68.6	1.0%
Zr	300892	28	27	3.6%	300906	84	82	2.4%	300917	57	50	13.1%	300931	177	194	9.2%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	300942	< 0.5	< 0.5	0.0%	300956	< 0.5	< 0.5	0.0%								
Al	300942	7.56	7.39	2.3%	300956	7.63	8.00	4.7%								
As	300942	< 1	< 1	0.0%	300956	< 1	< 1	0.0%								
Ba	300942	341	329	3.6%	300956	181	188	3.8%								
Be	300942	0.66	0.62	6.3%	300956	< 0.5	< 0.5	0.0%								
Bi	300942	< 1	< 1	0.0%	300956	< 1	< 1	0.0%								
Ca	300942	0.91	0.91	0.0%	300956	7.04	7.25	2.9%								
Cd	300942	< 0.5	< 0.5	0.0%	300956	< 0.5	< 0.5	0.0%								
Ce	300942	4	5	22.2%	300956	7	7	0.0%								
Co	300942	0.9	0.9	0.0%	300956	49.1	49.8	1.4%								
Cr	300942	82.5	97.7	16.9%	300956	117	125	6.6%								
Cu	300942	2.6	3.2	20.7%	300956	79.6	84.5	6.0%								
Fe	300942	0.741	0.776	4.6%	300956	9.52	9.81	3.0%								
Ga	300942	13	14	7.4%	300956	20	21	4.9%								
In	300942	< 1	< 1	0.0%	300956	< 1	< 1	0.0%								
K	300942	4.69	4.53	3.5%	300956	0.75	0.79	5.2%								
La	300942	3	3	0.0%	300956	5	5	0.0%								
Li	300942	3	3	0.0%	300956	19	20	5.1%								
Mg	300942	0.10	0.10	0.0%	300956	2.94	3.10	5.3%								
Mn	300942	271	283	4.3%	300956	2410	2520	4.5%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

Mo	300942	20.0	24.1	18.6%	300956	2.14	1.84	15.1%								
Na	300942	2.66	2.58	3.1%	300956	1.68	1.74	3.5%								
Ni	300942	4.5	5.0	10.5%	300956	75.6	75.4	0.3%								
P	300942	37	29	24.2%	300956	378	369	2.4%								
Pb	300942	34	33	3.0%	300956	< 20	< 20	0.0%								
Rb	300942	< 50	< 50	0.0%	300956	< 50	< 50	0.0%								
S	300942	0.01	0.01	0.0%	300956	0.08	0.08	0.0%								
Sb	300942	< 1	< 1	0.0%	300956	< 1	< 1	0.0%								
Sc	300942	2	2	0.0%	300956	48	46	4.3%								
Se	300942	< 10	< 10	0.0%	300956	< 10	< 10	0.0%								
Sn	300942	< 5	< 5	0.0%	300956	< 5	< 5	0.0%								
Sr	300942	119	115	3.4%	300956	140	144	2.8%								
Ta	300942	< 10	< 10	0.0%	300956	< 10	< 10	0.0%								
Te	300942	< 10	< 10	0.0%	300956	12	< 10									
Th	300942	8	8	0.0%	300956	< 5	< 5	0.0%								
Ti	300942	0.04	0.04	0.0%	300956	0.73	0.75	2.7%								
Tl	300942	< 5	< 5	0.0%	300956	< 5	< 5	0.0%								
U	300942	< 50	< 50	0.0%	300956	< 50	< 50	0.0%								
V	300942	6.4	6.5	1.6%	300956	326	318	2.5%								
W	300942	< 1	< 1	0.0%	300956	< 1	< 1	0.0%								
Y	300942	5	6	18.2%	300956	31	30	3.3%								
Zn	300942	19.2	20.0	4.1%	300956	96.3	101	4.8%								
Zr	300942	48	53	9.9%	300956	15	16	6.5%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	300906	0.001	0.002	10.2%	300931	0.002	0.003	48.4%	300956	0.003	0.002	37.5%		0.005	0.005	1.5%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (REF.GTS-2A)				CRM #2 (REF.SY-4)				CRM #3 (ref.SY-4)				CRM #4 (REF.TILL-2)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al					10.95	11.19	102%	90% - 110%					8.17	8.33	102%	90% - 110%
As													26	22	83%	90% - 110%
Ba					340	340	100%	90% - 110%					540	519	96%	90% - 110%
Be					2.6	2.7	104%	90% - 110%					4.0	3.1	77%	90% - 110%
Ca					5.72	5.58	98%	90% - 110%					0.907	0.848	94%	90% - 110%
Ce					122	122	100%	90% - 110%					98	108	110%	90% - 110%
Co			94%	90% - 110%												
Cr													60.3	62.1	103%	90% - 110%
Cu													150	149	99%	90% - 110%
Fe					4.34	3.98	92%	90% - 110%					3.77	3.51	93%	90% - 110%
Ga					35	35	99%	90% - 110%								
K					1.37	1.43	105%	90% - 110%								
La					58	55	94%	90% - 110%					44	46	104%	90% - 110%
Li					37	38	103%	90% - 110%					47	46	97%	90% - 110%
Mg					0.325	0.307	95%	90% - 110%					1.10	1.04	95%	90% - 110%
Mn													780	728	93%	90% - 110%
Mo													14	13	90%	90% - 110%
Na					5.267	5.609	106%	90% - 110%					1.624	1.685	104%	90% - 110%
Ni													32	31	96%	90% - 110%
P													750	731	97%	90% - 110%
Pb									10	9	90%	90% - 110%	31	23	75%	90% - 110%
Sc					1.1	0.9	77%	90% - 110%					12	12	103%	90% - 110%
Sr					1191	1209	101%	90% - 110%					144	146	102%	90% - 110%
Ti					0.172	0.169	98%	90% - 110%					0.53	0.48	90%	90% - 110%
V					8	6	80%	90% - 110%					77	78	101%	90% - 110%
Y					119	121	101%	90% - 110%								
Zn					93	94	101%	90% - 110%					130	118	90%	90% - 110%
Parameter	CRM #5 (REF.GTS-2A)				CRM #6 (REF.SY-4)											
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Al	6.96	7.35	106%	90% - 110%	10.95	11.34	104%	90% - 110%								
As	124	124	100%	90% - 110%												



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

Ba	186	186	100%	90% - 110%	340	338	99%	90% - 110%								
Be					2.6	2.6	99%	90% - 110%								
Ca	4.01	3.85	96%	90% - 110%	5.72	5.5	96%	90% - 110%								
Ce	24	23	95%	90% - 110%	122	121	99%	90% - 110%								
Co	22.1	20.7	94%	90% - 110%												
Cu	88.6	86.6	98%	90% - 110%												
Fe	7.56	7.17	95%	90% - 110%	4.34	4.03	93%	90% - 110%								
Ga					35	32	91%	90% - 110%								
K	2.021	2.137	106%	90% - 110%	1.37	1.44	105%	90% - 110%								
La					58	53	91%	90% - 110%								
Li					37	38	103%	90% - 110%								
Mg	2.412	2.438	101%	90% - 110%	0.325	0.303	93%	90% - 110%								
Mn	1510	1459	97%	90% - 110%												
Na	0.617	0.645	105%	90% - 110%	5.267	5.419	103%	90% - 110%								
Ni	77.1	71.1	92%	90% - 110%												
P	892	887	99%	90% - 110%												
S	0.348	0.338	97%	90% - 110%												
Sc					1.1	0.9	78%	90% - 110%								
Sr	92.8	88.3	95%	90% - 110%	1191	1171	98%	90% - 110%								
Ti					0.172	0.168	98%	90% - 110%								
V					8	6	78%	90% - 110%								
Y					119	115	97%	90% - 110%								
Zn	208	208	100%	90% - 110%	93	92	98%	90% - 110%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (GS5W)				CRM #2 (GS6F)				CRM #3 (GSP5G)				CRM #4 (GS5W)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.27	5.04	96%	90% - 110%	6.87	6.93	101%	90% - 110%	0.562	0.517	92%	90% - 110%	5.27	4.87	92%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00666  
 SAMPLING SITE:

AGAT WORK ORDER: 19T484021  
 ATTENTION TO: Craig Yuill, Christine Shultis  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00667

AGAT WORK ORDER: 19T484033

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jul 09, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T484033

PROJECT: AGAT00667

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Jun 23, 2019      DATE RECEIVED: Jun 24, 2019      DATE REPORTED: Jul 09, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D62501 (301135)		2.02
D62502 (301136)		1.37
D62503 (301137)		1.40
D62504 (301138)		1.81
D62505 (301139)		1.78
D62506 (301140)		0.07
D62507 (301141)		1.26
D62508 (301142)		1.63
D62509 (301143)		2.04
D62510 (301144)		2.39
D62511 (301145)		2.03
D62512 (301146)		0.55
D62513 (301147)		2.41
D62514 (301148)		1.94
D62515 (301149)		1.44
D62516 (301150)		1.97
D62517 (301151)		1.54
D62518 (301152)		1.54
D62519 (301153)		1.64
D62520 (301154)		2.16
D62521 (301155)		1.79
D62522 (301156)		1.30
D62523 (301157)		2.20
D62524 (301158)		2.39
D62525 (301159)		1.63
D62526 (301160)		0.07
D62527 (301161)		2.25
D62528 (301162)		1.16
D62529 (301163)		1.64
D62530 (301164)		0.89
D62531 (301165)		1.45

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T484033

PROJECT: AGAT00667

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (200-) Sample Login Weight

DATE SAMPLED: Jun 23, 2019      DATE RECEIVED: Jun 24, 2019      DATE REPORTED: Jul 09, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D62532 (301166)		0.60
D62533 (301167)		1.18
D62534 (301168)		1.49
D62535 (301169)		2.22
D62536 (301170)		1.84
D62537 (301171)		1.93
D62538 (301172)		1.93
D62539 (301173)		2.64
D62540 (301174)		3.14
D62541 (301175)		2.56
D62542 (301176)		1.78
D62543 (301177)		1.84
D62544 (301178)		0.73
D62545 (301179)		1.29
D62546 (301180)		0.07
D62547 (301181)		0.78
D62548 (301182)		2.09
D62549 (301183)		1.90
D62550 (301184)		2.62
D62551 (301185)		1.92
D62552 (301186)		0.60
D62553 (301187)		1.83
D62554 (301188)		2.46
D62555 (301189)		1.10
D62556 (301190)		0.77
D62557 (301191)		2.52
D62558 (301192)		2.52
D62559 (301193)		2.28
D62560 (301194)		2.25
D62561 (301195)		1.95
D62562 (301196)		1.85

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T484033

PROJECT: AGAT00667

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Jun 23, 2019      DATE RECEIVED: Jun 24, 2019      DATE REPORTED: Jul 09, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D62563 (301197)		0.89
D62564 (301198)		1.79
D62565 (301199)		2.16
D62566 (301200)		0.07
D62567 (301201)		0.81
D62568 (301202)		2.36
D62569 (301203)		1.11
D62570 (301204)		1.77
D62571 (301205)		1.97
D62572 (301206)		0.61
D62573 (301207)		2.48
D62574 (301208)		1.36

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T484033

PROJECT: AGAT00667

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 23, 2019	DATE RECEIVED: Jun 24, 2019							DATE REPORTED: Jul 09, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D62501 (301135)	0.7	7.26	<1	397	<0.5	<1	6.09	<0.5	35	52.2	88.8	217	10.1	26	
D62502 (301136)	0.7	7.49	<1	369	<0.5	<1	6.13	<0.5	38	54.5	87.9	216	10.4	28	
D62503 (301137)	<0.5	7.38	<1	654	1.4	<1	0.84	<0.5	50	9.1	18.2	8.6	2.48	20	
D62504 (301138)	<0.5	7.49	1	611	3.3	<1	1.07	<0.5	46	8.2	20.2	8.0	2.18	19	
D62505 (301139)	1.0	3.75	3	199	7.5	<1	5.50	<0.5	51	50.2	471	90.6	6.16	16	
D62506 (301140)	<0.5	7.54	<1	188	<0.5	<1	6.27	<0.5	18	49.7	155	102	7.46	22	
D62507 (301141)	0.9	3.07	5	205	6.8	<1	5.37	<0.5	56	63.0	777	105	7.13	13	
D62508 (301142)	1.0	8.00	4	1320	11.7	<1	1.97	<0.5	40	8.1	34.6	14.1	2.13	20	
D62509 (301143)	<0.5	8.52	<1	688	1.2	<1	1.91	<0.5	29	8.7	11.5	7.1	2.18	22	
D62510 (301144)	<0.5	8.47	3	428	1.2	<1	2.08	<0.5	32	8.5	10.4	11.0	2.01	21	
D62511 (301145)	<0.5	8.60	<1	633	1.6	<1	2.66	<0.5	35	7.4	11.5	1.7	1.99	21	
D62512 (301146)	<0.5	0.11	<1	16	<0.5	<1	30.8	<0.5	2	0.7	4.3	<0.5	0.12	6	
D62513 (301147)	<0.5	8.31	<1	492	1.2	<1	2.45	<0.5	35	7.9	14.0	<0.5	2.02	22	
D62514 (301148)	1.1	8.62	1	483	1.9	<1	2.73	<0.5	34	7.3	9.7	19.0	1.89	21	
D62515 (301149)	<0.5	8.59	2	333	2.1	<1	2.32	<0.5	32	7.7	12.6	10.3	1.98	23	
D62516 (301150)	<0.5	8.64	2	444	1.4	<1	2.45	<0.5	31	7.6	13.8	1.7	1.98	21	
D62517 (301151)	<0.5	7.63	<1	404	2.3	<1	1.44	<0.5	35	9.1	13.8	5.4	2.23	20	
D62518 (301152)	<0.5	7.35	<1	389	2.1	<1	1.36	<0.5	33	8.9	13.1	5.4	2.15	19	
D62519 (301153)	<0.5	8.29	<1	421	1.3	<1	1.46	<0.5	31	7.2	12.2	0.8	1.92	22	
D62520 (301154)	<0.5	7.13	<1	423	0.9	<1	0.97	<0.5	44	8.3	13.8	2.1	1.98	20	
D62521 (301155)	<0.5	8.06	<1	467	0.9	<1	0.93	<0.5	34	12.0	18.3	0.8	2.70	22	
D62522 (301156)	<0.5	7.84	<1	448	1.0	<1	1.88	<0.5	70	17.3	45.2	77.6	3.33	21	
D62523 (301157)	0.5	8.22	<1	340	0.7	<1	1.19	<0.5	42	8.5	12.2	2.0	2.36	22	
D62524 (301158)	0.6	7.94	1	299	1.1	<1	1.23	<0.5	47	9.2	14.1	<0.5	2.50	24	
D62525 (301159)	<0.5	8.19	<1	379	1.3	<1	1.78	<0.5	59	11.8	14.0	<0.5	2.74	23	
D62526 (301160)	0.5	7.49	<1	148	<0.5	<1	6.75	<0.5	6	47.4	148	158	7.85	20	
D62527 (301161)	<0.5	7.93	<1	645	2.1	<1	2.67	<0.5	33	7.6	16.7	4.1	1.95	21	
D62528 (301162)	<0.5	8.44	<1	407	2.3	<1	2.09	<0.5	33	7.2	11.7	16.7	1.98	22	
D62529 (301163)	<0.5	8.18	<1	354	2.8	<1	1.53	<0.5	31	7.5	10.3	7.7	1.81	22	
D62530 (301164)	<0.5	8.17	<1	328	1.3	<1	1.58	<0.5	34	7.9	8.5	6.5	1.90	22	
D62531 (301165)	<0.5	8.12	<1	314	1.3	<1	1.62	<0.5	30	7.6	9.7	10.8	1.83	21	
D62532 (301166)	<0.5	0.13	<1	24	<0.5	<1	31.9	<0.5	1	<0.5	4.2	<0.5	0.09	6	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T484033

PROJECT: AGAT00667

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 23, 2019	DATE RECEIVED: Jun 24, 2019							DATE REPORTED: Jul 09, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D62533 (301167)	<0.5	8.52	1	335	1.2	<1	1.86	<0.5	34	7.3	9.4	4.4	1.90	21	
D62534 (301168)	<0.5	8.70	<1	379	2.7	<1	1.85	<0.5	29	8.3	12.3	12.7	2.07	21	
D62535 (301169)	<0.5	8.28	<1	377	0.7	<1	1.92	<0.5	32	8.0	9.7	20.1	1.95	22	
D62536 (301170)	<0.5	8.50	<1	595	0.8	<1	2.11	<0.5	34	8.9	15.4	11.6	2.24	22	
D62537 (301171)	0.6	8.00	<1	352	1.0	<1	2.45	<0.5	49	12.8	33.3	26.1	2.73	22	
D62538 (301172)	<0.5	8.40	<1	352	1.0	<1	2.75	<0.5	44	11.8	28.0	27.7	2.83	20	
D62539 (301173)	<0.5	8.23	<1	216	<0.5	<1	7.02	<0.5	12	41.5	98.6	113	6.99	19	
D62540 (301174)	0.5	7.04	<1	443	<0.5	<1	7.61	<0.5	43	47.0	148	111	6.68	19	
D62541 (301175)	0.7	5.58	<1	810	<0.5	<1	8.42	<0.5	112	62.5	322	110	7.50	20	
D62542 (301176)	<0.5	7.17	<1	547	0.7	<1	3.21	<0.5	68	23.9	101	22.2	3.29	20	
D62543 (301177)	0.6	7.33	<1	742	2.4	<1	3.19	<0.5	71	21.4	81.8	21.5	3.14	22	
D62544 (301178)	<0.5	8.12	<1	541	0.8	<1	1.20	<0.5	39	9.1	16.4	<0.5	2.26	23	
D62545 (301179)	<0.5	7.91	<1	456	0.7	<1	1.19	<0.5	40	10.1	16.5	1.3	2.37	23	
D62546 (301180)	<0.5	7.76	<1	192	<0.5	<1	6.31	<0.5	18	48.7	171	110	7.50	22	
D62547 (301181)	<0.5	7.24	<1	357	1.1	<1	0.99	<0.5	52	4.8	14.3	<0.5	1.41	18	
D62548 (301182)	<0.5	8.13	<1	400	0.8	<1	1.03	<0.5	30	10.0	19.2	6.7	2.48	21	
D62549 (301183)	<0.5	8.05	<1	434	1.1	<1	1.57	<0.5	44	11.0	27.6	50.7	2.43	21	
D62550 (301184)	1.1	3.93	<1	1460	<0.5	<1	8.81	<0.5	163	83.8	664	111	8.09	19	
D62551 (301185)	<0.5	8.30	1	559	1.2	<1	1.28	<0.5	29	10.1	21.0	11.6	2.33	21	
D62552 (301186)	<0.5	0.10	<1	22	<0.5	<1	32.4	<0.5	1	0.5	4.0	<0.5	0.09	5	
D62553 (301187)	<0.5	8.05	<1	568	0.8	<1	1.12	<0.5	47	10.0	18.6	16.3	2.52	21	
D62554 (301188)	<0.5	8.19	<1	546	2.3	<1	1.48	<0.5	62	8.7	17.5	20.2	2.25	21	
D62555 (301189)	<0.5	3.12	<1	112	6.5	<1	9.48	<0.5	129	46.5	290	123	6.26	14	
D62556 (301190)	<0.5	7.53	3	186	1.7	<1	3.01	<0.5	81	18.0	21.1	183	1.74	19	
D62557 (301191)	<0.5	7.89	<1	407	0.8	<1	0.90	<0.5	37	9.6	21.0	4.5	2.43	21	
D62558 (301192)	<0.5	8.06	1	415	0.8	<1	0.97	<0.5	39	9.6	20.9	4.2	2.48	21	
D62559 (301193)	<0.5	8.37	<1	403	0.8	<1	1.31	<0.5	30	9.5	22.5	7.8	2.35	21	
D62560 (301194)	<0.5	8.21	<1	410	0.7	<1	1.10	<0.5	31	10.5	20.9	6.1	2.36	21	
D62561 (301195)	<0.5	8.06	<1	444	0.9	<1	1.23	<0.5	30	9.8	16.8	6.4	2.35	22	
D62562 (301196)	<0.5	8.15	<1	407	3.3	<1	1.13	<0.5	42	10.6	20.4	6.8	2.60	21	
D62563 (301197)	<0.5	8.50	<1	459	1.0	<1	1.31	<0.5	44	8.4	14.8	0.5	2.26	22	
D62564 (301198)	<0.5	8.43	<1	526	0.8	<1	1.24	<0.5	59	11.0	17.8	<0.5	2.60	23	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T484033

PROJECT: AGAT00667

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 23, 2019	DATE RECEIVED: Jun 24, 2019					DATE REPORTED: Jul 09, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D62565 (301199)	<0.5	8.68	<1	542	1.3	<1	1.66	<0.5	60	8.4	17.4	7.0	2.25	23	
D62566 (301200)	<0.5	8.00	<1	157	<0.5	<1	7.13	<0.5	6	48.5	154	160	8.31	21	
D62567 (301201)	<0.5	3.52	<1	201	6.0	<1	6.97	<0.5	105	49.1	268	62.6	5.28	15	
D62568 (301202)	<0.5	8.36	1	676	1.9	<1	1.97	<0.5	68	9.5	28.1	11.5	2.31	23	
D62569 (301203)	0.7	3.82	<1	764	1.5	<1	8.10	<0.5	138	81.8	400	103	9.07	21	
D62570 (301204)	<0.5	8.14	2	582	1.2	<1	1.60	<0.5	46	8.7	18.4	5.5	2.27	23	
D62571 (301205)	<0.5	8.08	<1	555	1.8	<1	1.80	<0.5	37	8.2	23.5	9.1	1.95	22	
D62572 (301206)	<0.5	0.11	<1	17	<0.5	<1	33.2	<0.5	2	<0.5	3.4	<0.5	0.09	5	
D62573 (301207)	<0.5	8.55	<1	713	1.4	<1	2.15	<0.5	28	6.7	17.3	11.0	1.81	21	
D62574 (301208)	<0.5	8.13	<1	463	1.2	<1	1.82	<0.5	34	8.8	24.0	36.0	1.94	21	

Certified By:

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AGAT WORK ORDER: 19T484033

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 23, 2019

DATE RECEIVED: Jun 24, 2019

DATE REPORTED: Jul 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D62501 (301135)		<1	0.80	20	8	2.93	1540	<0.5	2.25	49.8	897	<20	<50	0.03	<1
D62502 (301136)		<1	0.80	21	9	2.97	1580	<0.5	2.64	49.9	1010	<20	<50	0.03	<1
D62503 (301137)		<1	2.11	25	61	1.17	309	1.1	3.40	8.0	459	<20	<50	0.02	<1
D62504 (301138)		<1	1.66	23	88	1.20	298	1.3	3.88	13.1	360	<20	<50	0.03	<1
D62505 (301139)		<1	1.20	25	114	6.28	1050	<0.5	4.13	409	1200	<20	<50	0.03	<1
D62506 (301140)		<1	0.43	11	10	4.20	1300	<0.5	2.27	110	888	<20	<50	0.09	<1
D62507 (301141)		<1	0.85	29	133	8.10	1300	<0.5	4.11	612	292	<20	<50	0.02	<1
D62508 (301142)		<1	1.50	18	66	0.86	304	1.2	4.61	14.1	1010	<20	<50	0.15	<1
D62509 (301143)		<1	1.96	15	16	0.72	341	0.8	3.69	6.0	388	<20	<50	0.05	<1
D62510 (301144)		<1	1.48	15	15	0.54	289	0.9	3.59	4.6	387	<20	<50	0.09	<1
D62511 (301145)		<1	1.51	17	19	0.67	281	1.5	3.43	3.7	416	<20	<50	0.05	<1
D62512 (301146)		3	0.02	<2	1	3.12	58	<0.5	0.05	0.9	107	<20	<50	0.03	4
D62513 (301147)		<1	1.52	17	13	0.84	301	1.7	3.19	3.8	460	<20	<50	0.06	<1
D62514 (301148)		<1	1.72	17	20	0.65	269	0.9	3.53	3.5	379	<20	<50	0.12	<1
D62515 (301149)		<1	1.53	16	19	0.65	297	1.4	3.52	3.6	402	<20	<50	0.07	<1
D62516 (301150)		<1	1.37	15	13	0.63	249	1.6	3.52	3.5	369	<20	<50	0.02	<1
D62517 (301151)		<1	2.01	17	44	1.26	278	0.8	3.57	6.5	457	<20	<50	0.07	<1
D62518 (301152)		<1	1.95	15	42	1.24	268	1.2	3.51	6.6	447	<20	<50	0.06	<1
D62519 (301153)		<1	1.63	15	26	1.00	227	0.9	4.00	4.2	389	<20	<50	0.01	<1
D62520 (301154)		<1	1.74	21	13	1.50	280	3.7	2.88	8.0	372	<20	<50	0.05	<1
D62521 (301155)		<1	2.12	17	21	1.89	424	0.9	3.27	17.4	483	<20	<50	0.03	<1
D62522 (301156)		<1	2.11	32	42	2.31	518	0.8	3.23	45.3	899	<20	<50	0.32	<1
D62523 (301157)		<1	1.82	21	33	1.36	344	0.9	3.72	6.8	287	<20	<50	0.02	<1
D62524 (301158)		<1	1.96	23	33	1.33	388	0.8	3.59	8.0	280	<20	<50	0.01	<1
D62525 (301159)		<1	1.83	28	22	1.65	404	0.9	3.58	9.3	565	<20	<50	0.02	<1
D62526 (301160)		<1	0.20	5	12	4.30	1380	<0.5	2.30	88.0	403	<20	<50	0.16	<1
D62527 (301161)		<1	1.71	16	19	1.27	325	1.7	3.18	4.5	363	<20	<50	0.05	<1
D62528 (301162)		<1	1.39	15	18	0.87	222	0.9	3.88	3.2	395	<20	<50	0.07	<1
D62529 (301163)		<1	1.36	15	26	0.65	231	1.0	4.33	3.5	343	<20	<50	0.03	<1
D62530 (301164)		<1	1.24	16	14	0.71	297	<0.5	4.19	2.7	320	<20	<50	0.05	<1
D62531 (301165)		<1	1.18	14	13	0.59	288	0.6	4.07	3.5	332	<20	<50	0.05	<1
D62532 (301166)		2	0.03	<2	<1	2.61	61	<0.5	0.07	<0.5	85	<20	<50	0.02	4

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T484033

PROJECT: AGAT00667

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 23, 2019	DATE RECEIVED: Jun 24, 2019					DATE REPORTED: Jul 09, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D62533 (301167)	<1	1.10	16	10	0.49	275	0.6	4.16	3.4	373	<20	<50	0.03	<1	
D62534 (301168)	<1	1.27	14	28	0.60	278	<0.5	4.40	4.2	339	<20	<50	0.04	<1	
D62535 (301169)	<1	1.17	15	10	0.68	280	1.2	3.76	3.9	427	<20	<50	0.08	<1	
D62536 (301170)	<1	1.39	16	13	0.94	354	0.6	3.29	4.3	461	<20	<50	0.05	<1	
D62537 (301171)	<1	1.02	23	15	1.64	422	0.9	3.25	11.1	648	<20	<50	0.11	<1	
D62538 (301172)	<1	1.07	21	15	1.73	438	1.1	3.29	10.6	572	<20	<50	0.12	<1	
D62539 (301173)	<1	0.95	8	7	4.30	1280	<0.5	1.90	85.7	244	<20	<50	0.09	<1	
D62540 (301174)	<1	1.50	23	17	4.99	1260	<0.5	1.57	134	896	<20	<50	0.10	<1	
D62541 (301175)	<1	1.76	53	12	7.02	1370	<0.5	1.26	227	2180	<20	<50	0.16	<1	
D62542 (301176)	<1	1.24	32	36	3.19	481	<0.5	3.68	91.0	893	<20	<50	0.04	<1	
D62543 (301177)	<1	1.90	34	67	2.86	483	1.4	3.72	72.9	1160	<20	<50	0.07	<1	
D62544 (301178)	<1	1.77	19	15	1.44	266	1.2	3.55	7.6	374	<20	<50	0.02	1	
D62545 (301179)	<1	1.63	20	14	1.45	297	1.0	3.66	8.2	357	<20	<50	0.02	<1	
D62546 (301180)	<1	0.45	11	10	4.28	1330	<0.5	2.33	106	836	<20	<50	0.09	<1	
D62547 (301181)	<1	1.35	25	10	0.80	194	1.5	3.99	4.9	266	<20	<50	0.02	<1	
D62548 (301182)	<1	1.96	15	16	1.35	317	3.9	3.59	10.2	393	<20	<50	0.04	<1	
D62549 (301183)	<1	1.40	22	25	1.28	331	1.6	4.03	11.1	513	<20	<50	0.17	<1	
D62550 (301184)	<1	3.08	79	25	9.65	1410	1.5	0.79	359	3050	<20	<50	0.21	<1	
D62551 (301185)	<1	1.52	15	60	1.37	365	1.3	4.37	14.1	427	<20	<50	0.07	<1	
D62552 (301186)	3	0.03	<2	<1	1.70	43	<0.5	0.06	<0.5	77	<20	<50	0.03	<1	
D62553 (301187)	<1	1.72	23	20	1.43	338	1.9	3.79	7.3	438	<20	<50	0.09	<1	
D62554 (301188)	<1	1.25	29	36	1.14	280	1.3	4.65	6.6	741	<20	<50	0.13	<1	
D62555 (301189)	<1	2.74	59	181	6.31	1870	0.8	1.87	352	1670	<20	<50	0.16	<1	
D62556 (301190)	<1	0.63	25	18	1.04	756	0.6	5.58	15.0	5050	<20	<50	0.23	<1	
D62557 (301191)	<1	1.17	19	12	1.38	261	1.2	4.18	10.6	471	<20	<50	0.06	<1	
D62558 (301192)	<1	1.21	19	13	1.43	267	1.2	4.27	12.2	451	<20	<50	0.06	<1	
D62559 (301193)	<1	1.39	15	26	1.16	325	1.6	4.25	8.9	424	<20	<50	0.09	<1	
D62560 (301194)	<1	1.34	16	24	1.32	258	0.8	4.08	9.3	431	<20	<50	0.06	<1	
D62561 (301195)	<1	1.36	15	29	1.32	257	0.9	3.92	8.9	423	<20	<50	0.06	<1	
D62562 (301196)	<1	1.73	21	39	1.38	353	1.1	4.00	9.6	564	<20	<50	0.06	<1	
D62563 (301197)	<1	1.41	21	23	1.11	331	1.4	4.12	4.2	483	<20	<50	0.02	<1	
D62564 (301198)	<1	1.87	27	24	1.64	315	1.0	3.80	6.4	700	<20	<50	0.04	<1	

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## Certificate of Analysis

AGAT WORK ORDER: 19T484033

PROJECT: AGAT00667

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 23, 2019	DATE RECEIVED: Jun 24, 2019					DATE REPORTED: Jul 09, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D62565 (301199)	<1	1.56	27	34	1.00	315	0.7	4.01	3.5	757	<20	<50	0.07	<1	
D62566 (301200)	<1	0.22	5	13	4.59	1470	<0.5	2.45	90.5	401	<20	<50	0.15	<1	
D62567 (301201)	<1	1.91	51	96	7.10	1010	1.1	3.07	298	1250	<20	<50	0.08	<1	
D62568 (301202)	<1	1.19	31	49	1.17	290	1.1	4.61	13.0	814	<20	<50	0.07	<1	
D62569 (301203)	<1	3.19	69	38	7.48	1520	2.9	1.46	309	2790	<20	<50	0.23	<1	
D62570 (301204)	<1	1.42	22	36	1.08	261	1.0	4.04	7.8	507	<20	<50	0.07	<1	
D62571 (301205)	<1	1.37	17	30	0.88	251	1.3	4.15	10.8	528	<20	<50	0.10	<1	
D62572 (301206)	3	0.02	<2	<1	2.00	55	<0.5	0.06	<0.5	89	<20	<50	0.02	<1	
D62573 (301207)	<1	1.27	14	15	0.56	235	1.4	4.04	3.6	331	<20	<50	0.13	<1	
D62574 (301208)	<1	1.16	17	12	0.75	257	1.5	4.08	10.9	337	<20	<50	0.30	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 23, 2019

DATE RECEIVED: Jun 24, 2019

DATE REPORTED: Jul 09, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D62501 (301135)	38	<10	<5	170	<10	<10	<5	1.03	<5	<50	348	<1	36	112
D62502 (301136)	41	<10	<5	169	<10	<10	<5	1.05	<5	<50	368	<1	39	112
D62503 (301137)	5	<10	<5	122	<10	<10	<5	0.21	<5	<50	35.1	<1	8	51.3
D62504 (301138)	5	<10	<5	136	<10	<10	<5	0.19	<5	<50	28.3	<1	8	48.9
D62505 (301139)	31	<10	<5	298	<10	<10	<5	0.50	<5	<50	150	<1	42	100
D62506 (301140)	34	<10	<5	238	<10	<10	<5	0.84	<5	<50	239	<1	22	84.8
D62507 (301141)	35	<10	<5	325	<10	<10	<5	0.52	<5	<50	166	<1	35	104
D62508 (301142)	7	<10	<5	194	<10	<10	<5	0.19	<5	<50	36.0	<1	21	33.5
D62509 (301143)	4	<10	<5	329	<10	<10	<5	0.19	<5	<50	31.7	<1	5	52.8
D62510 (301144)	4	<10	<5	288	<10	<10	<5	0.18	<5	<50	31.8	<1	5	46.6
D62511 (301145)	4	<10	<5	236	<10	<10	<5	0.18	<5	<50	30.4	<1	7	36.0
D62512 (301146)	<1	<10	<5	65	<10	<10	<5	<0.01	<5	<50	1.5	3	2	4.9
D62513 (301147)	4	<10	<5	225	<10	<10	<5	0.18	<5	<50	31.5	<1	6	34.2
D62514 (301148)	4	<10	<5	237	<10	<10	<5	0.18	<5	<50	28.5	<1	5	43.0
D62515 (301149)	4	<10	<5	238	<10	<10	<5	0.18	<5	<50	29.9	<1	5	45.5
D62516 (301150)	4	<10	<5	223	<10	<10	<5	0.17	<5	<50	30.2	<1	5	34.3
D62517 (301151)	5	<10	<5	170	<10	<10	<5	0.20	<5	<50	33.9	<1	7	37.7
D62518 (301152)	5	<10	<5	161	<10	<10	<5	0.19	<5	<50	33.0	<1	8	36.4
D62519 (301153)	4	<10	<5	248	<10	<10	<5	0.17	<5	<50	28.9	<1	5	33.0
D62520 (301154)	5	<10	<5	134	<10	<10	<5	0.16	<5	<50	26.4	<1	5	33.3
D62521 (301155)	7	<10	<5	180	<10	<10	<5	0.22	<5	<50	41.8	<1	4	50.7
D62522 (301156)	8	<10	<5	261	<10	<10	<5	0.35	<5	<50	60.3	<1	9	184
D62523 (301157)	6	<10	<5	192	<10	<10	<5	0.19	<5	<50	28.3	<1	5	68.8
D62524 (301158)	8	<10	<5	158	<10	<10	<5	0.19	<5	<50	34.1	<1	6	82.7
D62525 (301159)	7	<10	<5	228	<10	<10	<5	0.27	<5	<50	48.0	<1	9	46.6
D62526 (301160)	46	<10	<5	110	<10	<10	<5	0.68	<5	<50	314	<1	23	76.7
D62527 (301161)	5	<10	<5	189	<10	<10	<5	0.16	<5	<50	31.2	<1	8	40.0
D62528 (301162)	4	<10	<5	235	<10	<10	<5	0.16	<5	<50	31.8	<1	5	42.9
D62529 (301163)	5	<10	<5	372	<10	<10	<5	0.16	<5	<50	32.0	<1	4	53.6
D62530 (301164)	4	<10	<5	322	<10	<10	<5	0.16	<5	<50	29.2	<1	4	34.6
D62531 (301165)	4	<10	<5	309	<10	<10	<5	0.16	<5	<50	29.8	<1	4	35.3
D62532 (301166)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	3.5

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T484033

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 23, 2019	DATE RECEIVED: Jun 24, 2019					DATE REPORTED: Jul 09, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D62533 (301167)	4	<10	<5	317	<10	<10	<5	0.17	<5	<50	29.6	<1	5	38.7	
D62534 (301168)	6	<10	<5	301	<10	<10	<5	0.19	<5	<50	38.1	<1	5	44.3	
D62535 (301169)	4	<10	<5	236	<10	<10	<5	0.19	<5	<50	31.8	<1	5	41.4	
D62536 (301170)	4	<10	<5	234	<10	<10	<5	0.20	<5	<50	32.2	<1	5	55.1	
D62537 (301171)	9	<10	<5	196	<10	<10	<5	0.23	<5	<50	58.6	<1	10	61.2	
D62538 (301172)	8	<10	<5	200	<10	<10	<5	0.24	<5	<50	53.0	<1	9	61.3	
D62539 (301173)	39	<10	<5	128	<10	<10	<5	0.41	<5	<50	235	<1	17	73.4	
D62540 (301174)	36	<10	<5	314	<10	<10	<5	0.66	<5	<50	232	<1	17	73.1	
D62541 (301175)	31	<10	<5	605	<10	<10	<5	1.39	<5	<50	258	<1	21	72.2	
D62542 (301176)	10	<10	<5	314	<10	<10	<5	0.51	<5	<50	77.1	<1	10	47.2	
D62543 (301177)	10	<10	<5	400	<10	<10	<5	0.49	<5	<50	83.1	<1	13	56.0	
D62544 (301178)	5	<10	<5	161	<10	<10	<5	0.18	<5	<50	31.5	<1	5	47.4	
D62545 (301179)	6	<10	<5	160	<10	<10	<5	0.20	<5	<50	36.3	<1	5	45.5	
D62546 (301180)	34	<10	<5	244	<10	<10	<5	0.85	<5	<50	241	<1	22	86.8	
D62547 (301181)	5	<10	<5	154	<10	<10	<5	0.11	<5	<50	21.4	<1	5	27.2	
D62548 (301182)	6	<10	<5	195	<10	<10	<5	0.20	<5	<50	39.1	<1	4	44.5	
D62549 (301183)	6	<10	<5	244	<10	<10	<5	0.23	<5	<50	40.7	<1	8	47.6	
D62550 (301184)	24	<10	<5	974	<10	<10	<5	2.20	<5	<50	274	<1	23	76.6	
D62551 (301185)	6	<10	<5	238	<10	<10	<5	0.21	<5	<50	36.3	<1	6	46.4	
D62552 (301186)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	4.1	
D62553 (301187)	6	<10	<5	204	<10	<10	<5	0.23	<5	<50	38.5	<1	5	53.8	
D62554 (301188)	4	<10	<5	234	<10	<10	<5	0.20	<5	<50	32.7	<1	8	46.3	
D62555 (301189)	20	<10	<5	783	<10	<10	<5	0.29	<5	<50	154	<1	29	76.9	
D62556 (301190)	8	<10	<5	385	<10	<10	9	0.15	<5	<50	38.9	<1	211	20.7	
D62557 (301191)	5	<10	<5	218	<10	<10	<5	0.18	<5	<50	37.3	<1	5	45.2	
D62558 (301192)	5	<10	<5	227	<10	<10	<5	0.18	<5	<50	36.0	<1	4	44.7	
D62559 (301193)	6	<10	<5	214	<10	<10	<5	0.19	<5	<50	38.0	<1	6	39.1	
D62560 (301194)	6	<10	<5	202	<10	<10	<5	0.20	<5	<50	39.0	<1	4	37.9	
D62561 (301195)	6	<10	<5	197	<10	<10	<5	0.19	<5	<50	39.2	<1	4	32.1	
D62562 (301196)	6	<10	<5	199	<10	<10	<5	0.22	<5	<50	43.5	<1	6	48.6	
D62563 (301197)	5	<10	<5	208	<10	<10	<5	0.20	<5	<50	30.4	<1	5	53.8	
D62564 (301198)	6	<10	<5	236	<10	<10	<5	0.25	<5	<50	41.6	<1	7	46.5	

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AGAT WORK ORDER: 19T484033

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 23, 2019	DATE RECEIVED: Jun 24, 2019					DATE REPORTED: Jul 09, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D62565 (301199)	5	<10	<5	306	<10	<10	<5	0.21	<5	<50	30.2	<1	9	57.5	
D62566 (301200)	46	<10	<5	117	<10	<10	<5	0.72	<5	<50	315	<1	23	80.6	
D62567 (301201)	17	<10	<5	849	<10	<10	<5	0.62	<5	<50	163	<1	30	62.1	
D62568 (301202)	5	<10	<5	332	<10	<10	<5	0.24	<5	<50	39.0	<1	12	52.7	
D62569 (301203)	20	<10	<5	1100	<10	<10	<5	1.93	<5	<50	275	<1	27	98.5	
D62570 (301204)	4	<10	<5	231	<10	<10	<5	0.21	<5	<50	33.5	<1	6	66.9	
D62571 (301205)	5	<10	<5	273	<10	<10	<5	0.17	<5	<50	33.3	<1	6	47.8	
D62572 (301206)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	3.5	
D62573 (301207)	4	<10	<5	254	<10	<10	<5	0.16	<5	<50	29.9	<1	5	39.4	
D62574 (301208)	4	<10	<5	250	<10	<10	<5	0.19	<5	<50	33.0	<1	5	44.7	

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 23, 2019      DATE RECEIVED: Jun 24, 2019      DATE REPORTED: Jul 09, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D62501 (301135)			151
D62502 (301136)			161
D62503 (301137)			64
D62504 (301138)			94
D62505 (301139)			199
D62506 (301140)			90
D62507 (301141)			191
D62508 (301142)			195
D62509 (301143)			42
D62510 (301144)			52
D62511 (301145)			59
D62512 (301146)			<5
D62513 (301147)			72
D62514 (301148)			64
D62515 (301149)			54
D62516 (301150)			53
D62517 (301151)			40
D62518 (301152)			42
D62519 (301153)			29
D62520 (301154)			53
D62521 (301155)			21
D62522 (301156)			54
D62523 (301157)			86
D62524 (301158)			108
D62525 (301159)			50
D62526 (301160)			52
D62527 (301161)			64
D62528 (301162)			56
D62529 (301163)			25
D62530 (301164)			22
D62531 (301165)			34
D62532 (301166)			<5

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ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 23, 2019      DATE RECEIVED: Jun 24, 2019      DATE REPORTED: Jul 09, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D62533 (301167)				45
D62534 (301168)				50
D62535 (301169)				65
D62536 (301170)				71
D62537 (301171)				120
D62538 (301172)				113
D62539 (301173)				53
D62540 (301174)				83
D62541 (301175)				207
D62542 (301176)				90
D62543 (301177)				124
D62544 (301178)				64
D62545 (301179)				68
D62546 (301180)				91
D62547 (301181)				53
D62548 (301182)				8
D62549 (301183)				65
D62550 (301184)				320
D62551 (301185)				37
D62552 (301186)				<5
D62553 (301187)				15
D62554 (301188)				45
D62555 (301189)				52
D62556 (301190)				63
D62557 (301191)				9
D62558 (301192)				10
D62559 (301193)				12
D62560 (301194)				12
D62561 (301195)				15
D62562 (301196)				22
D62563 (301197)				42
D62564 (301198)				19

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T484033

PROJECT: AGAT00667

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

**(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish**

DATE SAMPLED: Jun 23, 2019

DATE RECEIVED: Jun 24, 2019

DATE REPORTED: Jul 09, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D62565 (301199)	50
D62566 (301200)	52
D62567 (301201)	64
D62568 (301202)	102
D62569 (301203)	195
D62570 (301204)	53
D62571 (301205)	40
D62572 (301206)	<5
D62573 (301207)	52
D62574 (301208)	42

Comments: RDL - Reported Detection Limit

301135-301208 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T484033

PROJECT: AGAT00667

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 23, 2019      DATE RECEIVED: Jun 24, 2019      DATE REPORTED: Jul 09, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D62501 (301135)			0.015
D62502 (301136)			0.010
D62503 (301137)			0.004
D62504 (301138)			0.063
D62505 (301139)			0.003
D62506 (301140)			0.324
D62507 (301141)			0.003
D62508 (301142)			0.004
D62509 (301143)			0.004
D62510 (301144)			0.004
D62511 (301145)			0.003
D62512 (301146)			<0.001
D62513 (301147)			0.003
D62514 (301148)			0.013
D62515 (301149)			0.007
D62516 (301150)			0.002
D62517 (301151)			0.027
D62518 (301152)			0.031
D62519 (301153)			0.001
D62520 (301154)			0.004
D62521 (301155)			<0.001
D62522 (301156)			0.002
D62523 (301157)			<0.001
D62524 (301158)			0.001
D62525 (301159)			<0.001
D62526 (301160)			0.530
D62527 (301161)			0.006
D62528 (301162)			0.003
D62529 (301163)			0.002
D62530 (301164)			0.003
D62531 (301165)			0.005
D62532 (301166)			0.002

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## Certificate of Analysis

AGAT WORK ORDER: 19T484033

PROJECT: AGAT00667

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 23, 2019      DATE RECEIVED: Jun 24, 2019      DATE REPORTED: Jul 09, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D62533 (301167)			0.002
D62534 (301168)			0.004
D62535 (301169)			0.004
D62536 (301170)			0.002
D62537 (301171)			0.004
D62538 (301172)			0.003
D62539 (301173)			0.005
D62540 (301174)			0.003
D62541 (301175)			0.003
D62542 (301176)			0.002
D62543 (301177)			0.001
D62544 (301178)			0.002
D62545 (301179)			0.001
D62546 (301180)			0.341
D62547 (301181)			0.003
D62548 (301182)			0.002
D62549 (301183)			0.003
D62550 (301184)			0.003
D62551 (301185)			0.014
D62552 (301186)			<0.001
D62553 (301187)			0.003
D62554 (301188)			0.022
D62555 (301189)			0.002
D62556 (301190)			0.004
D62557 (301191)			0.005
D62558 (301192)			0.006
D62559 (301193)			0.010
D62560 (301194)			0.003
D62561 (301195)			0.010
D62562 (301196)			0.004
D62563 (301197)			0.006
D62564 (301198)			0.002

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## Certificate of Analysis

AGAT WORK ORDER: 19T484033

PROJECT: AGAT00667

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 23, 2019	DATE RECEIVED: Jun 24, 2019	DATE REPORTED: Jul 09, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D62565 (301199)			0.004
D62566 (301200)			0.512
D62567 (301201)			0.002
D62568 (301202)			0.003
D62569 (301203)			0.003
D62570 (301204)			0.004
D62571 (301205)			0.010
D62572 (301206)			<0.001
D62573 (301207)			0.014
D62574 (301208)			0.013

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T484033

PROJECT: AGAT00667

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Jun 23, 2019	DATE RECEIVED: Jun 24, 2019	DATE REPORTED: Jul 09, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D62503 (301137)		88.75
D62520 (301154)		88.72
D62540 (301174)		85.31
D62560 (301194)		92.11

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T484033

PROJECT: AGAT00667

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jun 23, 2019	DATE RECEIVED: Jun 24, 2019	DATE REPORTED: Jul 09, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D62501 (301135)		87.51
D62537 (301171)		87.75

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	301135	0.7	0.7	0.0%	301149	< 0.5	< 0.5	0.0%	301161	< 0.5	< 0.5	0.0%	301174	0.5	0.4	22.2%
Al	301135	7.26	7.34	1.1%	301149	8.59	8.21	4.5%	301161	7.93	8.15	2.7%	301174	7.04	6.83	3.0%
As	301135	< 1	< 1	0.0%	301149	2	1		301161	< 1	< 1	0.0%	301174	< 1	< 1	0.0%
Ba	301135	397	404	1.7%	301149	333	323	3.0%	301161	645	669	3.7%	301174	443	443	0.0%
Be	301135	< 0.5	< 0.5	0.0%	301149	2.10	1.91	9.5%	301161	2.1	2.1	0.0%	301174	< 0.5	< 0.5	0.0%
Bi	301135	< 1	< 1	0.0%	301149	< 1	< 1	0.0%	301161	< 1	< 1	0.0%	301174	< 1	< 1	0.0%
Ca	301135	6.09	6.17	1.3%	301149	2.32	2.25	3.1%	301161	2.67	2.71	1.5%	301174	7.61	7.59	0.3%
Cd	301135	< 0.5	< 0.5	0.0%	301149	< 0.5	< 0.5	0.0%	301161	< 0.5	< 0.5	0.0%	301174	< 0.5	< 0.5	0.0%
Ce	301135	35	34	2.9%	301149	32	33	3.1%	301161	33	34	3.0%	301174	43	42	2.4%
Co	301135	52.2	51.8	0.8%	301149	7.7	7.9	2.6%	301161	7.59	7.30	3.9%	301174	47.0	44.7	5.0%
Cr	301135	88.8	84.0	5.6%	301149	12.6	11.7	7.4%	301161	16.7	18.6	10.8%	301174	148	145	2.0%
Cu	301135	217	217	0.0%	301149	10.3	9.7	6.0%	301161	4.05	3.59	12.0%	301174	111	106	4.6%
Fe	301135	10.1	10.2	1.0%	301149	1.98	1.90	4.1%	301161	1.95	1.99	2.0%	301174	6.68	6.58	1.5%
Ga	301135	26	26	0.0%	301149	23	23	0.0%	301161	21	21	0.0%	301174	19	19	0.0%
In	301135	< 1	< 1	0.0%	301149	< 1	< 1	0.0%	301161	< 1	< 1	0.0%	301174	< 1	< 1	0.0%
K	301135	0.80	0.80	0.0%	301149	1.53	1.48	3.3%	301161	1.71	1.75	2.3%	301174	1.50	1.46	2.7%
La	301135	20	20	0.0%	301149	16	16	0.0%	301161	16	16	0.0%	301174	23	22	4.4%
Li	301135	8	8	0.0%	301149	19	18	5.4%	301161	19	19	0.0%	301174	17	17	0.0%
Mg	301135	2.93	2.96	1.0%	301149	0.65	0.63	3.1%	301161	1.27	1.26	0.8%	301174	4.99	4.85	2.8%
Mn	301135	1540	1560	1.3%	301149	297	285	4.1%	301161	325	330	1.5%	301174	1260	1230	2.4%
Mo	301135	< 0.5	< 0.5	0.0%	301149	1.42	1.14	21.9%	301161	1.72	1.92	11.0%	301174	< 0.5	< 0.5	0.0%
Na	301135	2.25	2.30	2.2%	301149	3.52	3.36	4.7%	301161	3.18	3.24	1.9%	301174	1.57	1.57	0.0%
Ni	301135	49.8	48.5	2.6%	301149	3.56	3.27	8.5%	301161	4.45	4.35	2.3%	301174	134	126	6.2%
P	301135	897	863	3.9%	301149	402	416	3.4%	301161	363	352	3.1%	301174	896	824	8.4%
Pb	301135	< 20	< 20	0.0%	301149	< 20	< 20	0.0%	301161	< 20	< 20	0.0%	301174	< 20	< 20	0.0%
Rb	301135	< 50	< 50	0.0%	301149	< 50	< 50	0.0%	301161	< 50	< 50	0.0%	301174	< 50	< 50	0.0%
S	301135	0.034	0.037	8.5%	301149	0.070	0.064	9.0%	301161	0.05	0.05	0.0%	301174	0.097	0.092	5.3%
Sb	301135	< 1	< 1	0.0%	301149	< 1	< 1	0.0%	301161	< 1	< 1	0.0%	301174	< 1	< 1	0.0%
Sc	301135	38	37	2.7%	301149	4	4	0.0%	301161	5	5	0.0%	301174	36	34	5.7%
Se	301135	< 10	< 10	0.0%	301149	< 10	< 10	0.0%	301161	< 10	< 10	0.0%	301174	< 10	< 10	0.0%
Sn	301135	< 5	< 5	0.0%	301149	< 5	< 5	0.0%	301161	< 5	< 5	0.0%	301174	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	301135	170	173	1.7%	301149	238	230	3.4%	301161	189	195	3.1%	301174	314	315	0.3%
Ta	301135	< 10	< 10	0.0%	301149	< 10	< 10	0.0%	301161	< 10	< 10	0.0%	301174	< 10	< 10	0.0%
Te	301135	< 10	< 10	0.0%	301149	< 10	< 10	0.0%	301161	< 10	< 10	0.0%	301174	< 10	< 10	0.0%
Th	301135	< 5	< 5	0.0%	301149	< 5	< 5	0.0%	301161	< 5	< 5	0.0%	301174	< 5	< 5	0.0%
Ti	301135	1.03	1.04	1.0%	301149	0.175	0.170	2.9%	301161	0.16	0.16	0.0%	301174	0.66	0.66	0.0%
Tl	301135	< 5	< 5	0.0%	301149	< 5	< 5	0.0%	301161	< 5	< 5	0.0%	301174	< 5	< 5	0.0%
U	301135	< 50	< 50	0.0%	301149	< 50	< 50	0.0%	301161	< 50	< 50	0.0%	301174	< 50	< 50	0.0%
V	301135	348	337	3.2%	301149	29.9	30.5	2.0%	301161	31.2	29.5	5.6%	301174	232	220	5.3%
W	301135	< 1	< 1	0.0%	301149	< 1	< 1	0.0%	301161	< 1	< 1	0.0%	301174	< 1	< 1	0.0%
Y	301135	36	35	2.8%	301149	5	5	0.0%	301161	8	8	0.0%	301174	17	16	6.1%
Zn	301135	112	114	1.8%	301149	45.5	44.2	2.9%	301161	40.0	38.4	4.1%	301174	73.1	65.2	11.4%
Zr	301135	151	146	3.4%	301149	54	58	7.1%	301161	64	61	4.8%	301174	83	80	3.7%

Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	301185	< 0.5	< 0.5	0.0%	301199	< 0.5	< 0.5	0.0%								
Al	301185	8.30	8.24	0.7%	301199	8.68	8.69	0.1%								
As	301185	1	< 1		301199	< 1	< 1	0.0%								
Ba	301185	559	539	3.6%	301199	542	551	1.6%								
Be	301185	1.2	1.2	0.0%	301199	1.33	1.46	9.3%								
Bi	301185	< 1	< 1	0.0%	301199	< 1	< 1	0.0%								
Ca	301185	1.28	1.29	0.8%	301199	1.66	1.66	0.0%								
Cd	301185	< 0.5	< 0.5	0.0%	301199	< 0.5	< 0.5	0.0%								
Ce	301185	29	36	21.5%	301199	60	61	1.7%								
Co	301185	10.1	10.8	6.7%	301199	8.4	8.1	3.6%								
Cr	301185	21.0	26.2	22.0%	301199	17.4	16.6	4.7%								
Cu	301185	11.6	11.6	0.0%	301199	6.99	7.27	3.9%								
Fe	301185	2.33	2.35	0.9%	301199	2.25	2.24	0.4%								
Ga	301185	21	21	0.0%	301199	23	23	0.0%								
In	301185	< 1	< 1	0.0%	301199	< 1	< 1	0.0%								
K	301185	1.52	1.53	0.7%	301199	1.56	1.57	0.6%								
La	301185	15	17	12.5%	301199	27	27	0.0%								
Li	301185	60	58	3.4%	301199	34	35	2.9%								
Mg	301185	1.37	1.40	2.2%	301199	1.00	1.00	0.0%								
Mn	301185	365	367	0.5%	301199	315	316	0.3%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	301185	1.27	1.23	3.2%	301199	0.73	0.80	9.2%								
Na	301185	4.37	4.18	4.4%	301199	4.01	4.10	2.2%								
Ni	301185	14.1	15.6	10.1%	301199	3.51	3.12	11.8%								
P	301185	427	454	6.1%	301199	757	740	2.3%								
Pb	301185	< 20	< 20	0.0%	301199	< 20	< 20	0.0%								
Rb	301185	< 50	< 50	0.0%	301199	< 50	< 50	0.0%								
S	301185	0.07	0.07	0.0%	301199	0.07	0.07	0.0%								
Sb	301185	< 1	< 1	0.0%	301199	< 1	< 1	0.0%								
Sc	301185	6	6	0.0%	301199	5	5	0.0%								
Se	301185	< 10	< 10	0.0%	301199	< 10	< 10	0.0%								
Sn	301185	< 5	< 5	0.0%	301199	< 5	< 5	0.0%								
Sr	301185	238	231	3.0%	301199	306	308	0.7%								
Ta	301185	< 10	< 10	0.0%	301199	< 10	< 10	0.0%								
Te	301185	< 10	< 10	0.0%	301199	< 10	< 10	0.0%								
Th	301185	< 5	< 5	0.0%	301199	< 5	< 5	0.0%								
Ti	301185	0.21	0.22	4.7%	301199	0.21	0.21	0.0%								
Tl	301185	< 5	< 5	0.0%	301199	< 5	< 5	0.0%								
U	301185	< 50	< 50	0.0%	301199	< 50	< 50	0.0%								
V	301185	36.3	39.0	7.2%	301199	30.2	29.4	2.7%								
W	301185	< 1	< 1	0.0%	301199	< 1	< 1	0.0%								
Y	301185	6	6	0.0%	301199	9	9	0.0%								
Zn	301185	46.4	46.5	0.2%	301199	57.5	59.1	2.7%								
Zr	301185	37	41	10.3%	301199	50	47	6.2%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	301149	0.007	0.006	10.6%	301161	0.006	0.008	28.6%	301174	0.003	0.004	11.7%	301199	0.004	0.003	35.4%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (REF.GTS-2A)				CRM #2 (REF.SY-4)				CRM #3 (REF.TILL-2)				CRM #4 (REF.GTS-2A)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al					10.95	11.18	102%	90% - 110%	8.17	8.49	104%	90% - 110%	6.96	7.39	106%	90% - 110%
As									26	24	92%	90% - 110%	124	118	95%	90% - 110%
Ba					340	326	96%	90% - 110%	540	524	97%	90% - 110%	186	193	104%	90% - 110%
Be					2.6	2.6	98%	90% - 110%	4.0	3	74%	90% - 110%				
Ca					5.72	5.47	96%	90% - 110%	0.907	0.879	97%	90% - 110%	4.01	4	100%	90% - 110%
Ce					122	119	97%	90% - 110%	98	103	105%	90% - 110%	24	22	90%	90% - 110%
Co	22.1	21.0	95%	90% - 110%									22.1	23	104%	90% - 110%
Cr									60.3	62.5	104%	90% - 110%				
Cu									150	151	100%	90% - 110%	88.6	87.6	99%	90% - 110%
Fe					4.34	4.06	94%	90% - 110%	3.77	3.6	95%	90% - 110%	7.56	7.42	98%	90% - 110%
Ga					35	35	99%	90% - 110%								
K					1.37	1.42	104%	90% - 110%					2.021	2.163	107%	90% - 110%
La					58	53	92%	90% - 110%	44	45	101%	90% - 110%				
Li					37	38	102%	90% - 110%	47	47	100%	90% - 110%				
Mg					0.325	0.297	91%	90% - 110%	1.10	1.07	97%	90% - 110%	2.412	2.481	103%	90% - 110%
Mn									780	748	96%	90% - 110%	1510	1486	98%	90% - 110%
Mo									14	13	92%	90% - 110%				
Na					5.267	5.356	102%	90% - 110%	1.624	1.685	104%	90% - 110%	0.617	0.665	108%	90% - 110%
Ni									32	31	98%	90% - 110%	77.1	70.2	91%	90% - 110%
P									750	751	100%	90% - 110%	892	867	97%	90% - 110%
Pb									31	28	90%	90% - 110%				
S													0.348	0.341	98%	90% - 110%
Sc					1.1	0.9	78%	90% - 110%	12	12	103%	90% - 110%				
Sr					1191	1142	96%	90% - 110%	144	147	102%	90% - 110%	92.8	91.1	98%	90% - 110%
Ti					0.172	0.17	99%	90% - 110%	0.53	0.48	90%	90% - 110%				
V					8	6	80%	90% - 110%	77	79	103%	90% - 110%				
Y					119	119	100%	90% - 110%								
Zn					93	89	95%	90% - 110%	130	119	91%	90% - 110%	208	206	99%	90% - 110%
CRM #5 (REF.SY-4)																
Parameter	Expect	Actual	Recovery	Limits												
Al	10.95	11.49	105%	90% - 110%												



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Ba	340	341	100%	90% - 110%																
Be	2.6	2.6	100%	90% - 110%																
Ca	5.72	5.66	99%	90% - 110%																
Ce	122	121	99%	90% - 110%																
Fe	4.34	4.11	95%	90% - 110%																
Ga	35	34	97%	90% - 110%																
K	1.37	1.47	107%	90% - 110%																
La	58	54	93%	90% - 110%																
Li	37	39	106%	90% - 110%																
Mg	0.325	0.312	96%	90% - 110%																
Na	5.267	5.469	104%	90% - 110%																
Sc	1.1	0.9	78%	90% - 110%																
Sr	1191	1198	101%	90% - 110%																
Ti	0.172	0.173	101%	90% - 110%																
V	8	6	77%	90% - 110%																
Y	119	123	103%	90% - 110%																
Zn	93	91	97%	90% - 110%																

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (GS5W)				CRM #2 (GS6F)				CRM #3 (1P5R)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	5.27	4.86	92%	90% - 110%	6.87	6.69	97%	90% - 110%	1.81	1.74	96%	90% - 110%				

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00667  
 SAMPLING SITE:

AGAT WORK ORDER: 19T484033  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE



CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00668

AGAT WORK ORDER: 19T484511

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jul 05, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T484511

PROJECT: AGAT00668

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Jun 24, 2019      DATE RECEIVED: Jun 25, 2019      DATE REPORTED: Jul 05, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D70027 (303245)		2.26
D70028 (303246)		3.25
D70029 (303247)		3.69
D70030 (303248)		1.08
D70031 (303249)		3.35
D70032 (303250)		0.58
D70033 (303251)		2.79
D70034 (303252)		2.36
D70035 (303253)		2.40
D70036 (303254)		2.45
D70037 (303255)		2.42
D70038 (303256)		2.42
D70039 (303257)		2.44
D70040 (303258)		2.58
D70041 (303259)		2.39
D70042 (303260)		2.72
D70043 (303261)		2.28
D70044 (303262)		2.64
D70045 (303263)		2.43
D70046 (303264)		0.07
D70047 (303265)		0.70
D70048 (303266)		1.65
D70049 (303267)		3.66
D70050 (303268)		3.69
D70051 (303269)		4.06
D70052 (303270)		0.63
D70053 (303271)		2.37
D70054 (303272)		2.60
D70055 (303273)		0.98
D70056 (303274)		2.54
D70057 (303275)		3.82

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T484511

PROJECT: AGAT00668

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Jun 24, 2019

DATE RECEIVED: Jun 25, 2019

DATE REPORTED: Jul 05, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D70058 (303276)		3.82
D70059 (303277)		1.82
D70060 (303278)		2.04
D70061 (303279)		3.68
D70062 (303280)		3.52
D70063 (303281)		3.35
D70064 (303282)		3.61
D70065 (303283)		4.07
D70066 (303284)		0.07
D70067 (303285)		4.01
D70068 (303286)		3.00
D70069 (303287)		1.58
D70070 (303288)		2.00
D70071 (303289)		3.24
D70072 (303290)		0.62
D70073 (303291)		3.67
D70074 (303292)		2.24
D70075 (303293)		2.84
D70076 (303294)		2.50
D70077 (303295)		2.59
D70078 (303296)		2.59
D70079 (303297)		2.69
D70080 (303298)		2.39
D70081 (303299)		3.34
D70082 (303300)		2.99
D70083 (303301)		1.76
D70084 (303302)		1.69
D70085 (303303)		3.55
D70086 (303304)		0.07
D70087 (303305)		2.92
D70088 (303306)		3.58

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T484511

PROJECT: AGAT00668

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (200-) Sample Login Weight

DATE SAMPLED: Jun 24, 2019

DATE RECEIVED: Jun 25, 2019

DATE REPORTED: Jul 05, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D70089 (303307)		3.87
D70090 (303308)		2.12
D70091 (303309)		2.73
D70092 (303310)		0.61
D70093 (303311)		1.06
D70094 (303312)		3.63
D70095 (303313)		4.00
D70096 (303314)		2.98
D70097 (303315)		3.78
D70098 (303316)		3.77

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T484511

PROJECT: AGAT00668

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TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 24, 2019	DATE RECEIVED: Jun 25, 2019							DATE REPORTED: Jul 05, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D70027 (303245)	<0.5	7.95	<1	327	<0.5	<1	5.79	<0.5	6	57.9	172	107	7.88	21	
D70028 (303246)	<0.5	8.80	<1	279	<0.5	<1	6.68	<0.5	6	56.8	183	98.3	8.67	23	
D70029 (303247)	<0.5	8.78	<1	258	<0.5	<1	6.66	<0.5	11	54.6	172	82.7	7.98	22	
D70030 (303248)	<0.5	7.63	<1	329	0.8	<1	6.82	<0.5	27	43.3	201	82.5	8.60	20	
D70031 (303249)	0.6	2.57	<1	855	0.7	<1	8.11	<0.5	136	90.5	660	105	8.45	15	
D70032 (303250)	<0.5	0.09	<1	18	<0.5	<1	31.8	<0.5	<1	0.5	10.4	<0.5	0.12	5	
D70033 (303251)	<0.5	8.24	<1	152	<0.5	<1	8.10	<0.5	6	50.1	146	91.5	10.4	22	
D70034 (303252)	<0.5	8.07	<1	139	<0.5	<1	7.55	<0.5	6	47.4	149	96.0	9.85	22	
D70035 (303253)	<0.5	7.95	<1	135	<0.5	<1	6.98	<0.5	7	56.8	160	91.0	9.20	22	
D70036 (303254)	<0.5	8.33	<1	119	<0.5	<1	7.16	<0.5	7	65.5	170	141	9.49	23	
D70037 (303255)	<0.5	8.19	<1	103	<0.5	<1	7.06	<0.5	6	57.5	147	85.8	9.08	22	
D70038 (303256)	<0.5	8.07	<1	103	<0.5	<1	6.99	<0.5	6	58.7	147	83.0	9.13	23	
D70039 (303257)	<0.5	7.74	<1	100	<0.5	<1	7.75	<0.5	6	53.2	143	121	9.95	21	
D70040 (303258)	<0.5	7.86	<1	139	<0.5	<1	7.57	<0.5	6	50.6	141	81.9	10.1	21	
D70041 (303259)	<0.5	7.36	<1	108	<0.5	<1	7.53	<0.5	7	52.5	111	272	11.9	23	
D70042 (303260)	<0.5	7.34	<1	104	<0.5	<1	7.65	<0.5	8	51.7	106	354	11.2	24	
D70043 (303261)	<0.5	7.33	<1	102	<0.5	<1	7.93	<0.5	7	54.0	108	193	11.6	24	
D70044 (303262)	<0.5	7.35	<1	76	<0.5	<1	7.44	<0.5	7	56.8	112	237	13.0	21	
D70045 (303263)	<0.5	7.86	<1	128	<0.5	<1	7.73	<0.5	8	57.0	158	77.0	9.79	23	
D70046 (303264)	<0.5	7.55	2	84	<0.5	<1	7.15	<0.5	5	44.9	149	154	6.94	18	
D70047 (303265)	<0.5	4.80	<1	78	<0.5	<1	6.08	<0.5	4	34.0	125	142	7.04	15	
D70048 (303266)	<0.5	7.99	<1	254	<0.5	<1	7.08	<0.5	7	56.8	140	120	9.69	22	
D70049 (303267)	<0.5	8.23	<1	415	<0.5	<1	6.04	<0.5	9	56.1	122	144	9.06	22	
D70050 (303268)	<0.5	7.12	<1	845	2.4	<1	8.36	<0.5	71	37.2	306	16.3	6.65	19	
D70051 (303269)	<0.5	7.55	<1	344	0.9	<1	7.06	<0.5	25	46.6	208	77.5	8.18	22	
D70052 (303270)	<0.5	0.09	<1	23	<0.5	<1	30.8	<0.5	1	0.5	6.5	<0.5	0.14	5	
D70053 (303271)	<0.5	7.97	<1	108	<0.5	<1	6.96	<0.5	6	50.3	153	75.2	8.03	21	
D70054 (303272)	<0.5	8.11	<1	80	<0.5	<1	7.46	<0.5	6	50.2	177	105	8.25	21	
D70055 (303273)	<0.5	8.05	<1	92	0.6	<1	6.77	<0.5	4	39.5	144	90.0	8.06	21	
D70056 (303274)	<0.5	8.01	<1	134	<0.5	<1	7.63	<0.5	7	49.7	145	116	9.58	22	
D70057 (303275)	<0.5	8.36	<1	116	<0.5	<1	7.85	<0.5	7	54.6	87.3	117	10.7	23	
D70058 (303276)	<0.5	8.06	<1	110	<0.5	<1	7.63	<0.5	7	54.4	112	132	10.4	24	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T484511

PROJECT: AGAT00668

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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TEL (905)501-9998  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 24, 2019	DATE RECEIVED: Jun 25, 2019							DATE REPORTED: Jul 05, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D70059 (303277)	<0.5	7.86	<1	187	<0.5	<1	7.51	<0.5	7	49.7	144	53.1	9.74	23	
D70060 (303278)	<0.5	7.61	<1	338	<0.5	<1	7.16	<0.5	9	47.8	152	78.8	9.44	22	
D70061 (303279)	<0.5	7.97	<1	332	<0.5	<1	7.17	<0.5	10	49.3	138	152	9.54	22	
D70062 (303280)	<0.5	7.89	<1	208	<0.5	<1	6.27	<0.5	16	44.6	110	78.1	8.34	21	
D70063 (303281)	<0.5	7.97	<1	202	<0.5	<1	6.13	<0.5	12	44.2	106	97.5	8.47	21	
D70064 (303282)	<0.5	7.91	<1	116	<0.5	<1	6.89	<0.5	10	47.4	106	102	8.41	21	
D70065 (303283)	<0.5	8.11	<1	132	<0.5	<1	7.48	<0.5	5	48.8	50.5	91.3	8.86	22	
D70066 (303284)	<0.5	7.70	<1	188	<0.5	<1	6.28	<0.5	19	49.5	124	106	7.33	22	
D70067 (303285)	<0.5	8.16	<1	92	<0.5	<1	8.01	<0.5	5	50.1	49.8	125	9.30	21	
D70068 (303286)	<0.5	8.55	<1	39	<0.5	<1	8.76	<0.5	5	51.2	46.7	98.8	9.63	24	
D70069 (303287)	<0.5	6.96	<1	39	1.7	<1	8.18	<0.5	6	24.1	49.9	50.0	5.01	20	
D70070 (303288)	<0.5	7.97	<1	48	0.9	<1	8.75	<0.5	4	43.1	45.1	172	8.19	22	
D70071 (303289)	<0.5	8.55	<1	122	<0.5	<1	10.3	<0.5	8	51.7	58.0	112	9.56	23	
D70072 (303290)	<0.5	0.07	2	17	<0.5	<1	32.4	<0.5	1	0.5	3.3	<0.5	0.10	6	
D70073 (303291)	<0.5	8.43	<1	152	<0.5	<1	7.68	<0.5	5	49.4	48.3	87.4	9.07	23	
D70074 (303292)	<0.5	8.31	<1	127	<0.5	<1	7.44	<0.5	4	49.2	50.4	64.0	9.57	21	
D70075 (303293)	<0.5	8.09	<1	165	<0.5	<1	7.81	<0.5	6	49.1	56.1	259	9.30	21	
D70076 (303294)	<0.5	8.12	<1	99	<0.5	<1	8.17	<0.5	3	44.4	59.4	69.2	8.74	19	
D70077 (303295)	<0.5	8.01	<1	96	<0.5	<1	8.30	<0.5	4	45.8	59.5	143	8.34	20	
D70078 (303296)	<0.5	7.93	<1	94	<0.5	<1	8.18	<0.5	4	45.2	60.8	135	8.24	19	
D70079 (303297)	<0.5	7.96	<1	111	<0.5	<1	8.17	<0.5	4	42.9	57.5	95.1	9.31	20	
D70080 (303298)	<0.5	7.87	<1	122	<0.5	<1	8.13	<0.5	4	44.3	55.3	208	9.21	19	
D70081 (303299)	<0.5	7.97	<1	104	<0.5	<1	7.75	<0.5	6	46.6	44.7	75.8	8.57	19	
D70082 (303300)	<0.5	6.04	<1	575	0.6	<1	8.07	<0.5	113	55.8	182	68.4	7.94	20	
D70083 (303301)	<0.5	8.08	<1	121	<0.5	<1	6.85	<0.5	12	52.4	51.1	69.0	9.26	22	
D70084 (303302)	<0.5	8.86	<1	159	<0.5	<1	8.01	<0.5	5	51.1	49.5	124	9.17	22	
D70085 (303303)	<0.5	8.10	<1	135	<0.5	<1	7.83	<0.5	4	46.5	54.4	148	8.64	19	
D70086 (303304)	<0.5	7.73	<1	149	<0.5	<1	6.73	<0.5	6	46.3	133	160	7.63	20	
D70087 (303305)	<0.5	8.27	<1	256	<0.5	<1	6.99	<0.5	5	47.4	46.4	109	9.05	21	
D70088 (303306)	<0.5	7.65	<1	165	<0.5	<1	6.16	<0.5	5	47.7	52.3	115	8.73	21	
D70089 (303307)	<0.5	8.48	<1	97	<0.5	<1	6.99	<0.5	4	47.6	49.7	121	9.18	22	
D70090 (303308)	<0.5	7.58	<1	59	<0.5	<1	7.22	<0.5	4	44.8	49.8	186	8.19	21	

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## Certificate of Analysis

AGAT WORK ORDER: 19T484511

PROJECT: AGAT00668

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 24, 2019	DATE RECEIVED: Jun 25, 2019						DATE REPORTED: Jul 05, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5
D70091 (303309)	<0.5	7.86	<1	131	<0.5	<1	8.37	<0.5	7	41.3	60.1	186	8.72	20
D70092 (303310)	<0.5	0.09	2	16	<0.5	<1	33.1	<0.5	1	0.5	2.7	<0.5	0.09	6
D70093 (303311)	<0.5	2.91	<1	1010	0.8	<1	10.2	<0.5	154	87.2	583	88.4	7.68	20
D70094 (303312)	<0.5	7.82	<1	115	0.8	<1	6.53	<0.5	5	42.5	59.5	60.2	8.20	19
D70095 (303313)	<0.5	8.20	<1	96	<0.5	<1	8.34	<0.5	4	46.7	56.0	109	8.97	22
D70096 (303314)	<0.5	8.41	<1	48	<0.5	<1	8.31	<0.5	5	50.1	50.8	103	9.00	22
D70097 (303315)	<0.5	8.46	<1	63	<0.5	<1	9.10	<0.5	5	52.3	51.4	127	8.81	21
D70098 (303316)	<0.5	8.57	<1	65	<0.5	<1	9.07	<0.5	5	51.6	48.3	123	8.83	23

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 24, 2019

DATE RECEIVED: Jun 25, 2019

DATE REPORTED: Jul 05, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D70027 (303245)		<1	0.79	5	27	3.03	1480	<0.5	2.21	105	319	<20	<50	0.10	<1
D70028 (303246)		<1	0.83	5	23	2.94	1470	<0.5	2.33	93.1	430	<20	<50	0.10	<1
D70029 (303247)		<1	0.67	7	24	3.08	1450	<0.5	2.57	91.5	548	<20	<50	0.09	<1
D70030 (303248)		<1	0.70	16	42	3.99	2140	0.6	3.29	74.8	960	<20	<50	0.09	<1
D70031 (303249)		<1	1.79	78	12	12.0	1520	1.2	1.00	599	2630	<20	<50	0.20	<1
D70032 (303250)		3	0.02	<2	1	3.04	75	<0.5	0.05	<0.5	98	<20	<50	0.04	<1
D70033 (303251)		<1	0.56	6	21	3.03	2360	<0.5	2.08	67.4	379	<20	<50	0.11	<1
D70034 (303252)		<1	0.45	5	15	2.71	2260	<0.5	2.01	64.5	366	<20	<50	0.10	<1
D70035 (303253)		<1	0.41	5	16	2.25	1930	<0.5	2.00	76.5	397	<20	<50	0.09	<1
D70036 (303254)		<1	0.46	6	19	2.15	2210	<0.5	2.16	91.2	517	<20	<50	0.14	<1
D70037 (303255)		<1	0.35	5	16	2.26	2020	<0.5	2.09	81.9	376	<20	<50	0.09	<1
D70038 (303256)		<1	0.35	5	16	2.23	2010	<0.5	2.11	83.7	367	<20	<50	0.09	<1
D70039 (303257)		<1	0.33	5	14	2.24	2480	<0.5	1.75	72.9	426	<20	<50	0.12	<1
D70040 (303258)		<1	0.37	6	15	2.37	2330	<0.5	1.70	66.3	373	<20	<50	0.10	<1
D70041 (303259)		<1	0.44	6	21	2.61	2790	<0.5	1.48	58.8	440	<20	<50	0.45	<1
D70042 (303260)		<1	0.37	6	15	2.60	2670	0.9	1.50	55.1	441	<20	<50	0.32	<1
D70043 (303261)		<1	0.38	6	15	2.50	2470	<0.5	1.39	57.0	477	<20	<50	0.38	<1
D70044 (303262)		<1	0.60	7	15	2.86	3080	<0.5	1.34	67.2	438	<20	<50	0.60	<1
D70045 (303263)		<1	0.62	6	12	2.22	2190	<0.5	1.63	85.6	420	<20	<50	0.12	<1
D70046 (303264)		<1	0.24	5	13	4.32	1270	<0.5	1.66	98.8	348	<20	<50	0.21	<1
D70047 (303265)		<1	0.42	4	8	1.74	1570	<0.5	1.11	54.8	206	<20	<50	0.16	<1
D70048 (303266)		<1	1.08	6	19	2.35	1760	<0.5	2.02	87.3	426	<20	<50	0.13	<1
D70049 (303267)		<1	1.50	6	23	3.32	1620	<0.5	2.47	103	475	<20	<50	0.14	<1
D70050 (303268)		<1	1.67	34	28	5.51	1390	3.0	1.98	81.9	2090	<20	<50	0.01	<1
D70051 (303269)		<1	0.71	13	18	4.10	1450	<0.5	2.06	95.2	868	<20	<50	0.07	<1
D70052 (303270)		1	0.02	<2	1	4.12	91	<0.5	0.05	0.6	100	<20	<50	0.05	<1
D70053 (303271)		<1	0.53	5	21	3.02	1300	<0.5	1.50	94.8	350	<20	<50	0.07	<1
D70054 (303272)		<1	0.54	5	16	2.76	1520	<0.5	1.45	85.3	390	<20	<50	0.09	<1
D70055 (303273)		<1	1.80	4	14	2.74	1370	<0.5	3.04	69.6	241	<20	<50	0.08	<1
D70056 (303274)		<1	0.76	6	14	2.43	1930	<0.5	1.44	73.0	402	<20	<50	0.11	<1
D70057 (303275)		<1	0.59	6	18	2.87	2000	<0.5	1.75	72.0	450	<20	<50	0.18	<1
D70058 (303276)		<1	0.56	6	17	2.74	1940	<0.5	1.70	72.9	481	<20	<50	0.19	<1

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 24, 2019	DATE RECEIVED: Jun 25, 2019					DATE REPORTED: Jul 05, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D70059 (303277)	<1	0.66	5	18	2.58	2040	<0.5	1.63	68.3	429	<20	<50	0.09	<1	
D70060 (303278)	<1	0.69	6	16	2.39	2120	<0.5	1.52	65.8	424	<20	<50	0.11	<1	
D70061 (303279)	<1	0.87	7	21	2.63	2010	<0.5	1.67	64.7	462	<20	<50	0.18	<1	
D70062 (303280)	<1	0.63	9	24	3.65	1340	<0.5	2.12	47.9	600	<20	<50	0.07	<1	
D70063 (303281)	<1	0.55	7	25	3.95	1450	<0.5	1.90	57.0	478	<20	<50	0.10	<1	
D70064 (303282)	<1	0.28	7	21	3.85	1480	<0.5	1.56	69.5	429	<20	<50	0.10	<1	
D70065 (303283)	<1	0.29	5	20	3.44	1470	<0.5	1.60	73.5	300	<20	<50	0.09	<1	
D70066 (303284)	<1	0.45	11	10	4.24	1300	<0.5	2.39	106	906	<20	<50	0.11	<1	
D70067 (303285)	<1	0.24	5	19	3.19	1700	<0.5	1.67	75.6	288	<20	<50	0.13	<1	
D70068 (303286)	<1	0.22	5	18	3.02	1810	<0.5	1.95	78.2	315	<20	<50	0.09	<1	
D70069 (303287)	<1	1.83	4	21	1.86	1020	<0.5	3.45	44.3	83	<20	<50	0.04	<1	
D70070 (303288)	<1	1.22	4	17	2.36	1950	<0.5	2.59	68.2	226	<20	<50	0.15	<1	
D70071 (303289)	<1	0.56	6	15	2.24	2310	<0.5	1.33	76.9	372	<20	<50	0.12	<1	
D70072 (303290)	2	0.01	<2	<1	2.54	59	<0.5	0.04	<0.5	84	<20	<50	0.06	<1	
D70073 (303291)	<1	0.62	4	21	3.69	1570	<0.5	1.83	74.9	285	<20	<50	0.09	<1	
D70074 (303292)	<1	0.51	5	17	3.75	1990	<0.5	1.55	74.8	278	<20	<50	0.07	<1	
D70075 (303293)	<1	0.37	5	16	3.30	2080	<0.5	1.47	75.0	297	<20	<50	0.26	<1	
D70076 (303294)	<1	0.30	4	15	3.78	1920	<0.5	1.57	71.8	208	<20	<50	0.06	<1	
D70077 (303295)	<1	0.34	4	16	3.74	1810	<0.5	1.72	73.7	262	<20	<50	0.14	<1	
D70078 (303296)	<1	0.33	4	15	3.69	1780	<0.5	1.69	72.9	259	<20	<50	0.13	<1	
D70079 (303297)	<1	0.33	4	17	3.79	1980	<0.5	1.59	68.3	256	<20	<50	0.11	<1	
D70080 (303298)	<1	0.35	5	17	3.61	2070	<0.5	1.48	67.0	221	<20	<50	0.19	<1	
D70081 (303299)	<1	0.35	6	17	3.81	1690	<0.5	1.86	62.4	264	<20	<50	0.09	<1	
D70082 (303300)	<1	1.02	58	28	6.41	1290	<0.5	1.94	129	1630	<20	<50	0.17	<1	
D70083 (303301)	<1	0.52	11	17	3.60	1820	<0.5	2.02	82.8	334	<20	<50	0.09	<1	
D70084 (303302)	<1	0.62	5	17	3.27	1930	<0.5	1.84	76.8	301	<20	<50	0.14	<1	
D70085 (303303)	<1	0.49	4	17	3.53	2040	<0.5	1.60	73.8	270	<20	<50	0.15	<1	
D70086 (303304)	<1	0.21	5	12	4.35	1380	<0.5	2.41	83.5	402	<20	<50	0.17	<1	
D70087 (303305)	<1	1.00	5	22	3.97	1710	<0.5	1.59	66.1	308	<20	<50	0.08	<1	
D70088 (303306)	<1	0.81	5	19	4.41	1430	<0.5	1.48	78.8	296	<20	<50	0.06	<1	
D70089 (303307)	<1	0.55	4	21	4.63	1530	<0.5	1.56	76.2	340	<20	<50	0.11	<1	
D70090 (303308)	<1	0.71	4	18	4.27	1460	<0.5	1.61	73.1	213	<20	<50	0.14	<1	

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## Certificate of Analysis

AGAT WORK ORDER: 19T484511

PROJECT: AGAT00668

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 24, 2019	DATE RECEIVED: Jun 25, 2019					DATE REPORTED: Jul 05, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:														
D70091 (303309)	<1	0.66	6	21	3.84	2050	<0.5	1.10	68.6	274	<20	<50	0.30	<1	
D70092 (303310)	2	0.03	<2	<1	1.63	46	<0.5	0.04	<0.5	92	<20	<50	0.06	<1	
D70093 (303311)	<1	1.81	75	51	8.99	1340	1.6	0.51	526	2630	<20	<50	0.23	<1	
D70094 (303312)	<1	0.45	5	43	4.32	1610	<0.5	2.05	72.4	275	<20	<50	0.05	<1	
D70095 (303313)	<1	0.31	4	18	3.62	1890	<0.5	1.45	74.7	295	<20	<50	0.11	<1	
D70096 (303314)	<1	0.17	5	16	2.93	1740	<0.5	1.64	76.7	299	<20	<50	0.10	<1	
D70097 (303315)	<1	0.19	5	16	2.49	1800	<0.5	1.71	78.9	396	<20	<50	0.14	<1	
D70098 (303316)	<1	0.19	5	16	2.55	1810	<0.5	1.72	79.2	387	<20	<50	0.13	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 24, 2019

DATE RECEIVED: Jun 25, 2019

DATE REPORTED: Jul 05, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D70027 (303245)	46	<10	<5	141	<10	<10	<5	0.66	<5	<50	306	<1	26	103
D70028 (303246)	48	<10	<5	123	<10	<10	<5	0.74	<5	<50	323	<1	29	99.1
D70029 (303247)	47	<10	<5	223	<10	<10	<5	0.70	<5	<50	312	<1	27	102
D70030 (303248)	38	<10	<5	386	<10	<10	<5	0.66	<5	<50	266	<1	27	93.9
D70031 (303249)	19	<10	<5	800	<10	<10	<5	1.81	<5	<50	250	<1	23	79.7
D70032 (303250)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	2.4	1	2	3.9
D70033 (303251)	49	<10	<5	183	<10	<10	<5	0.78	<5	<50	353	<1	31	111
D70034 (303252)	49	<10	<5	133	<10	<10	<5	0.74	<5	<50	336	<1	31	104
D70035 (303253)	48	<10	<5	126	<10	<10	<5	0.75	<5	<50	329	<1	31	98.8
D70036 (303254)	52	<10	<5	133	<10	<10	<5	0.78	<5	<50	361	<1	34	104
D70037 (303255)	49	<10	<5	116	<10	<10	<5	0.77	<5	<50	335	<1	31	106
D70038 (303256)	49	<10	<5	116	<10	<10	<5	0.76	<5	<50	340	<1	31	107
D70039 (303257)	47	<10	<5	124	<10	<10	<5	0.74	<5	<50	323	<1	34	94.4
D70040 (303258)	47	<10	<5	134	<10	<10	<5	0.75	<5	<50	324	<1	32	89.5
D70041 (303259)	45	<10	<5	133	<10	<10	<5	0.84	<5	<50	327	<1	33	287
D70042 (303260)	47	<10	<5	124	<10	<10	<5	0.89	<5	<50	339	<1	35	252
D70043 (303261)	48	<10	<5	118	<10	10	<5	0.89	<5	<50	343	<1	35	238
D70044 (303262)	45	<10	<5	118	<10	10	<5	0.86	<5	<50	322	<1	35	300
D70045 (303263)	50	<10	<5	129	<10	<10	<5	0.74	<5	<50	341	<1	36	130
D70046 (303264)	42	<10	<5	166	<10	<10	<5	0.57	<5	<50	275	<1	20	70.7
D70047 (303265)	27	<10	<5	60	<10	<10	<5	0.45	<5	<50	171	<1	22	71.2
D70048 (303266)	51	<10	<5	95	<10	<10	<5	0.75	<5	<50	337	<1	33	117
D70049 (303267)	47	<10	<5	336	<10	<10	<5	0.74	<5	<50	321	<1	30	94.1
D70050 (303268)	34	<10	<5	418	<10	<10	<5	0.44	<5	<50	213	<1	32	88.6
D70051 (303269)	42	<10	<5	225	<10	<10	<5	0.59	<5	<50	267	<1	29	91.8
D70052 (303270)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	3.2	1	2	3.7
D70053 (303271)	45	<10	<5	124	<10	<10	<5	0.64	<5	<50	295	<1	26	93.2
D70054 (303272)	46	<10	<5	134	<10	<10	<5	0.67	<5	<50	307	<1	27	92.2
D70055 (303273)	41	<10	<5	181	<10	<10	<5	0.51	<5	<50	238	<1	19	85.1
D70056 (303274)	48	<10	<5	144	<10	<10	<5	0.74	<5	<50	328	<1	31	91.5
D70057 (303275)	48	<10	<5	149	<10	<10	<5	0.86	<5	<50	339	<1	32	127
D70058 (303276)	49	<10	<5	144	<10	<10	<5	0.82	<5	<50	343	<1	33	122

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 24, 2019	DATE RECEIVED: Jun 25, 2019					DATE REPORTED: Jul 05, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D70059 (303277)	48	<10	<5	201	<10	<10	<5	0.74	<5	<50	331	<1	31	100	
D70060 (303278)	43	<10	<5	208	<10	<10	<5	0.70	<5	<50	298	<1	28	90.3	
D70061 (303279)	45	<10	<5	161	<10	<10	<5	0.75	<5	<50	310	<1	30	101	
D70062 (303280)	42	<10	<5	231	<10	<10	<5	0.62	<5	<50	292	<1	23	95.0	
D70063 (303281)	42	<10	<5	185	<10	<10	<5	0.60	<5	<50	285	<1	24	94.6	
D70064 (303282)	45	<10	<5	170	<10	<10	<5	0.58	<5	<50	298	<1	24	91.4	
D70065 (303283)	48	<10	<5	150	<10	<10	<5	0.62	<5	<50	318	<1	25	95.4	
D70066 (303284)	35	<10	<5	244	<10	<10	<5	0.82	<5	<50	239	<1	23	85.3	
D70067 (303285)	49	<10	<5	140	<10	11	<5	0.62	<5	<50	324	<1	25	95.2	
D70068 (303286)	48	<10	<5	149	<10	<10	<5	0.64	<5	<50	319	<1	25	96.2	
D70069 (303287)	38	<10	<5	187	<10	<10	<5	0.29	<5	<50	179	<1	15	54.5	
D70070 (303288)	47	<10	<5	178	<10	<10	<5	0.53	<5	<50	281	<1	23	78.4	
D70071 (303289)	49	<10	<5	111	<10	<10	<5	0.64	<5	<50	321	<1	26	94.7	
D70072 (303290)	<1	<10	<5	73	<10	<10	<5	<0.01	<5	<50	2.2	1	2	4.8	
D70073 (303291)	48	<10	<5	144	<10	<10	<5	0.63	<5	<50	319	<1	25	89.6	
D70074 (303292)	47	<10	<5	153	<10	10	<5	0.61	<5	<50	319	<1	25	89.7	
D70075 (303293)	47	<10	<5	137	<10	<10	<5	0.56	<5	<50	305	<1	24	93.8	
D70076 (303294)	49	<10	<5	114	<10	<10	<5	0.50	<5	<50	281	<1	20	85.5	
D70077 (303295)	52	<10	<5	132	<10	<10	<5	0.50	<5	<50	289	<1	21	84.4	
D70078 (303296)	50	<10	<5	130	<10	<10	<5	0.49	<5	<50	280	<1	21	88.5	
D70079 (303297)	48	<10	<5	123	<10	<10	<5	0.51	<5	<50	283	<1	20	87.6	
D70080 (303298)	47	<10	<5	109	<10	<10	<5	0.48	<5	<50	267	<1	20	92.7	
D70081 (303299)	51	<10	<5	142	<10	<10	<5	0.53	<5	<50	298	<1	23	87.9	
D70082 (303300)	41	<10	<5	462	<10	<10	<5	1.19	<5	<50	266	<1	24	76.1	
D70083 (303301)	51	<10	<5	151	<10	<10	<5	0.61	<5	<50	339	<1	26	86.2	
D70084 (303302)	50	<10	<5	168	<10	<10	<5	0.65	<5	<50	332	<1	26	88.4	
D70085 (303303)	49	<10	<5	147	<10	<10	<5	0.53	<5	<50	293	<1	22	92.8	
D70086 (303304)	46	<10	<5	115	<10	<10	<5	0.66	<5	<50	305	<1	23	76.5	
D70087 (303305)	47	<10	<5	137	<10	10	<5	0.63	<5	<50	312	<1	24	90.5	
D70088 (303306)	47	<10	<5	159	<10	<10	<5	0.57	<5	<50	310	<1	25	85.2	
D70089 (303307)	47	<10	<5	124	<10	<10	<5	0.60	<5	<50	300	<1	24	97.6	
D70090 (303308)	47	<10	<5	95	<10	<10	<5	0.45	<5	<50	263	<1	20	102	

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## Certificate of Analysis

AGAT WORK ORDER: 19T484511

PROJECT: AGAT00668

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 24, 2019	DATE RECEIVED: Jun 25, 2019					DATE REPORTED: Jul 05, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D70091 (303309)	45	<10	<5	105	<10	<10	<5	0.49	<5	<50	256	<1	20	105	
D70092 (303310)	<1	<10	<5	78	<10	<10	<5	<0.01	<5	<50	2.7	1	2	3.3	
D70093 (303311)	22	<10	<5	527	<10	<10	<5	1.82	<5	<50	254	<1	23	73.8	
D70094 (303312)	50	<10	<5	104	<10	<10	<5	0.46	<5	<50	266	<1	19	79.8	
D70095 (303313)	49	<10	<5	123	<10	<10	<5	0.57	<5	<50	296	<1	22	88.5	
D70096 (303314)	48	<10	<5	130	<10	<10	<5	0.63	<5	<50	310	<1	25	94.3	
D70097 (303315)	49	<10	<5	130	<10	<10	<5	0.65	<5	<50	330	<1	26	95.2	
D70098 (303316)	49	<10	<5	130	<10	<10	<5	0.66	<5	<50	329	<1	26	95.8	

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## Certificate of Analysis

AGAT WORK ORDER: 19T484511

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 24, 2019      DATE RECEIVED: Jun 25, 2019      DATE REPORTED: Jul 05, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Concentration (ppm)
	Zr	ppm	5	
D70027 (303245)				13
D70028 (303246)				12
D70029 (303247)				27
D70030 (303248)				68
D70031 (303249)				218
D70032 (303250)				<5
D70033 (303251)				18
D70034 (303252)				15
D70035 (303253)				16
D70036 (303254)				17
D70037 (303255)				15
D70038 (303256)				14
D70039 (303257)				17
D70040 (303258)				16
D70041 (303259)				22
D70042 (303260)				18
D70043 (303261)				18
D70044 (303262)				20
D70045 (303263)				17
D70046 (303264)				42
D70047 (303265)				10
D70048 (303266)				16
D70049 (303267)				21
D70050 (303268)				102
D70051 (303269)				47
D70052 (303270)				<5
D70053 (303271)				12
D70054 (303272)				14
D70055 (303273)				18
D70056 (303274)				15
D70057 (303275)				16
D70058 (303276)				16

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## Certificate of Analysis

AGAT WORK ORDER: 19T484511

PROJECT: AGAT00668

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 24, 2019      DATE RECEIVED: Jun 25, 2019      DATE REPORTED: Jul 05, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D70059 (303277)				16
D70060 (303278)				15
D70061 (303279)				16
D70062 (303280)				37
D70063 (303281)				30
D70064 (303282)				17
D70065 (303283)				13
D70066 (303284)				76
D70067 (303285)				14
D70068 (303286)				14
D70069 (303287)				27
D70070 (303288)				20
D70071 (303289)				18
D70072 (303290)				<5
D70073 (303291)				14
D70074 (303292)				14
D70075 (303293)				14
D70076 (303294)				11
D70077 (303295)				11
D70078 (303296)				12
D70079 (303297)				11
D70080 (303298)				11
D70081 (303299)				13
D70082 (303300)				147
D70083 (303301)				17
D70084 (303302)				13
D70085 (303303)				12
D70086 (303304)				49
D70087 (303305)				13
D70088 (303306)				15
D70089 (303307)				15
D70090 (303308)				11

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## Certificate of Analysis

AGAT WORK ORDER: 19T484511

PROJECT: AGAT00668

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 24, 2019      DATE RECEIVED: Jun 25, 2019      DATE REPORTED: Jul 05, 2019      SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D70091 (303309)	14
D70092 (303310)	<5
D70093 (303311)	129
D70094 (303312)	15
D70095 (303313)	12
D70096 (303314)	13
D70097 (303315)	15
D70098 (303316)	14

Comments: RDL - Reported Detection Limit  
 303245-303316 As, Sb values may be low due to digestion losses.  
 Analysis performed at AGAT Toronto (unless marked by \*)

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## Certificate of Analysis

AGAT WORK ORDER: 19T484511

PROJECT: AGAT00668

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 24, 2019      DATE RECEIVED: Jun 25, 2019      DATE REPORTED: Jul 05, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D70027 (303245)		0.003	
D70028 (303246)		0.002	
D70029 (303247)		0.002	
D70030 (303248)		0.002	
D70031 (303249)		0.004	
D70032 (303250)		<0.001	
D70033 (303251)		0.002	
D70034 (303252)		0.006	
D70035 (303253)		0.005	
D70036 (303254)		0.007	
D70037 (303255)		0.002	
D70038 (303256)		0.002	
D70039 (303257)		0.003	
D70040 (303258)		0.003	
D70041 (303259)		0.005	
D70042 (303260)		0.006	
D70043 (303261)		0.005	
D70044 (303262)		0.006	
D70045 (303263)		0.003	
D70046 (303264)		1.20	
D70047 (303265)		0.004	
D70048 (303266)		0.004	
D70049 (303267)		0.002	
D70050 (303268)		0.004	
D70051 (303269)		0.002	
D70052 (303270)		<0.001	
D70053 (303271)		0.002	
D70054 (303272)		0.002	
D70055 (303273)		0.002	
D70056 (303274)		0.005	
D70057 (303275)		0.003	
D70058 (303276)		0.002	

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## Certificate of Analysis

AGAT WORK ORDER: 19T484511

PROJECT: AGAT00668

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 24, 2019      DATE RECEIVED: Jun 25, 2019      DATE REPORTED: Jul 05, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D70059 (303277)		0.004	
D70060 (303278)		0.003	
D70061 (303279)		0.003	
D70062 (303280)		0.002	
D70063 (303281)		0.008	
D70064 (303282)		0.004	
D70065 (303283)		0.002	
D70066 (303284)		0.329	
D70067 (303285)		0.003	
D70068 (303286)		0.003	
D70069 (303287)		0.002	
D70070 (303288)		0.004	
D70071 (303289)		0.002	
D70072 (303290)		0.001	
D70073 (303291)		0.002	
D70074 (303292)		0.002	
D70075 (303293)		0.004	
D70076 (303294)		0.002	
D70077 (303295)		0.003	
D70078 (303296)		0.003	
D70079 (303297)		0.004	
D70080 (303298)		0.005	
D70081 (303299)		0.003	
D70082 (303300)		0.004	
D70083 (303301)		0.002	
D70084 (303302)		0.003	
D70085 (303303)		0.003	
D70086 (303304)		0.544	
D70087 (303305)		0.002	
D70088 (303306)		0.002	
D70089 (303307)		0.004	
D70090 (303308)		0.005	

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## Certificate of Analysis

AGAT WORK ORDER: 19T484511

PROJECT: AGAT00668

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 24, 2019      DATE RECEIVED: Jun 25, 2019      DATE REPORTED: Jul 05, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D70091 (303309)			0.005
D70092 (303310)			0.001
D70093 (303311)			0.003
D70094 (303312)			0.005
D70095 (303313)			0.002
D70096 (303314)			0.002
D70097 (303315)			0.002
D70098 (303316)			0.012

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

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## Certificate of Analysis

AGAT WORK ORDER: 19T484511

PROJECT: AGAT00668

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Jun 24, 2019      DATE RECEIVED: Jun 25, 2019      DATE REPORTED: Jul 05, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D70027 (303245)		83.93
D70045 (303263)		82.86
D70063 (303281)		87.45
D70065 (303283)		88.93
D70085 (303303)		85.71

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T484511

PROJECT: AGAT00668

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jun 24, 2019

DATE RECEIVED: Jun 25, 2019

DATE REPORTED: Jul 05, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D70027 (303245)		86.98
D70063 (303281)		85.59

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	303245	< 0.5	< 0.5	0.0%	303259	< 0.5	< 0.5	0.0%	303270	< 0.5	< 0.5	0.0%	303285	< 0.5	< 0.5	0.0%
Al	303245	7.95	8.29	4.2%	303259	7.36	7.03	4.6%	303270	0.09	0.09	0.0%	303285	8.16	8.50	4.1%
As	303245	< 1	< 1	0.0%	303259	< 1	< 1	0.0%	303270	< 1	2		303285	< 1	< 1	0.0%
Ba	303245	327	326	0.3%	303259	108	102	5.7%	303270	23	24	4.3%	303285	92	97	5.3%
Be	303245	< 0.5	< 0.5	0.0%	303259	< 0.5	< 0.5	0.0%	303270	< 0.5	< 0.5	0.0%	303285	< 0.5	< 0.5	0.0%
Bi	303245	< 1	< 1	0.0%	303259	< 1	< 1	0.0%	303270	< 1	< 1	0.0%	303285	< 1	< 1	0.0%
Ca	303245	5.79	6.02	3.9%	303259	7.53	7.32	2.8%	303270	30.8	31.7	2.9%	303285	8.01	8.25	3.0%
Cd	303245	< 0.5	< 0.5	0.0%	303259	< 0.5	< 0.5	0.0%	303270	< 0.5	< 0.5	0.0%	303285	< 0.5	< 0.5	0.0%
Ce	303245	6	5	18.2%	303259	7	7	0.0%	303270	1	< 1		303285	5	4	22.2%
Co	303245	57.9	57.8	0.2%	303259	52.5	52.4	0.2%	303270	0.5	0.4	22.2%	303285	50.1	50.7	1.2%
Cr	303245	172	165	4.2%	303259	111	115	3.5%	303270	6.5	7.9	19.4%	303285	49.8	46.5	6.9%
Cu	303245	107	106	0.9%	303259	272	271	0.4%	303270	< 0.5	< 0.5	0.0%	303285	125	128	2.4%
Fe	303245	7.88	8.15	3.4%	303259	11.9	11.6	2.6%	303270	0.140	0.148	5.6%	303285	9.30	9.56	2.8%
Ga	303245	21	21	0.0%	303259	23	23	0.0%	303270	5	6	18.2%	303285	21	21	0.0%
In	303245	< 1	< 1	0.0%	303259	< 1	< 1	0.0%	303270	1	1	0.0%	303285	< 1	< 1	0.0%
K	303245	0.794	0.808	1.7%	303259	0.436	0.413	5.4%	303270	0.02	0.02	0.0%	303285	0.24	0.25	4.1%
La	303245	5	5	0.0%	303259	6	6	0.0%	303270	< 2	< 2	0.0%	303285	5	5	0.0%
Li	303245	27	27	0.0%	303259	21	20	4.9%	303270	1	1	0.0%	303285	19	19	0.0%
Mg	303245	3.03	3.15	3.9%	303259	2.61	2.49	4.7%	303270	4.12	4.08	1.0%	303285	3.19	3.30	3.4%
Mn	303245	1480	1540	4.0%	303259	2790	2680	4.0%	303270	91	89	2.2%	303285	1700	1780	4.6%
Mo	303245	< 0.5	< 0.5	0.0%	303259	< 0.5	< 0.5	0.0%	303270	< 0.5	< 0.5	0.0%	303285	< 0.5	< 0.5	0.0%
Na	303245	2.21	2.29	3.6%	303259	1.48	1.43	3.4%	303270	0.05	0.05	0.0%	303285	1.67	1.73	3.5%
Ni	303245	105	104	1.0%	303259	58.8	58.1	1.2%	303270	0.6	< 0.5		303285	75.6	76.4	1.1%
P	303245	319	345	7.8%	303259	440	460	4.4%	303270	100	99	1.0%	303285	288	290	0.7%
Pb	303245	< 20	< 20	0.0%	303259	< 20	< 20	0.0%	303270	< 20	< 20	0.0%	303285	< 20	< 20	0.0%
Rb	303245	< 50	< 50	0.0%	303259	< 50	< 50	0.0%	303270	< 50	< 50	0.0%	303285	< 50	< 50	0.0%
S	303245	0.10	0.10	0.0%	303259	0.447	0.433	3.2%	303270	0.05	0.05	0.0%	303285	0.13	0.13	0.0%
Sb	303245	< 1	< 1	0.0%	303259	< 1	< 1	0.0%	303270	< 1	1		303285	< 1	< 1	0.0%
Sc	303245	46	46	0.0%	303259	45	45	0.0%	303270	< 1	< 1	0.0%	303285	49	49	0.0%
Se	303245	< 10	< 10	0.0%	303259	< 10	< 10	0.0%	303270	< 10	< 10	0.0%	303285	< 10	< 10	0.0%
Sn	303245	< 5	< 5	0.0%	303259	< 5	< 5	0.0%	303270	< 5	< 5	0.0%	303285	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	303245	141	145	2.8%	303259	133	128	3.8%	303270	69	69	0.0%	303285	140	145	3.5%
Ta	303245	< 10	< 10	0.0%	303259	< 10	< 10	0.0%	303270	< 10	< 10	0.0%	303285	< 10	< 10	0.0%
Te	303245	< 10	< 10	0.0%	303259	< 10	12		303270	< 10	< 10	0.0%	303285	11	< 10	
Th	303245	< 5	< 5	0.0%	303259	< 5	< 5	0.0%	303270	< 5	< 5	0.0%	303285	< 5	< 5	0.0%
Ti	303245	0.66	0.68	3.0%	303259	0.84	0.82	2.4%	303270	< 0.01	< 0.01	0.0%	303285	0.622	0.646	3.8%
Tl	303245	< 5	< 5	0.0%	303259	< 5	< 5	0.0%	303270	< 5	< 5	0.0%	303285	< 5	< 5	0.0%
U	303245	< 50	< 50	0.0%	303259	< 50	< 50	0.0%	303270	< 50	< 50	0.0%	303285	< 50	< 50	0.0%
V	303245	306	310	1.3%	303259	327	329	0.6%	303270	3.19	2.62	19.6%	303285	324	322	0.6%
W	303245	< 1	< 1	0.0%	303259	< 1	< 1	0.0%	303270	1	1	0.0%	303285	< 1	< 1	0.0%
Y	303245	26	27	3.8%	303259	33	33	0.0%	303270	2	2	0.0%	303285	25	25	0.0%
Zn	303245	103	105	1.9%	303259	287	284	1.1%	303270	3.7	4.5	19.5%	303285	95.2	96.7	1.6%
Zr	303245	13	13	0.0%	303259	22	21	4.7%	303270	< 5	< 5	0.0%	303285	14	15	6.9%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	303295	< 0.5	< 0.5	0.0%	303309	< 0.5	< 0.5	0.0%								
Al	303295	8.01	8.32	3.8%	303309	7.86	7.90	0.5%								
As	303295	< 1	< 1	0.0%	303309	< 1	< 1	0.0%								
Ba	303295	96	100	4.1%	303309	131	134	2.3%								
Be	303295	< 0.5	< 0.5	0.0%	303309	< 0.5	< 0.5	0.0%								
Bi	303295	< 1	< 1	0.0%	303309	< 1	< 1	0.0%								
Ca	303295	8.30	8.24	0.7%	303309	8.37	8.83	5.3%								
Cd	303295	< 0.5	< 0.5	0.0%	303309	< 0.5	< 0.5	0.0%								
Ce	303295	4	3	28.6%	303309	7	7	0.0%								
Co	303295	45.8	44.8	2.2%	303309	41.3	44.0	6.3%								
Cr	303295	59.5	55.7	6.6%	303309	60.1	68.5	13.1%								
Cu	303295	143	143	0.0%	303309	186	194	4.2%								
Fe	303295	8.34	8.29	0.6%	303309	8.72	9.23	5.7%								
Ga	303295	20	20	0.0%	303309	20	18	10.5%								
In	303295	< 1	< 1	0.0%	303309	< 1	< 1	0.0%								
K	303295	0.34	0.35	2.9%	303309	0.66	0.67	1.5%								
La	303295	4	4	0.0%	303309	6	6	0.0%								
Li	303295	16	16	0.0%	303309	21	22	4.7%								
Mg	303295	3.74	3.85	2.9%	303309	3.84	3.91	1.8%								
Mn	303295	1810	1880	3.8%	303309	2050	2080	1.5%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	303295	< 0.5	< 0.5	0.0%	303309	< 0.5	< 0.5	0.0%								
Na	303295	1.72	1.71	0.6%	303309	1.10	1.17	6.2%								
Ni	303295	73.7	71.1	3.6%	303309	68.6	73.4	6.8%								
P	303295	262	253	3.5%	303309	274	292	6.4%								
Pb	303295	< 20	< 20	0.0%	303309	< 20	< 20	0.0%								
Rb	303295	< 50	< 50	0.0%	303309	< 50	< 50	0.0%								
S	303295	0.14	0.14	0.0%	303309	0.301	0.295	2.0%								
Sb	303295	< 1	< 1	0.0%	303309	< 1	< 1	0.0%								
Sc	303295	52	50	3.9%	303309	45	49	8.5%								
Se	303295	< 10	< 10	0.0%	303309	< 10	< 10	0.0%								
Sn	303295	< 5	< 5	0.0%	303309	< 5	< 5	0.0%								
Sr	303295	132	131	0.8%	303309	105	111	5.6%								
Ta	303295	< 10	< 10	0.0%	303309	< 10	< 10	0.0%								
Te	303295	< 10	< 10	0.0%	303309	< 10	10									
Th	303295	< 5	< 5	0.0%	303309	< 5	< 5	0.0%								
Ti	303295	0.500	0.492	1.6%	303309	0.49	0.52	5.9%								
Tl	303295	< 5	< 5	0.0%	303309	< 5	< 5	0.0%								
U	303295	< 50	< 50	0.0%	303309	< 50	< 50	0.0%								
V	303295	289	277	4.2%	303309	256	275	7.2%								
W	303295	< 1	< 1	0.0%	303309	< 1	< 1	0.0%								
Y	303295	21	21	0.0%	303309	20	22	9.5%								
Zn	303295	84.4	82.4	2.4%	303309	105	109	3.7%								
Zr	303295	11	11	0.0%	303309	14	15	6.9%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Au	303259	0.005	0.005	1.5%	303285	0.003	0.003	3.8%	303309	0.005	0.006	5.9%				





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GTS-2a)				CRM #2 (ref.SY-4)				CRM #3 (ref.Till-2)				CRM #4 (ref.GTS-2a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al					10.95	11.2	102%	90% - 110%	8.17	8.64	106%	90% - 110%	6.96	7.49	108%	90% - 110%
As									26	24	93%	90% - 110%	124	116	94%	90% - 110%
Ba					340	336	99%	90% - 110%	540	523	97%	90% - 110%	186	186	100%	90% - 110%
Be					2.6	2.6	98%	90% - 110%	4.0	3.5	87%	90% - 110%				
Ca					5.72	5.76	101%	90% - 110%	0.907	0.901	99%	90% - 110%	4.01	4.01	100%	90% - 110%
Ce					122	117	96%	90% - 110%	98	101	104%	90% - 110%	24	22	92%	90% - 110%
Co	22.1	20.6	93%	90% - 110%									22.1	23.7	107%	90% - 110%
Cr									60.3	61.4	102%	90% - 110%				
Cu									150	154	102%	90% - 110%	88.6	90.4	102%	90% - 110%
Fe					4.34	3.95	91%	90% - 110%	3.77	3.58	95%	90% - 110%	7.56	7.26	96%	90% - 110%
Ga					35	35	101%	90% - 110%								
K					1.37	1.44	105%	90% - 110%					2.021	2.2	109%	90% - 110%
La					58	57	98%	90% - 110%	44	46	105%	90% - 110%				
Li					37	38	103%	90% - 110%	47	47	100%	90% - 110%				
Mg					0.325	0.309	95%	90% - 110%	1.10	1.09	99%	90% - 110%	2.412	2.498	104%	90% - 110%
Mn									780	756	97%	90% - 110%	1510	1483	98%	90% - 110%
Mo									14	13	93%	90% - 110%				
Na					5.267	5.611	107%	90% - 110%	1.624	1.762	109%	90% - 110%	0.617	0.675	109%	90% - 110%
Ni									32	31	96%	90% - 110%	77.1	70.5	92%	90% - 110%
P									750	746	99%	90% - 110%	892	943	106%	90% - 110%
Pb									31	29	93%	90% - 110%				
S													0.348	0.371	107%	90% - 110%
Sc					1.1	0.9	83%	90% - 110%	12	13	107%	90% - 110%				
Sr					1191	1175	99%	90% - 110%	144	153	106%	90% - 110%	92.8	94.3	102%	90% - 110%
Ti					0.172	0.162	94%	90% - 110%	0.53	0.48	91%	90% - 110%				
V					8	7	93%	90% - 110%	77	82	106%	90% - 110%				
Y					119	129	109%	90% - 110%								
Zn					93	93	100%	90% - 110%	130	119	91%	90% - 110%	208	204	98%	90% - 110%
CRM #5 (ref.SY-4)																
Parameter	Expect	Actual	Recovery	Limits												
Al	10.95	11.57	106%	90% - 110%												



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Ba	340	335	98%	90% - 110%															
Be	2.6	2.5	96%	90% - 110%															
Ca	5.72	5.68	99%	90% - 110%															
Ce	122	125	102%	90% - 110%															
Fe	4.34	4	92%	90% - 110%															
Ga	35	34	96%	90% - 110%															
K	1.37	1.5	109%	90% - 110%															
La	58	54	93%	90% - 110%															
Li	37	39	106%	90% - 110%															
Mg	0.325	0.306	94%	90% - 110%															
Na	5.267	5.68	108%	90% - 110%															
Sc	1.1	0.9	81%	90% - 110%															
Sr	1191	1198	101%	90% - 110%															
Ti	0.172	0.164	95%	90% - 110%															
V	8	7	93%	90% - 110%															
Y	119	124	104%	90% - 110%															
Zn	93	89	96%	90% - 110%															

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (GS5W)				CRM #2 (GS6F)				CRM #3 (GSP5G)									
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits						
Au	5.27	4.87	92%	90% - 110%	6.87	6.84	100%	90% - 110%	0.562	0.554	99%	90% - 110%						

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19T484511

PROJECT: AGAT00668

ATTENTION TO: Stephen Brooking

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00669

AGAT WORK ORDER: 19T484530

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jul 05, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T484530

PROJECT: AGAT00669

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Jun 24, 2019

DATE RECEIVED: Jun 25, 2019

DATE REPORTED: Jul 05, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
B61773 (303511)		1.96
B61774 (303512)		1.94
B61775 (303513)		1.01
B61776 (303514)		2.39
B61777 (303515)		1.41
B61778 (303516)		1.41
B61779 (303517)		2.65
B61780 (303518)		0.75
B61781 (303519)		0.73
B61782 (303520)		2.34
B61783 (303521)		1.37
B61784 (303522)		2.24
B61785 (303523)		1.27
B61786 (303524)		0.07
B61787 (303525)		1.01
B61788 (303526)		1.73
B61789 (303527)		1.19
B61790 (303528)		0.65
B61791 (303529)		2.21
B61792 (303530)		0.61
B61793 (303531)		2.50
B61794 (303532)		1.55
B61795 (303533)		1.72
B61796 (303534)		1.82
B61797 (303535)		1.63
B61798 (303536)		1.63
B61799 (303537)		2.23
B61800 (303538)		3.26
B61801 (303539)		3.04
B61802 (303540)		1.26
B61803 (303541)		1.23

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T484530

PROJECT: AGAT00669

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Jun 24, 2019      DATE RECEIVED: Jun 25, 2019      DATE REPORTED: Jul 05, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
B61804 (303542)		1.25
B61805 (303543)		2.62
B61806 (303544)		0.07
B61807 (303545)		2.14
B61808 (303546)		3.72
B61809 (303547)		2.49
B61810 (303548)		1.30
B61811 (303549)		3.19
B61812 (303550)		0.62
B61813 (303551)		1.34
B61814 (303552)		1.57
B61815 (303553)		3.08
B61816 (303554)		3.31
B61817 (303555)		3.18
B61818 (303556)		3.18
B61819 (303557)		2.42
B61820 (303558)		1.67
B61821 (303559)		3.41
B61822 (303560)		1.47
B61823 (303561)		3.23
B61824 (303562)		3.22
B61825 (303563)		3.09
B61826 (303564)		0.07
B61827 (303565)		3.19
B61828 (303566)		2.85
B61829 (303567)		3.45
B61830 (303568)		3.33
B61831 (303569)		3.37
B61832 (303570)		0.54
D73361 (303571)		1.00
D73362 (303572)		1.34

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T484530

PROJECT: AGAT00669

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (200-) Sample Login Weight

DATE SAMPLED: Jun 24, 2019

DATE RECEIVED: Jun 25, 2019

DATE REPORTED: Jul 05, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D73363 (303573)		1.61
D73364 (303574)		1.39
D73365 (303575)		1.66
D73366 (303576)		0.07
D73367 (303577)		1.13
D73368 (303578)		1.32
D73369 (303579)		1.02
D73370 (303580)		0.75
D73371 (303581)		1.22
D73372 (303582)		0.55
D73373 (303583)		1.71
D73374 (303584)		1.26
D73375 (303585)		2.36

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T484530

PROJECT: AGAT00669

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 24, 2019	DATE RECEIVED: Jun 25, 2019							DATE REPORTED: Jul 05, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
B61773 (303511)	1.2	6.87	<1	155	1.0	<1	3.47	0.8	44	11.1	94.6	41.6	4.42	19	
B61774 (303512)	0.6	6.74	1	81	0.9	<1	2.11	0.9	40	6.3	99.8	28.9	2.83	17	
B61775 (303513)	1.6	5.65	<1	638	0.9	<1	1.86	1.4	51	18.0	204	51.9	4.88	16	
B61776 (303514)	1.4	6.58	<1	195	1.2	<1	2.16	2.2	57	8.7	183	45.3	4.37	17	
B61777 (303515)	1.3	6.85	1	314	1.3	<1	1.07	1.6	39	7.3	163	43.2	3.87	15	
B61778 (303516)	1.2	6.83	2	305	1.3	<1	1.06	1.6	38	7.4	150	44.4	3.86	15	
B61779 (303517)	1.2	7.15	<1	393	1.1	<1	2.38	1.2	44	8.1	154	29.6	3.53	17	
B61780 (303518)	1.3	7.22	2	349	1.9	<1	1.41	<0.5	50	5.4	122	24.2	2.85	17	
B61781 (303519)	1.4	7.64	3	266	1.8	<1	1.03	0.6	47	10.0	137	35.3	4.03	16	
B61782 (303520)	1.0	6.99	<1	251	1.0	<1	1.94	0.6	46	10.2	132	20.0	3.52	18	
B61783 (303521)	<0.5	7.65	4	287	0.9	<1	1.31	<0.5	20	5.4	77.6	9.2	2.21	22	
B61784 (303522)	<0.5	7.35	<1	339	1.7	<1	2.03	<0.5	39	8.6	128	15.9	3.74	19	
B61785 (303523)	0.9	6.40	2	341	1.9	<1	1.12	<0.5	50	10.1	195	26.2	3.33	16	
B61786 (303524)	<0.5	7.40	<1	191	<0.5	<1	6.63	<0.5	17	48.8	165	101	8.02	22	
B61787 (303525)	1.1	6.58	<1	394	0.8	<1	3.53	<0.5	55	28.7	214	26.4	4.81	18	
B61788 (303526)	<0.5	3.70	<1	692	0.7	<1	6.21	<0.5	89	73.0	532	87.4	8.37	19	
B61789 (303527)	1.2	6.43	<1	367	1.2	<1	2.02	<0.5	52	22.2	174	61.9	6.12	20	
B61790 (303528)	1.3	7.55	<1	165	1.3	<1	2.34	<0.5	40	17.9	132	46.9	4.67	22	
B61791 (303529)	0.9	6.43	<1	260	1.3	<1	1.85	<0.5	18	8.2	108	14.9	1.76	16	
B61792 (303530)	<0.5	0.07	1	13	<0.5	<1	33.3	<0.5	<1	<0.5	5.2	1.9	0.08	6	
B61793 (303531)	0.5	5.53	<1	220	1.0	<1	1.72	<0.5	20	7.0	131	21.4	1.91	14	
B61794 (303532)	<0.5	7.04	<1	533	0.5	<1	6.40	0.8	12	35.2	134	57.7	9.37	22	
B61795 (303533)	<0.5	6.95	<1	628	<0.5	<1	6.22	<0.5	9	42.8	136	126	9.90	23	
B61796 (303534)	0.8	7.98	<1	512	0.9	<1	3.49	<0.5	45	9.0	101	11.2	3.54	20	
B61797 (303535)	0.7	6.98	<1	348	0.7	<1	3.22	<0.5	49	27.8	197	43.5	4.46	20	
B61798 (303536)	0.6	6.88	<1	345	0.7	<1	3.21	<0.5	48	28.1	171	40.6	4.37	21	
B61799 (303537)	<0.5	7.74	1	123	1.3	<1	2.22	<0.5	14	3.5	73.0	7.1	1.34	19	
B61800 (303538)	<0.5	7.73	<1	367	1.2	<1	2.81	<0.5	42	8.7	98.9	18.5	3.32	19	
B61801 (303539)	0.6	7.53	<1	301	1.1	<1	2.53	<0.5	41	10.4	108	22.8	3.42	21	
B61802 (303540)	<0.5	6.70	<1	127	0.9	<1	6.07	<0.5	7	44.7	86.5	122	10.0	25	
B61803 (303541)	<0.5	7.60	<1	718	<0.5	<1	8.09	<0.5	9	49.4	88.6	175	11.1	27	
B61804 (303542)	<0.5	6.55	<1	881	<0.5	<1	6.96	<0.5	11	46.1	90.2	263	9.81	21	

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T484530

PROJECT: AGAT00669

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 24, 2019	DATE RECEIVED: Jun 25, 2019							DATE REPORTED: Jul 05, 2019				SAMPLE TYPE: Drill Core			
Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5	
B61805 (303543)	<0.5	6.76	<1	89	<0.5	<1	6.64	<0.5	26	49.9	101	100	10.7	22	
B61806 (303544)	<0.5	7.71	<1	154	<0.5	<1	7.30	<0.5	5	44.9	162	155	8.57	21	
B61807 (303545)	<0.5	7.30	<1	33	<0.5	<1	6.24	<0.5	9	49.8	79.5	186	11.2	26	
B61808 (303546)	<0.5	7.23	<1	48	<0.5	<1	5.81	<0.5	13	45.2	74.5	151	10.0	24	
B61809 (303547)	<0.5	7.00	<1	104	1.1	<1	6.08	<0.5	10	46.3	70.7	104	10.3	26	
B61810 (303548)	0.7	7.48	<1	184	1.1	<1	2.26	<0.5	40	10.5	86.6	48.6	3.04	23	
B61811 (303549)	1.5	7.71	<1	298	1.1	<1	2.77	<0.5	41	10.8	96.6	25.2	3.60	21	
B61812 (303550)	<0.5	0.08	2	18	<0.5	<1	33.5	<0.5	<1	0.5	7.5	<0.5	0.09	6	
B61813 (303551)	0.6	7.53	<1	314	1.3	<1	2.53	<0.5	43	9.2	92.3	9.8	3.10	20	
B61814 (303552)	<0.5	7.96	<1	217	1.5	<1	2.47	<0.5	32	9.3	66.7	19.8	2.93	23	
B61815 (303553)	0.8	7.52	<1	299	1.1	<1	2.41	<0.5	51	9.4	70.3	18.3	3.01	21	
B61816 (303554)	0.7	7.10	<1	315	1.0	<1	2.39	<0.5	42	9.8	95.4	23.4	3.20	19	
B61817 (303555)	0.6	7.53	<1	276	1.1	<1	2.46	<0.5	44	9.3	93.7	10.1	3.25	20	
B61818 (303556)	0.6	7.29	<1	273	1.2	<1	2.43	<0.5	43	9.3	67.5	9.9	3.16	20	
B61819 (303557)	<0.5	7.09	<1	420	1.7	<1	2.71	<0.5	47	10.9	106	15.7	3.39	20	
B61820 (303558)	<0.5	2.14	<1	872	2.8	<1	9.96	<0.5	180	71.6	594	73.0	8.39	18	
B61821 (303559)	0.6	7.29	<1	280	1.0	<1	2.60	<0.5	46	9.6	83.5	12.3	3.46	20	
B61822 (303560)	0.7	7.65	<1	265	1.3	<1	2.41	<0.5	48	8.3	93.8	19.9	3.22	23	
B61823 (303561)	0.6	7.24	<1	356	1.4	<1	2.34	<0.5	39	8.6	87.1	6.6	3.23	20	
B61824 (303562)	0.8	7.48	<1	355	1.0	<1	2.55	<0.5	42	9.7	90.9	44.1	3.42	20	
B61825 (303563)	1.0	7.73	<1	399	1.0	<1	2.51	<0.5	44	8.9	94.4	7.4	3.43	21	
B61826 (303564)	<0.5	7.40	<1	183	<0.5	<1	6.32	<0.5	17	49.0	161	101	7.65	24	
B61827 (303565)	0.9	7.82	<1	244	1.4	<1	2.52	<0.5	44	9.2	96.1	30.4	3.55	20	
B61828 (303566)	0.7	7.16	<1	315	1.3	<1	2.24	<0.5	42	8.6	94.8	1.7	3.23	21	
B61829 (303567)	0.7	7.36	<1	231	1.2	<1	2.12	<0.5	34	8.4	79.0	1.8	3.07	21	
B61830 (303568)	0.9	7.77	<1	392	1.1	<1	2.54	<0.5	46	9.3	91.4	<0.5	3.37	21	
B61831 (303569)	0.8	7.57	<1	417	1.3	<1	2.38	<0.5	45	9.4	67.6	6.1	3.44	22	
B61832 (303570)	<0.5	0.10	<1	35	<0.5	<1	32.0	<0.5	1	<0.5	4.6	<0.5	0.11	6	
D73361 (303571)	2.2	7.09	<1	464	4.6	<1	0.28	<0.5	42	3.7	91.8	18.6	1.82	14	
D73362 (303572)	1.1	5.65	<1	268	0.6	<1	2.56	0.8	46	16.3	156	39.9	4.90	15	
D73363 (303573)	1.7	5.69	1	368	<0.5	<1	0.63	1.0	50	9.1	179	29.0	3.87	8	
D73364 (303574)	1.3	4.93	<1	179	<0.5	<1	0.44	0.8	53	7.7	192	43.2	4.10	12	

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## Certificate of Analysis

AGAT WORK ORDER: 19T484530

PROJECT: AGAT00669

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 24, 2019	DATE RECEIVED: Jun 25, 2019					DATE REPORTED: Jul 05, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D73365 (303575)	1.8	8.88	<1	167	0.8	<1	2.18	1.6	56	15.4	131	59.6	6.90	20	
D73366 (303576)	<0.5	7.10	8	83	<0.5	<1	7.19	<0.5	5	44.9	163	149	7.23	22	
D73367 (303577)	0.9	8.09	<1	242	0.8	<1	1.98	1.0	58	9.1	138	36.2	3.95	16	
D73368 (303578)	1.4	9.85	<1	744	2.3	<1	1.40	0.8	72	10.3	85.2	36.0	3.83	20	
D73369 (303579)	2.0	12.8	4	610	7.7	<1	2.09	<0.5	93	26.2	42.7	42.1	5.54	30	
D73370 (303580)	<0.5	7.96	5	226	1.3	<1	2.39	<0.5	53	3.9	42.8	14.7	2.05	18	
D73371 (303581)	2.0	10.6	2	697	2.1	<1	2.53	1.3	65	13.4	90.5	64.9	6.57	26	
D73372 (303582)	<0.5	0.08	1	16	<0.5	<1	31.5	<0.5	<1	<0.5	7.2	<0.5	0.11	6	
D73373 (303583)	1.6	8.65	<1	338	1.6	<1	2.76	1.2	62	13.5	144	50.5	5.66	20	
D73374 (303584)	1.0	9.94	3	250	1.3	<1	3.05	1.3	51	14.0	106	44.2	4.62	25	
D73375 (303585)	1.2	6.95	3	270	1.4	<1	1.78	0.5	43	9.1	118	47.5	4.07	19	

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# Certificate of Analysis

AGAT WORK ORDER: 19T484530

PROJECT: AGAT00669

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 24, 2019

DATE RECEIVED: Jun 25, 2019

DATE REPORTED: Jul 05, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
B61773 (303511)		<1	2.17	22	8	0.77	1180	9.4	2.95	15.7	299	27	<50	2.14	<1
B61774 (303512)		<1	3.51	20	7	0.43	826	9.3	3.19	7.3	317	<20	<50	1.61	<1
B61775 (303513)		<1	1.18	26	51	1.80	1910	13.0	1.59	91.0	694	20	<50	2.12	<1
B61776 (303514)		<1	1.23	28	22	0.63	1820	13.4	2.25	10.1	559	45	<50	1.88	<1
B61777 (303515)		<1	2.50	19	32	0.35	2220	11.3	2.48	9.5	365	37	<50	2.01	<1
B61778 (303516)		<1	2.49	19	32	0.36	2190	11.0	2.45	9.0	374	39	<50	2.06	<1
B61779 (303517)		<1	1.29	22	23	0.67	1310	13.4	2.59	6.7	629	47	<50	1.66	<1
B61780 (303518)		<1	1.69	25	56	0.35	685	12.3	2.87	6.4	467	30	<50	1.34	<1
B61781 (303519)		<1	1.78	23	87	0.44	3670	11.7	2.42	8.4	591	<20	<50	1.78	<1
B61782 (303520)		<1	1.45	24	29	0.87	1600	11.1	1.95	8.1	571	25	<50	0.91	<1
B61783 (303521)		<1	5.24	10	8	0.67	942	8.1	2.99	6.7	673	<20	<50	0.42	<1
B61784 (303522)		<1	2.18	20	44	1.31	1580	11.0	2.53	6.8	1020	25	<50	0.62	<1
B61785 (303523)		<1	1.35	24	62	0.79	1160	15.8	1.64	7.2	549	28	<50	0.91	<1
B61786 (303524)		<1	0.43	11	10	4.30	1330	<0.5	2.34	113	933	<20	<50	0.09	<1
B61787 (303525)		<1	1.51	30	28	3.50	2060	7.3	2.11	163	893	31	<50	0.44	<1
B61788 (303526)		<1	1.92	50	26	8.94	1860	3.2	1.06	471	1020	<20	<50	0.28	<1
B61789 (303527)		<1	1.67	28	67	1.30	2030	15.1	2.18	54.4	719	37	<50	2.05	<1
B61790 (303528)		<1	1.87	21	21	0.84	1120	10.6	3.05	13.9	463	41	<50	1.76	<1
B61791 (303529)		<1	2.14	10	19	0.49	316	12.1	2.44	27.5	150	40	<50	0.56	<1
B61792 (303530)		4	0.02	<2	<1	1.81	35	<0.5	0.04	<0.5	79	<20	<50	0.03	1
B61793 (303531)		<1	1.69	11	15	0.29	569	15.7	2.02	7.3	262	31	<50	0.55	<1
B61794 (303532)		<1	1.46	8	61	2.67	2860	6.0	1.43	34.7	388	<20	<50	1.55	<1
B61795 (303533)		<1	0.56	7	45	2.67	2500	7.2	1.13	37.0	408	<20	<50	1.07	<1
B61796 (303534)		<1	1.18	23	51	0.88	830	8.5	1.88	5.2	536	<20	<50	0.11	<1
B61797 (303535)		<1	1.28	27	40	3.45	848	9.7	2.51	178	741	<20	<50	0.26	<1
B61798 (303536)		<1	1.26	26	40	3.45	836	9.0	2.52	181	724	<20	<50	0.25	<1
B61799 (303537)		<1	0.85	8	19	0.21	192	10.4	3.37	1.5	98	<20	<50	0.05	<1
B61800 (303538)		<1	1.08	21	41	0.60	764	9.6	3.00	5.5	484	<20	<50	0.07	<1
B61801 (303539)		<1	1.23	21	41	0.66	500	9.2	3.14	6.7	639	<20	<50	0.05	<1
B61802 (303540)		<1	0.91	6	23	2.62	1750	4.4	1.88	35.7	431	<20	<50	0.15	<1
B61803 (303541)		<1	0.47	7	40	2.96	2020	8.9	1.20	39.1	449	<20	<50	0.28	<1
B61804 (303542)		<1	0.35	7	36	2.60	1790	18.7	1.27	38.0	468	<20	<50	0.42	<1

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## Certificate of Analysis

AGAT WORK ORDER: 19T484530

PROJECT: AGAT00669

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 24, 2019

DATE RECEIVED: Jun 25, 2019

DATE REPORTED: Jul 05, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
B61805 (303543)		<1	0.34	16	23	3.16	1740	3.7	1.93	63.1	872	<20	<50	0.13	<1
B61806 (303544)		<1	0.22	5	12	4.63	1490	<0.5	2.40	89.3	402	<20	<50	0.15	<1
B61807 (303545)		<1	0.22	7	20	2.99	1740	2.5	2.01	41.3	471	<20	<50	0.21	<1
B61808 (303546)		<1	0.23	9	28	2.61	1570	3.6	2.15	35.7	471	<20	<50	0.15	<1
B61809 (303547)		<1	0.49	7	40	2.73	1660	5.3	1.60	37.0	457	<20	<50	0.13	<1
B61810 (303548)		<1	1.02	20	39	0.57	386	9.9	3.12	5.8	573	<20	<50	0.10	<1
B61811 (303549)		<1	1.02	21	38	0.63	644	7.5	2.71	6.4	562	<20	<50	0.07	<1
B61812 (303550)		4	0.02	<2	<1	2.22	59	0.7	0.04	<0.5	108	<20	<50	0.02	1
B61813 (303551)		<1	1.11	23	40	0.56	499	11.6	2.96	6.1	535	<20	<50	0.03	<1
B61814 (303552)		<1	1.10	17	42	0.54	545	8.0	3.25	5.6	273	<20	<50	0.07	<1
B61815 (303553)		<1	1.09	26	40	0.53	437	9.8	2.91	5.0	591	<20	<50	0.07	<1
B61816 (303554)		<1	1.19	22	41	0.62	559	10.6	2.66	5.6	598	<20	<50	0.11	<1
B61817 (303555)		<1	1.38	23	34	0.65	536	9.4	2.80	5.5	545	<20	<50	0.07	<1
B61818 (303556)		<1	1.37	23	33	0.63	511	8.6	2.80	5.5	554	<20	<50	0.08	<1
B61819 (303557)		<1	1.29	25	36	0.99	612	8.5	3.20	21.0	838	<20	<50	0.15	<1
B61820 (303558)		<1	2.14	105	67	8.53	1560	1.5	1.79	358	3600	<20	<50	0.13	<1
B61821 (303559)		<1	1.22	25	36	0.80	602	8.6	3.03	9.3	715	<20	<50	0.13	<1
B61822 (303560)		<1	1.23	25	31	0.56	812	10.3	3.05	3.5	528	<20	<50	0.18	<1
B61823 (303561)		<1	1.40	20	27	0.61	532	9.0	3.08	4.3	577	<20	<50	0.06	<1
B61824 (303562)		<1	1.12	21	30	0.58	540	10.2	2.75	4.6	618	<20	<50	0.28	<1
B61825 (303563)		<1	1.16	22	36	0.62	505	11.4	2.85	3.9	590	<20	<50	0.05	<1
B61826 (303564)		<1	0.43	11	10	4.27	1310	<0.5	2.23	114	946	<20	<50	0.09	<1
B61827 (303565)		<1	1.26	22	33	0.63	607	10.8	2.95	4.0	596	<20	<50	0.18	<1
B61828 (303566)		<1	1.21	21	36	0.61	465	9.4	2.87	3.8	589	<20	<50	0.02	<1
B61829 (303567)		<1	1.33	18	26	0.57	496	8.0	3.06	3.9	526	<20	<50	0.03	<1
B61830 (303568)		<1	1.25	23	41	0.67	475	8.7	2.96	3.7	637	<20	<50	0.01	<1
B61831 (303569)		<1	1.24	23	35	0.65	465	7.7	2.91	4.0	634	<20	<50	0.05	<1
B61832 (303570)		3	0.02	<2	<1	3.22	74	<0.5	0.06	<0.5	91	<20	<50	0.04	<1
D73361 (303571)		<1	1.62	20	32	0.11	834	11.8	2.89	4.4	370	<20	<50	0.86	<1
D73362 (303572)		<1	1.47	24	32	0.91	2340	10.2	1.30	12.5	605	24	<50	2.15	<1
D73363 (303573)		<1	1.59	24	20	0.65	6840	14.7	0.64	12.9	590	<20	<50	1.22	<1
D73364 (303574)		<1	1.01	25	21	0.31	3130	13.7	0.54	10.3	378	<20	<50	1.65	<1

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AGAT WORK ORDER: 19T484530

PROJECT: AGAT00669

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 24, 2019	DATE RECEIVED: Jun 25, 2019					DATE REPORTED: Jul 05, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D73365 (303575)	<1	1.66	28	53	1.15	4180	10.8	2.21	10.6	927	32	<50	2.55	<1	
D73366 (303576)	<1	0.23	5	13	4.28	1260	<0.5	1.59	106	368	<20	<50	0.20	<1	
D73367 (303577)	<1	1.23	28	37	0.55	1570	10.4	2.04	6.6	1160	37	<50	1.50	<1	
D73368 (303578)	<1	2.54	35	59	0.47	1560	6.3	2.42	5.3	895	68	<50	1.83	<1	
D73369 (303579)	<1	3.99	46	119	0.74	2280	2.7	1.58	4.0	963	<20	<50	3.25	2	
D73370 (303580)	<1	1.06	25	7	0.67	1000	5.4	5.30	3.8	242	<20	<50	0.74	<1	
D73371 (303581)	<1	2.15	33	75	0.89	1690	6.2	2.73	9.0	1120	52	<50	2.79	<1	
D73372 (303582)	3	0.01	<2	<1	3.05	74	<0.5	0.05	<0.5	86	<20	<50	0.03	<1	
D73373 (303583)	<1	1.32	32	45	0.99	2120	9.2	2.64	17.8	1180	44	<50	1.94	<1	
D73374 (303584)	<1	3.92	26	12	1.03	1850	7.5	5.18	22.4	502	37	<50	1.94	<1	
D73375 (303585)	<1	1.47	22	30	0.51	1070	13.8	3.31	10.3	472	23	<50	2.34	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 24, 2019	DATE RECEIVED: Jun 25, 2019					DATE REPORTED: Jul 05, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
B61773 (303511)	11	<10	<5	106	<10	<10	<5	0.17	<5	<50	31.1	<1	14	261	
B61774 (303512)	8	<10	<5	63	<10	<10	<5	0.09	<5	<50	27.5	<1	6	505	
B61775 (303513)	12	<10	<5	338	<10	<10	<5	0.34	<5	<50	44.5	<1	27	213	
B61776 (303514)	11	<10	<5	154	<10	<10	<5	0.15	<5	<50	22.4	<1	23	356	
B61777 (303515)	10	<10	<5	92	<10	<10	<5	0.11	<5	<50	26.9	<1	22	158	
B61778 (303516)	9	<10	<5	90	<10	<10	<5	0.11	<5	<50	26.6	<1	21	160	
B61779 (303517)	12	<10	<5	222	<10	<10	<5	0.18	<5	<50	26.6	<1	17	233	
B61780 (303518)	10	<10	<5	99	<10	<10	<5	0.13	<5	<50	32.4	<1	20	177	
B61781 (303519)	12	<10	<5	81	<10	<10	<5	0.14	<5	<50	27.2	<1	28	720	
B61782 (303520)	11	<10	<5	133	<10	<10	<5	0.24	<5	<50	25.8	<1	21	256	
B61783 (303521)	7	<10	<5	101	<10	<10	<5	0.09	<5	<50	24.9	<1	7	181	
B61784 (303522)	11	<10	<5	119	<10	<10	<5	0.20	<5	<50	28.4	<1	20	281	
B61785 (303523)	11	<10	<5	83	<10	<10	<5	0.21	<5	<50	22.7	<1	19	410	
B61786 (303524)	36	<10	<5	249	<10	<10	<5	0.88	<5	<50	260	<1	24	92.1	
B61787 (303525)	12	<10	<5	264	<10	<10	<5	0.65	<5	<50	76.6	<1	24	289	
B61788 (303526)	19	<10	<5	612	<10	<10	<5	1.44	<5	<50	245	<1	22	113	
B61789 (303527)	12	<10	<5	180	<10	<10	<5	0.37	<5	<50	46.4	<1	24	219	
B61790 (303528)	13	<10	<5	115	<10	<10	<5	0.26	<5	<50	38.8	<1	14	274	
B61791 (303529)	4	<10	<5	141	<10	<10	<5	0.11	<5	<50	14.6	<1	8	56.4	
B61792 (303530)	<1	<10	<5	76	<10	<10	<5	<0.01	<5	<50	0.9	1	3	4.6	
B61793 (303531)	6	<10	<5	115	<10	<10	<5	0.12	<5	<50	31.1	<1	10	102	
B61794 (303532)	45	<10	<5	400	<10	<10	<5	0.71	<5	<50	297	<1	28	487	
B61795 (303533)	41	<10	<5	206	<10	<10	<5	0.77	<5	<50	319	<1	30	388	
B61796 (303534)	10	<10	<5	236	<10	<10	<5	0.26	<5	<50	25.7	<1	30	101	
B61797 (303535)	11	<10	<5	268	<10	<10	<5	0.56	<5	<50	66.0	<1	17	101	
B61798 (303536)	11	<10	<5	270	<10	<10	<5	0.56	<5	<50	66.2	<1	17	95.7	
B61799 (303537)	3	<10	<5	150	<10	<10	<5	0.10	<5	<50	10.2	<1	3	53.2	
B61800 (303538)	9	<10	<5	143	<10	<10	<5	0.24	<5	<50	23.1	<1	21	80.8	
B61801 (303539)	10	<10	<5	123	<10	<10	<5	0.27	<5	<50	33.1	<1	16	100	
B61802 (303540)	46	<10	<5	178	<10	<10	<5	0.70	<5	<50	346	<1	28	126	
B61803 (303541)	44	<10	<5	461	<10	<10	<5	0.91	<5	<50	367	<1	33	150	
B61804 (303542)	41	<10	<5	311	<10	<10	<5	0.87	<5	<50	317	<1	33	144	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 24, 2019	DATE RECEIVED: Jun 25, 2019					DATE REPORTED: Jul 05, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
B61805 (303543)	43	<10	<5	237	<10	<10	<5	0.92	<5	<50	376	<1	33	132	
B61806 (303544)	47	<10	<5	120	<10	<10	<5	0.72	<5	<50	320	<1	23	87.4	
B61807 (303545)	47	<10	<5	193	<10	<10	<5	0.85	<5	<50	389	<1	33	128	
B61808 (303546)	41	<10	<5	198	<10	<10	<5	0.77	<5	<50	341	<1	31	117	
B61809 (303547)	44	<10	<5	193	<10	<10	<5	0.77	<5	<50	365	<1	31	137	
B61810 (303548)	8	<10	<5	138	<10	<10	<5	0.24	<5	<50	33.4	<1	15	86.0	
B61811 (303549)	11	<10	<5	138	<10	<10	<5	0.27	<5	<50	34.9	<1	21	77.0	
B61812 (303550)	<1	<10	<5	75	<10	<10	<5	<0.01	<5	<50	0.8	1	3	3.6	
B61813 (303551)	12	<10	<5	131	<10	<10	<5	0.25	<5	<50	31.7	<1	15	78.3	
B61814 (303552)	10	<10	<5	132	<10	<10	<5	0.23	<5	<50	39.7	<1	15	88.2	
B61815 (303553)	10	<10	<5	151	<10	<10	<5	0.24	<5	<50	25.3	<1	16	66.1	
B61816 (303554)	10	<10	<5	164	<10	<10	<5	0.25	<5	<50	26.3	<1	18	67.2	
B61817 (303555)	10	<10	<5	174	<10	<10	<5	0.25	<5	<50	28.7	<1	19	66.8	
B61818 (303556)	10	<10	<5	172	<10	<10	<5	0.24	<5	<50	28.3	<1	18	68.9	
B61819 (303557)	10	<10	<5	219	<10	<10	<5	0.26	<5	<50	28.9	<1	29	65.9	
B61820 (303558)	21	<10	<5	1320	<10	<10	<5	1.39	<5	<50	263	<1	31	93.2	
B61821 (303559)	10	<10	<5	215	<10	<10	<5	0.27	<5	<50	24.5	<1	21	88.3	
B61822 (303560)	10	<10	<5	159	<10	<10	<5	0.22	<5	<50	19.4	<1	26	87.3	
B61823 (303561)	11	<10	<5	159	<10	<10	<5	0.22	<5	<50	22.2	<1	21	54.2	
B61824 (303562)	10	<10	<5	180	<10	<10	<5	0.24	<5	<50	18.4	<1	23	118	
B61825 (303563)	10	<10	<5	169	<10	<10	<5	0.25	<5	<50	20.1	<1	21	66.8	
B61826 (303564)	37	<10	<5	238	<10	<10	<5	0.84	<5	<50	266	<1	24	92.1	
B61827 (303565)	10	<10	<5	166	<10	<10	<5	0.25	<5	<50	17.8	<1	22	76.9	
B61828 (303566)	9	<10	<5	136	<10	<10	<5	0.23	<5	<50	18.8	<1	17	72.4	
B61829 (303567)	10	<10	<5	110	<10	<10	<5	0.22	<5	<50	17.8	<1	14	77.8	
B61830 (303568)	10	<10	<5	143	<10	<10	<5	0.25	<5	<50	19.9	<1	23	67.5	
B61831 (303569)	10	<10	<5	140	<10	<10	<5	0.25	<5	<50	19.8	<1	22	83.7	
B61832 (303570)	<1	<10	<5	74	<10	<10	<5	<0.01	<5	<50	<0.5	<1	3	3.2	
D73361 (303571)	8	<10	<5	77	<10	<10	5	0.08	<5	<50	24.6	<1	16	298	
D73362 (303572)	12	<10	<5	143	<10	<10	<5	0.22	<5	<50	28.3	<1	20	246	
D73363 (303573)	14	<10	<5	100	<10	<10	<5	0.17	<5	<50	24.7	<1	43	222	
D73364 (303574)	13	<10	<5	59	<10	<10	<5	0.12	<5	<50	17.2	<1	32	175	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 24, 2019	DATE RECEIVED: Jun 25, 2019					DATE REPORTED: Jul 05, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D73365 (303575)	22	<10	<5	183	<10	<10	<5	0.31	<5	<50	38.3	<1	43	482	
D73366 (303576)	45	<10	<5	166	<10	<10	<5	0.57	<5	<50	297	<1	21	74.3	
D73367 (303577)	10	<10	<5	158	<10	<10	<5	0.20	<5	<50	21.0	<1	24	230	
D73368 (303578)	13	<10	<5	142	<10	<10	<5	0.20	<5	<50	30.5	<1	28	207	
D73369 (303579)	21	<10	<5	147	<10	<10	<5	0.20	<5	<50	54.8	<1	32	375	
D73370 (303580)	26	<10	<5	124	<10	<10	<5	0.10	<5	<50	46.3	<1	12	89.1	
D73371 (303581)	13	<10	<5	202	<10	<10	<5	0.28	<5	<50	24.7	<1	26	384	
D73372 (303582)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	<0.5	<1	2	4.2	
D73373 (303583)	14	<10	<5	211	<10	<10	<5	0.27	<5	<50	33.7	<1	30	310	
D73374 (303584)	14	<10	<5	187	<10	<10	<5	0.18	<5	<50	45.0	<1	15	420	
D73375 (303585)	9	<10	<5	110	<10	<10	<5	0.11	<5	<50	19.4	<1	15	142	

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 24, 2019      DATE RECEIVED: Jun 25, 2019      DATE REPORTED: Jul 05, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
B61773 (303511)				148
B61774 (303512)				74
B61775 (303513)				193
B61776 (303514)				179
B61777 (303515)				135
B61778 (303516)				131
B61779 (303517)				173
B61780 (303518)				206
B61781 (303519)				144
B61782 (303520)				175
B61783 (303521)				47
B61784 (303522)				47
B61785 (303523)				140
B61786 (303524)				95
B61787 (303525)				190
B61788 (303526)				84
B61789 (303527)				161
B61790 (303528)				204
B61791 (303529)				167
B61792 (303530)				<5
B61793 (303531)				89
B61794 (303532)				49
B61795 (303533)				19
B61796 (303534)				201
B61797 (303535)				157
B61798 (303536)				133
B61799 (303537)				114
B61800 (303538)				139
B61801 (303539)				153
B61802 (303540)				25
B61803 (303541)				22
B61804 (303542)				21

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 24, 2019      DATE RECEIVED: Jun 25, 2019      DATE REPORTED: Jul 05, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
B61805 (303543)			41
B61806 (303544)			51
B61807 (303545)			16
B61808 (303546)			38
B61809 (303547)			26
B61810 (303548)			173
B61811 (303549)			162
B61812 (303550)			<5
B61813 (303551)			159
B61814 (303552)			103
B61815 (303553)			215
B61816 (303554)			180
B61817 (303555)			177
B61818 (303556)			175
B61819 (303557)			89
B61820 (303558)			138
B61821 (303559)			171
B61822 (303560)			179
B61823 (303561)			180
B61824 (303562)			189
B61825 (303563)			180
B61826 (303564)			96
B61827 (303565)			200
B61828 (303566)			192
B61829 (303567)			180
B61830 (303568)			231
B61831 (303569)			211
B61832 (303570)			<5
D73361 (303571)			115
D73362 (303572)			106
D73363 (303573)			86
D73364 (303574)			80

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T484530

PROJECT: AGAT00669

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 24, 2019	DATE RECEIVED: Jun 25, 2019	DATE REPORTED: Jul 05, 2019	SAMPLE TYPE: Drill Core
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	Analyte:	Zr
	Unit:	ppm
Sample ID (AGAT ID)	RDL:	5
D73365 (303575)		159
D73366 (303576)		45
D73367 (303577)		125
D73368 (303578)		192
D73369 (303579)		299
D73370 (303580)		42
D73371 (303581)		248
D73372 (303582)		<5
D73373 (303583)		188
D73374 (303584)		81
D73375 (303585)		146

Comments: RDL - Reported Detection Limit

303511-303585 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T484530

PROJECT: AGAT00669

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 24, 2019      DATE RECEIVED: Jun 25, 2019      DATE REPORTED: Jul 05, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
B61773 (303511)		0.007	
B61774 (303512)		0.003	
B61775 (303513)		0.004	
B61776 (303514)		0.005	
B61777 (303515)		0.006	
B61778 (303516)		0.005	
B61779 (303517)		0.003	
B61780 (303518)		0.003	
B61781 (303519)		0.004	
B61782 (303520)		0.002	
B61783 (303521)		0.005	
B61784 (303522)		0.002	
B61785 (303523)		0.003	
B61786 (303524)		0.336	
B61787 (303525)		0.002	
B61788 (303526)		0.003	
B61789 (303527)		0.009	
B61790 (303528)		0.008	
B61791 (303529)		0.003	
B61792 (303530)		<0.001	
B61793 (303531)		0.003	
B61794 (303532)		0.003	
B61795 (303533)		0.003	
B61796 (303534)		0.004	
B61797 (303535)		0.002	
B61798 (303536)		0.001	
B61799 (303537)		0.001	
B61800 (303538)		0.001	
B61801 (303539)		0.004	
B61802 (303540)		0.004	
B61803 (303541)		0.001	
B61804 (303542)		0.003	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T484530

PROJECT: AGAT00669

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 24, 2019      DATE RECEIVED: Jun 25, 2019      DATE REPORTED: Jul 05, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
B61805 (303543)			0.002
B61806 (303544)			0.528
B61807 (303545)			0.003
B61808 (303546)			0.003
B61809 (303547)			0.002
B61810 (303548)			0.001
B61811 (303549)			<0.001
B61812 (303550)			<0.001
B61813 (303551)			<0.001
B61814 (303552)			0.001
B61815 (303553)			0.002
B61816 (303554)			<0.001
B61817 (303555)			<0.001
B61818 (303556)			<0.001
B61819 (303557)			<0.001
B61820 (303558)			<0.001
B61821 (303559)			<0.001
B61822 (303560)			0.009
B61823 (303561)			<0.001
B61824 (303562)			<0.001
B61825 (303563)			<0.001
B61826 (303564)			0.339
B61827 (303565)			0.001
B61828 (303566)			0.005
B61829 (303567)			<0.001
B61830 (303568)			<0.001
B61831 (303569)			<0.001
B61832 (303570)			0.001
D73361 (303571)			0.002
D73362 (303572)			0.005
D73363 (303573)			0.003
D73364 (303574)			0.004

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T484530

PROJECT: AGAT00669

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 CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 24, 2019      DATE RECEIVED: Jun 25, 2019      DATE REPORTED: Jul 05, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D73365 (303575)			0.006
D73366 (303576)			1.22
D73367 (303577)			0.003
D73368 (303578)			0.004
D73369 (303579)			0.006
D73370 (303580)			0.002
D73371 (303581)			0.005
D73372 (303582)			<0.001
D73373 (303583)			0.015
D73374 (303584)			0.012
D73375 (303585)			0.055

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T484530

PROJECT: AGAT00669

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 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Jun 24, 2019

DATE RECEIVED: Jun 25, 2019

DATE REPORTED: Jul 05, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL:
	0.01
B61773 (303511)	79.86
B61791 (303529)	80.24
B61797 (303535)	90.00
B61809 (303547)	79.17
B61831 (303569)	78.78
D73361 (303571)	86.36

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T484530

PROJECT: AGAT00669

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jun 24, 2019	DATE RECEIVED: Jun 25, 2019	DATE REPORTED: Jul 05, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
B61773 (303511)		89.09
B61813 (303551)		89.44

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	303511	1.18	1.37	14.9%	303525	1.1	1.3	16.7%	303536	0.6	0.6	0.0%	303550	< 0.5	< 0.5	0.0%
Al	303511	6.87	7.02	2.2%	303525	6.58	6.57	0.2%	303536	6.88	6.83	0.7%	303550	0.076	0.058	26.9%
As	303511	< 1	1		303525	< 1	< 1	0.0%	303536	< 1	< 1	0.0%	303550	2	3	
Ba	303511	155	159	2.5%	303525	394	384	2.6%	303536	345	336	2.6%	303550	18	16	11.8%
Be	303511	1.0	1.0	0.0%	303525	0.8	0.8	0.0%	303536	0.7	0.7	0.0%	303550	< 0.5	< 0.5	0.0%
Bi	303511	< 1	< 1	0.0%	303525	< 1	< 1	0.0%	303536	< 1	< 1	0.0%	303550	< 1	< 1	0.0%
Ca	303511	3.47	2.91	17.6%	303525	3.53	3.49	1.1%	303536	3.21	3.13	2.5%	303550	33.5	33.3	0.6%
Cd	303511	0.8	0.8	0.0%	303525	0.5	0.6	18.2%	303536	< 0.5	< 0.5	0.0%	303550	< 0.5	< 0.5	0.0%
Ce	303511	44	46	4.4%	303525	55	56	1.8%	303536	48	49	2.1%	303550	< 1	< 1	0.0%
Co	303511	11.1	11.3	1.8%	303525	28.7	28.8	0.3%	303536	28.1	28.7	2.1%	303550	0.5	< 0.5	
Cr	303511	94.6	109	14.1%	303525	214	229	6.8%	303536	171	185	7.9%	303550	7.47	7.28	2.6%
Cu	303511	41.6	41.1	1.2%	303525	26.4	26.7	1.1%	303536	40.6	40.0	1.5%	303550	< 0.5	< 0.5	0.0%
Fe	303511	4.42	4.59	3.8%	303525	4.81	4.83	0.4%	303536	4.37	4.29	1.8%	303550	0.09	0.09	0.0%
Ga	303511	19	19	0.0%	303525	18	19	5.4%	303536	21	21	0.0%	303550	6	7	15.4%
In	303511	< 1	< 1	0.0%	303525	< 1	< 1	0.0%	303536	< 1	< 1	0.0%	303550	4	3	28.6%
K	303511	2.17	2.20	1.4%	303525	1.51	1.51	0.0%	303536	1.26	1.24	1.6%	303550	0.016	0.012	28.6%
La	303511	22	23	4.4%	303525	30	30	0.0%	303536	26	27	3.8%	303550	< 2	< 2	0.0%
Li	303511	8	8	0.0%	303525	28	28	0.0%	303536	40	39	2.5%	303550	< 1	< 1	0.0%
Mg	303511	0.77	0.75	2.6%	303525	3.50	3.51	0.3%	303536	3.45	3.36	2.6%	303550	2.22	2.17	2.3%
Mn	303511	1180	1240	5.0%	303525	2060	2080	1.0%	303536	836	877	4.8%	303550	59	55	7.0%
Mo	303511	9.44	10.7	12.5%	303525	7.31	7.35	0.5%	303536	9.0	9.8	8.5%	303550	0.7	< 0.5	
Na	303511	2.95	2.92	1.0%	303525	2.11	2.05	2.9%	303536	2.52	2.48	1.6%	303550	0.041	0.033	21.6%
Ni	303511	15.7	17.0	8.0%	303525	163	166	1.8%	303536	181	184	1.6%	303550	< 0.5	< 0.5	0.0%
P	303511	299	306	2.3%	303525	893	908	1.7%	303536	724	755	4.2%	303550	108	94	13.9%
Pb	303511	27	30	10.5%	303525	31	33	6.3%	303536	< 20	< 20	0.0%	303550	< 20	< 20	0.0%
Rb	303511	< 50	< 50	0.0%	303525	< 50	< 50	0.0%	303536	< 50	< 50	0.0%	303550	< 50	< 50	0.0%
S	303511	2.14	2.07	3.3%	303525	0.44	0.44	0.0%	303536	0.246	0.238	3.3%	303550	0.02	0.01	
Sb	303511	< 1	< 1	0.0%	303525	< 1	< 1	0.0%	303536	< 1	< 1	0.0%	303550	1	< 1	
Sc	303511	11	11	0.0%	303525	12	13	8.0%	303536	11	11	0.0%	303550	< 1	< 1	0.0%
Se	303511	< 10	< 10	0.0%	303525	< 10	< 10	0.0%	303536	< 10	< 10	0.0%	303550	< 10	< 10	0.0%
Sn	303511	< 5	< 5	0.0%	303525	< 5	< 5	0.0%	303536	< 5	< 5	0.0%	303550	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	303511	106	106	0.0%	303525	264	259	1.9%	303536	270	264	2.2%	303550	75	73	2.7%
Ta	303511	< 10	< 10	0.0%	303525	< 10	< 10	0.0%	303536	< 10	< 10	0.0%	303550	< 10	< 10	0.0%
Te	303511	< 10	< 10	0.0%	303525	< 10	< 10	0.0%	303536	< 10	< 10	0.0%	303550	< 10	< 10	0.0%
Th	303511	< 5	< 5	0.0%	303525	< 5	< 5	0.0%	303536	< 5	< 5	0.0%	303550	< 5	< 5	0.0%
Ti	303511	0.17	0.17	0.0%	303525	0.65	0.64	1.6%	303536	0.56	0.55	1.8%	303550	< 0.01	< 0.01	0.0%
Tl	303511	< 5	< 5	0.0%	303525	< 5	< 5	0.0%	303536	< 5	< 5	0.0%	303550	< 5	< 5	0.0%
U	303511	< 50	< 50	0.0%	303525	< 50	< 50	0.0%	303536	< 50	< 50	0.0%	303550	< 50	< 50	0.0%
V	303511	31.1	31.9	2.5%	303525	76.6	79.6	3.8%	303536	66.2	66.2	0.0%	303550	0.8	0.8	0.0%
W	303511	< 1	< 1	0.0%	303525	< 1	< 1	0.0%	303536	< 1	< 1	0.0%	303550	1	< 1	
Y	303511	14	15	6.9%	303525	24	26	8.0%	303536	17	18	5.7%	303550	3	3	0.0%
Zn	303511	261	260	0.4%	303525	289	288	0.3%	303536	95.7	94.0	1.8%	303550	3.63	3.77	3.8%
Zr	303511	148	154	4.0%	303525	190	179	6.0%	303536	133	156	15.9%	303550	< 5	< 5	0.0%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	303561	0.63	0.82	26.2%	303575	1.85	1.89	2.1%								
Al	303561	7.24	7.91	8.8%	303575	8.88	8.55	3.8%								
As	303561	< 1	< 1	0.0%	303575	< 1	< 1	0.0%								
Ba	303561	356	388	8.6%	303575	167	159	4.9%								
Be	303561	1.4	1.5	6.9%	303575	0.8	0.8	0.0%								
Bi	303561	< 1	< 1	0.0%	303575	< 1	< 1	0.0%								
Ca	303561	2.34	2.53	7.8%	303575	2.18	2.14	1.9%								
Cd	303561	< 0.5	< 0.5	0.0%	303575	1.61	1.86	14.4%								
Ce	303561	39	41	5.0%	303575	56	56	0.0%								
Co	303561	8.61	8.99	4.3%	303575	15.4	15.2	1.3%								
Cr	303561	87.1	87.5	0.5%	303575	131	143	8.8%								
Cu	303561	6.6	6.8	3.0%	303575	59.6	59.1	0.8%								
Fe	303561	3.23	3.58	10.3%	303575	6.90	6.72	2.6%								
Ga	303561	20	21	4.9%	303575	20	20	0.0%								
In	303561	< 1	< 1	0.0%	303575	< 1	< 1	0.0%								
K	303561	1.40	1.53	8.9%	303575	1.66	1.57	5.6%								
La	303561	20	21	4.9%	303575	28	28	0.0%								
Li	303561	27	30	10.5%	303575	53	50	5.8%								
Mg	303561	0.61	0.67	9.4%	303575	1.15	1.09	5.4%								
Mn	303561	532	579	8.5%	303575	4180	4030	3.7%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	303561	9.01	9.55	5.8%	303575	10.8	10.7	0.9%								
Na	303561	3.08	3.27	6.0%	303575	2.21	2.16	2.3%								
Ni	303561	4.3	4.6	6.7%	303575	10.6	10.9	2.8%								
P	303561	577	603	4.4%	303575	927	936	1.0%								
Pb	303561	< 20	< 20	0.0%	303575	32	32	0.0%								
Rb	303561	< 50	< 50	0.0%	303575	< 50	< 50	0.0%								
S	303561	0.06	0.06	0.0%	303575	2.55	2.45	4.0%								
Sb	303561	< 1	< 1	0.0%	303575	< 1	< 1	0.0%								
Sc	303561	11	11	0.0%	303575	22	22	0.0%								
Se	303561	< 10	< 10	0.0%	303575	< 10	< 10	0.0%								
Sn	303561	< 5	< 5	0.0%	303575	< 5	< 5	0.0%								
Sr	303561	159	169	6.1%	303575	183	179	2.2%								
Ta	303561	< 10	< 10	0.0%	303575	< 10	< 10	0.0%								
Te	303561	< 10	< 10	0.0%	303575	< 10	< 10	0.0%								
Th	303561	< 5	< 5	0.0%	303575	< 5	< 5	0.0%								
Ti	303561	0.224	0.247	9.8%	303575	0.308	0.292	5.3%								
Tl	303561	< 5	< 5	0.0%	303575	< 5	< 5	0.0%								
U	303561	< 50	< 50	0.0%	303575	< 50	< 50	0.0%								
V	303561	22.2	23.0	3.5%	303575	38.3	37.1	3.2%								
W	303561	< 1	< 1	0.0%	303575	< 1	< 1	0.0%								
Y	303561	21	22	4.7%	303575	43	43	0.0%								
Zn	303561	54.2	59.9	10.0%	303575	482	478	0.8%								
Zr	303561	180	191	5.9%	303575	159	164	3.1%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Au	303525	0.002	0.003	34.9%	303550	<0.001	<0.001	0%	303575	0.006	0.006	2.2%				



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GTS-2a)				CRM #2 (ref.SY-4)				CRM #3 (ref.Till-2)				CRM #4 (ref.GTS-2a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al					10.95	10.9	100%	90% - 110%	8.17	8.21	100%	90% - 110%	6.96	7.08	102%	90% - 110%
As									26	24	92%	90% - 110%	124	134	108%	90% - 110%
Ba					340	327	96%	90% - 110%	540	503	93%	90% - 110%	186	184	99%	90% - 110%
Be					2.6	2.7	104%	90% - 110%	4.0	3.2	80%	90% - 110%				
Ca					5.72	5.7	100%	90% - 110%	0.907	0.907	100%	90% - 110%	4.01	4.09	102%	90% - 110%
Ce					122	111	91%	90% - 110%	98	90	91%	90% - 110%	24	22	91%	90% - 110%
Co	22.1	20.7	94%	90% - 110%									22.1	23.8	108%	90% - 110%
Cr									60.3	65.5	109%	90% - 110%				
Cu									150	144	96%	90% - 110%	88.6	83.8	95%	90% - 110%
Fe					4.34	4.19	97%	90% - 110%	3.77	3.76	100%	90% - 110%	7.56	7.71	102%	90% - 110%
Ga					35	34	98%	90% - 110%								
K					1.37	1.42	104%	90% - 110%					2.021	2.071	102%	90% - 110%
La					58	55	94%	90% - 110%	44	45	102%	90% - 110%				
Li					37	36	98%	90% - 110%	47	45	95%	90% - 110%				
Mg					0.325	0.307	95%	90% - 110%	1.10	1.1	100%	90% - 110%	2.412	2.499	104%	90% - 110%
Mn									780	759	97%	90% - 110%	1510	1481	98%	90% - 110%
Mo									14	14	101%	90% - 110%				
Na					5.267	5.409	103%	90% - 110%	1.624	1.644	101%	90% - 110%	0.617	0.647	105%	90% - 110%
Ni									32	32	100%	90% - 110%	77.1	77.1	100%	90% - 110%
P									750	779	104%	90% - 110%	892	974	109%	90% - 110%
Pb									31	28	90%	90% - 110%				
S													0.348	0.325	93%	90% - 110%
Sc					1.1	0.9	81%	90% - 110%	12	13	106%	90% - 110%				
Sr					1191	1167	98%	90% - 110%	144	149	103%	90% - 110%	92.8	94.3	102%	90% - 110%
Ti					0.172	0.169	99%	90% - 110%	0.53	0.48	90%	90% - 110%				
V					8	7	81%	90% - 110%	77	82	106%	90% - 110%				
Y					119	125	105%	90% - 110%								
Zn					93	99	107%	90% - 110%	130	127	98%	90% - 110%	208	220	106%	90% - 110%
CRM #5 (ref.SY-4)																
Parameter	Expect	Actual	Recovery	Limits												
Al	10.95	11.18	102%	90% - 110%												



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Ba	340	335	99%	90% - 110%												
Be	2.6	2.8	107%	90% - 110%												
Ca	5.72	5.82	102%	90% - 110%												
Ce	122	113	93%	90% - 110%												
Fe	4.34	4.27	98%	90% - 110%												
Ga	35	35	99%	90% - 110%												
K	1.37	1.46	106%	90% - 110%												
La	58	57	98%	90% - 110%												
Li	37	37	100%	90% - 110%												
Mg	0.325	0.318	98%	90% - 110%												
Na	5.267	5.458	104%	90% - 110%												
Sc	1.1	0.9	85%	90% - 110%												
Sr	1191	1179	99%	90% - 110%												
Ti	0.172	0.173	101%	90% - 110%												
V	8	7	86%	90% - 110%												
Y	119	131	110%	90% - 110%												
Zn	93	99	106%	90% - 110%												

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (GS5W)				CRM #2 (GS6F)				CRM #3 (GSP5G)				CRM #4 (1P5R)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.27	5.70	108%	90% - 110%	6.87	6.72	98%	90% - 110%	0.562	0.571	102%	90% - 110%	1.81	1.78	98%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00669  
 SAMPLING SITE:

AGAT WORK ORDER: 19T484530  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00670

AGAT WORK ORDER: 19T485782

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jul 10, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T485782

PROJECT: AGAT00670

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Jun 26, 2019      DATE RECEIVED: Jun 27, 2019      DATE REPORTED: Jul 10, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D70099 (309581)		2.62
D70100 (309582)		1.94
D70101 (309583)		0.95
D70102 (309584)		3.43
D70103 (309585)		3.88
D70104 (309586)		1.85
D70105 (309587)		1.69
D70106 (309588)		0.07
D70107 (309589)		1.79
D70108 (309590)		3.79
D70109 (309591)		1.87
D70110 (309592)		1.85
D70111 (309593)		2.29
D70112 (309594)		0.61
D70113 (309595)		2.23
D70114 (309596)		1.35
D70115 (309597)		1.85
D70116 (309598)		0.89
D70117 (309599)		3.25
D70118 (309600)		3.25
D70119 (309601)		2.36
D70120 (309602)		1.84
D70121 (309603)		2.32
D70122 (309604)		2.27
D70123 (309605)		2.53
D70124 (309606)		2.94
D70125 (309607)		2.17
D70126 (309608)		0.07
D70127 (309609)		2.15
D70128 (309610)		2.88
D70129 (309611)		2.56

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T485782

PROJECT: AGAT00670

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Jun 26, 2019      DATE RECEIVED: Jun 27, 2019      DATE REPORTED: Jul 10, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D70130 (309612)		0.70
D70131 (309613)		2.38
D70132 (309614)		0.62
D70133 (309615)		2.23
D70134 (309616)		3.01
D70135 (309617)		0.61
D70136 (309618)		2.24
D70137 (309619)		2.41
D70138 (309620)		2.41
D70139 (309621)		0.94
D70140 (309622)		2.60
D70141 (309623)		3.25
D70142 (309624)		3.62
D70143 (309625)		3.73
D70144 (309626)		2.38
D70145 (309627)		0.74
D70146 (309628)		0.06
D70147 (309629)		2.31
D70148 (309630)		2.25
D70149 (309631)		2.31
D70150 (309632)		2.50
D70151 (309633)		2.36
D70152 (309634)		0.57
D70153 (309635)		3.11
D70154 (309636)		3.16
D70155 (309637)		3.15
D70156 (309638)		1.27
D70157 (309639)		1.36
D70158 (309640)		1.36
D70159 (309641)		1.25
D70160 (309642)		0.73

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T485782

PROJECT: AGAT00670

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (200-) Sample Login Weight

DATE SAMPLED: Jun 26, 2019

DATE RECEIVED: Jun 27, 2019

DATE REPORTED: Jul 10, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D70161 (309643)		1.85
D70162 (309644)		0.69
D70163 (309645)		0.66
D70164 (309646)		3.18
D70165 (309647)		2.26
D70166 (309648)		0.07
D70167 (309649)		1.57
D70168 (309650)		1.80
D70169 (309651)		0.73
D70170 (309652)		3.12

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T485782

PROJECT: AGAT00670

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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 26, 2019	DATE RECEIVED: Jun 27, 2019							DATE REPORTED: Jul 10, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D70099 (309581)	<0.5	8.00	<1	63	<0.5	<1	8.55	<0.5	4	51.5	148	108	8.98	21	
D70100 (309582)	<0.5	8.48	<1	49	<0.5	<1	8.27	<0.5	4	54.6	132	100	9.37	23	
D70101 (309583)	<0.5	6.28	<1	136	1.7	<1	1.42	<0.5	3	2.1	77.8	7.2	0.67	14	
D70102 (309584)	<0.5	7.81	<1	69	<0.5	<1	8.66	<0.5	4	50.4	127	155	9.00	20	
D70103 (309585)	<0.5	7.73	<1	171	<0.5	<1	6.38	<0.5	4	50.6	90.7	107	9.30	22	
D70104 (309586)	<0.5	7.84	<1	161	<0.5	<1	6.70	<0.5	5	51.9	90.8	136	10.3	24	
D70105 (309587)	<0.5	7.85	<1	288	<0.5	<1	6.76	<0.5	5	52.5	66.6	74.1	10.2	24	
D70106 (309588)	<0.5	7.48	<1	184	<0.5	<1	5.98	<0.5	17	50.7	183	102	7.58	21	
D70107 (309589)	<0.5	7.12	<1	211	<0.5	<1	7.03	<0.5	6	50.2	113	97.4	9.70	24	
D70108 (309590)	<0.5	7.45	<1	73	<0.5	<1	5.52	<0.5	8	55.2	105	99.8	10.7	25	
D70109 (309591)	<0.5	7.43	<1	210	<0.5	<1	5.80	<0.5	10	48.2	403	63.9	9.01	23	
D70110 (309592)	<0.5	8.00	<1	297	<0.5	<1	5.71	<0.5	12	44.4	240	78.0	9.35	25	
D70111 (309593)	<0.5	7.89	<1	385	0.8	<1	2.95	<0.5	41	24.1	182	36.1	4.68	20	
D70112 (309594)	<0.5	0.07	1	17	<0.5	<1	31.1	<0.5	<1	0.7	5.6	<0.5	0.11	6	
D70113 (309595)	<0.5	8.03	<1	411	0.7	<1	2.85	<0.5	47	23.1	155	41.9	4.44	21	
D70114 (309596)	<0.5	7.63	<1	523	0.7	<1	3.24	<0.5	49	23.8	173	42.9	4.34	20	
D70115 (309597)	0.8	3.62	5	748	<0.5	<1	8.03	<0.5	95	78.7	851	85.7	7.83	19	
D70116 (309598)	0.5	6.29	4	747	3.1	<1	4.80	<0.5	76	40.0	276	63.1	5.40	21	
D70117 (309599)	<0.5	5.89	<1	998	0.9	<1	8.55	<0.5	117	48.0	488	60.2	7.35	16	
D70118 (309600)	<0.5	5.90	<1	1030	0.9	<1	8.61	<0.5	116	47.5	475	62.4	7.59	15	
D70119 (309601)	<0.5	7.14	2	449	0.9	<1	3.07	<0.5	45	22.7	94.8	38.8	3.97	18	
D70120 (309602)	<0.5	7.84	<1	470	0.8	<1	2.38	<0.5	49	21.9	109	38.7	3.92	21	
D70121 (309603)	<0.5	7.77	<1	544	0.7	<1	2.71	<0.5	49	22.1	93.9	34.6	4.15	21	
D70122 (309604)	0.5	7.81	<1	557	0.7	<1	2.60	<0.5	51	23.5	101	41.0	4.30	20	
D70123 (309605)	<0.5	7.27	<1	516	0.7	<1	2.68	<0.5	45	23.4	114	35.7	4.10	21	
D70124 (309606)	<0.5	7.92	<1	755	1.0	<1	2.39	<0.5	56	21.1	97.9	35.7	3.72	21	
D70125 (309607)	<0.5	7.99	<1	731	0.8	<1	2.49	<0.5	58	21.5	88.7	35.1	3.99	20	
D70126 (309608)	<0.5	7.88	2	88	<0.5	<1	7.31	<0.5	5	44.4	172	162	7.74	18	
D70127 (309609)	<0.5	8.00	<1	772	0.9	<1	2.63	<0.5	63	21.3	107	34.8	3.78	20	
D70128 (309610)	0.6	8.07	<1	773	0.8	<1	2.44	<0.5	53	22.5	92.2	54.3	4.21	21	
D70129 (309611)	<0.5	8.05	<1	861	0.9	<1	2.70	<0.5	61	22.3	84.6	55.9	4.00	20	
D70130 (309612)	<0.5	6.53	<1	685	0.5	<1	4.27	<0.5	69	40.8	296	28.9	4.99	19	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T485782

PROJECT: AGAT00670

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 26, 2019	DATE RECEIVED: Jun 27, 2019							DATE REPORTED: Jul 10, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D70131 (309613)	<0.5	7.92	<1	800	0.9	<1	3.07	<0.5	51	23.8	118	16.3	4.38	20	
D70132 (309614)	<0.5	0.07	1	17	<0.5	<1	29.8	<0.5	<1	<0.5	4.1	<0.5	0.09	5	
D70133 (309615)	<0.5	7.49	<1	692	0.9	<1	3.61	<0.5	52	25.7	136	51.1	4.57	20	
D70134 (309616)	<0.5	7.14	<1	708	1.0	<1	4.64	<0.5	57	30.9	261	26.3	4.99	21	
D70135 (309617)	<0.5	7.26	2	838	1.3	<1	1.43	<0.5	24	5.2	34.2	1.3	1.17	18	
D70136 (309618)	<0.5	6.22	<1	779	2.0	<1	5.17	<0.5	50	38.8	394	51.0	5.84	18	
D70137 (309619)	<0.5	7.34	<1	671	1.1	<1	4.31	<0.5	60	31.1	302	36.3	5.04	21	
D70138 (309620)	<0.5	7.20	<1	664	1.1	<1	4.26	<0.5	62	30.9	298	33.2	4.94	21	
D70139 (309621)	<0.5	6.96	<1	401	1.1	<1	2.99	<0.5	65	24.6	295	9.2	4.53	23	
D70140 (309622)	<0.5	6.70	<1	840	1.0	<1	4.37	<0.5	55	32.2	401	36.2	4.85	19	
D70141 (309623)	<0.5	7.72	<1	1070	1.2	<1	3.69	<0.5	57	27.7	273	53.3	4.60	20	
D70142 (309624)	<0.5	6.96	<1	925	1.1	<1	4.71	<0.5	53	33.9	418	46.6	5.00	18	
D70143 (309625)	<0.5	7.05	<1	941	1.6	<1	4.56	<0.5	50	29.7	336	14.6	4.77	19	
D70144 (309626)	<0.5	7.09	<1	1130	2.6	<1	4.22	<0.5	54	29.2	337	59.3	4.60	18	
D70145 (309627)	<0.5	7.52	<1	1210	1.7	<1	3.26	<0.5	104	22.6	354	119	3.84	19	
D70146 (309628)	<0.5	7.46	4	84	<0.5	<1	6.91	<0.5	5	45.4	171	158	7.33	19	
D70147 (309629)	<0.5	5.84	<1	1010	1.0	<1	5.43	<0.5	45	46.2	902	21.7	6.07	16	
D70148 (309630)	<0.5	7.30	<1	901	1.0	<1	4.28	<0.5	55	32.7	273	56.6	5.21	20	
D70149 (309631)	<0.5	7.37	<1	776	0.8	<1	2.72	<0.5	53	26.6	152	35.5	4.62	20	
D70150 (309632)	<0.5	7.51	<1	732	1.0	<1	2.73	<0.5	53	26.9	127	44.1	4.52	21	
D70151 (309633)	<0.5	7.45	<1	741	0.7	<1	2.64	<0.5	51	25.2	110	48.9	4.56	19	
D70152 (309634)	<0.5	0.06	1	14	<0.5	<1	27.3	<0.5	<1	<0.5	2.9	<0.5	0.13	6	
D70153 (309635)	<0.5	7.54	<1	860	1.0	<1	3.29	<0.5	60	27.0	128	40.2	4.60	21	
D70154 (309636)	<0.5	7.53	<1	500	<0.5	<1	7.93	<0.5	77	46.5	107	113	7.11	20	
D70155 (309637)	<0.5	8.06	<1	143	<0.5	<1	7.08	<0.5	10	42.5	112	108	6.89	20	
D70156 (309638)	<0.5	6.94	<1	718	2.9	<1	4.18	<0.5	35	26.3	154	47.3	4.87	19	
D70157 (309639)	<0.5	5.62	<1	2240	2.7	<1	9.85	<0.5	196	44.3	128	98.9	8.64	20	
D70158 (309640)	<0.5	5.58	<1	2250	2.7	<1	9.97	<0.5	194	44.3	121	102	8.65	21	
D70159 (309641)	<0.5	5.46	14	725	3.7	<1	6.25	<0.5	97	49.2	313	120	6.73	20	
D70160 (309642)	<0.5	8.31	<1	182	0.6	<1	7.35	<0.5	15	40.9	147	111	7.23	18	
D70161 (309643)	<0.5	6.91	2	687	1.8	<1	4.28	<0.5	65	31.9	216	101	5.23	21	
D70162 (309644)	<0.5	5.33	<1	574	2.8	<1	6.44	<0.5	93	55.0	355	88.0	7.31	21	

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## Certificate of Analysis

AGAT WORK ORDER: 19T485782

PROJECT: AGAT00670

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 26, 2019		DATE RECEIVED: Jun 27, 2019					DATE REPORTED: Jul 10, 2019					SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
D70163 (309645)		<0.5	6.56	3	484	2.9	<1	3.35	<0.5	74	23.8	172	26.2	3.28	21
D70164 (309646)		0.5	8.18	<1	874	1.0	<1	3.37	<0.5	61	26.3	127	44.8	5.02	22
D70165 (309647)		<0.5	8.48	<1	999	1.0	<1	3.22	<0.5	55	24.7	124	61.4	5.09	20
D70166 (309648)		<0.5	7.71	<1	149	<0.5	<1	6.65	<0.5	6	47.7	174	158	8.21	20
D70167 (309649)		<0.5	7.48	<1	731	1.2	<1	3.54	<0.5	56	28.1	213	47.6	4.97	21
D70168 (309650)		<0.5	7.47	<1	717	2.5	<1	2.47	<0.5	31	11.6	72.3	3.5	2.03	20
D70169 (309651)		0.7	5.40	<1	833	1.1	<1	5.59	<0.5	98	53.9	428	37.4	5.61	18
D70170 (309652)		0.5	8.17	<1	1020	1.4	<1	4.12	<0.5	62	22.7	251	36.6	4.17	20

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 26, 2019	DATE RECEIVED: Jun 27, 2019					DATE REPORTED: Jul 10, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D70099 (309581)	<1	0.20	4	14	2.52	1540	3.2	1.73	80.9	281	<20	<50	0.10	<1	
D70100 (309582)	<1	0.45	5	13	2.51	1700	3.2	2.03	84.7	277	<20	<50	0.09	<1	
D70101 (309583)	<1	1.60	2	4	0.12	129	10.4	2.99	3.2	22	<20	<50	0.01	<1	
D70102 (309584)	<1	0.35	4	12	2.29	1710	3.9	1.79	77.4	320	<20	<50	0.15	<1	
D70103 (309585)	<1	0.32	5	21	4.01	1330	2.0	1.82	71.3	261	<20	<50	0.08	<1	
D70104 (309586)	<1	0.49	5	16	3.11	1880	3.6	1.61	46.6	403	<20	<50	0.13	<1	
D70105 (309587)	<1	0.99	5	19	3.19	1450	1.7	1.49	47.1	360	<20	<50	0.07	<1	
D70106 (309588)	<1	0.43	11	10	4.14	1240	<0.5	2.34	107	872	<20	<50	0.09	<1	
D70107 (309589)	<1	0.66	5	20	2.82	1600	4.4	1.22	49.4	385	<20	<50	0.12	<1	
D70108 (309590)	<1	0.24	7	18	3.44	1820	2.6	1.55	55.1	521	<20	<50	0.23	<1	
D70109 (309591)	<1	0.30	6	17	3.42	1860	4.5	1.66	101	726	<20	<50	0.11	<1	
D70110 (309592)	<1	0.32	7	14	3.26	1990	3.4	1.85	76.4	730	<20	<50	0.12	<1	
D70111 (309593)	<1	0.94	22	17	1.67	915	5.8	3.24	51.8	627	<20	<50	0.09	<1	
D70112 (309594)	<1	0.01	<2	1	2.39	66	<0.5	0.04	0.7	87	<20	<50	0.03	1	
D70113 (309595)	<1	1.02	24	12	1.54	776	4.9	3.29	46.3	728	<20	<50	0.11	<1	
D70114 (309596)	<1	1.16	25	14	1.73	836	6.8	3.32	48.7	798	<20	<50	0.12	<1	
D70115 (309597)	<1	2.11	51	30	8.50	1280	1.5	1.11	366	2190	<20	<50	0.15	<1	
D70116 (309598)	<1	1.55	40	30	2.89	969	5.1	3.65	91.3	1580	<20	<50	0.17	<1	
D70117 (309599)	<1	2.64	60	29	6.28	1280	1.2	1.77	169	2180	<20	<50	0.09	<1	
D70118 (309600)	<1	2.65	59	29	6.25	1280	<0.5	1.84	168	2080	<20	<50	0.10	<1	
D70119 (309601)	<1	1.24	23	18	1.56	724	1.2	3.17	45.7	717	<20	<50	0.12	<1	
D70120 (309602)	<1	1.45	25	23	1.62	702	1.2	3.07	47.7	641	<20	<50	0.11	<1	
D70121 (309603)	<1	1.38	26	24	1.53	747	1.0	2.86	42.3	698	<20	<50	0.11	<1	
D70122 (309604)	<1	1.55	27	29	1.58	760	1.0	2.77	46.3	747	<20	<50	0.12	<1	
D70123 (309605)	<1	1.48	24	25	1.66	690	0.8	2.43	49.8	659	<20	<50	0.10	<1	
D70124 (309606)	<1	1.75	30	29	1.46	558	<0.5	2.86	42.5	690	<20	<50	0.10	<1	
D70125 (309607)	<1	1.72	31	29	1.52	669	1.0	2.86	41.9	712	<20	<50	0.10	<1	
D70126 (309608)	<1	0.26	5	14	4.54	1290	<0.5	1.78	94.9	326	<20	<50	0.21	<1	
D70127 (309609)	<1	1.52	33	26	1.74	621	1.2	3.02	49.6	716	<20	<50	0.08	<1	
D70128 (309610)	<1	1.73	29	29	1.43	665	0.8	2.84	44.1	684	<20	<50	0.14	<1	
D70129 (309611)	<1	1.38	32	26	1.87	610	0.8	3.30	48.7	722	<20	<50	0.12	<1	
D70130 (309612)	<1	1.73	37	34	4.20	852	0.8	2.31	174	1110	<20	<50	0.08	<1	

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AGAT WORK ORDER: 19T485782

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 26, 2019

DATE RECEIVED: Jun 27, 2019

DATE REPORTED: Jul 10, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D70131 (309613)		<1	2.21	26	26	1.94	700	1.0	2.45	50.3	710	<20	<50	0.04	<1
D70132 (309614)		3	0.02	2	<1	2.25	56	<0.5	0.04	<0.5	64	<20	<50	0.03	2
D70133 (309615)		<1	1.89	27	19	2.40	788	1.4	2.41	50.8	809	<20	<50	0.08	<1
D70134 (309616)		<1	1.71	30	23	3.75	897	<0.5	2.33	82.0	1050	<20	<50	0.03	<1
D70135 (309617)		<1	3.07	13	7	0.63	183	1.0	2.87	17.4	142	<20	<50	0.01	1
D70136 (309618)		<1	2.12	25	45	5.50	1060	<0.5	1.93	142	1070	<20	<50	0.03	<1
D70137 (309619)		<1	2.07	31	27	4.15	938	<0.5	2.51	92.4	1180	<20	<50	0.03	<1
D70138 (309620)		<1	2.02	32	26	4.08	923	<0.5	2.47	92.5	1180	<20	<50	0.03	<1
D70139 (309621)		<1	2.32	34	33	3.32	906	<0.5	2.35	85.7	871	<20	<50	0.01	<1
D70140 (309622)		<1	2.15	28	26	4.97	882	<0.5	2.20	130	1130	<20	<50	0.03	<1
D70141 (309623)		<1	2.40	29	29	3.80	781	<0.5	2.75	88.4	1240	<20	<50	0.04	<1
D70142 (309624)		<1	2.30	27	27	5.32	872	<0.5	2.29	150	1220	<20	<50	0.02	<1
D70143 (309625)		<1	2.36	26	38	4.84	868	<0.5	2.47	118	1070	<20	<50	0.01	<1
D70144 (309626)		<1	2.57	28	31	4.62	776	<0.5	2.48	111	1890	<20	<50	0.03	<1
D70145 (309627)		<1	3.25	55	22	3.98	734	<0.5	2.52	108	1250	<20	<50	0.04	<1
D70146 (309628)		<1	0.25	5	13	4.29	1220	<0.5	1.70	96.0	326	<20	<50	0.20	<1
D70147 (309629)		<1	3.09	23	40	8.77	1120	<0.5	1.14	286	1450	<20	<50	0.01	<1
D70148 (309630)		<1	1.90	29	22	4.47	893	<0.5	2.55	88.3	1140	<20	<50	0.06	<1
D70149 (309631)		<1	1.76	27	21	2.52	728	0.8	3.00	55.0	893	<20	<50	0.09	<1
D70150 (309632)		<1	1.69	27	32	2.19	735	2.0	3.11	56.8	873	<20	<50	0.12	<1
D70151 (309633)		<1	1.82	26	31	2.17	715	0.8	2.98	49.0	810	<20	<50	0.11	<1
D70152 (309634)		3	0.02	2	<1	4.91	106	<0.5	0.04	<0.5	70	<20	<50	0.03	1
D70153 (309635)		<1	1.79	30	31	2.47	762	0.5	3.18	49.8	1080	<20	<50	0.09	<1
D70154 (309636)		<1	1.01	41	13	4.32	1230	1.0	1.92	68.8	1700	<20	<50	0.13	<1
D70155 (309637)		<1	0.53	8	6	4.20	1200	<0.5	1.72	89.0	234	<20	<50	0.09	<1
D70156 (309638)		<1	2.56	19	27	2.92	882	<0.5	3.50	59.1	1170	<20	<50	0.07	<1
D70157 (309639)		<1	3.14	99	64	4.44	1580	<0.5	1.53	64.7	3210	<20	<50	0.18	<1
D70158 (309640)		<1	3.13	98	63	4.46	1570	<0.5	1.52	65.3	3370	<20	<50	0.17	<1
D70159 (309641)		<1	1.45	51	51	5.71	1190	1.4	3.80	204	2400	<20	<50	0.13	<1
D70160 (309642)		<1	0.78	11	10	4.34	1290	1.4	2.47	84.9	350	<20	<50	0.10	<1
D70161 (309643)		<1	0.95	34	21	3.37	907	0.9	4.24	79.4	1030	<20	<50	0.14	<1
D70162 (309644)		<1	2.00	47	42	5.45	1340	<0.5	2.22	153	2300	<20	<50	0.13	<1

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AGAT WORK ORDER: 19T485782

PROJECT: AGAT00670

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 26, 2019	DATE RECEIVED: Jun 27, 2019					DATE REPORTED: Jul 10, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D70163 (309645)	<1	2.52	39	19	2.39	598	1.9	3.38	92.5	957	<20	<50	0.05	<1	
D70164 (309646)	<1	2.08	31	35	2.79	821	<0.5	3.35	44.1	1250	<20	<50	0.05	<1	
D70165 (309647)	<1	2.43	27	42	2.88	820	<0.5	3.30	41.8	1230	<20	<50	0.07	<1	
D70166 (309648)	<1	0.22	5	12	4.37	1360	<0.5	2.44	84.4	392	<20	<50	0.15	<1	
D70167 (309649)	<1	2.38	28	32	3.42	878	<0.5	2.78	67.1	1090	<20	<50	0.06	<1	
D70168 (309650)	<1	1.83	16	20	1.40	367	<0.5	3.34	35.2	493	<20	<50	0.01	<1	
D70169 (309651)	<1	1.86	50	48	7.16	1010	1.0	2.97	323	1810	<20	<50	0.03	<1	
D70170 (309652)	<1	2.28	31	26	3.24	713	<0.5	3.29	67.8	1260	<20	<50	0.03	<1	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 26, 2019	DATE RECEIVED: Jun 27, 2019					DATE REPORTED: Jul 10, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D70099 (309581)	47	<10	<5	119	<10	<10	<5	0.64	<5	<50	312	<1	24	97.2	
D70100 (309582)	51	<10	<5	123	<10	<10	<5	0.68	<5	<50	335	<1	26	105	
D70101 (309583)	2	<10	<5	112	<10	<10	<5	0.04	<5	<50	9.8	<1	2	13.5	
D70102 (309584)	47	<10	<5	91	<10	<10	<5	0.64	<5	<50	308	<1	24	90.4	
D70103 (309585)	48	<10	<5	133	<10	<10	<5	0.65	<5	<50	310	<1	24	88.9	
D70104 (309586)	48	<10	<5	113	<10	<10	<5	0.77	<5	<50	352	<1	29	103	
D70105 (309587)	49	<10	<5	104	<10	<10	<5	0.74	<5	<50	352	<1	28	118	
D70106 (309588)	34	<10	<5	244	<10	<10	<5	0.85	<5	<50	234	<1	23	83.9	
D70107 (309589)	47	<10	<5	79	<10	<10	<5	0.78	<5	<50	327	<1	30	99.9	
D70108 (309590)	45	<10	<5	139	<10	<10	<5	1.07	<5	<50	368	<1	33	174	
D70109 (309591)	39	<10	<5	118	<10	<10	<5	0.88	<5	<50	218	<1	34	99.1	
D70110 (309592)	36	<10	<5	184	<10	<10	<5	0.86	<5	<50	200	<1	40	87.6	
D70111 (309593)	18	<10	<5	345	<10	<10	<5	0.38	<5	<50	124	<1	12	59.8	
D70112 (309594)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	0.6	<1	2	3.8	
D70113 (309595)	16	<10	<5	479	<10	<10	<5	0.38	<5	<50	118	<1	12	62.3	
D70114 (309596)	16	<10	<5	437	<10	<10	<5	0.41	<5	<50	118	<1	13	64.4	
D70115 (309597)	26	<10	<5	763	<10	<10	<5	1.95	<5	<50	259	<1	21	77.1	
D70116 (309598)	22	<10	<5	706	<10	<10	<5	0.96	<5	<50	190	<1	25	169	
D70117 (309599)	24	<10	<5	819	<10	<10	<5	0.72	<5	<50	169	<1	22	77.8	
D70118 (309600)	24	<10	<5	825	<10	<10	<5	0.71	<5	<50	169	<1	22	78.5	
D70119 (309601)	14	<10	<5	421	<10	<10	<5	0.38	<5	<50	94.9	<1	12	55.3	
D70120 (309602)	14	<10	<5	471	<10	<10	<5	0.36	<5	<50	105	<1	13	61.2	
D70121 (309603)	15	<10	<5	470	<10	<10	<5	0.38	<5	<50	108	<1	14	72.7	
D70122 (309604)	16	<10	<5	501	<10	<10	<5	0.38	<5	<50	117	<1	14	67.0	
D70123 (309605)	17	<10	<5	452	<10	<10	<5	0.37	<5	<50	120	<1	15	69.3	
D70124 (309606)	14	<10	<5	616	<10	<10	<5	0.35	<5	<50	105	<1	13	62.1	
D70125 (309607)	14	<10	<5	652	<10	<10	<5	0.37	<5	<50	105	<1	13	67.9	
D70126 (309608)	41	<10	<5	180	<10	<10	<5	0.63	<5	<50	260	<1	20	73.5	
D70127 (309609)	14	<10	<5	806	<10	<10	<5	0.35	<5	<50	107	<1	12	66.0	
D70128 (309610)	14	<10	<5	611	<10	<10	<5	0.38	<5	<50	109	<1	11	64.9	
D70129 (309611)	14	<10	<5	752	<10	<10	<5	0.37	<5	<50	107	<1	12	69.7	
D70130 (309612)	16	<10	<5	643	<10	<10	<5	0.83	<5	<50	146	<1	14	72.2	

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 26, 2019

DATE RECEIVED: Jun 27, 2019

DATE REPORTED: Jul 10, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D70131 (309613)	16	<10	<5	628	<10	<10	<5	0.37	<5	<50	121	<1	14	68.8
D70132 (309614)	<1	<10	<5	65	<10	<10	<5	<0.01	<5	<50	<0.5	<1	2	3.3
D70133 (309615)	18	<10	<5	611	<10	<10	<5	0.37	<5	<50	122	<1	14	75.7
D70134 (309616)	21	<10	<5	724	<10	<10	<5	0.37	<5	<50	130	<1	15	88.0
D70135 (309617)	3	<10	<5	382	<10	<10	<5	0.07	<5	<50	15.4	<1	3	23.9
D70136 (309618)	28	<10	<5	585	<10	<10	<5	0.39	<5	<50	147	<1	14	85.4
D70137 (309619)	21	<10	<5	675	<10	<10	<5	0.35	<5	<50	123	<1	14	96.4
D70138 (309620)	21	<10	<5	673	<10	<10	<5	0.35	<5	<50	125	<1	14	95.7
D70139 (309621)	17	<10	<5	404	<10	<10	<5	0.31	<5	<50	88.4	<1	11	129
D70140 (309622)	19	<10	<5	684	<10	<10	<5	0.34	<5	<50	120	<1	13	78.9
D70141 (309623)	18	<10	<5	853	<10	<10	<5	0.36	<5	<50	121	<1	14	71.5
D70142 (309624)	21	<10	<5	747	<10	<10	<5	0.35	<5	<50	124	<1	13	75.6
D70143 (309625)	22	<10	<5	895	<10	<10	<5	0.32	<5	<50	116	<1	14	82.0
D70144 (309626)	22	<10	<5	867	<10	<10	<5	0.33	<5	<50	135	<1	14	72.9
D70145 (309627)	15	<10	<5	583	<10	<10	<5	0.29	<5	<50	91.6	<1	23	71.9
D70146 (309628)	42	<10	<5	172	<10	<10	<5	0.59	<5	<50	267	<1	20	72.3
D70147 (309629)	25	<10	<5	424	<10	<10	<5	0.35	<5	<50	140	<1	13	78.9
D70148 (309630)	22	<10	<5	794	<10	<10	<5	0.37	<5	<50	139	<1	14	75.4
D70149 (309631)	19	<10	<5	576	<10	<10	<5	0.40	<5	<50	132	<1	14	72.2
D70150 (309632)	19	<10	<5	668	<10	<10	<5	0.39	<5	<50	131	<1	15	72.3
D70151 (309633)	18	<10	<5	627	<10	<10	<5	0.40	<5	<50	129	<1	15	70.9
D70152 (309634)	<1	<10	<5	58	<10	<10	<5	<0.01	<5	<50	0.6	<1	2	4.7
D70153 (309635)	19	<10	<5	697	<10	<10	<5	0.43	<5	<50	136	<1	16	73.7
D70154 (309636)	36	<10	<5	420	<10	<10	<5	0.98	<5	<50	229	<1	22	76.4
D70155 (309637)	40	<10	<5	126	<10	<10	<5	0.39	<5	<50	228	<1	16	65.2
D70156 (309638)	23	<10	<5	536	<10	<10	<5	0.30	<5	<50	127	<1	12	80.8
D70157 (309639)	13	<10	<5	1390	<10	<10	<5	0.59	<5	<50	232	<1	34	93.6
D70158 (309640)	13	<10	<5	1400	<10	<10	<5	0.60	<5	<50	233	<1	34	94.6
D70159 (309641)	24	<10	<5	899	<10	<10	<5	0.85	<5	<50	216	<1	29	85.7
D70160 (309642)	38	<10	<5	188	<10	<10	<5	0.41	<5	<50	217	<1	17	69.8
D70161 (309643)	20	<10	<5	804	<10	<10	<5	0.46	<5	<50	149	<1	16	82.7
D70162 (309644)	30	<10	<5	676	<10	<10	<5	1.00	<5	<50	239	<1	21	97.3

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T485782

PROJECT: AGAT00670

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 26, 2019	DATE RECEIVED: Jun 27, 2019					DATE REPORTED: Jul 10, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D70163 (309645)	9	<10	<5	530	<10	<10	<5	0.51	<5	<50	77.9	<1	11	50.0	
D70164 (309646)	18	<10	<5	707	<10	<10	<5	0.43	<5	<50	139	<1	16	78.4	
D70165 (309647)	17	<10	<5	736	<10	<10	<5	0.41	<5	<50	128	<1	15	78.1	
D70166 (309648)	46	<10	<5	117	<10	<10	<5	0.71	<5	<50	300	<1	23	75.2	
D70167 (309649)	20	<10	<5	543	<10	<10	<5	0.36	<5	<50	130	<1	16	82.0	
D70168 (309650)	9	<10	<5	554	<10	<10	<5	0.19	<5	<50	48.5	<1	14	37.1	
D70169 (309651)	17	<10	<5	742	<10	<10	<5	1.11	<5	<50	160	<1	19	64.7	
D70170 (309652)	14	<10	<5	741	<10	<10	<5	0.36	<5	<50	107	<1	14	67.0	

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## Certificate of Analysis

AGAT WORK ORDER: 19T485782

PROJECT: AGAT00670

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 26, 2019      DATE RECEIVED: Jun 27, 2019      DATE REPORTED: Jul 10, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D70099 (309581)				16
D70100 (309582)				17
D70101 (309583)				38
D70102 (309584)				21
D70103 (309585)				16
D70104 (309586)				15
D70105 (309587)				15
D70106 (309588)				95
D70107 (309589)				16
D70108 (309590)				17
D70109 (309591)				17
D70110 (309592)				20
D70111 (309593)				99
D70112 (309594)				<5
D70113 (309595)				105
D70114 (309596)				110
D70115 (309597)				214
D70116 (309598)				165
D70117 (309599)				88
D70118 (309600)				67
D70119 (309601)				104
D70120 (309602)				109
D70121 (309603)				111
D70122 (309604)				112
D70123 (309605)				100
D70124 (309606)				110
D70125 (309607)				112
D70126 (309608)				45
D70127 (309609)				112
D70128 (309610)				112
D70129 (309611)				104
D70130 (309612)				120

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# Certificate of Analysis

AGAT WORK ORDER: 19T485782

PROJECT: AGAT00670

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 26, 2019

DATE RECEIVED: Jun 27, 2019

DATE REPORTED: Jul 10, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D70131 (309613)				96
D70132 (309614)				<5
D70133 (309615)				93
D70134 (309616)				78
D70135 (309617)				49
D70136 (309618)				47
D70137 (309619)				70
D70138 (309620)				50
D70139 (309621)				75
D70140 (309622)				86
D70141 (309623)				47
D70142 (309624)				61
D70143 (309625)				71
D70144 (309626)				88
D70145 (309627)				54
D70146 (309628)				45
D70147 (309629)				72
D70148 (309630)				52
D70149 (309631)				102
D70150 (309632)				94
D70151 (309633)				101
D70152 (309634)				<5
D70153 (309635)				71
D70154 (309636)				130
D70155 (309637)				52
D70156 (309638)				70
D70157 (309639)				79
D70158 (309640)				85
D70159 (309641)				119
D70160 (309642)				56
D70161 (309643)				114
D70162 (309644)				149

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# Certificate of Analysis

AGAT WORK ORDER: 19T485782

PROJECT: AGAT00670

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 26, 2019

DATE RECEIVED: Jun 27, 2019

DATE REPORTED: Jul 10, 2019

SAMPLE TYPE: Drill Core


Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D70163 (309645)	84
D70164 (309646)	106
D70165 (309647)	97
D70166 (309648)	57
D70167 (309649)	91
D70168 (309650)	85
D70169 (309651)	158
D70170 (309652)	116

Comments: RDL - Reported Detection Limit

309581-309652 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

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## Certificate of Analysis

AGAT WORK ORDER: 19T485782

PROJECT: AGAT00670

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 26, 2019      DATE RECEIVED: Jun 27, 2019      DATE REPORTED: Jul 10, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D70099 (309581)			0.004
D70100 (309582)			0.003
D70101 (309583)			0.001
D70102 (309584)			0.003
D70103 (309585)			0.001
D70104 (309586)			0.002
D70105 (309587)			0.003
D70106 (309588)			0.325
D70107 (309589)			0.005
D70108 (309590)			0.006
D70109 (309591)			0.006
D70110 (309592)			0.006
D70111 (309593)			0.014
D70112 (309594)			0.005
D70113 (309595)			0.017
D70114 (309596)			0.008
D70115 (309597)			0.002
D70116 (309598)			0.005
D70117 (309599)			0.002
D70118 (309600)			0.003
D70119 (309601)			0.013
D70120 (309602)			0.010
D70121 (309603)			0.014
D70122 (309604)			0.036
D70123 (309605)			0.010
D70124 (309606)			0.006
D70125 (309607)			0.017
D70126 (309608)			1.20
D70127 (309609)			0.006
D70128 (309610)			0.019
D70129 (309611)			0.004
D70130 (309612)			0.002

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T485782

PROJECT: AGAT00670

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 26, 2019      DATE RECEIVED: Jun 27, 2019      DATE REPORTED: Jul 10, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D70131 (309613)		0.007	
D70132 (309614)		<0.001	
D70133 (309615)		0.005	
D70134 (309616)		0.004	
D70135 (309617)		0.003	
D70136 (309618)		0.002	
D70137 (309619)		0.002	
D70138 (309620)		0.003	
D70139 (309621)		0.002	
D70140 (309622)		0.002	
D70141 (309623)		0.002	
D70142 (309624)		0.003	
D70143 (309625)		0.002	
D70144 (309626)		0.002	
D70145 (309627)		0.004	
D70146 (309628)		1.23	
D70147 (309629)		0.005	
D70148 (309630)		0.003	
D70149 (309631)		0.003	
D70150 (309632)		0.003	
D70151 (309633)		0.004	
D70152 (309634)		0.001	
D70153 (309635)		0.004	
D70154 (309636)		0.004	
D70155 (309637)		0.004	
D70156 (309638)		0.002	
D70157 (309639)		0.001	
D70158 (309640)		0.001	
D70159 (309641)		0.002	
D70160 (309642)		0.005	
D70161 (309643)		0.003	
D70162 (309644)		0.003	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T485782

PROJECT: AGAT00670

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 26, 2019	DATE RECEIVED: Jun 27, 2019	DATE REPORTED: Jul 10, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au	ppm	0.001	
D70163 (309645)				0.002
D70164 (309646)				0.003
D70165 (309647)				0.002
D70166 (309648)				0.525
D70167 (309649)				0.002
D70168 (309650)				0.001
D70169 (309651)				0.001
D70170 (309652)				0.004

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T485782

PROJECT: AGAT00670

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## Sieving - % Passing (Crushing)

DATE SAMPLED: Jun 26, 2019

DATE RECEIVED: Jun 27, 2019

DATE REPORTED: Jul 10, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D70099 (309581)		77.42
D70100 (309582)		80.96
D70118 (309600)		75.09
D70119 (309601)		78.20
D70135 (309617)		91.32
D70136 (309618)		84.33
D70137 (309619)		85.32
D70158 (309640)		82.27

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





# Certificate of Analysis

AGAT WORK ORDER: 19T485782

PROJECT: AGAT00670

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jun 26, 2019

DATE RECEIVED: Jun 27, 2019

DATE REPORTED: Jul 10, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL: 0.01
D70099 (309581)	88.86

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	309581	< 0.5	< 0.5	0.0%	309595	< 0.5	< 0.5	0.0%	309606	< 0.5	< 0.5	0.0%	309620	< 0.5	< 0.5	0.0%
Al	309581	8.00	8.22	2.7%	309595	8.03	8.32	3.5%	309606	7.92	8.18	3.2%	309620	7.20	7.37	2.3%
As	309581	< 1	< 1	0.0%	309595	< 1	< 1	0.0%	309606	< 1	< 1	0.0%	309620	< 1	< 1	0.0%
Ba	309581	63	64	1.6%	309595	411	417	1.4%	309606	755	768	1.7%	309620	664	678	2.1%
Be	309581	< 0.5	< 0.5	0.0%	309595	0.7	0.7	0.0%	309606	1.0	1.0	0.0%	309620	1.1	1.1	0.0%
Bi	309581	< 1	< 1	0.0%	309595	< 1	< 1	0.0%	309606	< 1	< 1	0.0%	309620	< 1	< 1	0.0%
Ca	309581	8.55	8.74	2.2%	309595	2.85	2.89	1.4%	309606	2.39	2.41	0.8%	309620	4.26	4.36	2.3%
Cd	309581	< 0.5	< 0.5	0.0%	309595	< 0.5	< 0.5	0.0%	309606	< 0.5	< 0.5	0.0%	309620	< 0.5	< 0.5	0.0%
Ce	309581	4	4	0.0%	309595	47	49	4.2%	309606	56	58	3.5%	309620	62	62	0.0%
Co	309581	51.5	53.9	4.6%	309595	23.1	23.1	0.0%	309606	21.1	21.6	2.3%	309620	30.9	31.1	0.6%
Cr	309581	148	114	26.0%	309595	155	145	6.7%	309606	97.9	103	5.1%	309620	298	323	8.1%
Cu	309581	108	113	4.5%	309595	41.9	43.0	2.6%	309606	35.7	36.0	0.8%	309620	33.2	34.5	3.8%
Fe	309581	8.98	9.18	2.2%	309595	4.44	4.58	3.1%	309606	3.72	3.86	3.7%	309620	4.94	5.05	2.2%
Ga	309581	21	24	13.3%	309595	21	20	4.9%	309606	21	20	4.9%	309620	21	20	4.9%
In	309581	< 1	< 1	0.0%	309595	< 1	< 1	0.0%	309606	< 1	< 1	0.0%	309620	< 1	< 1	0.0%
K	309581	0.205	0.209	1.9%	309595	1.02	1.05	2.9%	309606	1.75	1.81	3.4%	309620	2.02	2.08	2.9%
La	309581	4	5	22.2%	309595	24	25	4.1%	309606	30	31	3.3%	309620	32	32	0.0%
Li	309581	14	14	0.0%	309595	12	13	8.0%	309606	29	30	3.4%	309620	26	27	3.8%
Mg	309581	2.52	2.58	2.4%	309595	1.54	1.59	3.2%	309606	1.46	1.51	3.4%	309620	4.08	4.17	2.2%
Mn	309581	1540	1590	3.2%	309595	776	794	2.3%	309606	558	578	3.5%	309620	923	946	2.5%
Mo	309581	3.2	3.4	6.1%	309595	4.9	4.8	2.1%	309606	< 0.5	1.0		309620	< 0.5	< 0.5	0.0%
Na	309581	1.73	1.78	2.8%	309595	3.29	3.33	1.2%	309606	2.86	2.90	1.4%	309620	2.47	2.52	2.0%
Ni	309581	80.9	82.0	1.4%	309595	46.3	45.7	1.3%	309606	42.5	43.0	1.2%	309620	92.5	91.3	1.3%
P	309581	281	273	2.9%	309595	728	753	3.4%	309606	690	693	0.4%	309620	1180	1200	1.7%
Pb	309581	< 20	< 20	0.0%	309595	< 20	< 20	0.0%	309606	< 20	< 20	0.0%	309620	< 20	< 20	0.0%
Rb	309581	< 50	< 50	0.0%	309595	< 50	< 50	0.0%	309606	< 50	< 50	0.0%	309620	< 50	< 50	0.0%
S	309581	0.10	0.10	0.0%	309595	0.105	0.099	5.9%	309606	0.100	0.107	6.8%	309620	0.03	0.03	0.0%
Sb	309581	< 1	< 1	0.0%	309595	< 1	< 1	0.0%	309606	< 1	< 1	0.0%	309620	< 1	< 1	0.0%
Sc	309581	47	49	4.2%	309595	16	16	0.0%	309606	14	14	0.0%	309620	21	21	0.0%
Se	309581	< 10	< 10	0.0%	309595	< 10	< 10	0.0%	309606	< 10	< 10	0.0%	309620	< 10	< 10	0.0%
Sn	309581	< 5	< 5	0.0%	309595	< 5	< 5	0.0%	309606	< 5	< 5	0.0%	309620	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	309581	119	123	3.3%	309595	479	483	0.8%	309606	616	622	1.0%	309620	673	682	1.3%
Ta	309581	< 10	< 10	0.0%	309595	< 10	< 10	0.0%	309606	< 10	< 10	0.0%	309620	< 10	< 10	0.0%
Te	309581	< 10	< 10	0.0%	309595	< 10	< 10	0.0%	309606	< 10	< 10	0.0%	309620	< 10	< 10	0.0%
Th	309581	< 5	< 5	0.0%	309595	< 5	< 5	0.0%	309606	< 5	< 5	0.0%	309620	< 5	< 5	0.0%
Ti	309581	0.644	0.662	2.8%	309595	0.383	0.389	1.6%	309606	0.352	0.358	1.7%	309620	0.353	0.362	2.5%
Tl	309581	< 5	< 5	0.0%	309595	< 5	< 5	0.0%	309606	< 5	< 5	0.0%	309620	< 5	< 5	0.0%
U	309581	< 50	< 50	0.0%	309595	< 50	< 50	0.0%	309606	< 50	< 50	0.0%	309620	< 50	< 50	0.0%
V	309581	312	325	4.1%	309595	118	120	1.7%	309606	105	104	1.0%	309620	125	125	0.0%
W	309581	< 1	< 1	0.0%	309595	< 1	< 1	0.0%	309606	< 1	< 1	0.0%	309620	< 1	< 1	0.0%
Y	309581	24	26	8.0%	309595	12	12	0.0%	309606	13	13	0.0%	309620	14	15	6.9%
Zn	309581	97.2	99.0	1.8%	309595	62.3	63.8	2.4%	309606	62.1	63.1	1.6%	309620	95.7	99.4	3.8%
Zr	309581	16	17	6.1%	309595	105	110	4.7%	309606	110	104	5.6%	309620	50	60	18.2%

Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	309631	< 0.5	< 0.5	0.0%	309645	< 0.5	< 0.5	0.0%								
Al	309631	7.37	7.44	0.9%	309645	6.56	6.53	0.5%								
As	309631	< 1	< 1	0.0%	309645	3	< 1									
Ba	309631	776	767	1.2%	309645	484	480	0.8%								
Be	309631	0.8	0.8	0.0%	309645	2.91	2.98	2.4%								
Bi	309631	< 1	< 1	0.0%	309645	< 1	< 1	0.0%								
Ca	309631	2.72	2.69	1.1%	309645	3.35	3.30	1.5%								
Cd	309631	< 0.5	< 0.5	0.0%	309645	< 0.5	< 0.5	0.0%								
Ce	309631	53	54	1.9%	309645	74	74	0.0%								
Co	309631	26.6	27.7	4.1%	309645	23.8	23.6	0.8%								
Cr	309631	152	135	11.8%	309645	172	176	2.3%								
Cu	309631	35.5	35.4	0.3%	309645	26.2	25.8	1.5%								
Fe	309631	4.62	4.67	1.1%	309645	3.28	3.27	0.3%								
Ga	309631	20	20	0.0%	309645	21	21	0.0%								
In	309631	< 1	< 1	0.0%	309645	< 1	< 1	0.0%								
K	309631	1.76	1.76	0.0%	309645	2.52	2.52	0.0%								
La	309631	27	27	0.0%	309645	39	38	2.6%								
Li	309631	21	21	0.0%	309645	19	19	0.0%								
Mg	309631	2.52	2.52	0.0%	309645	2.39	2.40	0.4%								
Mn	309631	728	726	0.3%	309645	598	592	1.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Mo	309631	0.84	1.01	18.4%	309645	1.90	1.98	4.1%								
Na	309631	3.00	3.07	2.3%	309645	3.38	3.40	0.6%								
Ni	309631	55.0	55.7	1.3%	309645	92.5	93.2	0.8%								
P	309631	893	885	0.9%	309645	957	959	0.2%								
Pb	309631	< 20	< 20	0.0%	309645	< 20	< 20	0.0%								
Rb	309631	< 50	< 50	0.0%	309645	< 50	< 50	0.0%								
S	309631	0.095	0.107	11.9%	309645	0.055	0.056	1.8%								
Sb	309631	< 1	< 1	0.0%	309645	< 1	< 1	0.0%								
Sc	309631	19	19	0.0%	309645	9	9	0.0%								
Se	309631	< 10	< 10	0.0%	309645	< 10	< 10	0.0%								
Sn	309631	< 5	< 5	0.0%	309645	< 5	< 5	0.0%								
Sr	309631	576	591	2.6%	309645	530	529	0.2%								
Ta	309631	< 10	< 10	0.0%	309645	< 10	< 10	0.0%								
Te	309631	< 10	< 10	0.0%	309645	< 10	< 10	0.0%								
Th	309631	< 5	< 5	0.0%	309645	< 5	< 5	0.0%								
Ti	309631	0.396	0.387	2.3%	309645	0.506	0.501	1.0%								
Tl	309631	< 5	< 5	0.0%	309645	< 5	< 5	0.0%								
U	309631	< 50	< 50	0.0%	309645	< 50	< 50	0.0%								
V	309631	132	133	0.8%	309645	77.9	77.1	1.0%								
W	309631	< 1	< 1	0.0%	309645	< 1	< 1	0.0%								
Y	309631	14	14	0.0%	309645	11	11	0.0%								
Zn	309631	72.2	69.5	3.8%	309645	50.0	49.8	0.4%								
Zr	309631	102	93	9.2%	309645	84	99	16.4%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	309581	0.004	0.003	28.6%	309595	0.017	0.016	6.1%	309606	0.006	0.007	15.4%	309620	0.003	0.002	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	309631	0.003	0.004	28.6%	309645	0.002	0.002	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GTS-2a)				CRM #2 (ref.SY-4)				CRM #3 (ref.Till-2)				CRM #4 (ref.GTS-2a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al					10.95	11.47	105%	90% - 110%	8.17	8.49	104%	90% - 110%	6.96	7.36	106%	90% - 110%
As									26	24	92%	90% - 110%	124	121	97%	90% - 110%
Ba					340	327	96%	90% - 110%	540	521	97%	90% - 110%	186	185	99%	90% - 110%
Be					2.6	2.5	95%	90% - 110%	4.0	2.8	70%	90% - 110%				
Ca					5.72	5.44	95%	90% - 110%	0.907	0.895	99%	90% - 110%	4.01	3.8	95%	90% - 110%
Ce					122	119	97%	90% - 110%	98	96	98%	90% - 110%	24	20	82%	90% - 110%
Co	22.1	20.5	93%	90% - 110%									22.1	22.5	102%	90% - 110%
Cr									60.3	60.1	100%	90% - 110%				
Cu									150	153	102%	90% - 110%	88.6	86.3	97%	90% - 110%
Fe					4.34	4.25	98%	90% - 110%	3.77	3.75	100%	90% - 110%	7.56	7.47	99%	90% - 110%
Ga					35	35	99%	90% - 110%								
K					1.37	1.49	109%	90% - 110%					2.021	2.165	107%	90% - 110%
La					58	55	95%	90% - 110%	44	44	99%	90% - 110%				
Li					37	39	105%	90% - 110%	47	47	99%	90% - 110%				
Mg					0.325	0.309	95%	90% - 110%	1.10	1.1	100%	90% - 110%	2.412	2.443	101%	90% - 110%
Mn									780	734	94%	90% - 110%	1510	1433	95%	90% - 110%
Mo									14	12	88%	90% - 110%				
Na					5.267	5.564	106%	90% - 110%	1.624	1.764	109%	90% - 110%	0.617	0.67	109%	90% - 110%
Ni									32	31	97%	90% - 110%	77.1	70.2	91%	90% - 110%
P									750	735	98%	90% - 110%	892	865	97%	90% - 110%
Pb									31	23	73%	90% - 110%				
S													0.348	0.328	94%	90% - 110%
Sc					1.1	0.9	79%	90% - 110%	12	13	105%	90% - 110%				
Sr					1191	1181	99%	90% - 110%	144	154	107%	90% - 110%	92.8	92.7	100%	90% - 110%
Ti					0.172	0.175	101%	90% - 110%	0.53	0.505	95%	90% - 110%				
V					8	6	71%	90% - 110%	77	78	101%	90% - 110%				
Y					119	123	103%	90% - 110%								
Zn					93	93	100%	90% - 110%	130	121	93%	90% - 110%	208	202	97%	90% - 110%
CRM #5 (ref.SY-4)																
Parameter	Expect	Actual	Recovery	Limits												
Al	10.95	10.99	100%	90% - 110%												



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Ba	340	320	94%	90% - 110%												
Be	2.6	2.5	96%	90% - 110%												
Ca	5.72	5.18	91%	90% - 110%												
Ce	122	116	95%	90% - 110%												
Fe	4.34	3.98	92%	90% - 110%												
Ga	35	35	100%	90% - 110%												
K	1.37	1.43	104%	90% - 110%												
La	58	56	97%	90% - 110%												
Li	37	38	102%	90% - 110%												
Mg	0.325	0.293	90%	90% - 110%												
Na	5.267	5.353	102%	90% - 110%												
Sc	1.1	0.9	79%	90% - 110%												
Sr	1191	1128	95%	90% - 110%												
Ti	0.172	0.167	97%	90% - 110%												
Y	119	124	104%	90% - 110%												
Zn	93	86	93%	90% - 110%												

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GSP5G)				CRM #4 (ref.GS6F)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.27	5.33	101%	90% - 110%	0.725	0.746	103%	90% - 110%	0.562	0.548	98%	90% - 110%	6.87	6.81	99%	90% - 110%



## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00670  
 SAMPLING SITE:

AGAT WORK ORDER: 19T485782  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00671

AGAT WORK ORDER: 19T485814

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jul 08, 2019

PAGES (INCLUDING COVER): 20

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T485814

PROJECT: AGAT00671

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Jun 26, 2019      DATE RECEIVED: Jun 27, 2019      DATE REPORTED: Jul 08, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D70171 (309749)		2.47
D70172 (309750)		0.60
D70173 (309751)		1.52
D70174 (309752)		0.88
D70175 (309753)		2.49
D70176 (309754)		2.53
D70177 (309755)		3.52
D70178 (309756)		3.52
D70179 (309757)		0.73
D70180 (309758)		2.23
D70181 (309759)		2.36
D70182 (309760)		1.89
D70183 (309761)		1.77
D70184 (309762)		0.83
D70185 (309763)		2.44
D70186 (309764)		0.07
D70187 (309765)		2.24
D70188 (309766)		1.77
D70189 (309767)		0.65
D70190 (309768)		1.99
D70191 (309769)		2.21
D70192 (309770)		0.52
D70193 (309771)		2.16
D70194 (309772)		1.86
D70195 (309773)		2.16
D70196 (309774)		1.44
D70197 (309775)		1.92
D70198 (309776)		1.92
D70199 (309777)		0.92
D70200 (309778)		2.20
D70201 (309779)		2.25

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T485814

PROJECT: AGAT00671

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Jun 26, 2019      DATE RECEIVED: Jun 27, 2019      DATE REPORTED: Jul 08, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D70202 (309780)		2.54
D70203 (309781)		2.30
D70204 (309782)		2.33
D70205 (309783)		2.51
D70206 (309784)		0.07
D70207 (309785)		2.35
D70208 (309786)		3.04
D70209 (309787)		1.33
D70210 (309788)		1.51
D70211 (309789)		2.97
D70212 (309790)		0.52
D70213 (309791)		2.40
D70214 (309792)		2.10
D70215 (309793)		2.26
D70216 (309794)		2.29

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T485814

PROJECT: AGAT00671

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 26, 2019	DATE RECEIVED: Jun 27, 2019							DATE REPORTED: Jul 08, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D70171 (309749)	<0.5	7.00	<1	1380	1.2	<1	3.81	<0.5	61	32.8	487	33.7	4.77	19	
D70172 (309750)	<0.5	0.07	5	14	<0.5	<1	28.8	<0.5	<1	0.8	8.8	<0.5	0.12	6	
D70173 (309751)	0.6	7.91	<1	1380	1.3	<1	3.45	<0.5	67	28.5	424	70.4	4.47	19	
D70174 (309752)	<0.5	2.94	<1	1220	1.0	<1	8.94	<0.5	180	83.8	695	83.7	7.95	19	
D70175 (309753)	<0.5	6.89	<1	1200	1.3	<1	4.78	<0.5	61	39.2	617	36.1	5.66	19	
D70176 (309754)	<0.5	6.56	<1	1170	1.1	<1	4.80	<0.5	67	40.1	600	57.7	5.73	19	
D70177 (309755)	<0.5	7.15	<1	1040	1.4	<1	4.54	<0.5	58	34.2	598	3.9	5.12	19	
D70178 (309756)	<0.5	7.35	<1	1080	1.4	<1	4.66	<0.5	57	33.2	567	3.5	5.17	18	
D70179 (309757)	0.6	9.85	2	1610	1.8	<1	3.51	<0.5	95	15.1	125	8.7	2.96	26	
D70180 (309758)	<0.5	8.25	<1	917	1.7	<1	3.69	<0.5	73	14.0	174	26.6	2.82	23	
D70181 (309759)	<0.5	8.16	2	763	1.7	<1	2.92	<0.5	73	13.0	113	8.7	2.66	23	
D70182 (309760)	<0.5	8.54	<1	1470	1.8	<1	2.79	<0.5	74	14.2	193	31.8	2.82	23	
D70183 (309761)	1.4	8.34	2	562	1.8	<1	2.78	<0.5	77	14.4	84.4	6.8	2.95	23	
D70184 (309762)	<0.5	7.82	3	1070	1.3	<1	1.25	<0.5	44	3.3	39.6	2.9	1.06	18	
D70185 (309763)	<0.5	8.36	<1	537	2.0	<1	2.99	<0.5	75	14.1	104	0.9	3.11	23	
D70186 (309764)	<0.5	7.49	2	84	<0.5	<1	7.18	<0.5	6	46.3	176	156	7.59	21	
D70187 (309765)	<0.5	8.24	1	840	1.9	<1	2.59	<0.5	78	14.0	85.3	12.9	2.84	23	
D70188 (309766)	0.5	8.11	3	789	2.5	<1	2.54	<0.5	77	12.5	74.3	1.7	2.66	23	
D70189 (309767)	<0.5	7.78	3	959	1.2	<1	1.60	<0.5	47	2.6	51.3	5.5	1.01	18	
D70190 (309768)	<0.5	8.01	<1	968	1.8	<1	2.66	<0.5	67	12.3	76.4	70.1	2.68	21	
D70191 (309769)	<0.5	8.14	<1	930	1.9	<1	2.68	<0.5	80	13.1	88.3	21.4	2.75	23	
D70192 (309770)	<0.5	0.07	3	13	<0.5	<1	29.9	<0.5	<1	0.7	10.4	<0.5	0.11	6	
D70193 (309771)	<0.5	8.73	<1	1110	1.8	<1	3.23	<0.5	79	13.6	75.6	0.6	2.96	23	
D70194 (309772)	<0.5	8.24	<1	1070	2.0	<1	2.94	<0.5	78	13.5	82.2	<0.5	2.79	23	
D70195 (309773)	<0.5	8.40	<1	860	2.0	<1	2.72	<0.5	75	13.2	77.6	<0.5	2.83	24	
D70196 (309774)	<0.5	8.36	2	950	1.9	<1	2.83	<0.5	75	13.6	82.8	1.6	2.78	23	
D70197 (309775)	<0.5	8.33	<1	811	1.3	<1	3.37	<0.5	67	22.5	126	<0.5	4.27	21	
D70198 (309776)	<0.5	7.74	<1	760	1.2	<1	3.14	<0.5	67	22.4	128	<0.5	3.94	21	
D70199 (309777)	<0.5	6.31	<1	599	1.1	<1	2.51	<0.5	85	16.0	89.9	2.7	3.37	18	
D70200 (309778)	<0.5	7.93	<1	851	1.6	<1	2.96	<0.5	74	22.4	112	81.3	4.20	21	
D70201 (309779)	<0.5	7.67	<1	521	1.4	<1	3.06	<0.5	69	20.4	97.9	33.7	3.48	21	
D70202 (309780)	<0.5	7.60	<1	696	0.8	<1	2.53	<0.5	56	23.9	103	61.2	4.03	20	

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## Certificate of Analysis

AGAT WORK ORDER: 19T485814

PROJECT: AGAT00671

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 26, 2019	DATE RECEIVED: Jun 27, 2019							DATE REPORTED: Jul 08, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D70203 (309781)	<0.5	7.75	<1	508	1.1	<1	3.40	<0.5	51	20.2	74.7	29.5	4.33	20	
D70204 (309782)	<0.5	7.96	<1	638	0.8	<1	2.40	<0.5	57	21.8	110	29.5	3.83	21	
D70205 (309783)	0.6	7.96	<1	639	0.8	<1	2.33	<0.5	61	19.8	80.4	40.4	4.08	21	
D70206 (309784)	<0.5	7.25	<1	138	<0.5	<1	6.29	<0.5	6	48.8	172	149	7.77	21	
D70207 (309785)	<0.5	7.97	<1	635	0.8	<1	2.04	<0.5	54	21.0	83.8	39.0	3.86	20	
D70208 (309786)	0.6	7.93	<1	672	0.9	<1	2.11	<0.5	56	21.8	89.5	38.8	4.04	20	
D70209 (309787)	0.6	7.97	<1	840	0.9	<1	2.47	<0.5	62	19.6	86.9	5.9	3.81	21	
D70210 (309788)	<0.5	7.67	<1	854	1.0	<1	2.65	<0.5	61	18.5	87.9	10.1	3.64	21	
D70211 (309789)	<0.5	7.86	<1	770	1.1	<1	2.31	<0.5	60	19.9	79.2	26.1	4.08	21	
D70212 (309790)	<0.5	0.06	<1	14	<0.5	<1	29.0	<0.5	<1	<0.5	10.1	<0.5	0.11	5	
D70213 (309791)	0.5	8.00	<1	930	0.9	<1	2.31	<0.5	69	22.8	132	21.5	4.06	21	
D70214 (309792)	0.5	8.08	<1	814	0.8	<1	2.52	<0.5	70	24.5	120	20.1	4.29	21	
D70215 (309793)	<0.5	8.44	<1	924	1.0	<1	2.71	<0.5	74	24.6	140	17.0	4.56	22	
D70216 (309794)	<0.5	7.90	<1	733	1.0	<1	2.76	<0.5	63	22.0	96.2	26.5	4.13	21	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 26, 2019	DATE RECEIVED: Jun 27, 2019					DATE REPORTED: Jul 08, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D70171 (309749)	<1	3.63	30	24	4.84	789	1.8	2.20	130	1360	<20	<50	0.01	<1	
D70172 (309750)	3	0.01	<2	1	4.44	73	<0.5	0.04	0.7	92	<20	<50	0.04	<1	
D70173 (309751)	<1	3.57	34	31	4.47	665	4.6	3.07	102	1490	<20	<50	0.02	<1	
D70174 (309752)	<1	3.32	90	40	10.1	1400	<0.5	0.79	393	2540	<20	<50	0.17	<1	
D70175 (309753)	<1	3.00	30	30	6.14	994	2.2	2.25	164	1470	<20	<50	0.01	<1	
D70176 (309754)	<1	3.20	32	34	6.12	983	1.7	1.94	168	1540	<20	<50	0.02	<1	
D70177 (309755)	<1	2.96	28	32	5.05	873	2.8	2.37	146	1390	<20	<50	0.01	<1	
D70178 (309756)	<1	3.06	27	33	5.21	901	2.7	2.45	142	1360	<20	<50	<0.01	<1	
D70179 (309757)	<1	2.75	48	27	1.54	441	3.5	3.54	35.8	919	<20	<50	0.02	<1	
D70180 (309758)	<1	2.38	36	14	1.55	484	7.5	3.29	33.9	815	<20	<50	0.03	<1	
D70181 (309759)	<1	2.45	36	19	1.42	456	5.1	3.32	29.5	740	<20	<50	0.01	<1	
D70182 (309760)	<1	2.75	36	19	1.51	477	7.4	3.44	33.9	814	<20	<50	0.04	<1	
D70183 (309761)	<1	1.91	37	27	1.49	529	<0.5	3.72	27.3	860	<20	<50	0.02	<1	
D70184 (309762)	<1	4.18	22	10	0.35	152	1.4	2.97	6.4	205	<20	<50	0.01	<1	
D70185 (309763)	<1	1.87	36	25	1.62	618	0.7	3.57	31.6	779	<20	<50	0.01	<1	
D70186 (309764)	<1	0.24	5	13	4.38	1250	<0.5	1.72	99.9	335	<20	<50	0.21	<1	
D70187 (309765)	<1	2.41	38	21	1.45	479	<0.5	3.53	31.7	808	<20	<50	0.03	<1	
D70188 (309766)	<1	2.21	37	22	1.30	488	0.8	3.79	27.3	823	<20	<50	0.01	<1	
D70189 (309767)	<1	4.24	24	5	0.45	202	7.1	3.36	8.9	225	<20	<50	<0.01	2	
D70190 (309768)	<1	2.42	33	16	1.31	518	0.7	3.49	26.0	698	<20	<50	0.10	<1	
D70191 (309769)	<1	2.41	39	22	1.34	482	0.9	3.59	32.5	798	<20	<50	0.03	<1	
D70192 (309770)	3	0.02	<2	1	4.08	67	<0.5	0.04	0.6	86	<20	<50	0.02	<1	
D70193 (309771)	<1	2.65	38	18	1.34	507	0.6	3.64	29.8	820	<20	<50	0.01	<1	
D70194 (309772)	<1	2.29	38	18	1.26	493	0.7	3.50	29.4	769	<20	<50	<0.01	<1	
D70195 (309773)	<1	2.08	37	21	1.35	489	0.7	3.66	28.4	778	<20	<50	0.01	<1	
D70196 (309774)	<1	1.90	38	20	1.25	450	0.7	3.75	29.5	757	<20	<50	0.01	<1	
D70197 (309775)	<1	1.94	32	26	2.04	673	0.6	3.41	51.4	750	<20	<50	<0.01	<1	
D70198 (309776)	<1	1.80	32	24	1.88	623	0.6	3.23	50.9	773	<20	<50	0.01	<1	
D70199 (309777)	<1	2.40	39	17	1.52	589	<0.5	2.76	41.1	377	<20	<50	0.01	<1	
D70200 (309778)	<1	2.06	37	24	2.02	704	<0.5	3.35	54.2	708	<20	<50	0.11	<1	
D70201 (309779)	<1	1.15	35	24	1.57	619	0.7	3.48	46.0	780	<20	<50	0.06	<1	
D70202 (309780)	<1	1.55	27	24	1.56	644	1.0	3.18	46.6	677	<20	<50	0.13	<1	

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AGAT WORK ORDER: 19T485814

PROJECT: AGAT00671

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 26, 2019	DATE RECEIVED: Jun 27, 2019					DATE REPORTED: Jul 08, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D70203 (309781)	<1	1.71	24	22	1.61	974	1.3	3.20	38.5	663	<20	<50	0.08	<1	
D70204 (309782)	<1	1.69	28	28	1.45	651	1.0	3.38	45.5	650	<20	<50	0.09	<1	
D70205 (309783)	<1	1.65	30	31	1.40	774	4.5	3.30	39.3	764	<20	<50	0.13	<1	
D70206 (309784)	<1	0.20	5	12	4.14	1290	<0.5	2.29	87.7	401	<20	<50	0.15	<1	
D70207 (309785)	<1	1.71	27	35	1.36	610	1.7	3.39	40.4	676	<20	<50	0.12	<1	
D70208 (309786)	<1	1.87	29	33	1.56	673	1.0	3.32	44.2	710	<20	<50	0.10	<1	
D70209 (309787)	<1	1.63	31	33	1.52	706	1.0	3.21	41.8	641	<20	<50	0.03	<1	
D70210 (309788)	<1	1.54	30	31	1.42	706	0.8	2.95	38.5	620	<20	<50	0.04	<1	
D70211 (309789)	<1	1.83	30	35	1.58	714	1.4	3.25	41.4	742	<20	<50	0.07	<1	
D70212 (309790)	2	0.01	<2	1	3.02	64	<0.5	0.04	0.8	76	<20	<50	0.03	1	
D70213 (309791)	<1	1.95	35	38	1.89	691	0.9	3.22	55.5	749	<20	<50	0.06	<1	
D70214 (309792)	<1	1.81	36	36	1.82	734	<0.5	3.20	55.2	749	<20	<50	0.06	<1	
D70215 (309793)	<1	1.99	37	36	2.14	821	0.7	3.26	61.7	803	<20	<50	0.05	<1	
D70216 (309794)	<1	1.57	33	29	1.63	730	1.4	3.18	44.6	732	<20	<50	0.07	<1	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T485814

PROJECT: AGAT00671

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 26, 2019	DATE RECEIVED: Jun 27, 2019					DATE REPORTED: Jul 08, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D70171 (309749)	18	<10	<5	763	<10	<10	<5	0.35	<5	<50	129	<1	14	73.8	
D70172 (309750)	<1	<10	<5	58	<10	<10	<5	<0.01	<5	<50	0.9	1	2	4.1	
D70173 (309751)	15	<10	<5	942	<10	<10	<5	0.39	<5	<50	118	<1	13	69.8	
D70174 (309752)	23	<10	<5	1210	<10	<10	<5	2.00	<5	<50	277	<1	24	74.2	
D70175 (309753)	21	<10	<5	661	<10	<10	<5	0.38	<5	<50	140	<1	14	86.6	
D70176 (309754)	23	<10	<5	591	<10	<10	<5	0.39	<5	<50	151	<1	15	83.3	
D70177 (309755)	19	<10	<5	663	<10	<10	<5	0.36	<5	<50	132	<1	14	79.8	
D70178 (309756)	19	<10	<5	685	<10	<10	<5	0.37	<5	<50	129	<1	14	78.5	
D70179 (309757)	10	<10	<5	888	<10	<10	<5	0.30	<5	<50	77.0	<1	15	59.0	
D70180 (309758)	8	<10	<5	502	<10	<10	<5	0.23	<5	<50	62.4	<1	13	60.2	
D70181 (309759)	8	<10	<5	517	<10	<10	<5	0.23	<5	<50	60.8	<1	13	59.1	
D70182 (309760)	9	<10	<5	748	<10	<10	<5	0.25	<5	<50	65.8	<1	13	62.2	
D70183 (309761)	8	<10	<5	638	<10	<10	<5	0.24	<5	<50	65.4	<1	14	68.0	
D70184 (309762)	2	<10	<5	569	<10	<10	<5	0.08	<5	<50	14.0	<1	4	25.7	
D70185 (309763)	9	<10	<5	573	<10	<10	<5	0.24	<5	<50	65.2	<1	15	72.7	
D70186 (309764)	43	<10	<5	176	<10	<10	<5	0.61	<5	<50	277	<1	21	73.8	
D70187 (309765)	9	<10	<5	674	<10	<10	<5	0.24	<5	<50	65.8	<1	13	59.8	
D70188 (309766)	9	<10	<5	623	<10	<10	<5	0.22	<5	<50	56.7	<1	13	60.5	
D70189 (309767)	2	<10	<5	484	<10	<10	<5	0.03	<5	<50	8.6	<1	4	8.3	
D70190 (309768)	8	<10	<5	709	<10	<10	<5	0.20	<5	<50	53.3	<1	12	56.2	
D70191 (309769)	9	<10	<5	817	<10	<10	<5	0.22	<5	<50	59.3	<1	13	59.7	
D70192 (309770)	<1	<10	<5	65	<10	<10	<5	<0.01	<5	<50	0.9	<1	2	5.6	
D70193 (309771)	8	<10	<5	824	<10	<10	<5	0.25	<5	<50	64.4	<1	13	64.9	
D70194 (309772)	8	<10	<5	808	<10	<10	<5	0.23	<5	<50	64.4	<1	14	58.5	
D70195 (309773)	8	<10	<5	873	<10	<10	<5	0.24	<5	<50	61.7	<1	13	60.8	
D70196 (309774)	9	<10	<5	835	<10	<10	<5	0.23	<5	<50	64.1	<1	13	56.5	
D70197 (309775)	15	<10	<5	650	<10	<10	<5	0.38	<5	<50	111	<1	14	75.0	
D70198 (309776)	15	<10	<5	616	<10	<10	<5	0.36	<5	<50	110	<1	14	71.2	
D70199 (309777)	12	<10	<5	471	<10	<10	<5	0.22	<5	<50	70.6	<1	11	58.6	
D70200 (309778)	16	<10	<5	666	<10	<10	<5	0.34	<5	<50	112	<1	14	70.2	
D70201 (309779)	14	<10	<5	657	<10	<10	<5	0.30	<5	<50	101	<1	15	61.7	
D70202 (309780)	16	<10	<5	553	<10	<10	<5	0.38	<5	<50	122	<1	15	68.2	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 26, 2019	DATE RECEIVED: Jun 27, 2019					DATE REPORTED: Jul 08, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D70203 (309781)	15	<10	<5	494	<10	<10	<5	0.32	<5	<50	96.4	<1	16	66.3	
D70204 (309782)	15	<10	<5	552	<10	<10	<5	0.36	<5	<50	114	<1	14	66.8	
D70205 (309783)	13	<10	<5	600	<10	<10	<5	0.36	<5	<50	98.9	<1	14	65.2	
D70206 (309784)	46	<10	<5	110	<10	<10	<5	0.66	<5	<50	307	<1	23	72.5	
D70207 (309785)	14	<10	<5	589	<10	<10	<5	0.37	<5	<50	105	<1	13	65.2	
D70208 (309786)	14	<10	<5	560	<10	<10	<5	0.35	<5	<50	104	<1	13	69.8	
D70209 (309787)	13	<10	<5	505	<10	<10	<5	0.33	<5	<50	102	<1	14	63.2	
D70210 (309788)	13	<10	<5	471	<10	<10	<5	0.30	<5	<50	95.3	<1	13	60.5	
D70211 (309789)	13	<10	<5	499	<10	<10	<5	0.35	<5	<50	101	<1	14	66.2	
D70212 (309790)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	<0.5	1	2	4.2	
D70213 (309791)	15	<10	<5	649	<10	<10	<5	0.37	<5	<50	111	<1	14	70.3	
D70214 (309792)	16	<10	<5	571	<10	<10	<5	0.40	<5	<50	121	<1	14	73.8	
D70215 (309793)	17	<10	<5	685	<10	<10	<5	0.41	<5	<50	119	<1	15	78.6	
D70216 (309794)	14	<10	<5	508	<10	<10	<5	0.37	<5	<50	108	<1	14	70.2	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T485814

PROJECT: AGAT00671

5623 McADAM ROAD  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 26, 2019      DATE RECEIVED: Jun 27, 2019      DATE REPORTED: Jul 08, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D70171 (309749)				118
D70172 (309750)				<5
D70173 (309751)				128
D70174 (309752)				52
D70175 (309753)				88
D70176 (309754)				65
D70177 (309755)				103
D70178 (309756)				104
D70179 (309757)				148
D70180 (309758)				102
D70181 (309759)				117
D70182 (309760)				123
D70183 (309761)				129
D70184 (309762)				58
D70185 (309763)				114
D70186 (309764)				50
D70187 (309765)				121
D70188 (309766)				123
D70189 (309767)				26
D70190 (309768)				103
D70191 (309769)				122
D70192 (309770)				<5
D70193 (309771)				108
D70194 (309772)				114
D70195 (309773)				109
D70196 (309774)				110
D70197 (309775)				94
D70198 (309776)				90
D70199 (309777)				62
D70200 (309778)				94
D70201 (309779)				92
D70202 (309780)				98

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## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 26, 2019      DATE RECEIVED: Jun 27, 2019      DATE REPORTED: Jul 08, 2019      SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D70203 (309781)	86
D70204 (309782)	99
D70205 (309783)	127
D70206 (309784)	57
D70207 (309785)	109
D70208 (309786)	109
D70209 (309787)	133
D70210 (309788)	113
D70211 (309789)	112
D70212 (309790)	<5
D70213 (309791)	106
D70214 (309792)	117
D70215 (309793)	124
D70216 (309794)	112

Comments: RDL - Reported Detection Limit  
 309749-309794 As, Sb values may be low due to digestion losses.  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T485814

PROJECT: AGAT00671

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 26, 2019      DATE RECEIVED: Jun 27, 2019      DATE REPORTED: Jul 08, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D70171 (309749)			0.006
D70172 (309750)			<0.001
D70173 (309751)			0.002
D70174 (309752)			0.005
D70175 (309753)			0.004
D70176 (309754)			0.015
D70177 (309755)			0.012
D70178 (309756)			0.009
D70179 (309757)			<0.001
D70180 (309758)			0.005
D70181 (309759)			0.002
D70182 (309760)			0.004
D70183 (309761)			0.002
D70184 (309762)			<0.001
D70185 (309763)			0.004
D70186 (309764)			1.23
D70187 (309765)			0.008
D70188 (309766)			0.007
D70189 (309767)			<0.001
D70190 (309768)			0.046
D70191 (309769)			0.003
D70192 (309770)			<0.001
D70193 (309771)			0.008
D70194 (309772)			0.002
D70195 (309773)			0.009
D70196 (309774)			0.007
D70197 (309775)			0.008
D70198 (309776)			0.010
D70199 (309777)			0.003
D70200 (309778)			0.004
D70201 (309779)			0.002
D70202 (309780)			0.005

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## Certificate of Analysis

AGAT WORK ORDER: 19T485814

PROJECT: AGAT00671

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 26, 2019      DATE RECEIVED: Jun 27, 2019      DATE REPORTED: Jul 08, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D70203 (309781)			0.004
D70204 (309782)			0.005
D70205 (309783)			0.024
D70206 (309784)			0.522
D70207 (309785)			0.005
D70208 (309786)			0.013
D70209 (309787)			0.003
D70210 (309788)			0.004
D70211 (309789)			0.002
D70212 (309790)			0.001
D70213 (309791)			0.008
D70214 (309792)			0.005
D70215 (309793)			0.014
D70216 (309794)			0.004

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

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# Certificate of Analysis

AGAT WORK ORDER: 19T485814

PROJECT: AGAT00671

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## Sieving - % Passing (Crushing)

DATE SAMPLED: Jun 26, 2019

DATE RECEIVED: Jun 27, 2019

DATE REPORTED: Jul 08, 2019

SAMPLE TYPE: Drill Core

	Analyte:	Pass %
	Unit:	%
Sample ID (AGAT ID)	RDL:	0.01
D70171 (309749)		75.17
D70173 (309751)		78.09
D70190 (309768)		77.19
D70210 (309788)		78.55

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





# Certificate of Analysis

AGAT WORK ORDER: 19T485814

PROJECT: AGAT00671

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jun 26, 2019	DATE RECEIVED: Jun 27, 2019	DATE REPORTED: Jul 08, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D70171 (309749)		85.44
D70211 (309789)		85.46

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	309749	0.41	0.51	21.7%	309763	< 0.5	< 0.5	0.0%	309774	< 0.5	< 0.5	0.0%	309788	< 0.5	< 0.5	0.0%
Al	309749	7.00	7.18	2.5%	309763	8.36	8.41	0.6%	309774	8.36	8.18	2.2%	309788	7.67	7.63	0.5%
As	309749	< 1	< 1	0.0%	309763	< 1	< 1	0.0%	309774	2	3		309788	< 1	< 1	0.0%
Ba	309749	1380	1410	2.2%	309763	537	548	2.0%	309774	950	954	0.4%	309788	854	842	1.4%
Be	309749	1.2	1.2	0.0%	309763	2.0	2.0	0.0%	309774	1.9	1.9	0.0%	309788	1.0	1.0	0.0%
Bi	309749	< 1	< 1	0.0%	309763	< 1	< 1	0.0%	309774	< 1	< 1	0.0%	309788	< 1	< 1	0.0%
Ca	309749	3.81	3.82	0.3%	309763	2.99	3.07	2.6%	309774	2.83	2.79	1.4%	309788	2.65	2.62	1.1%
Cd	309749	< 0.5	< 0.5	0.0%	309763	< 0.5	< 0.5	0.0%	309774	< 0.5	< 0.5	0.0%	309788	< 0.5	< 0.5	0.0%
Ce	309749	61	61	0.0%	309763	75	72	4.1%	309774	75	75	0.0%	309788	61	60	1.7%
Co	309749	32.8	31.9	2.8%	309763	14.1	13.6	3.6%	309774	13.6	13.6	0.0%	309788	18.5	19.2	3.7%
Cr	309749	487	479	1.7%	309763	104	100	3.9%	309774	82.8	82.7	0.1%	309788	87.9	89.8	2.1%
Cu	309749	33.7	34.4	2.1%	309763	0.86	0.68	23.4%	309774	1.64	1.54	6.3%	309788	10.1	11.9	16.4%
Fe	309749	4.77	4.82	1.0%	309763	3.11	3.13	0.6%	309774	2.78	2.73	1.8%	309788	3.64	3.63	0.3%
Ga	309749	19	20	5.1%	309763	23	23	0.0%	309774	23	23	0.0%	309788	21	21	0.0%
In	309749	< 1	< 1	0.0%	309763	< 1	< 1	0.0%	309774	< 1	< 1	0.0%	309788	< 1	< 1	0.0%
K	309749	3.63	3.65	0.5%	309763	1.87	1.89	1.1%	309774	1.90	1.88	1.1%	309788	1.54	1.52	1.3%
La	309749	30	31	3.3%	309763	36	35	2.8%	309774	38	36	5.4%	309788	30	30	0.0%
Li	309749	24	24	0.0%	309763	25	25	0.0%	309774	20	20	0.0%	309788	31	31	0.0%
Mg	309749	4.84	4.92	1.6%	309763	1.62	1.64	1.2%	309774	1.25	1.23	1.6%	309788	1.42	1.42	0.0%
Mn	309749	789	807	2.3%	309763	618	623	0.8%	309774	450	442	1.8%	309788	706	705	0.1%
Mo	309749	1.82	1.99	8.9%	309763	0.67	0.53	23.3%	309774	0.69	0.53	26.2%	309788	0.83	0.93	11.4%
Na	309749	2.20	2.21	0.5%	309763	3.57	3.62	1.4%	309774	3.75	3.61	3.8%	309788	2.95	2.90	1.7%
Ni	309749	130	127	2.3%	309763	31.6	30.3	4.2%	309774	29.5	29.2	1.0%	309788	38.5	40.1	4.1%
P	309749	1360	1370	0.7%	309763	779	807	3.5%	309774	757	740	2.3%	309788	620	615	0.8%
Pb	309749	< 20	< 20	0.0%	309763	< 20	< 20	0.0%	309774	< 20	< 20	0.0%	309788	< 20	< 20	0.0%
Rb	309749	< 50	< 50	0.0%	309763	< 50	< 50	0.0%	309774	< 50	< 50	0.0%	309788	< 50	< 50	0.0%
S	309749	0.01	0.01	0.0%	309763	0.01	0.01	0.0%	309774	0.01	0.01	0.0%	309788	0.04	0.04	0.0%
Sb	309749	< 1	< 1	0.0%	309763	< 1	< 1	0.0%	309774	< 1	< 1	0.0%	309788	< 1	< 1	0.0%
Sc	309749	18	17	5.7%	309763	9	9	0.0%	309774	9	9	0.0%	309788	13	13	0.0%
Se	309749	< 10	< 10	0.0%	309763	< 10	< 10	0.0%	309774	< 10	< 10	0.0%	309788	< 10	< 10	0.0%
Sn	309749	< 5	< 5	0.0%	309763	< 5	< 5	0.0%	309774	< 5	< 5	0.0%	309788	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	309749	763	774	1.4%	309763	573	581	1.4%	309774	835	810	3.0%	309788	471	464	1.5%
Ta	309749	< 10	< 10	0.0%	309763	< 10	< 10	0.0%	309774	< 10	< 10	0.0%	309788	< 10	< 10	0.0%
Te	309749	< 10	< 10	0.0%	309763	< 10	< 10	0.0%	309774	< 10	< 10	0.0%	309788	< 10	< 10	0.0%
Th	309749	< 5	< 5	0.0%	309763	< 5	< 5	0.0%	309774	< 5	< 5	0.0%	309788	< 5	< 5	0.0%
Ti	309749	0.35	0.35	0.0%	309763	0.24	0.24	0.0%	309774	0.23	0.23	0.0%	309788	0.30	0.30	0.0%
Tl	309749	< 5	< 5	0.0%	309763	< 5	< 5	0.0%	309774	< 5	< 5	0.0%	309788	< 5	< 5	0.0%
U	309749	< 50	< 50	0.0%	309763	< 50	< 50	0.0%	309774	< 50	< 50	0.0%	309788	< 50	< 50	0.0%
V	309749	129	120	7.2%	309763	65.2	61.6	5.7%	309774	64.1	64.8	1.1%	309788	95.3	98.7	3.5%
W	309749	< 1	< 1	0.0%	309763	< 1	< 1	0.0%	309774	< 1	< 1	0.0%	309788	< 1	< 1	0.0%
Y	309749	14	13	7.4%	309763	15	14	6.9%	309774	13	14	7.4%	309788	13	14	7.4%
Zn	309749	73.8	74.2	0.5%	309763	72.7	73.9	1.6%	309774	56.5	55.7	1.4%	309788	60.5	59.1	2.3%
Zr	309749	118	112	5.2%	309763	114	109	4.5%	309774	110	114	3.6%	309788	113	104	8.3%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	309749	0.006	0.005	18.2%	309763	0.004	0.003	28.6%	309774	0.007	0.012		309788	0.004	0.001	



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

**(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish**

Parameter	CRM #1 (ref.1P5R)				CRM #2 (ref.SY-4)				CRM #3 (ref.Till-2)				CRM #4 (ref.GTS-2a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al					10.95	11.25	103%	90% - 110%	8.17	8.32	102%	90% - 110%	6.96	7.07	102%	90% - 110%
As									26	23	89%	90% - 110%	124	123	99%	90% - 110%
Ba					340	318	94%	90% - 110%	540	497	92%	90% - 110%	186	179	96%	90% - 110%
Be					2.6	2.4	94%	90% - 110%								
Ca					5.72	5.53	97%	90% - 110%	0.907	0.851	94%	90% - 110%	4.01	3.75	94%	90% - 110%
Ce					122	116	95%	90% - 110%	98	98	100%	90% - 110%	24	20	83%	90% - 110%
Co	22.1	20.8	94%	90% - 110%									22.1	22.9	104%	90% - 110%
Cr									60.3	58.3	97%	90% - 110%				
Cu									150	148	99%	90% - 110%	88.6	84	95%	90% - 110%
Fe					4.34	4.27	98%	90% - 110%	3.77	3.68	98%	90% - 110%	7.56	7.39	98%	90% - 110%
Ga					35	33	94%	90% - 110%								
K					1.37	1.45	106%	90% - 110%					2.021	2.082	103%	90% - 110%
La					58	53	92%	90% - 110%	44	43	97%	90% - 110%				
Li					37	38	101%	90% - 110%	47	45	97%	90% - 110%				
Mg					0.325	0.306	94%	90% - 110%	1.10	1.08	98%	90% - 110%	2.412	2.393	99%	90% - 110%
Mn									780	723	93%	90% - 110%	1510	1382	92%	90% - 110%
Mo									14	12	85%	90% - 110%				
Na					5.267	5.466	104%	90% - 110%	1.624	1.686	104%	90% - 110%	0.617	0.647	105%	90% - 110%
Ni									32	30	95%	90% - 110%	77.1	70.6	92%	90% - 110%
P									750	691	92%	90% - 110%	892	901	101%	90% - 110%
Pb									31	25	80%	90% - 110%				
S													0.348	0.326	94%	90% - 110%
Sc					1.1	0.9	78%	90% - 110%	12	12	100%	90% - 110%				
Sr					1191	1176	99%	90% - 110%	144	148	102%	90% - 110%	92.8	89.7	97%	90% - 110%
Ti					0.172	0.174	101%	90% - 110%	0.53	0.480	91%	90% - 110%				
V					8	6	71%	90% - 110%	77	73	95%	90% - 110%				
Y					119	120	100%	90% - 110%								
Zn					93	92	99%	90% - 110%	130	118	91%	90% - 110%	208	198	95%	90% - 110%

**(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)**

Parameter	CRM #1 (ref.1P5R)				CRM #2 (ref.GS5W)				CRM #3 (ref.GSP7M)				CRM #4 (ref.GTS-2a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits



**AGAT** Laboratories

Quality Assurance - Certified Reference materials  
AGAT WORK ORDER: 19T485814  
PROJECT: AGAT00671

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Au	1.81	1.73	95%	90% - 110%	5.27	5.61	106%	90% - 110%	0.725	0.719	99%	90% - 110%				
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## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19T485814

PROJECT: AGAT00671

ATTENTION TO: Stephen Brooking

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00672

AGAT WORK ORDER: 19T486547

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Jul 12, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

# Certificate of Analysis

AGAT WORK ORDER: 19T486547

PROJECT: AGAT00672

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Jun 27, 2019


DATE RECEIVED: Jun 28, 2019

DATE REPORTED: Jul 12, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
B61833 (312855)		2.05
B61834 (312856)		1.87
B61835 (312857)		1.56
B61836 (312858)		3.16
B61837 (312859)		3.21
B61838 (312860)		3.21
B61839 (312861)		2.79
B61840 (312862)		1.18
B61841 (312863)		1.75
B61842 (312864)		2.04
B61843 (312865)		1.11
B61844 (312866)		2.74
B61845 (312867)		1.17
B61846 (312868)		0.07
B61847 (312869)		1.79
B61848 (312870)		1.66
B61849 (312871)		1.28
B61850 (312872)		3.41
B61851 (312873)		3.43
B61852 (312874)		0.59
B61853 (312875)		2.97
B61854 (312876)		1.16
B61855 (312877)		1.18
B61856 (312878)		2.94
B61857 (312879)		3.01
B61858 (312880)		3.01
B61859 (312881)		3.07
B61860 (312882)		2.98
B61861 (312883)		3.13
B61862 (312884)		3.03
B61863 (312885)		3.43

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T486547

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Jun 27, 2019

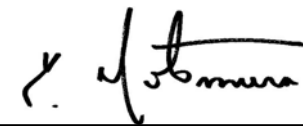
DATE RECEIVED: Jun 28, 2019

DATE REPORTED: Jul 12, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
B61864 (312886)		1.66
B61865 (312887)		3.18
B61866 (312888)		0.07
B61867 (312889)		2.92
B61868 (312890)		2.86
B61869 (312891)		3.01
B61870 (312892)		2.82
B61871 (312893)		2.86
B61872 (312894)		0.56
B61873 (312895)		3.02
B61874 (312896)		2.32
B61875 (312897)		0.67
B61876 (312898)		2.03
B61877 (312899)		0.68
B61878 (312900)		0.68
B61879 (312901)		1.15
B61880 (312902)		1.04
B61881 (312903)		1.07
B61882 (312904)		1.20
B61883 (312905)		0.88
B61884 (312906)		2.15
B61885 (312907)		1.05
B61886 (312908)		0.07
B61887 (312909)		2.75
B61888 (312910)		1.39
B61889 (312911)		1.68
B61890 (312912)		1.90
B61891 (312913)		2.14
B61892 (312914)		0.60
B61893 (312915)		1.10
B61894 (312916)		2.71

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T486547

PROJECT: AGAT00672

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jun 27, 2019      DATE RECEIVED: Jun 28, 2019      DATE REPORTED: Jul 12, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
B61895 (312917)		0.85
B61896 (312918)		0.68
B61897 (312919)		0.62
B61898 (312920)		0.62
B61899 (312921)		1.63
B61900 (312922)		1.07
B61901 (312923)		0.79
B61902 (312924)		1.83
B61903 (312925)		2.70
B61904 (312926)		2.22

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T486547

PROJECT: AGAT00672

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 27, 2019

DATE RECEIVED: Jun 28, 2019

DATE REPORTED: Jul 12, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
B61833 (312855)		<0.5	6.34	<1	205	0.8	<1	6.61	<0.5	21	2.6	61.3	4.4	2.22	14
B61834 (312856)		<0.5	6.77	<1	261	1.0	<1	1.70	<0.5	31	4.1	130	26.3	2.52	17
B61835 (312857)		<0.5	6.90	<1	391	0.7	<1	1.88	<0.5	32	4.5	112	13.2	1.61	14
B61836 (312858)		<0.5	7.68	<1	304	0.9	<1	2.47	<0.5	45	4.9	134	27.5	3.29	19
B61837 (312859)		<0.5	7.23	2	266	0.9	<1	2.21	<0.5	44	5.7	123	17.4	3.09	17
B61838 (312860)		<0.5	6.44	174	246	0.8	<1	2.39	<0.5	35	13.1	222	43.3	3.49	16
B61839 (312861)		<0.5	7.52	<1	255	0.9	<1	2.02	<0.5	45	6.6	137	21.9	3.28	19
B61840 (312862)		<0.5	7.52	<1	207	0.9	<1	2.00	<0.5	50	7.3	148	33.3	3.89	20
B61841 (312863)		<0.5	7.17	<1	231	0.9	<1	1.86	<0.5	49	8.4	159	27.9	3.79	20
B61842 (312864)		<0.5	7.17	<1	191	0.9	<1	1.84	<0.5	42	5.6	144	19.8	3.31	18
B61843 (312865)		<0.5	7.44	<1	225	0.8	<1	1.77	<0.5	45	9.9	160	44.2	4.72	22
B61844 (312866)		<0.5	7.86	<1	210	0.8	<1	2.26	<0.5	45	5.8	160	19.0	3.70	19
B61845 (312867)		<0.5	7.47	<1	191	1.1	<1	2.22	<0.5	37	5.3	131	16.1	3.23	20
B61846 (312868)		<0.5	7.66	<1	186	<0.5	<1	6.13	<0.5	16	36.0	172	108	7.61	29
B61847 (312869)		<0.5	6.63	<1	236	1.1	<1	1.33	<0.5	10	2.8	129	8.6	1.67	15
B61848 (312870)		<0.5	7.41	<1	367	1.0	<1	2.37	<0.5	42	5.3	141	4.2	3.23	19
B61849 (312871)		<0.5	7.00	<1	346	1.1	<1	2.73	<0.5	39	9.6	201	22.6	2.64	18
B61850 (312872)		<0.5	3.29	<1	706	<0.5	<1	6.49	<0.5	113	52.3	747	93.8	8.03	28
B61851 (312873)		<0.5	3.55	<1	669	0.9	<1	6.36	<0.5	101	47.6	727	87.8	7.31	28
B61852 (312874)		<0.5	0.07	<1	15	<0.5	<1	31.2	<0.5	<1	0.6	2.7	<0.5	0.09	<5
B61853 (312875)		<0.5	3.93	<1	683	<0.5	<1	6.65	<0.5	113	47.3	622	84.4	7.53	28
B61854 (312876)		<0.5	6.71	<1	334	1.6	<1	1.32	<0.5	15	2.6	125	4.5	1.16	13
B61855 (312877)		<0.5	7.01	<1	305	1.1	<1	1.34	<0.5	17	1.8	90.7	2.3	1.09	15
B61856 (312878)		<0.5	6.44	<1	409	1.0	<1	1.18	<0.5	12	1.5	111	3.9	0.96	12
B61857 (312879)		<0.5	7.65	<1	302	1.1	<1	2.35	<0.5	45	6.4	120	34.0	3.07	19
B61858 (312880)		<0.5	7.55	<1	297	1.0	<1	2.35	<0.5	43	6.1	136	33.1	3.06	20
B61859 (312881)		<0.5	7.66	<1	354	0.8	<1	2.42	<0.5	46	5.6	138	25.1	3.32	19
B61860 (312882)		<0.5	7.43	<1	287	0.9	<1	2.73	<0.5	49	6.1	135	21.6	3.26	18
B61861 (312883)		<0.5	7.42	<1	283	0.7	<1	2.30	<0.5	45	5.4	141	18.0	3.33	17
B61862 (312884)		<0.5	7.71	<1	295	0.9	<1	2.38	<0.5	46	6.8	117	37.5	3.34	19
B61863 (312885)		<0.5	7.36	<1	256	1.0	<1	2.75	<0.5	45	10.0	177	23.8	3.50	19
B61864 (312886)		<0.5	7.14	<1	134	2.0	<1	2.23	<0.5	18	6.7	142	9.0	1.31	14

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T486547

PROJECT: AGAT00672

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 27, 2019

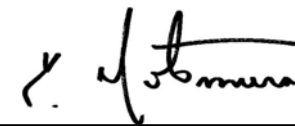
DATE RECEIVED: Jun 28, 2019

DATE REPORTED: Jul 12, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
B61865 (312887)		<0.5	7.28	<1	175	1.1	<1	2.23	<0.5	44	6.0	137	24.7	3.11	18
B61866 (312888)		<0.5	7.57	<1	184	<0.5	<1	6.12	<0.5	16	35.8	171	107	7.59	30
B61867 (312889)		<0.5	7.65	<1	280	1.0	<1	2.47	<0.5	45	5.0	133	41.6	3.17	18
B61868 (312890)		<0.5	7.55	<1	313	1.0	<1	2.56	<0.5	45	5.6	124	26.6	3.37	19
B61869 (312891)		<0.5	6.86	<1	424	1.0	<1	3.68	<0.5	65	11.3	170	37.5	3.70	18
B61870 (312892)		<0.5	7.43	<1	455	1.0	<1	2.37	<0.5	45	4.5	116	5.0	3.12	18
B61871 (312893)		<0.5	7.52	<1	538	0.8	<1	2.48	<0.5	46	5.1	134	5.2	3.25	18
B61872 (312894)		<0.5	0.08	<1	12	<0.5	<1	28.3	<0.5	<1	0.6	6.3	<0.5	0.10	<5
B61873 (312895)		<0.5	7.52	<1	500	1.0	<1	2.41	<0.5	45	4.9	140	3.6	3.17	19
B61874 (312896)		<0.5	7.68	<1	334	1.4	<1	2.31	<0.5	48	5.3	119	16.4	3.21	20
B61875 (312897)		<0.5	5.11	<1	981	2.4	<1	6.77	<0.5	150	24.3	241	59.5	5.61	24
B61876 (312898)		<0.5	7.54	<1	218	1.5	<1	2.16	<0.5	45	5.1	92.3	18.5	3.15	19
B61877 (312899)		<0.5	7.88	<1	156	1.5	<1	1.79	<0.5	48	6.2	89.5	41.4	2.77	22
B61878 (312900)		<0.5	7.77	<1	152	1.5	<1	1.77	<0.5	47	6.3	106	41.4	2.85	21
B61879 (312901)		<0.5	7.27	1	169	1.5	<1	1.76	<0.5	48	5.3	91.9	28.7	2.60	21
B61880 (312902)		<0.5	5.84	<1	429	4.5	<1	5.75	<0.5	105	16.2	172	53.1	4.12	21
B61881 (312903)		<0.5	7.56	<1	329	1.6	<1	2.34	<0.5	48	5.6	88.4	10.0	3.10	19
B61882 (312904)		<0.5	7.18	<1	517	0.7	<1	0.79	<0.5	20	<0.5	52.2	1.5	0.51	13
B61883 (312905)		<0.5	7.58	<1	320	1.5	<1	1.57	<0.5	33	3.3	75.7	7.1	2.08	19
B61884 (312906)		<0.5	7.48	<1	242	1.0	<1	2.10	<0.5	45	6.2	77.2	7.0	3.14	19
B61885 (312907)		<0.5	7.72	<1	184	1.5	<1	1.99	<0.5	59	4.8	87.1	3.2	3.18	21
B61886 (312908)		<0.5	7.84	4	93	0.5	<1	7.05	<0.5	8	37.7	186	158	7.37	29
B61887 (312909)		<0.5	6.86	<1	296	0.8	<1	2.06	<0.5	44	4.8	80.9	1.4	2.92	17
B61888 (312910)		<0.5	6.26	2	126	1.2	<1	1.49	<0.5	44	1.7	56.9	0.8	1.24	15
B61889 (312911)		<0.5	6.70	<1	413	1.1	<1	1.09	<0.5	7	<0.5	31.7	1.0	0.66	11
B61890 (312912)		<0.5	7.33	<1	242	1.0	<1	2.64	<0.5	41	5.8	99.1	13.5	3.57	19
B61891 (312913)		<0.5	7.49	<1	322	0.9	<1	2.76	<0.5	39	6.1	90.7	17.6	3.43	19
B61892 (312914)		<0.5	0.08	1	19	<0.5	<1	31.4	<0.5	<1	0.5	2.6	<0.5	0.10	<5
B61893 (312915)		<0.5	7.28	<1	256	1.1	<1	2.05	<0.5	16	2.9	55.7	1.1	1.58	15
B61894 (312916)		<0.5	7.59	<1	471	0.9	<1	1.47	<0.5	11	5.0	737	7.1	2.46	18
B61895 (312917)		<0.5	7.37	1	403	1.3	<1	2.79	<0.5	31	8.9	179	10.5	2.25	16
B61896 (312918)		<0.5	7.77	<1	240	1.4	<1	2.01	<0.5	27	4.4	134	7.3	2.21	18

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T486547

PROJECT: AGAT00672

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 27, 2019		DATE RECEIVED: Jun 28, 2019					DATE REPORTED: Jul 12, 2019					SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
B61897 (312919)		<0.5	5.19	<1	694	5.5	<1	6.00	<0.5	108	18.2	127	66.9	5.18	22
B61898 (312920)		<0.5	5.33	<1	725	5.5	<1	6.11	<0.5	112	18.5	111	66.9	5.22	24
B61899 (312921)		<0.5	3.57	<1	745	1.0	<1	8.70	<0.5	181	44.3	325	116	8.43	32
B61900 (312922)		<0.5	7.31	<1	404	1.0	<1	2.56	<0.5	53	5.0	112	5.4	3.30	18
B61901 (312923)		<0.5	3.93	<1	319	4.5	<1	5.23	<0.5	110	36.3	227	52.1	5.68	22
B61902 (312924)		<0.5	6.80	<1	289	0.9	<1	2.22	<0.5	42	6.1	105	13.2	3.08	17
B61903 (312925)		<0.5	7.50	1	321	0.7	<1	2.45	<0.5	44	6.1	148	9.0	3.52	19
B61904 (312926)		<0.5	7.67	<1	340	0.9	<1	2.51	<0.5	45	5.0	117	<0.5	3.40	19

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T486547

PROJECT: AGAT00672

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 27, 2019	DATE RECEIVED: Jun 28, 2019					DATE REPORTED: Jul 12, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
Sample ID (AGAT ID)															
B61833 (312855)	<1	2.51	10	18	1.02	494	5.7	3.15	6.8	201	<20	<50	0.06	1	
B61834 (312856)	<1	2.23	15	15	0.52	386	13.0	3.21	8.8	350	<20	<50	0.28	<1	
B61835 (312857)	<1	4.03	16	22	0.68	302	11.8	2.61	30.0	153	27	<50	0.13	<1	
B61836 (312858)	<1	1.32	20	26	0.62	676	17.2	2.88	5.3	615	<20	<50	0.39	<1	
B61837 (312859)	<1	1.49	20	23	0.59	714	11.9	2.83	6.0	681	<20	<50	0.51	<1	
B61838 (312860)	<1	1.26	16	23	1.56	735	15.2	2.45	97.8	590	<20	<50	0.46	3	
B61839 (312861)	<1	1.32	20	20	0.40	1320	13.1	3.40	7.7	530	<20	<50	0.93	1	
B61840 (312862)	<1	0.92	22	20	0.31	809	19.9	3.48	7.9	575	<20	<50	1.28	<1	
B61841 (312863)	<1	1.05	23	24	0.35	765	46.2	3.29	7.0	564	<20	<50	1.25	1	
B61842 (312864)	<1	1.06	19	25	0.36	1070	18.1	3.31	5.9	535	<20	<50	0.90	2	
B61843 (312865)	<1	1.33	20	24	0.39	1650	14.0	3.36	7.3	519	20	<50	1.42	2	
B61844 (312866)	<1	1.23	21	31	0.56	1510	18.6	3.02	5.9	615	<20	<50	0.59	1	
B61845 (312867)	<1	1.24	17	27	0.59	839	11.5	2.99	5.5	543	<20	<50	0.40	1	
B61846 (312868)	<1	0.46	9	11	4.27	1330	2.0	2.36	102	937	<20	<50	0.10	<1	
B61847 (312869)	<1	2.23	4	14	0.29	383	18.7	3.00	4.5	152	33	<50	0.15	1	
B61848 (312870)	<1	1.13	19	14	0.62	631	11.3	3.10	5.5	565	<20	<50	0.11	1	
B61849 (312871)	<1	1.28	18	24	1.48	507	13.7	3.84	60.6	685	<20	<50	0.25	1	
B61850 (312872)	<1	2.01	52	30	10.8	1310	3.6	0.79	567	2860	<20	<50	0.20	1	
B61851 (312873)	<1	2.03	46	37	8.97	1190	5.2	1.42	471	2620	<20	<50	0.19	2	
B61852 (312874)	<1	0.02	2	<1	1.93	111	<0.5	0.04	1.1	85	<20	<50	0.05	1	
B61853 (312875)	<1	2.09	51	25	9.03	1250	5.0	1.80	438	1860	<20	<50	0.18	2	
B61854 (312876)	<1	1.62	7	11	0.34	193	15.8	3.61	10.1	212	<20	<50	0.04	1	
B61855 (312877)	<1	2.14	8	11	0.29	250	10.4	3.51	7.8	107	70	<50	0.03	<1	
B61856 (312878)	<1	2.40	5	4	0.20	195	19.4	2.89	6.4	174	<20	<50	0.04	1	
B61857 (312879)	<1	1.13	20	24	0.50	615	11.1	3.02	6.9	529	<20	<50	0.40	1	
B61858 (312880)	<1	1.12	19	24	0.50	612	13.3	3.00	7.5	529	<20	<50	0.38	<1	
B61859 (312881)	<1	1.14	20	27	0.52	662	16.4	2.89	6.6	547	<20	<50	0.33	1	
B61860 (312882)	<1	1.39	21	22	0.62	797	12.0	2.88	7.4	748	<20	<50	0.40	2	
B61861 (312883)	<1	1.30	20	33	0.57	763	16.2	2.79	6.5	513	<20	<50	0.38	1	
B61862 (312884)	<1	1.20	20	23	0.50	641	10.0	3.03	6.7	572	<20	<50	0.59	1	
B61863 (312885)	<1	1.09	21	28	1.17	770	15.5	2.82	49.4	628	<20	<50	0.29	1	
B61864 (312886)	<1	1.13	8	15	0.96	227	11.8	3.78	59.8	207	<20	<50	0.02	1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T486547

PROJECT: AGAT00672

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 27, 2019

DATE RECEIVED: Jun 28, 2019

DATE REPORTED: Jul 12, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
B61865 (312887)		<1	1.11	20	25	0.51	691	17.1	2.92	6.5	544	<20	<50	0.30	<1
B61866 (312888)		<1	0.45	9	11	4.23	1330	1.9	2.33	102	923	<20	<50	0.09	2
B61867 (312889)		<1	1.16	20	25	0.52	697	16.6	2.88	6.2	538	<20	<50	0.45	1
B61868 (312890)		<1	1.17	20	22	0.60	770	15.7	2.80	6.2	540	<20	<50	0.28	2
B61869 (312891)		<1	1.08	31	24	1.38	747	15.3	2.71	40.8	1030	<20	<50	0.32	2
B61870 (312892)		<1	1.53	20	22	0.54	709	14.2	2.99	6.9	497	<20	<50	0.07	<1
B61871 (312893)		<1	1.27	20	23	0.54	670	11.5	2.72	7.1	526	<20	<50	0.07	2
B61872 (312894)		<1	0.02	2	1	2.88	108	0.7	0.04	0.7	85	<20	<50	0.04	<1
B61873 (312895)		<1	1.23	20	27	0.55	709	12.6	2.85	6.8	544	<20	<50	0.06	<1
B61874 (312896)		<1	1.27	21	22	0.54	723	10.8	3.00	6.4	598	<20	<50	0.20	2
B61875 (312897)		<1	2.14	73	53	4.38	1270	5.6	2.78	136	2290	<20	<50	0.20	2
B61876 (312898)		<1	1.29	20	22	0.54	683	11.5	3.17	7.1	567	<20	<50	0.22	<1
B61877 (312899)		<1	1.86	23	18	0.38	581	11.8	3.36	6.1	391	21	<50	0.41	1
B61878 (312900)		<1	1.84	22	18	0.37	594	13.2	3.30	6.7	398	21	<50	0.42	<1
B61879 (312901)		<1	1.62	22	18	0.40	542	11.6	3.29	5.7	489	<20	<50	0.33	<1
B61880 (312902)		<1	1.10	55	49	2.57	962	8.6	4.11	81.6	2780	<20	<50	0.22	1
B61881 (312903)		<1	1.18	22	30	0.60	680	9.8	3.28	8.5	547	<20	<50	0.13	<1
B61882 (312904)		<1	5.76	9	3	0.07	160	9.5	1.97	2.0	53	38	<50	0.01	<1
B61883 (312905)		<1	2.84	15	19	0.35	691	10.2	3.03	4.4	315	31	<50	0.10	<1
B61884 (312906)		<1	1.60	20	18	0.52	752	9.5	3.35	5.9	507	<20	<50	0.14	1
B61885 (312907)		<1	1.57	27	29	0.52	879	10.6	3.34	6.0	514	<20	<50	0.07	2
B61886 (312908)		<1	0.31	4	16	4.32	1320	2.5	1.86	94.4	390	<20	<50	0.23	<1
B61887 (312909)		<1	1.08	20	25	0.48	674	9.5	2.66	6.6	495	<20	<50	0.04	<1
B61888 (312910)		<1	1.17	20	17	0.22	393	8.7	2.86	2.7	196	<20	<50	0.02	<1
B61889 (312911)		<1	3.34	4	6	0.06	281	10.8	2.73	2.0	48	27	<50	<0.01	<1
B61890 (312912)		<1	1.09	20	26	0.60	781	13.6	3.09	6.5	596	<20	<50	0.18	1
B61891 (312913)		<1	1.11	19	19	0.59	675	16.1	3.07	6.4	591	<20	<50	0.23	<1
B61892 (312914)		<1	<0.01	<2	2	2.65	123	0.7	0.04	0.7	70	<20	<50	<0.01	1
B61893 (312915)		<1	0.92	8	13	0.32	209	12.7	3.76	6.6	272	<20	<50	0.02	<1
B61894 (312916)		<1	2.17	6	17	0.31	305	19.2	3.98	37.4	264	<20	<50	0.02	3
B61895 (312917)		<1	1.63	16	26	1.21	374	14.8	4.67	55.7	698	<20	<50	0.05	2
B61896 (312918)		<1	1.17	12	25	0.54	418	15.5	3.99	10.2	515	<20	<50	0.15	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T486547

PROJECT: AGAT00672

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 27, 2019	DATE RECEIVED: Jun 28, 2019					DATE REPORTED: Jul 12, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
B61897 (312919)	<1	1.53	55	26	2.13	1100	13.2	3.98	43.6	5200	<20	<50	0.27	<1	
B61898 (312920)	<1	1.54	54	27	2.17	1100	12.0	4.04	43.7	4990	<20	<50	0.26	<1	
B61899 (312921)	<1	1.78	83	19	6.36	1520	4.4	2.00	244	2980	<20	<50	0.34	2	
B61900 (312922)	<1	1.30	23	22	0.84	817	11.6	3.71	12.5	961	<20	<50	0.11	2	
B61901 (312923)	<1	1.25	49	44	5.01	1130	4.4	3.87	254	1560	<20	<50	0.12	1	
B61902 (312924)	<1	1.12	19	21	0.60	653	12.3	2.84	7.8	651	<20	<50	0.25	<1	
B61903 (312925)	<1	1.33	19	26	0.65	967	15.2	2.89	6.1	670	<20	<50	0.19	1	
B61904 (312926)	<1	1.19	20	27	0.59	703	13.8	2.99	6.3	582	<20	<50	0.05	2	

Certified By:



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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 27, 2019

DATE RECEIVED: Jun 28, 2019

DATE REPORTED: Jul 12, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
B61833 (312855)	5	<10	<5	104	<10	<10	<5	0.15	<5	<50	22.8	<1	10	19.9
B61834 (312856)	6	<10	<5	117	<10	<10	<5	0.18	<5	<50	21.7	<1	9	32.1
B61835 (312857)	4	<10	<5	153	<10	<10	<5	0.14	<5	<50	15.8	<1	7	27.7
B61836 (312858)	10	<10	<5	141	<10	<10	<5	0.25	<5	<50	23.1	<1	25	75.8
B61837 (312859)	10	<10	<5	149	<10	<10	<5	0.23	<5	<50	24.9	<1	25	80.5
B61838 (312860)	10	<10	<5	138	<10	<10	<5	0.20	<5	<50	34.1	<1	21	131
B61839 (312861)	9	<10	<5	150	<10	<10	<5	0.24	<5	<50	27.2	<1	21	88.3
B61840 (312862)	8	<10	<5	165	<10	<10	<5	0.28	<5	<50	24.2	<1	19	84.5
B61841 (312863)	9	<10	<5	152	<10	<10	<5	0.24	<5	<50	26.5	<1	19	101
B61842 (312864)	9	<10	<5	140	<10	<10	<5	0.22	<5	<50	21.5	<1	22	119
B61843 (312865)	10	<10	<5	142	<10	<10	<5	0.25	<5	<50	28.3	<1	25	112
B61844 (312866)	10	<10	<5	158	<10	<10	<5	0.25	<5	<50	23.9	<1	29	115
B61845 (312867)	10	<10	<5	141	<10	<10	<5	0.24	<5	<50	22.7	<1	24	87.9
B61846 (312868)	34	<10	<5	249	<10	<10	<5	0.85	<5	<50	240	<1	23	88.5
B61847 (312869)	5	<10	<5	88	<10	<10	<5	0.11	<5	<50	11.3	<1	6	48.5
B61848 (312870)	10	<10	<5	145	<10	<10	<5	0.25	<5	<50	23.9	<1	23	83.4
B61849 (312871)	8	<10	<5	290	<10	<10	<5	0.46	<5	<50	56.0	<1	21	89.2
B61850 (312872)	22	<10	<5	801	<10	<10	<5	2.07	<5	<50	244	<1	23	80.2
B61851 (312873)	24	<10	<5	702	<10	<10	<5	1.84	<5	<50	232	<1	24	72.2
B61852 (312874)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	3.0
B61853 (312875)	20	<10	<5	786	<10	<10	<5	1.61	<5	<50	224	<1	25	87.3
B61854 (312876)	4	<10	<5	165	<10	<10	<5	0.10	<5	<50	19.9	<1	5	36.4
B61855 (312877)	4	<10	<5	146	<10	<10	<5	0.10	<5	<50	20.1	<1	3	30.0
B61856 (312878)	2	<10	<5	136	<10	<10	<5	0.08	<5	<50	16.2	<1	3	22.1
B61857 (312879)	9	<10	<5	191	<10	<10	<5	0.23	<5	<50	27.2	<1	25	71.1
B61858 (312880)	9	<10	<5	190	<10	<10	<5	0.23	<5	<50	27.0	<1	25	71.1
B61859 (312881)	10	<10	<5	191	<10	<10	<5	0.25	<5	<50	24.5	<1	28	77.9
B61860 (312882)	10	<10	<5	199	<10	<10	<5	0.25	<5	<50	29.3	<1	34	79.5
B61861 (312883)	9	<10	<5	180	<10	<10	<5	0.23	<5	<50	24.4	<1	30	72.2
B61862 (312884)	10	<10	<5	195	<10	<10	<5	0.24	<5	<50	24.4	<1	29	77.0
B61863 (312885)	10	<10	<5	207	<10	<10	<5	0.32	<5	<50	36.0	<1	29	86.9
B61864 (312886)	4	<10	<5	158	<10	<10	8	0.20	<5	<50	28.3	<1	7	27.1

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 27, 2019	DATE RECEIVED: Jun 28, 2019					DATE REPORTED: Jul 12, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
B61865 (312887)	9	<10	<5	164	<10	<10	<5	0.22	<5	<50	22.8	<1	27	98.9	
B61866 (312888)	34	<10	<5	247	<10	<10	<5	0.84	<5	<50	239	<1	23	86.3	
B61867 (312889)	10	<10	<5	204	<10	<10	<5	0.23	<5	<50	23.1	<1	30	101	
B61868 (312890)	10	<10	<5	192	<10	<10	<5	0.23	<5	<50	23.2	<1	30	95.7	
B61869 (312891)	11	<10	<5	352	<10	<10	<5	0.40	<5	<50	48.9	<1	31	75.8	
B61870 (312892)	9	<10	<5	168	<10	<10	<5	0.21	<5	<50	28.0	<1	25	68.0	
B61871 (312893)	10	<10	<5	179	<10	<10	<5	0.24	<5	<50	25.4	<1	28	77.6	
B61872 (312894)	<1	<10	<5	61	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	3.5	
B61873 (312895)	9	<10	<5	169	<10	<10	<5	0.25	<5	<50	25.1	<1	28	72.7	
B61874 (312896)	10	<10	<5	174	<10	<10	<5	0.25	<5	<50	25.7	<1	28	79.6	
B61875 (312897)	17	<10	<5	798	<10	<10	<5	0.83	<5	<50	144	<1	33	74.4	
B61876 (312898)	9	<10	<5	156	<10	<10	<5	0.24	<5	<50	25.2	<1	25	91.1	
B61877 (312899)	7	<10	<5	108	<10	<10	6	0.17	<5	<50	16.6	<1	17	77.0	
B61878 (312900)	7	<10	<5	106	<10	<10	6	0.17	<5	<50	16.9	<1	18	75.9	
B61879 (312901)	8	<10	<5	109	<10	<10	<5	0.18	<5	<50	18.9	<1	18	80.8	
B61880 (312902)	15	<10	<5	575	<10	<10	<5	0.53	<5	<50	106	<1	52	54.5	
B61881 (312903)	10	<10	<5	153	<10	<10	<5	0.24	<5	<50	25.9	<1	25	83.1	
B61882 (312904)	1	<10	<5	110	<10	<10	13	0.03	<5	<50	3.8	<1	5	40.1	
B61883 (312905)	8	<10	<5	113	<10	<10	7	0.15	<5	<50	16.0	<1	19	63.6	
B61884 (312906)	9	<10	<5	143	<10	<10	<5	0.20	<5	<50	24.9	<1	24	58.7	
B61885 (312907)	10	<10	<5	118	<10	<10	6	0.22	<5	<50	25.1	<1	27	88.8	
B61886 (312908)	43	<10	<5	178	<10	<10	<5	0.59	<5	<50	280	<1	24	75.9	
B61887 (312909)	9	<10	<5	142	<10	<10	<5	0.22	<5	<50	22.8	<1	27	72.1	
B61888 (312910)	4	<10	<5	92	<10	<10	10	0.09	<5	<50	8.2	<1	12	40.4	
B61889 (312911)	2	<10	<5	101	<10	<10	6	0.03	<5	<50	2.9	<1	9	10.5	
B61890 (312912)	10	<10	<5	178	<10	<10	<5	0.26	<5	<50	24.4	<1	29	85.2	
B61891 (312913)	10	<10	<5	219	<10	<10	<5	0.25	<5	<50	24.2	<1	26	91.9	
B61892 (312914)	<1	<10	<5	63	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	6.0	
B61893 (312915)	4	<10	<5	207	<10	<10	<5	0.13	<5	<50	17.8	<1	6	39.7	
B61894 (312916)	2	<10	<5	204	<10	<10	<5	0.10	<5	<50	26.3	<1	3	48.9	
B61895 (312917)	5	<10	<5	342	<10	<10	<5	0.19	<5	<50	51.2	<1	10	53.0	
B61896 (312918)	6	<10	<5	215	<10	<10	<5	0.17	<5	<50	19.7	<1	15	63.2	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T486547

PROJECT: AGAT00672

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 27, 2019	DATE RECEIVED: Jun 28, 2019					DATE REPORTED: Jul 12, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Sample ID (AGAT ID)															
B61897 (312919)	13	<10	<5	616	<10	<10	<5	0.39	<5	<50	149	<1	60	97.2	
B61898 (312920)	13	<10	<5	629	<10	<10	<5	0.38	<5	<50	150	<1	61	108	
B61899 (312921)	20	<10	<5	816	<10	<10	<5	1.37	<5	<50	240	<1	39	96.4	
B61900 (312922)	10	<10	<5	206	<10	<10	<5	0.27	<5	<50	27.4	<1	39	101	
B61901 (312923)	14	<10	<5	498	<10	<10	<5	0.55	<5	<50	118	<1	31	81.6	
B61902 (312924)	9	<10	<5	161	<10	<10	<5	0.24	<5	<50	23.0	<1	24	74.6	
B61903 (312925)	10	<10	<5	163	<10	<10	<5	0.26	<5	<50	26.1	<1	34	80.2	
B61904 (312926)	10	<10	<5	167	<10	<10	<5	0.26	<5	<50	26.3	<1	26	77.9	

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## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 27, 2019      DATE RECEIVED: Jun 28, 2019      DATE REPORTED: Jul 12, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
B61833 (312855)				143
B61834 (312856)				149
B61835 (312857)				80
B61836 (312858)				191
B61837 (312859)				185
B61838 (312860)				160
B61839 (312861)				183
B61840 (312862)				199
B61841 (312863)				201
B61842 (312864)				193
B61843 (312865)				197
B61844 (312866)				198
B61845 (312867)				179
B61846 (312868)				95
B61847 (312869)				103
B61848 (312870)				179
B61849 (312871)				150
B61850 (312872)				306
B61851 (312873)				288
B61852 (312874)				<5
B61853 (312875)				144
B61854 (312876)				63
B61855 (312877)				76
B61856 (312878)				49
B61857 (312879)				179
B61858 (312880)				180
B61859 (312881)				184
B61860 (312882)				180
B61861 (312883)				191
B61862 (312884)				206
B61863 (312885)				181
B61864 (312886)				98

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## Certificate of Analysis

AGAT WORK ORDER: 19T486547

PROJECT: AGAT00672

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 27, 2019      DATE RECEIVED: Jun 28, 2019      DATE REPORTED: Jul 12, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
B61865 (312887)				175
B61866 (312888)				94
B61867 (312889)				190
B61868 (312890)				187
B61869 (312891)				168
B61870 (312892)				147
B61871 (312893)				155
B61872 (312894)				<5
B61873 (312895)				153
B61874 (312896)				174
B61875 (312897)				96
B61876 (312898)				170
B61877 (312899)				164
B61878 (312900)				155
B61879 (312901)				170
B61880 (312902)				79
B61881 (312903)				170
B61882 (312904)				29
B61883 (312905)				135
B61884 (312906)				178
B61885 (312907)				188
B61886 (312908)				61
B61887 (312909)				150
B61888 (312910)				69
B61889 (312911)				47
B61890 (312912)				172
B61891 (312913)				176
B61892 (312914)				<5
B61893 (312915)				98
B61894 (312916)				64
B61895 (312917)				124
B61896 (312918)				133

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## Certificate of Analysis

AGAT WORK ORDER: 19T486547

PROJECT: AGAT00672

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 27, 2019

DATE RECEIVED: Jun 28, 2019

DATE REPORTED: Jul 12, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
B61897 (312919)	14
B61898 (312920)	26
B61899 (312921)	127
B61900 (312922)	199
B61901 (312923)	106
B61902 (312924)	176
B61903 (312925)	189
B61904 (312926)	165

Comments: RDL - Reported Detection Limit

312855-312926 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

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## Certificate of Analysis

AGAT WORK ORDER: 19T486547

PROJECT: AGAT00672

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 27, 2019      DATE RECEIVED: Jun 28, 2019      DATE REPORTED: Jul 12, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
B61833 (312855)			0.001
B61834 (312856)			0.001
B61835 (312857)			<0.001
B61836 (312858)			0.001
B61837 (312859)			0.001
B61838 (312860)			0.270
B61839 (312861)			0.002
B61840 (312862)			0.003
B61841 (312863)			0.002
B61842 (312864)			0.002
B61843 (312865)			0.005
B61844 (312866)			0.001
B61845 (312867)			0.001
B61846 (312868)			0.329
B61847 (312869)			0.002
B61848 (312870)			0.001
B61849 (312871)			0.001
B61850 (312872)			0.003
B61851 (312873)			0.002
B61852 (312874)			<0.001
B61853 (312875)			0.002
B61854 (312876)			0.001
B61855 (312877)			0.001
B61856 (312878)			0.003
B61857 (312879)			0.005
B61858 (312880)			0.005
B61859 (312881)			0.002
B61860 (312882)			0.001
B61861 (312883)			0.003
B61862 (312884)			0.003
B61863 (312885)			0.002
B61864 (312886)			<0.001

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## Certificate of Analysis

AGAT WORK ORDER: 19T486547

PROJECT: AGAT00672

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 27, 2019      DATE RECEIVED: Jun 28, 2019      DATE REPORTED: Jul 12, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
B61865 (312887)			0.002
B61866 (312888)			0.339
B61867 (312889)			0.002
B61868 (312890)			0.002
B61869 (312891)			0.002
B61870 (312892)			<0.001
B61871 (312893)			<0.001
B61872 (312894)			<0.001
B61873 (312895)			<0.001
B61874 (312896)			0.001
B61875 (312897)			0.001
B61876 (312898)			<0.001
B61877 (312899)			0.002
B61878 (312900)			0.002
B61879 (312901)			0.002
B61880 (312902)			0.001
B61881 (312903)			0.001
B61882 (312904)			0.003
B61883 (312905)			0.001
B61884 (312906)			<0.001
B61885 (312907)			0.015
B61886 (312908)			1.22
B61887 (312909)			0.028
B61888 (312910)			<0.001
B61889 (312911)			0.021
B61890 (312912)			0.007
B61891 (312913)			0.008
B61892 (312914)			0.002
B61893 (312915)			0.008
B61894 (312916)			0.009
B61895 (312917)			0.007
B61896 (312918)			0.009

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## Certificate of Analysis

AGAT WORK ORDER: 19T486547

PROJECT: AGAT00672

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 27, 2019      DATE RECEIVED: Jun 28, 2019      DATE REPORTED: Jul 12, 2019      SAMPLE TYPE: Drill Core

Analyte:	Unit:	RDL:
Au	ppm	0.001
Sample ID (AGAT ID)		
B61897 (312919)		0.008
B61898 (312920)		0.007
B61899 (312921)		0.006
B61900 (312922)		0.006
B61901 (312923)		0.005
B61902 (312924)		0.007
B61903 (312925)		0.006
B61904 (312926)		0.006

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

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# Certificate of Analysis

AGAT WORK ORDER: 19T486547

PROJECT: AGAT00672

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

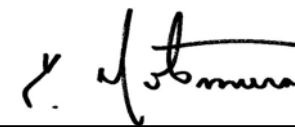
## Sieving - % Passing (Crushing)

DATE SAMPLED: Jun 27, 2019	DATE RECEIVED: Jun 28, 2019	DATE REPORTED: Jul 12, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

	Analyte:	Pass %
	Unit:	%
Sample ID (AGAT ID)	RDL:	0.01
B61833 (312855)		76.07
B61834 (312856)		81.14
B61851 (312873)		86.88
B61871 (312893)		83.27
B61891 (312913)		83.91

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





# Certificate of Analysis

AGAT WORK ORDER: 19T486547

PROJECT: AGAT00672

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jun 27, 2019      DATE RECEIVED: Jun 28, 2019      DATE REPORTED: Jul 12, 2019      SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL: 0.01
B61833 (312855)	87.60

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	312855	< 0.5	< 0.5	0.0%	312869	< 0.5	< 0.5	0.0%	312880	< 0.5	< 0.5	0.0%	312894	< 0.5	< 0.5	0.0%
Al	312855	6.34	6.84	7.6%	312869	6.63	6.46	2.6%	312880	7.55	7.63	1.1%	312894	0.077	0.074	4.0%
As	312855	< 1	< 1	0.0%	312869	< 1	< 1	0.0%	312880	< 1	< 1	0.0%	312894	< 1	< 1	0.0%
Ba	312855	205	226	9.7%	312869	236	234	0.9%	312880	297	301	1.3%	312894	12	11	8.7%
Be	312855	0.8	0.8	0.0%	312869	1.1	1.1	0.0%	312880	1.0	1.0	0.0%	312894	< 0.5	< 0.5	0.0%
Bi	312855	< 1	< 1	0.0%	312869	< 1	< 1	0.0%	312880	< 1	< 1	0.0%	312894	< 1	< 1	0.0%
Ca	312855	6.61	5.10	25.8%	312869	1.33	1.32	0.8%	312880	2.35	2.35	0.0%	312894	28.3	28.2	0.4%
Cd	312855	< 0.5	< 0.5	0.0%	312869	< 0.5	< 0.5	0.0%	312880	< 0.5	< 0.5	0.0%	312894	< 0.5	< 0.5	0.0%
Ce	312855	21	21	0.0%	312869	10	10	0.0%	312880	43	43	0.0%	312894	< 1	< 1	0.0%
Co	312855	2.6	2.9	10.9%	312869	2.8	2.8	0.0%	312880	6.11	5.92	3.2%	312894	0.6	0.5	18.2%
Cr	312855	61.3	64.4	4.9%	312869	129	132	2.3%	312880	136	127	6.8%	312894	6.3	5.5	13.6%
Cu	312855	4.4	5.4	20.4%	312869	8.58	8.23	4.2%	312880	33.1	33.3	0.6%	312894	< 0.5	< 0.5	0.0%
Fe	312855	2.22	2.41	8.2%	312869	1.67	1.63	2.4%	312880	3.06	3.11	1.6%	312894	0.10	0.10	0.0%
Ga	312855	14	16	13.3%	312869	15	15	0.0%	312880	20	20	0.0%	312894	< 5	< 5	0.0%
In	312855	< 1	< 1	0.0%	312869	< 1	< 1	0.0%	312880	< 1	< 1	0.0%	312894	< 1	< 1	0.0%
K	312855	2.51	2.71	7.7%	312869	2.23	2.17	2.7%	312880	1.12	1.13	0.9%	312894	0.02	0.02	0.0%
La	312855	10	10	0.0%	312869	4	5	22.2%	312880	19	19	0.0%	312894	2	2	0.0%
Li	312855	18	19	5.4%	312869	14	14	0.0%	312880	24	25	4.1%	312894	1	1	0.0%
Mg	312855	1.02	0.803	23.8%	312869	0.29	0.29	0.0%	312880	0.50	0.51	2.0%	312894	2.88	2.91	1.0%
Mn	312855	494	528	6.7%	312869	383	370	3.5%	312880	612	628	2.6%	312894	108	109	0.9%
Mo	312914	0.7	< 0.5		312869	18.7	19.6	4.7%	312880	13.3	12.1	9.4%	312894	0.7	0.7	0.0%
Na	312855	3.15	3.43	8.5%	312869	3.00	2.96	1.3%	312880	3.00	3.00	0.0%	312894	0.04	0.04	0.0%
Ni	312855	6.8	7.1	4.3%	312869	4.5	4.5	0.0%	312880	7.54	7.14	5.4%	312894	0.66	0.50	27.6%
P	312855	201	207	2.9%	312869	152	154	1.3%	312880	529	554	4.6%	312894	85	86	1.2%
Pb	312855	< 20	< 20	0.0%	312869	33	33	0.0%	312880	< 20	< 20	0.0%	312894	< 20	< 20	0.0%
Rb	312855	< 50	< 50	0.0%	312869	< 50	< 50	0.0%	312880	< 50	< 50	0.0%	312894	< 50	< 50	0.0%
S	312855	0.06	0.06	0.0%	312869	0.15	0.15	0.0%	312880	0.382	0.385	0.8%	312894	0.04	0.04	0.0%
Sb	312914	1	< 1		312869	1	< 1		312880	< 1	1		312894	< 1	< 1	0.0%
Sc	312855	5	6	18.2%	312869	5	5	0.0%	312880	9	9	0.0%	312894	< 1	< 1	0.0%
Se	312855	< 10	< 10	0.0%	312869	< 10	< 10	0.0%	312880	< 10	< 10	0.0%	312894	< 10	< 10	0.0%
Sn	312855	< 5	< 5	0.0%	312869	< 5	< 5	0.0%	312880	< 5	< 5	0.0%	312894	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	312855	104	110	5.6%	312869	88	87	1.1%	312880	190	191	0.5%	312894	61	62	1.6%
Ta	312855	< 10	< 10	0.0%	312869	< 10	< 10	0.0%	312880	< 10	< 10	0.0%	312894	< 10	< 10	0.0%
Te	312855	< 10	< 10	0.0%	312869	< 10	< 10	0.0%	312880	< 10	< 10	0.0%	312894	< 10	< 10	0.0%
Th	312855	< 5	< 5	0.0%	312869	< 5	< 5	0.0%	312880	< 5	< 5	0.0%	312894	< 5	< 5	0.0%
Ti	312855	0.154	0.173	11.6%	312869	0.11	0.11	0.0%	312880	0.23	0.23	0.0%	312894	< 0.01	< 0.01	0.0%
Tl	312855	< 5	< 5	0.0%	312869	< 5	< 5	0.0%	312880	< 5	< 5	0.0%	312894	< 5	< 5	0.0%
U	312855	< 50	< 50	0.0%	312869	< 50	< 50	0.0%	312880	< 50	< 50	0.0%	312894	< 50	< 50	0.0%
V	312855	22.8	25.3	10.4%	312869	11.3	11.3	0.0%	312880	27.0	27.0	0.0%	312894	1.1	1.1	0.0%
W	312855	< 1	< 1	0.0%	312869	< 1	< 1	0.0%	312880	< 1	< 1	0.0%	312894	< 1	< 1	0.0%
Y	312855	10	10	0.0%	312869	6	6	0.0%	312880	25	26	3.9%	312894	2	2	0.0%
Zn	312855	19.9	21.5	7.7%	312869	48.5	47.9	1.2%	312880	71.1	71.5	0.6%	312894	3.54	3.92	10.2%
Zr	312855	143	153	6.8%	312869	103	110	6.6%	312880	180	174	3.4%	312894	< 5	< 5	0.0%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	312905	< 0.5	< 0.5	0.0%	312919	< 0.5	< 0.5	0.0%								
Al	312905	7.58	7.44	1.9%	312919	5.19	5.34	2.8%								
As	312905	< 1	< 1	0.0%	312919	< 1	< 1	0.0%								
Ba	312905	320	306	4.5%	312919	694	719	3.5%								
Be	312905	1.47	1.42	3.5%	312919	5.5	5.6	1.8%								
Bi	312905	< 1	< 1	0.0%	312919	< 1	< 1	0.0%								
Ca	312905	1.57	1.53	2.6%	312919	6.00	6.23	3.8%								
Cd	312905	< 0.5	< 0.5	0.0%	312919	< 0.5	< 0.5	0.0%								
Ce	312905	33	31	6.3%	312919	108	109	0.9%								
Co	312905	3.3	3.3	0.0%	312919	18.2	18.4	1.1%								
Cr	312905	75.7	69.5	8.5%	312919	127	116	9.1%								
Cu	312905	7.14	6.74	5.8%	312919	66.9	68.9	2.9%								
Fe	312905	2.08	2.03	2.4%	312919	5.18	5.37	3.6%								
Ga	312905	19	18	5.4%	312919	22	24	8.7%								
In	312905	< 1	< 1	0.0%	312919	< 1	< 1	0.0%								
K	312905	2.84	2.72	4.3%	312919	1.53	1.57	2.6%								
La	312905	15	14	6.9%	312919	55	53	3.7%								
Li	312905	19	19	0.0%	312919	26	26	0.0%								
Mg	312905	0.349	0.342	2.0%	312919	2.13	2.20	3.2%								
Mn	312905	691	681	1.5%	312919	1100	1120	1.8%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	312905	10.2	9.11	11.3%	312919	13.2	12.2	7.9%								
Na	312905	3.03	2.92	3.7%	312919	3.98	4.14	3.9%								
Ni	312905	4.4	4.2	4.7%	312919	43.6	43.6	0.0%								
P	312905	315	306	2.9%	312919	5200	4860	6.8%								
Pb	312905	31	28	10.2%	312919	< 20	< 20	0.0%								
Rb	312905	< 50	< 50	0.0%	312919	< 50	< 50	0.0%								
S	312905	0.095	0.092	3.2%	312919	0.268	0.252	6.2%								
Sb	312905	< 1	2		312919	< 1	< 1	0.0%								
Sc	312905	8	8	0.0%	312919	13	12	8.0%								
Se	312905	< 10	< 10	0.0%	312919	< 10	< 10	0.0%								
Sn	312905	< 5	< 5	0.0%	312919	< 5	< 5	0.0%								
Sr	312905	113	108	4.5%	312919	616	641	4.0%								
Ta	312905	< 10	< 10	0.0%	312919	< 10	< 10	0.0%								
Te	312905	< 10	< 10	0.0%	312919	< 10	< 10	0.0%								
Th	312905	7	5		312919	< 5	< 5	0.0%								
Ti	312905	0.15	0.15	0.0%	312919	0.39	0.38	2.6%								
Tl	312905	< 5	< 5	0.0%	312919	< 5	< 5	0.0%								
U	312905	< 50	< 50	0.0%	312919	< 50	< 50	0.0%								
V	312905	16.0	15.5	3.2%	312919	149	149	0.0%								
W	312905	< 1	< 1	0.0%	312919	< 1	< 1	0.0%								
Y	312905	19	19	0.0%	312919	60	60	0.0%								
Zn	312905	63.6	63.3	0.5%	312919	97.2	98.9	1.7%								
Zr	312905	135	135	0.0%	312919	14	14	0.0%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	312855	0.001	0.001	0.0%	312869	0.002	0.001		312880	0.005	0.005	0.0%	312894	< 0.001	< 0.001	0.0%
Parameter	REPLICATE #5															
	Sample ID	Original	Replicate	RPD												
Au	312905	0.001	< 0.001													



CLIENT NAME: GOLDCORP BORDEN LIMITED

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**(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish**

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.87	99%	90% - 110%	8.17	8.25	101%	90% - 110%	6.96	6.99	100%	90% - 110%	10.95	11.07	101%	90% - 110%
As					26	25	95%	90% - 110%	124	122	98%	90% - 110%				
Ba	340	329	97%	90% - 110%	540	509	94%	90% - 110%	186	178	95%	90% - 110%	340	318	94%	90% - 110%
Be	2.6	2.5	97%	90% - 110%	4.0	3	76%	90% - 110%					2.6	2.4	93%	90% - 110%
Ca	5.72	5.6	98%	90% - 110%	0.907	0.836	92%	90% - 110%	4.01	3.73	93%	90% - 110%	5.72	5.3	93%	90% - 110%
Ce	122	111	91%	90% - 110%	98	100	102%	90% - 110%	24	20	83%	90% - 110%	122	115	94%	90% - 110%
Co									22.1	20.1	91%	90% - 110%				
Cr					60.3	63.6	105%	90% - 110%								
Cu					150	149	100%	90% - 110%	88.6	82.8	93%	90% - 110%				
Fe	4.34	4.17	96%	90% - 110%	3.77	3.56	94%	90% - 110%	7.56	7.19	95%	90% - 110%	4.34	3.97	91%	90% - 110%
Ga	35	35	101%	90% - 110%									35	36	102%	90% - 110%
K	1.37	1.48	108%	90% - 110%					2.021	2.12	105%	90% - 110%	1.37	1.48	108%	90% - 110%
La	58	53	92%	90% - 110%	44	44	100%	90% - 110%					58	53	91%	90% - 110%
Li	37	38	103%	90% - 110%	47	48	102%	90% - 110%					37	40	107%	90% - 110%
Mg	0.325	0.297	91%	90% - 110%	1.10	1.05	96%	90% - 110%	2.412	2.382	99%	90% - 110%	0.325	0.297	92%	90% - 110%
Mn					780	740	95%	90% - 110%	1510	1437	95%	90% - 110%				
Mo					14	15	109%	90% - 110%								
Na	5.267	5.613	107%	90% - 110%	1.624	1.663	102%	90% - 110%	0.617	0.614	100%	90% - 110%	5.267	5.394	102%	90% - 110%
Ni					32	32	99%	90% - 110%	77.1	70.4	91%	90% - 110%				
P					750	816	109%	90% - 110%	892	948	106%	90% - 110%				
Pb	10	8	84%	90% - 110%	31	30	97%	90% - 110%					10	8	76%	90% - 110%
S									0.348	0.334	96%	90% - 110%				
Sc	1.1	1.1	101%	90% - 110%	12	13	107%	90% - 110%					1.1	1.1	96%	90% - 110%
Sr	1191	1134	95%	90% - 110%	144	147	102%	90% - 110%	92.8	87.3	94%	90% - 110%	1191	1154	97%	90% - 110%
Ti	0.172	0.163	95%	90% - 110%	0.53	0.48	90%	90% - 110%					0.172	0.162	94%	90% - 110%
V	8	9	108%	90% - 110%	77	82	107%	90% - 110%					8	8	99%	90% - 110%
Y	119	124	104%	90% - 110%									119	124	104%	90% - 110%
Zn	93	94	102%	90% - 110%	130	119	91%	90% - 110%	208	204	98%	90% - 110%	93	89	95%	90% - 110%

**(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)**

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP5G)				CRM #4 (ref.GSP7M)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits



**AGAT** Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 19T486547

PROJECT: AGAT00672

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Au	5.27	5.36	102%	90% - 110%	6.87	6.69	97%	90% - 110%	0.562	0.562	100%	90% - 110%	0.725	0.655	90%	90% - 110%
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## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00672  
 SAMPLING SITE:

AGAT WORK ORDER: 19T486547  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE



CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Stephen Brooking

PROJECT: AGAT00673

AGAT WORK ORDER: 19T486581

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jul 12, 2019

PAGES (INCLUDING COVER): 20

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T486581

PROJECT: AGAT00673

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Jun 27, 2019

DATE RECEIVED: Jun 28, 2019

DATE REPORTED: Jul 12, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
B61905 (313264)		2.31
B61906 (313265)		0.07
B61907 (313266)		1.88
B61908 (313267)		2.15
B61909 (313268)		2.18
B61910 (313269)		2.71
B61911 (313270)		2.07
B61912 (313271)		0.58
B61913 (313272)		2.25
B61914 (313273)		2.27
B61915 (313274)		1.90
B61916 (313275)		2.30
B61917 (313276)		2.90
B61918 (313277)		2.90
B61919 (313278)		2.46
B61920 (313279)		1.28
B61921 (313280)		2.04
B61922 (313281)		2.19
B61923 (313282)		1.40
B61924 (313283)		1.69
B61925 (313284)		2.63
B61926 (313285)		0.07
B61927 (313286)		2.18
B61928 (313287)		2.19
B61929 (313288)		2.37
B61930 (313289)		1.27
B61931 (313290)		1.11
B61932 (313291)		0.55
B61933 (313292)		0.94
B61934 (313293)		2.17
B61935 (313294)		1.85

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T486581

PROJECT: AGAT00673

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (200-) Sample Login Weight

DATE SAMPLED: Jun 27, 2019	DATE RECEIVED: Jun 28, 2019	DATE REPORTED: Jul 12, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
B61936 (313295)		1.12
B61937 (313296)		2.87
B61938 (313297)		2.87
B61939 (313298)		1.89
B61940 (313299)		0.79
B61941 (313300)		3.09
B61942 (313301)		1.00
B61943 (313302)		0.91
B61944 (313303)		0.93
B61945 (313304)		2.26
B61946 (313305)		0.07
B61947 (313306)		1.55
B61948 (313307)		1.23
B61949 (313308)		0.99

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T486581

PROJECT: AGAT00673

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 27, 2019	DATE RECEIVED: Jun 28, 2019							DATE REPORTED: Jul 12, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
B61905 (313264)	<0.5	7.64	<1	342	0.9	<1	2.63	<0.5	43	5.0	122	<0.5	3.06	18	
B61906 (313265)	<0.5	7.46	<1	144	<0.5	<1	6.80	<0.5	6	38.7	161	152	7.98	28	
B61907 (313266)	<0.5	7.70	<1	402	1.0	<1	2.69	<0.5	46	5.2	107	<0.5	3.05	19	
B61908 (313267)	<0.5	7.50	<1	449	1.0	<1	2.59	<0.5	50	5.3	112	<0.5	3.29	19	
B61909 (313268)	<0.5	7.66	<1	544	1.2	<1	2.42	<0.5	46	5.1	93.4	<0.5	3.14	19	
B61910 (313269)	<0.5	7.54	<1	500	0.9	<1	2.36	<0.5	46	5.4	108	<0.5	3.16	18	
B61911 (313270)	<0.5	7.74	<1	499	1.1	<1	2.47	<0.5	44	5.6	95.5	<0.5	3.39	19	
B61912 (313271)	<0.5	0.07	<1	13	<0.5	<1	31.6	<0.5	<1	<0.5	2.2	<0.5	0.09	<5	
B61913 (313272)	<0.5	7.27	<1	433	1.6	<1	4.49	<0.5	42	5.3	86.1	11.9	3.03	16	
B61914 (313273)	<0.5	7.02	7	559	1.8	<1	2.74	<0.5	47	9.0	103	21.6	3.32	18	
B61915 (313274)	<0.5	2.75	<1	585	<0.5	<1	4.95	<0.5	91	52.9	1180	56.4	7.06	21	
B61916 (313275)	<0.5	7.56	<1	422	1.8	<1	2.46	<0.5	46	5.0	97.0	7.3	3.13	19	
B61917 (313276)	<0.5	7.50	<1	321	1.3	<1	2.33	<0.5	42	5.9	107	8.1	3.18	18	
B61918 (313277)	<0.5	7.60	<1	317	1.3	<1	2.28	<0.5	41	5.5	101	7.8	3.15	18	
B61919 (313278)	<0.5	7.21	1	408	1.1	<1	1.17	<0.5	6	<0.5	59.8	0.7	0.61	13	
B61920 (313279)	<0.5	7.75	<1	253	1.8	<1	2.19	<0.5	44	5.7	123	11.1	3.28	21	
B61921 (313280)	<0.5	7.48	<1	233	1.6	<1	2.20	<0.5	32	3.3	100	6.9	2.35	18	
B61922 (313281)	<0.5	7.33	<1	226	1.7	<1	2.14	<0.5	28	3.0	101	2.3	1.71	15	
B61923 (313282)	<0.5	7.61	<1	306	1.8	<1	2.37	<0.5	44	5.2	107	1.0	3.13	19	
B61924 (313283)	<0.5	7.59	<1	304	1.5	<1	2.39	<0.5	35	4.3	98.6	2.3	2.55	19	
B61925 (313284)	<0.5	7.65	<1	393	1.6	<1	2.52	<0.5	45	6.7	126	14.2	3.34	18	
B61926 (313285)	<0.5	7.52	<1	185	<0.5	<1	6.16	<0.5	17	37.1	173	102	7.44	30	
B61927 (313286)	<0.5	7.31	<1	317	1.1	<1	2.56	<0.5	37	4.6	121	6.7	2.91	18	
B61928 (313287)	<0.5	7.54	<1	338	1.4	<1	2.39	<0.5	51	5.7	134	<0.5	3.27	18	
B61929 (313288)	<0.5	7.64	<1	330	1.0	<1	2.47	<0.5	44	5.7	106	<0.5	3.34	19	
B61930 (313289)	<0.5	7.72	<1	275	2.4	<1	2.05	<0.5	39	3.6	95.2	<0.5	2.42	19	
B61931 (313290)	<0.5	7.74	<1	318	1.9	<1	2.54	<0.5	44	4.9	96.3	3.9	3.22	20	
B61932 (313291)	<0.5	0.08	<1	14	<0.5	<1	33.1	<0.5	1	<0.5	2.0	<0.5	0.09	<5	
B61933 (313292)	<0.5	7.21	<1	176	1.6	<1	4.48	<0.5	19	2.6	73.0	<0.5	1.59	17	
B61934 (313293)	<0.5	7.50	<1	284	1.3	<1	2.27	<0.5	42	4.6	107	0.6	3.03	17	
B61935 (313294)	<0.5	7.61	<1	331	0.7	<1	2.33	<0.5	45	5.5	102	22.6	3.43	18	
B61936 (313295)	<0.5	7.57	<1	282	0.6	<1	2.19	0.5	44	7.8	131	83.7	3.98	19	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T486581

PROJECT: AGAT00673

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 27, 2019	DATE RECEIVED: Jun 28, 2019					DATE REPORTED: Jul 12, 2019					SAMPLE TYPE: Drill Core				
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
B61937 (313296)		<0.5	7.74	<1	314	0.8	<1	2.69	<0.5	45	5.8	119	9.2	3.50	19
B61938 (313297)		<0.5	7.71	<1	303	0.8	<1	2.65	<0.5	45	5.9	103	9.4	3.52	19
B61939 (313298)		<0.5	7.69	<1	429	0.9	<1	2.42	<0.5	44	6.6	116	22.9	3.44	17
B61940 (313299)		<0.5	6.76	3	192	0.9	<1	6.81	<0.5	259	29.0	248	123	5.80	23
B61941 (313300)		<0.5	7.52	<1	417	1.3	<1	2.35	<0.5	47	6.0	100	22.6	3.24	19
B61942 (313301)		<0.5	6.96	<1	154	2.1	<1	6.02	<0.5	57	28.2	260	14.1	6.02	22
B61943 (313302)		<0.5	7.58	<1	253	1.4	<1	3.26	<0.5	52	13.8	179	4.9	4.30	20
B61944 (313303)		<0.5	7.58	<1	509	1.3	<1	1.61	<0.5	28	2.2	75.9	50.7	1.27	16
B61945 (313304)		<0.5	7.64	<1	344	1.3	<1	2.77	<0.5	45	5.6	111	<0.5	3.35	18
B61946 (313305)		<0.5	7.36	<1	142	<0.5	<1	6.71	<0.5	6	38.6	163	152	7.90	29
B61947 (313306)		<0.5	7.64	<1	317	1.3	<1	2.66	<0.5	43	5.9	112	<0.5	3.51	19
B61948 (313307)		<0.5	7.48	<1	245	1.7	<1	2.15	<0.5	41	5.2	108	<0.5	3.27	18
B61949 (313308)		<0.5	6.68	2	284	2.3	<1	4.32	<0.5	54	8.4	89.1	22.9	3.56	18

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T486581

PROJECT: AGAT00673

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 27, 2019	DATE RECEIVED: Jun 28, 2019					DATE REPORTED: Jul 12, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
B61905 (313264)	<1	1.09	20	25	0.58	620	15.9	2.96	6.4	562	<20	<50	0.02	1	
B61906 (313265)	<1	0.21	3	13	4.33	1400	1.7	2.37	85.1	460	<20	<50	0.16	2	
B61907 (313266)	<1	1.41	20	21	0.63	678	8.4	3.06	9.3	700	<20	<50	0.02	2	
B61908 (313267)	<1	1.53	21	19	0.63	695	13.0	2.90	7.1	534	<20	<50	0.03	<1	
B61909 (313268)	<1	1.31	21	33	0.60	515	7.9	2.91	6.5	602	<20	<50	0.01	<1	
B61910 (313269)	<1	1.31	21	29	0.62	597	13.5	2.87	6.2	575	<20	<50	0.02	<1	
B61911 (313270)	<1	1.33	20	31	0.62	690	8.0	2.92	6.5	605	<20	<50	0.01	<1	
B61912 (313271)	<1	0.02	<2	1	2.49	111	0.5	0.04	0.5	89	<20	<50	0.03	<1	
B61913 (313272)	<1	1.21	20	25	0.68	673	9.2	2.83	5.8	580	<20	<50	0.11	2	
B61914 (313273)	<1	1.39	22	29	1.14	705	7.9	3.70	29.4	711	<20	<50	0.17	2	
B61915 (313274)	<1	2.75	45	65	11.7	1140	3.7	1.65	604	2000	<20	79	0.07	8	
B61916 (313275)	<1	1.48	22	26	0.74	728	9.3	3.35	7.5	630	<20	<50	0.10	<1	
B61917 (313276)	<1	1.44	19	28	0.67	917	12.8	3.04	9.6	545	<20	<50	0.08	1	
B61918 (313277)	<1	1.46	19	28	0.61	872	12.2	3.01	6.7	556	<20	<50	0.08	1	
B61919 (313278)	<1	3.37	3	4	0.09	257	9.0	2.89	2.6	56	23	<50	0.01	<1	
B61920 (313279)	<1	1.40	20	34	0.60	820	10.2	3.03	7.2	597	<20	<50	0.09	2	
B61921 (313280)	<1	1.15	14	20	0.43	576	13.2	3.23	4.7	413	<20	<50	0.06	<1	
B61922 (313281)	<1	0.90	13	15	0.27	512	10.3	3.20	4.9	287	<20	<50	0.02	1	
B61923 (313282)	<1	1.55	20	38	0.54	625	12.8	3.02	6.2	572	<20	<50	0.03	<1	
B61924 (313283)	<1	1.20	16	35	0.44	542	8.9	3.25	5.3	824	<20	<50	0.02	1	
B61925 (313284)	<1	1.25	20	31	0.73	652	13.7	2.87	9.2	628	<20	<50	0.07	<1	
B61926 (313285)	<1	0.45	9	10	4.21	1290	1.9	2.28	104	957	<20	<50	0.09	1	
B61927 (313286)	<1	1.04	17	23	0.57	633	10.7	2.88	5.7	504	<20	<50	0.04	1	
B61928 (313287)	<1	1.37	22	28	0.61	698	10.1	2.92	6.5	586	<20	<50	0.02	<1	
B61929 (313288)	<1	1.21	20	29	0.62	646	12.1	2.89	5.9	617	<20	<50	0.02	1	
B61930 (313289)	<1	1.65	18	19	0.59	590	9.1	3.38	5.7	399	<20	<50	0.03	2	
B61931 (313290)	<1	1.41	19	25	0.66	656	11.3	3.09	5.2	615	<20	<50	0.03	2	
B61932 (313291)	<1	0.02	<2	1	1.85	104	<0.5	0.04	<0.5	98	<20	<50	0.05	<1	
B61933 (313292)	<1	1.22	9	15	0.44	334	7.4	3.32	4.0	244	<20	<50	0.01	<1	
B61934 (313293)	<1	1.30	18	30	0.57	734	12.9	3.02	4.6	590	<20	<50	0.02	1	
B61935 (313294)	<1	1.30	20	32	0.66	814	10.4	2.80	4.7	666	<20	<50	0.16	<1	
B61936 (313295)	<1	1.45	20	34	0.71	800	27.4	2.80	5.5	911	24	<50	0.62	1	

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## Certificate of Analysis

AGAT WORK ORDER: 19T486581

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 27, 2019	DATE RECEIVED: Jun 28, 2019					DATE REPORTED: Jul 12, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
B61937 (313296)	<1	1.19	20	33	0.71	747	11.1	2.95	5.2	697	<20	<50	0.08	2	
B61938 (313297)	<1	1.19	19	34	0.72	750	10.9	2.91	5.1	706	<20	<50	0.08	<1	
B61939 (313298)	<1	1.30	19	25	0.69	792	93.5	2.94	7.1	681	<20	<50	0.13	<1	
B61940 (313299)	<1	0.85	124	20	5.23	1490	5.6	2.15	204	3040	<20	<50	0.34	1	
B61941 (313300)	<1	1.32	21	27	0.67	566	11.3	2.94	6.6	659	<20	<50	0.07	1	
B61942 (313301)	<1	1.20	26	33	4.62	1260	3.8	2.28	60.4	1710	<20	<50	0.04	2	
B61943 (313302)	<1	1.51	23	45	2.05	1110	9.8	2.69	25.9	1070	<20	<50	0.02	1	
B61944 (313303)	<1	2.68	13	14	0.25	219	8.3	2.95	3.5	191	28	<50	0.08	<1	
B61945 (313304)	<1	1.38	20	27	0.78	874	11.3	3.06	7.1	700	<20	<50	0.01	<1	
B61946 (313305)	<1	0.20	3	12	4.24	1380	1.5	2.33	84.9	451	<20	<50	0.16	2	
B61947 (313306)	<1	1.46	19	22	0.67	835	8.7	3.23	6.0	644	<20	<50	<0.01	1	
B61948 (313307)	<1	1.61	19	23	0.60	933	12.6	3.40	5.4	684	<20	<50	0.01	1	
B61949 (313308)	<1	2.73	23	12	1.60	1020	6.5	3.31	31.2	410	<20	<50	0.04	2	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T486581

PROJECT: AGAT00673

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 27, 2019

DATE RECEIVED: Jun 28, 2019

DATE REPORTED: Jul 12, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
B61905 (313264)	12	<10	<5	161	<10	<10	<5	0.25	<5	<50	24.9	<1	25	68.6
B61906 (313265)	46	<10	<5	110	<10	<10	<5	0.70	<5	<50	304	<1	23	80.1
B61907 (313266)	13	<10	<5	170	<10	<10	<5	0.25	<5	<50	27.5	<1	28	81.6
B61908 (313267)	10	<10	<5	169	<10	<10	<5	0.24	<5	<50	26.8	<1	25	85.1
B61909 (313268)	8	<10	<5	177	<10	<10	<5	0.27	<5	<50	27.7	<1	18	70.7
B61910 (313269)	8	<10	<5	172	<10	<10	<5	0.27	<5	<50	26.8	<1	21	69.4
B61911 (313270)	10	<10	<5	177	<10	<10	<5	0.27	<5	<50	28.3	<1	26	74.1
B61912 (313271)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	4.0
B61913 (313272)	9	<10	<5	160	<10	<10	<5	0.25	<5	<50	26.2	<1	26	86.7
B61914 (313273)	10	<10	<5	238	<10	<10	<5	0.32	<5	<50	40.2	<1	28	84.7
B61915 (313274)	18	<10	<5	474	<10	<10	<5	1.30	<5	<50	168	<1	18	79.8
B61916 (313275)	10	<10	<5	202	<10	<10	<5	0.26	<5	<50	31.5	<1	27	101
B61917 (313276)	10	<10	<5	157	<10	<10	<5	0.25	<5	<50	27.9	<1	30	76.4
B61918 (313277)	10	<10	<5	155	<10	<10	<5	0.24	<5	<50	27.0	<1	27	75.5
B61919 (313278)	2	<10	<5	103	<10	<10	5	0.03	<5	<50	4.5	<1	10	14.5
B61920 (313279)	10	<10	<5	130	<10	<10	<5	0.27	<5	<50	29.5	<1	28	87.1
B61921 (313280)	8	<10	<5	138	<10	<10	<5	0.19	<5	<50	19.5	<1	22	55.3
B61922 (313281)	6	<10	<5	132	<10	<10	<5	0.12	<5	<50	13.9	<1	22	37.3
B61923 (313282)	11	<10	<5	133	<10	<10	<5	0.25	<5	<50	30.5	<1	25	75.2
B61924 (313283)	8	<10	<5	142	<10	<10	<5	0.19	<5	<50	21.0	<1	26	58.7
B61925 (313284)	11	<10	<5	155	<10	<10	<5	0.27	<5	<50	31.0	<1	27	79.1
B61926 (313285)	35	<10	<5	234	<10	<10	<5	0.85	<5	<50	238	<1	23	89.4
B61927 (313286)	9	<10	<5	156	<10	<10	<5	0.23	<5	<50	24.0	<1	24	68.3
B61928 (313287)	12	<10	<5	138	<10	<10	<5	0.27	<5	<50	34.4	<1	28	76.6
B61929 (313288)	10	<10	<5	141	<10	<10	<5	0.27	<5	<50	26.5	<1	29	75.5
B61930 (313289)	9	<10	<5	120	<10	<10	<5	0.18	<5	<50	21.5	<1	25	44.4
B61931 (313290)	11	<10	<5	142	<10	<10	<5	0.27	<5	<50	27.3	<1	25	72.9
B61932 (313291)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	2.6
B61933 (313292)	6	<10	<5	106	<10	<10	<5	0.14	<5	<50	13.4	<1	11	41.6
B61934 (313293)	10	<10	<5	134	<10	<10	<5	0.24	<5	<50	21.2	<1	30	74.0
B61935 (313294)	10	<10	<5	144	<10	<10	<5	0.26	<5	<50	21.3	<1	30	111
B61936 (313295)	10	<10	<5	160	<10	<10	<5	0.30	<5	<50	22.5	<1	31	274

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## Certificate of Analysis

AGAT WORK ORDER: 19T486581

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 27, 2019

DATE RECEIVED: Jun 28, 2019

DATE REPORTED: Jul 12, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sc ppm 1	Se ppm 10	Sn ppm 5	Sr ppm 1	Ta ppm 10	Te ppm 10	Th ppm 5	Ti % 0.01	Tl ppm 5	U ppm 50	V ppm 0.5	W ppm 1	Y ppm 1	Zn ppm 0.5
B61937 (313296)		10	<10	<5	173	<10	<10	<5	0.28	<5	<50	22.2	<1	28	90.1
B61938 (313297)		10	<10	<5	170	<10	<10	<5	0.28	<5	<50	22.6	<1	29	89.7
B61939 (313298)		10	<10	<5	235	<10	<10	<5	0.28	<5	<50	23.6	<1	32	85.7
B61940 (313299)		19	<10	<5	595	<10	<10	<5	0.54	<5	<50	154	<1	26	117
B61941 (313300)		10	<10	<5	254	<10	<10	<5	0.27	<5	<50	26.4	<1	24	79.7
B61942 (313301)		29	<10	<5	381	<10	<10	<5	0.44	<5	<50	160	<1	22	94.8
B61943 (313302)		17	<10	<5	265	<10	<10	<5	0.35	<5	<50	75.4	<1	29	90.9
B61944 (313303)		4	<10	<5	142	<10	<10	<5	0.10	<5	<50	8.4	<1	7	76.7
B61945 (313304)		11	<10	<5	185	<10	<10	<5	0.26	<5	<50	26.8	<1	28	74.1
B61946 (313305)		47	<10	<5	109	<10	<10	<5	0.69	<5	<50	305	<1	23	80.1
B61947 (313306)		11	<10	<5	158	<10	<10	<5	0.25	<5	<50	26.7	<1	27	71.1
B61948 (313307)		10	<10	<5	125	<10	<10	<5	0.24	<5	<50	24.1	<1	26	62.1
B61949 (313308)		15	<10	<5	264	<10	<10	<5	0.12	<5	<50	54.1	<1	15	46.2

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 27, 2019      DATE RECEIVED: Jun 28, 2019      DATE REPORTED: Jul 12, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
B61905 (313264)				167
B61906 (313265)				54
B61907 (313266)				164
B61908 (313267)				155
B61909 (313268)				168
B61910 (313269)				167
B61911 (313270)				158
B61912 (313271)				<5
B61913 (313272)				167
B61914 (313273)				183
B61915 (313274)				180
B61916 (313275)				181
B61917 (313276)				157
B61918 (313277)				150
B61919 (313278)				47
B61920 (313279)				171
B61921 (313280)				145
B61922 (313281)				106
B61923 (313282)				172
B61924 (313283)				136
B61925 (313284)				178
B61926 (313285)				92
B61927 (313286)				146
B61928 (313287)				179
B61929 (313288)				169
B61930 (313289)				126
B61931 (313290)				176
B61932 (313291)				<5
B61933 (313292)				97
B61934 (313293)				182
B61935 (313294)				192
B61936 (313295)				187

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jun 27, 2019      DATE RECEIVED: Jun 28, 2019      DATE REPORTED: Jul 12, 2019      SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
B61937 (313296)	188
B61938 (313297)	190
B61939 (313298)	194
B61940 (313299)	109
B61941 (313300)	176
B61942 (313301)	101
B61943 (313302)	158
B61944 (313303)	61
B61945 (313304)	171
B61946 (313305)	52
B61947 (313306)	179
B61948 (313307)	165
B61949 (313308)	91

Comments: RDL - Reported Detection Limit  
313264-313308 As, Sb values may be low due to digestion losses.  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 27, 2019      DATE RECEIVED: Jun 28, 2019      DATE REPORTED: Jul 12, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
B61905 (313264)			0.003
B61906 (313265)			0.504
B61907 (313266)			0.001
B61908 (313267)			0.001
B61909 (313268)			0.001
B61910 (313269)			0.002
B61911 (313270)			0.001
B61912 (313271)			0.002
B61913 (313272)			0.001
B61914 (313273)			0.002
B61915 (313274)			0.006
B61916 (313275)			0.002
B61917 (313276)			0.007
B61918 (313277)			0.002
B61919 (313278)			0.001
B61920 (313279)			0.001
B61921 (313280)			0.001
B61922 (313281)			0.001
B61923 (313282)			0.001
B61924 (313283)			0.001
B61925 (313284)			0.002
B61926 (313285)			0.341
B61927 (313286)			0.001
B61928 (313287)			0.002
B61929 (313288)			0.001
B61930 (313289)			0.002
B61931 (313290)			0.001
B61932 (313291)			0.001
B61933 (313292)			0.001
B61934 (313293)			<0.001
B61935 (313294)			0.002
B61936 (313295)			0.002

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T486581

PROJECT: AGAT00673

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 27, 2019      DATE RECEIVED: Jun 28, 2019      DATE REPORTED: Jul 12, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
B61937 (313296)			0.001
B61938 (313297)			0.001
B61939 (313298)			0.001
B61940 (313299)			0.001
B61941 (313300)			0.004
B61942 (313301)			0.002
B61943 (313302)			0.003
B61944 (313303)			0.002
B61945 (313304)			0.006
B61946 (313305)			0.540
B61947 (313306)			0.004
B61948 (313307)			0.005
B61949 (313308)			0.002

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T486581

PROJECT: AGAT00673

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Crushing)

DATE SAMPLED: Jun 27, 2019

DATE RECEIVED: Jun 28, 2019

DATE REPORTED: Jul 12, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
B61905 (313264)		80.80
B61924 (313283)		83.23

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T486581

PROJECT: AGAT00673

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jun 27, 2019	DATE RECEIVED: Jun 28, 2019	DATE REPORTED: Jul 12, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
B61905 (313264)		89.04
B61945 (313304)		88.91
B61947 (313306)		89.28

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	313264	< 0.5	< 0.5	0.0%	313278	< 0.5	< 0.5	0.0%	313289	< 0.5	< 0.5	0.0%	313303	< 0.5	< 0.5	0.0%
Al	313264	7.64	7.67	0.4%	313278	7.21	7.09	1.7%	313289	7.72	7.61	1.4%	313303	7.58	7.73	2.0%
As	313264	< 1	< 1	0.0%	313278	1	< 1		313289	< 1	< 1	0.0%	313303	< 1	< 1	0.0%
Ba	313264	342	339	0.9%	313278	408	415	1.7%	313289	275	271	1.5%	313303	509	522	2.5%
Be	313264	0.9	0.9	0.0%	313278	1.1	1.4	24.0%	313289	2.4	2.4	0.0%	313303	1.3	1.3	0.0%
Bi	313264	< 1	< 1	0.0%	313278	< 1	< 1	0.0%	313289	< 1	< 1	0.0%	313303	< 1	< 1	0.0%
Ca	313264	2.63	2.68	1.9%	313278	1.17	1.19	1.7%	313289	2.05	2.03	1.0%	313303	1.61	1.64	1.8%
Cd	313264	< 0.5	< 0.5	0.0%	313278	< 0.5	< 0.5	0.0%	313289	< 0.5	< 0.5	0.0%	313303	< 0.5	< 0.5	0.0%
Ce	313264	43	46	6.7%	313278	6	7	15.4%	313289	39	41	5.0%	313303	28	26	7.4%
Co	313264	5.01	4.82	3.9%	313278	< 0.5	< 0.5	0.0%	313289	3.6	3.8	5.4%	313303	2.2	2.1	4.7%
Cr	313264	122	117	4.2%	313278	59.8	66.9	11.2%	313289	95.2	105	9.8%	313303	75.9	75.1	1.1%
Cu	313264	< 0.5	< 0.5	0.0%	313278	0.7	1.0		313289	< 0.5	< 0.5	0.0%	313303	50.7	50.8	0.2%
Fe	313264	3.06	3.06	0.0%	313278	0.61	0.61	0.0%	313289	2.42	2.37	2.1%	313303	1.27	1.31	3.1%
Ga	313264	18	19	5.4%	313278	13	12	8.0%	313289	19	20	5.1%	313303	16	16	0.0%
In	313264	< 1	< 1	0.0%	313278	< 1	< 1	0.0%	313289	< 1	< 1	0.0%	313303	< 1	< 1	0.0%
K	313264	1.09	1.09	0.0%	313278	3.37	3.42	1.5%	313289	1.65	1.63	1.2%	313303	2.68	2.80	4.4%
La	313264	20	21	4.9%	313278	3	3	0.0%	313289	18	18	0.0%	313303	13	13	0.0%
Li	313264	25	25	0.0%	313278	4	4	0.0%	313289	19	18	5.4%	313303	14	14	0.0%
Mg	313264	0.58	0.58	0.0%	313278	0.09	0.09	0.0%	313289	0.593	0.602	1.5%	313303	0.251	0.256	2.0%
Mn	313264	620	625	0.8%	313278	257	249	3.2%	313289	590	595	0.8%	313303	219	228	4.0%
Mo	313264	15.9	14.3	10.6%	313278	9.02	9.10	0.9%	313289	9.1	10.4	13.3%	313303	8.34	8.84	5.8%
Na	313264	2.96	3.01	1.7%	313278	2.89	2.92	1.0%	313289	3.38	3.32	1.8%	313303	2.95	2.97	0.7%
Ni	313264	6.4	6.0	6.5%	313278	2.62	2.72	3.7%	313289	5.7	6.1	6.8%	313303	3.48	4.15	17.6%
P	313264	562	562	0.0%	313278	56	44	24.0%	313289	399	413	3.4%	313303	191	207	8.0%
Pb	313264	< 20	< 20	0.0%	313278	23	22	4.4%	313289	< 20	< 20	0.0%	313303	28	28	0.0%
Rb	313264	< 50	< 50	0.0%	313278	< 50	< 50	0.0%	313289	< 50	< 50	0.0%	313303	< 50	< 50	0.0%
S	313264	0.017	0.014	19.4%	313278	0.01	0.01	0.0%	313289	0.026	0.021	21.3%	313303	0.084	0.089	5.8%
Sb	313264	1	2		313278	< 1	< 1	0.0%	313289	2	1		313303	< 1	< 1	0.0%
Sc	313264	12	12	0.0%	313278	2	2	0.0%	313289	9	9	0.0%	313303	4	4	0.0%
Se	313264	< 10	< 10	0.0%	313278	< 10	< 10	0.0%	313289	< 10	< 10	0.0%	313303	< 10	< 10	0.0%
Sn	313264	< 5	< 5	0.0%	313278	< 5	< 5	0.0%	313289	< 5	< 5	0.0%	313303	< 5	< 5	0.0%





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Sr	313264	161	163	1.2%	313278	103	105	1.9%	313289	120	118	1.7%	313303	142	144	1.4%
Ta	313264	< 10	< 10	0.0%	313278	< 10	< 10	0.0%	313289	< 10	< 10	0.0%	313303	< 10	< 10	0.0%
Te	313264	< 10	< 10	0.0%	313278	< 10	< 10	0.0%	313289	< 10	< 10	0.0%	313303	< 10	< 10	0.0%
Th	313264	< 5	< 5	0.0%	313278	5	5	0.0%	313289	< 5	< 5	0.0%	313303	< 5	< 5	0.0%
Ti	313264	0.25	0.25	0.0%	313278	0.025	0.025	0.0%	313289	0.178	0.170	4.6%	313303	0.10	0.10	0.0%
Tl	313264	< 5	< 5	0.0%	313278	< 5	< 5	0.0%	313289	< 5	< 5	0.0%	313303	< 5	< 5	0.0%
U	313264	< 50	< 50	0.0%	313278	< 50	< 50	0.0%	313289	< 50	< 50	0.0%	313303	< 50	< 50	0.0%
V	313264	24.9	25.5	2.4%	313278	4.5	4.4	2.2%	313289	21.5	22.0	2.3%	313303	8.44	8.74	3.5%
W	313264	< 1	< 1	0.0%	313278	< 1	< 1	0.0%	313289	< 1	< 1	0.0%	313303	< 1	< 1	0.0%
Y	313264	25	27	7.7%	313278	10	10	0.0%	313289	25	26	3.9%	313303	7	7	0.0%
Zn	313264	68.6	69.7	1.6%	313278	14.5	14.2	2.1%	313289	44.4	43.6	1.8%	313303	76.7	78.3	2.1%
Zr	313264	167	173	3.5%	313278	47	43	8.9%	313289	126	133	5.4%	313303	61	66	7.9%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	313264	0.0027	0.0024	11.8%	313278	< 0.001	0.001		313289	0.002	0.001		313303	0.002	0.001	

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Al	10.95	11.16	102%	90% - 110%	8.17	8.41	103%	90% - 110%	6.96	6.89	99%	90% - 110%				
As					26	25	96%	90% - 110%	124	124	100%	90% - 110%				
Ba	340	326	96%	90% - 110%	540	530	98%	90% - 110%	186	178	95%	90% - 110%				
Be	2.6	2.7	103%	90% - 110%	4.0	3.2	79%	90% - 110%								
Ca	5.72	5.52	97%	90% - 110%	0.907	0.89	98%	90% - 110%	4.01	3.83	96%	90% - 110%				
Ce	122	113	92%	90% - 110%	98	93	94%	90% - 110%	24	19	81%	90% - 110%				
Co									22.1	20	90%	90% - 110%				
Cr					60.3	64.7	107%	90% - 110%								
Cu					150	149	100%	90% - 110%	88.6	81.5	92%	90% - 110%				
Fe	4.34	3.98	92%	90% - 110%	3.77	3.65	97%	90% - 110%	7.56	7.16	95%	90% - 110%				
Ga	35	34	97%	90% - 110%												
K	1.37	1.47	107%	90% - 110%					2.021	2.051	102%	90% - 110%				
La	58	55	94%	90% - 110%	44	42	96%	90% - 110%								
Li	37	38	102%	90% - 110%	47	47	99%	90% - 110%								
Mg	0.325	0.299	92%	90% - 110%	1.10	1.09	99%	90% - 110%	2.412	2.35	97%	90% - 110%				
Mn					780	752	96%	90% - 110%	1510	1419	94%	90% - 110%				
Mo					14	14	102%	90% - 110%								
Na	5.267	5.447	103%	90% - 110%	1.624	1.682	104%	90% - 110%	0.617	0.617	100%	90% - 110%				
Ni					32	32	101%	90% - 110%	77.1	70.4	91%	90% - 110%				
P					750	803	107%	90% - 110%	892	964	108%	90% - 110%				
Pb	10	9	90%	90% - 110%	31	28	92%	90% - 110%								
S									0.348	0.343	99%	90% - 110%				
Sb					0.8	1	126%	90% - 110%								
Sc	1.1	1.1	99%	90% - 110%	12	13	106%	90% - 110%								
Sr	1191	1108	93%	90% - 110%	144	145	101%	90% - 110%	92.8	84.7	91%	90% - 110%				
Ti	0.172	0.169	98%	90% - 110%	0.53	0.495	93%	90% - 110%								
V	8	8	99%	90% - 110%	77	79	102%	90% - 110%								
Y	119	124	104%	90% - 110%												
Zn	93	94	101%	90% - 110%	130	126	97%	90% - 110%	208	207	100%	90% - 110%				

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Stephen Brooking

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GTS-2a)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	5.27	5.21	99%	90% - 110%	0.725	0.693	96%	90% - 110%								

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00673  
 SAMPLING SITE:

AGAT WORK ORDER: 19T486581  
 ATTENTION TO: Stephen Brooking  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill, Christine Shultis

PROJECT: AGAT00676

AGAT WORK ORDER: 19T487909

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jul 16, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T487909

PROJECT: AGAT00676

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (200-) Sample Login Weight

DATE SAMPLED: Jul 02, 2019

DATE RECEIVED: Jul 03, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D70217 (322112)		1.75
D70218 (322113)		1.75
D70219 (322114)		3.39
D70220 (322115)		3.61
D70221 (322116)		3.31
D70222 (322117)		2.91
D70223 (322118)		3.35
D70224 (322119)		3.41
D70225 (322120)		2.19
D70226 (322121)		0.07
D70227 (322122)		1.45
D70228 (322123)		3.86
D70229 (322124)		2.06
D70230 (322125)		2.18
D70231 (322126)		1.66
D70232 (322127)		0.60
D70233 (322128)		2.88
D70234 (322129)		0.68
D70235 (322130)		3.14
D70236 (322131)		2.21
D70237 (322132)		2.92
D70238 (322133)		2.92
D70239 (322134)		1.84
D70240 (322135)		2.98
D70241 (322136)		3.37
D70242 (322137)		2.12
D70243 (322138)		1.30
D70244 (322139)		0.87
D70245 (322140)		2.42
D70246 (322141)		0.07
D70247 (322142)		1.45

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T487909

PROJECT: AGAT00676

5623 McADAM ROAD  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (200-) Sample Login Weight

DATE SAMPLED: Jul 02, 2019

DATE RECEIVED: Jul 03, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D70248 (322143)		2.22
D70249 (322144)		2.26
D70250 (322145)		3.11
D70251 (322146)		2.32
D70252 (322147)		0.39
D70253 (322148)		1.93
D70254 (322149)		2.21
D70255 (322150)		2.25
D70256 (322151)		2.09
D70257 (322152)		1.93
D70258 (322153)		1.93
D70259 (322154)		1.80
D70260 (322155)		2.98
D70261 (322156)		1.36
D70262 (322157)		2.73
D70263 (322158)		3.19
D70264 (322159)		1.93
D70265 (322160)		2.03
D70266 (322161)		0.07
D70267 (322162)		1.30
D70268 (322163)		3.32
D70269 (322164)		2.93
D70270 (322165)		3.23
D70271 (322166)		3.24
D70272 (322167)		0.62
D70273 (322168)		3.33
D70274 (322169)		3.16
D70275 (322170)		3.40
D70276 (322171)		2.36
D70277 (322172)		1.19
D70278 (322173)		1.21

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T487909

PROJECT: AGAT00676

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (200-) Sample Login Weight

DATE SAMPLED: Jul 02, 2019      DATE RECEIVED: Jul 03, 2019      DATE REPORTED: Jul 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D70279 (322174)		2.77
D70280 (322175)		3.41
D70281 (322176)		1.39
D70282 (322177)		2.48
D70283 (322178)		1.63
D70284 (322179)		0.85
D70285 (322180)		2.13
D70286 (322181)		0.06
D70287 (322182)		1.32
D70288 (322183)		3.63

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T487909

PROJECT: AGAT00676

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 02, 2019	DATE RECEIVED: Jul 03, 2019							DATE REPORTED: Jul 16, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D70217 (322112)	<0.5	7.85	4	436	1.3	<1	3.16	<0.5	44	21.6	98.0	36.8	5.06	24	
D70218 (322113)	<0.5	7.73	<1	438	1.2	<1	3.14	<0.5	47	20.7	85.3	36.3	5.08	26	
D70219 (322114)	<0.5	7.69	5	450	1.5	<1	2.58	<0.5	47	18.1	94.0	47.3	4.31	22	
D70220 (322115)	<0.5	7.72	3	504	1.1	<1	2.72	<0.5	49	17.1	93.8	37.2	4.17	22	
D70221 (322116)	<0.5	6.93	15	342	1.4	<1	3.32	<0.5	54	18.8	104	40.3	4.10	21	
D70222 (322117)	<0.5	7.36	<1	476	1.2	<1	2.28	<0.5	46	18.4	81.7	41.5	3.96	21	
D70223 (322118)	<0.5	7.65	1	457	1.3	<1	2.53	<0.5	47	17.3	91.5	40.8	4.02	22	
D70224 (322119)	<0.5	7.42	<1	442	1.1	<1	2.47	<0.5	45	16.2	97.1	40.6	3.78	21	
D70225 (322120)	<0.5	7.40	5	442	1.7	<1	2.45	<0.5	48	18.9	88.7	43.7	4.06	22	
D70226 (322121)	<0.5	7.47	<1	138	<0.5	<1	6.57	<0.5	5	39.1	162	153	7.98	30	
D70227 (322122)	<0.5	7.27	4	517	2.0	<1	2.69	<0.5	49	19.8	105	45.3	4.45	23	
D70228 (322123)	<0.5	2.96	<1	868	3.7	<1	6.88	<0.5	117	57.0	556	91.1	8.31	31	
D70229 (322124)	<0.5	7.24	4	403	5.2	<1	2.94	<0.5	50	21.9	131	54.5	4.62	23	
D70230 (322125)	<0.5	7.63	4	447	2.1	<1	2.65	<0.5	53	19.2	92.9	67.7	4.00	22	
D70231 (322126)	<0.5	7.67	4	429	1.9	<1	2.32	<0.5	55	16.3	89.6	42.7	3.64	21	
D70232 (322127)	<0.5	0.10	<1	20	<0.5	<1	30.3	<0.5	1	<0.5	1.0	<0.5	0.10	<5	
D70233 (322128)	<0.5	7.59	5	499	2.0	<1	2.40	<0.5	50	17.1	96.6	42.1	3.71	20	
D70234 (322129)	<0.5	3.38	<1	202	6.8	<1	7.97	<0.5	54	61.8	660	125	7.18	24	
D70235 (322130)	<0.5	7.24	4	374	2.0	<1	2.38	<0.5	45	16.7	86.1	32.7	3.56	20	
D70236 (322131)	<0.5	7.50	<1	461	1.6	<1	2.62	<0.5	46	16.7	81.9	41.8	3.84	22	
D70237 (322132)	<0.5	7.65	<1	533	1.2	<1	2.39	<0.5	51	17.7	86.2	43.9	4.03	22	
D70238 (322133)	<0.5	7.75	<1	531	1.2	<1	2.33	<0.5	46	17.1	78.0	44.1	3.93	23	
D70239 (322134)	<0.5	7.89	<1	517	1.0	<1	2.46	<0.5	47	16.8	73.8	36.1	4.06	23	
D70240 (322135)	<0.5	8.78	2	510	1.5	<1	2.30	<0.5	47	24.8	77.2	48.5	5.20	28	
D70241 (322136)	<0.5	8.41	16	434	1.2	<1	2.00	<0.5	47	20.0	61.8	50.5	4.12	24	
D70242 (322137)	<0.5	8.18	7	393	1.0	<1	2.02	<0.5	36	22.5	67.1	49.0	4.98	26	
D70243 (322138)	<0.5	9.02	77	488	1.2	<1	2.06	<0.5	46	27.2	93.5	38.7	5.75	29	
D70244 (322139)	<0.5	8.86	137	287	1.1	<1	1.59	<0.5	47	42.1	83.1	66.0	5.47	28	
D70245 (322140)	<0.5	8.41	7	364	1.0	<1	2.05	<0.5	46	23.9	68.1	46.2	5.43	27	
D70246 (322141)	<0.5	7.45	3	80	<0.5	<1	7.04	<0.5	5	39.1	168	154	7.30	30	
D70247 (322142)	<0.5	8.90	4	342	1.0	<1	2.39	<0.5	33	25.7	76.1	49.2	6.13	30	
D70248 (322143)	<0.5	7.44	6	389	1.2	<1	1.74	<0.5	42	23.1	62.8	43.8	5.27	26	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T487909

PROJECT: AGAT00676

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 02, 2019

DATE RECEIVED: Jul 03, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D70249 (322144)		<0.5	7.73	3	474	0.9	<1	1.30	<0.5	33	17.1	51.9	49.0	3.75	22
D70250 (322145)		<0.5	8.75	1	387	0.9	<1	2.13	<0.5	45	24.3	74.8	56.7	5.98	30
D70251 (322146)		<0.5	9.44	3	541	1.5	<1	2.45	<0.5	42	27.5	82.5	54.6	6.51	33
D70252 (322147)		<0.5	0.21	<1	22	<0.5	<1	30.3	<0.5	1	1.0	2.2	<0.5	0.16	<5
D70253 (322148)		<0.5	8.78	5	465	1.3	<1	2.43	<0.5	34	26.2	73.1	60.4	6.19	31
D70254 (322149)		<0.5	8.71	<1	448	1.2	<1	2.31	<0.5	40	26.8	75.0	60.2	6.11	30
D70255 (322150)		<0.5	8.38	<1	432	1.3	<1	2.36	<0.5	41	26.2	91.6	49.8	5.68	28
D70256 (322151)		<0.5	3.70	<1	299	4.7	<1	6.26	<0.5	64	58.7	774	142	7.57	25
D70257 (322152)		<0.5	7.71	<1	496	0.9	<1	1.31	<0.5	31	5.8	15.9	27.8	2.07	17
D70258 (322153)		<0.5	7.85	<1	493	0.9	<1	1.35	<0.5	30	5.9	14.5	30.6	2.12	16
D70259 (322154)		<0.5	7.75	1	480	0.8	<1	1.00	<0.5	40	6.2	11.5	24.6	2.43	17
D70260 (322155)		<0.5	7.99	<1	436	0.7	<1	1.28	<0.5	39	5.7	12.1	23.4	2.26	19
D70261 (322156)		<0.5	7.97	<1	531	0.7	<1	1.37	<0.5	39	7.7	12.2	35.7	2.87	22
D70262 (322157)		<0.5	7.82	<1	599	1.3	<1	3.53	<0.5	41	9.7	17.1	29.5	2.73	17
D70263 (322158)		<0.5	8.51	2	369	1.0	<1	2.71	<0.5	41	10.0	16.2	10.2	2.77	20
D70264 (322159)		<0.5	7.82	<1	272	1.9	<1	2.51	<0.5	41	8.1	12.6	66.8	2.60	17
D70265 (322160)		<0.5	8.13	<1	272	2.0	<1	1.88	<0.5	39	8.8	13.1	10.2	2.55	16
D70266 (322161)		<0.5	7.71	<1	178	0.6	<1	6.15	<0.5	15	37.2	148	106	7.59	32
D70267 (322162)		<0.5	8.08	<1	458	1.0	<1	1.60	<0.5	28	6.9	11.1	5.0	2.25	18
D70268 (322163)		<0.5	8.32	<1	281	1.6	<1	1.70	<0.5	24	7.5	10.8	9.1	2.37	19
D70269 (322164)		<0.5	7.80	<1	321	1.0	<1	2.48	<0.5	25	7.1	9.5	43.6	2.21	17
D70270 (322165)		<0.5	7.96	<1	387	0.9	<1	2.30	<0.5	28	5.6	10.6	19.9	2.10	18
D70271 (322166)		<0.5	8.08	<1	283	1.1	<1	1.63	<0.5	24	6.8	11.5	9.9	2.14	18
D70272 (322167)		<0.5	0.13	<1	19	<0.5	<1	30.0	<0.5	2	0.5	1.0	<0.5	0.13	<5
D70273 (322168)		<0.5	8.25	<1	344	0.9	<1	1.51	<0.5	25	7.1	11.9	35.1	2.25	19
D70274 (322169)		<0.5	8.33	<1	422	1.1	<1	1.57	<0.5	22	6.9	13.5	31.6	2.35	18
D70275 (322170)		<0.5	8.23	<1	470	1.2	<1	1.80	<0.5	23	7.2	12.3	13.1	2.37	19
D70276 (322171)		<0.5	8.17	<1	263	1.6	<1	1.55	<0.5	22	8.3	9.7	6.8	2.32	18
D70277 (322172)		<0.5	7.70	<1	198	1.2	<1	1.75	<0.5	21	6.0	10.3	2.7	1.88	17
D70278 (322173)		<0.5	7.76	<1	200	1.2	<1	1.73	<0.5	23	6.1	7.1	2.4	1.85	17
D70279 (322174)		<0.5	8.17	<1	257	1.2	<1	1.86	<0.5	23	7.2	12.6	4.5	2.16	18
D70280 (322175)		<0.5	8.10	<1	356	1.2	<1	1.70	<0.5	24	6.4	12.1	6.7	2.03	17

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T487909

PROJECT: AGAT00676

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 02, 2019		DATE RECEIVED: Jul 03, 2019						DATE REPORTED: Jul 16, 2019				SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D70281 (322176)		<0.5	8.11	<1	290	0.9	<1	1.61	<0.5	27	6.2	12.5	<0.5	1.90	17
D70282 (322177)		<0.5	8.04	<1	292	1.4	<1	1.95	<0.5	21	5.4	13.7	3.8	1.77	17
D70283 (322178)		<0.5	7.52	<1	336	1.0	<1	2.69	<0.5	21	7.4	13.4	15.5	2.45	17
D70284 (322179)		<0.5	7.52	<1	343	5.0	<1	3.91	<0.5	32	32.4	76.8	197	8.04	36
D70285 (322180)		<0.5	7.84	<1	317	1.3	<1	1.31	<0.5	21	7.2	13.9	24.5	2.45	17
D70286 (322181)		<0.5	7.32	<1	132	<0.5	<1	6.41	<0.5	4	37.5	144	153	7.65	30
D70287 (322182)		<0.5	8.01	2	287	0.8	<1	1.63	<0.5	23	6.0	13.2	4.2	2.33	17
D70288 (322183)		<0.5	6.30	<1	319	0.9	<1	4.77	<0.5	27	39.4	43.0	148	9.99	41

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 02, 2019

DATE RECEIVED: Jul 03, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D70217 (322112)		<1	1.20	22	16	1.84	967	1.6	3.19	51.3	678	<20	<50	0.10	1
D70218 (322113)		<1	1.22	23	16	1.81	949	1.6	3.21	51.2	708	<20	<50	0.10	<1
D70219 (322114)		<1	1.39	23	14	1.45	842	2.1	3.28	52.7	647	<20	<50	0.15	2
D70220 (322115)		<1	1.41	24	14	1.42	853	2.4	3.09	53.2	655	<20	<50	0.12	1
D70221 (322116)		<1	1.42	26	18	1.60	869	1.8	3.06	77.7	634	<20	<50	0.14	1
D70222 (322117)		<1	1.32	22	16	1.46	713	1.6	3.20	53.2	571	<20	<50	0.12	<1
D70223 (322118)		<1	1.46	23	14	1.39	776	2.1	3.17	51.7	597	<20	<50	0.13	1
D70224 (322119)		<1	1.34	23	15	1.42	722	2.6	3.07	47.9	600	<20	<50	0.13	<1
D70225 (322120)		<1	1.43	23	18	1.72	699	2.0	3.26	51.9	603	<20	<50	0.20	<1
D70226 (322121)		<1	0.20	3	13	4.24	1380	1.2	2.36	84.2	389	<20	<50	0.13	1
D70227 (322122)		<1	1.12	24	33	1.81	836	2.4	4.25	66.5	694	<20	<50	0.18	1
D70228 (322123)		<1	2.26	62	31	9.78	1730	2.8	1.04	545	2250	<20	<50	0.23	2
D70229 (322124)		<1	1.36	25	50	2.27	822	2.5	4.05	85.4	761	<20	<50	0.15	1
D70230 (322125)		<1	1.72	26	16	1.51	746	1.8	3.33	62.5	652	<20	<50	0.19	2
D70231 (322126)		<1	1.53	26	15	1.53	591	1.6	3.48	49.9	634	<20	<50	0.19	<1
D70232 (322127)		<1	0.02	2	1	2.11	124	<0.5	0.05	0.7	68	<20	<50	<0.01	<1
D70233 (322128)		<1	1.57	24	18	1.42	650	1.7	3.30	53.5	744	<20	<50	0.15	<1
D70234 (322129)		<1	2.79	28	73	7.24	1450	1.9	1.35	576	1130	<20	<50	0.14	4
D70235 (322130)		<1	1.48	22	24	1.31	680	1.9	3.21	52.2	550	<20	<50	0.13	<1
D70236 (322131)		<1	1.46	23	17	1.28	701	3.5	2.91	50.1	621	<20	<50	0.14	<1
D70237 (322132)		<1	1.57	26	17	1.41	782	2.3	3.04	51.5	592	<20	<50	0.17	<1
D70238 (322133)		<1	1.59	23	17	1.39	713	1.6	3.08	51.5	578	<20	<50	0.16	1
D70239 (322134)		<1	1.18	23	8	1.32	826	1.9	2.78	46.5	656	<20	<50	0.12	1
D70240 (322135)		<1	1.90	23	17	1.46	756	2.3	3.06	59.7	635	<20	<50	0.15	<1
D70241 (322136)		<1	1.71	23	22	1.20	637	1.6	2.48	51.5	521	<20	<50	0.16	<1
D70242 (322137)		<1	1.55	18	25	1.39	806	2.1	2.08	49.3	488	<20	<50	0.14	<1
D70243 (322138)		<1	1.87	23	30	1.68	931	2.0	2.10	67.2	508	<20	<50	0.10	<1
D70244 (322139)		<1	1.68	23	34	1.55	537	1.9	2.40	67.2	522	<20	<50	0.11	2
D70245 (322140)		<1	1.55	23	29	1.46	796	2.1	1.95	54.0	540	<20	<50	0.11	<1
D70246 (322141)		<1	0.24	3	14	4.28	1280	1.8	1.69	97.4	358	<20	<50	0.18	<1
D70247 (322142)		<1	1.57	17	31	1.59	947	2.1	1.99	54.4	519	<20	<50	0.10	<1
D70248 (322143)		<1	1.98	20	34	1.28	1270	2.1	1.70	55.4	555	54	<50	0.16	2

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T487909

PROJECT: AGAT00676

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 02, 2019	DATE RECEIVED: Jul 03, 2019					DATE REPORTED: Jul 16, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D70249 (322144)	<1	1.68	16	33	1.11	1900	1.7	1.72	44.7	294	<20	<50	0.11	2	
D70250 (322145)	<1	1.74	22	32	1.50	909	1.9	2.06	55.6	607	<20	<50	0.14	2	
D70251 (322146)	<1	1.78	20	38	1.60	909	2.0	2.37	61.9	540	<20	<50	0.13	2	
D70252 (322147)	<1	0.04	2	1	1.29	106	<0.5	0.08	1.4	81	<20	<50	<0.01	<1	
D70253 (322148)	<1	1.67	17	29	1.55	945	2.0	1.96	54.8	598	<20	<50	0.14	<1	
D70254 (322149)	<1	1.69	20	31	1.59	846	1.9	2.06	59.5	508	<20	<50	0.17	1	
D70255 (322150)	<1	1.90	20	36	1.59	972	2.5	2.44	69.2	408	<20	<50	0.37	2	
D70256 (322151)	<1	1.80	33	74	8.94	1350	1.6	1.38	531	1090	<20	<50	0.18	3	
D70257 (322152)	<1	1.30	17	30	1.36	196	2.1	3.12	8.2	374	<20	<50	0.62	<1	
D70258 (322153)	<1	1.33	16	32	1.44	198	1.8	3.23	9.9	369	<20	<50	0.66	<1	
D70259 (322154)	<1	1.75	21	27	1.64	249	1.5	2.56	7.0	420	<20	<50	0.62	<1	
D70260 (322155)	<1	1.50	21	18	1.43	259	1.5	3.31	7.5	417	<20	<50	0.58	<1	
D70261 (322156)	<1	1.87	20	27	1.91	367	2.0	3.20	7.4	300	<20	<50	0.81	<1	
D70262 (322157)	<1	1.17	22	21	1.32	785	3.5	2.48	17.3	617	<20	<50	0.42	1	
D70263 (322158)	<1	1.44	21	26	1.64	697	5.2	2.90	17.3	504	<20	<50	0.08	2	
D70264 (322159)	<1	1.75	22	28	1.60	598	2.0	3.12	14.9	479	<20	<50	0.26	<1	
D70265 (322160)	<1	1.44	20	29	1.94	440	1.7	3.65	17.8	475	<20	<50	0.04	<1	
D70266 (322161)	<1	0.45	9	11	4.21	1290	1.7	2.42	103	850	<20	<50	0.07	<1	
D70267 (322162)	<1	1.64	15	19	1.08	288	5.2	3.84	10.2	379	<20	<50	0.07	1	
D70268 (322163)	<1	1.17	13	28	1.11	337	1.7	4.33	10.5	349	<20	<50	0.06	<1	
D70269 (322164)	<1	1.08	14	12	1.13	440	1.1	3.95	9.6	376	<20	<50	0.06	<1	
D70270 (322165)	<1	1.26	15	13	0.98	399	1.1	4.07	9.3	378	<20	<50	0.02	<1	
D70271 (322166)	<1	1.06	13	18	1.00	467	1.1	4.19	8.8	345	<20	<50	0.02	<1	
D70272 (322167)	<1	0.02	2	1	2.16	132	<0.5	0.05	0.6	96	<20	<50	<0.01	1	
D70273 (322168)	<1	1.11	14	14	1.02	330	1.3	4.21	9.9	398	<20	<50	0.03	<1	
D70274 (322169)	<1	1.24	12	17	1.07	319	1.1	4.26	10.4	390	<20	<50	0.03	<1	
D70275 (322170)	<1	1.20	13	11	0.98	301	1.5	3.93	10.5	407	<20	<50	0.01	2	
D70276 (322171)	<1	1.18	13	16	1.19	297	0.9	4.71	11.0	305	<20	<50	0.06	<1	
D70277 (322172)	<1	1.37	11	13	0.86	369	1.0	4.70	9.6	374	<20	<50	0.05	<1	
D70278 (322173)	<1	1.42	12	12	0.84	372	0.6	4.64	9.4	372	<20	<50	0.03	<1	
D70279 (322174)	<1	0.89	13	13	0.85	305	1.4	4.46	10.3	415	<20	<50	0.01	<1	
D70280 (322175)	<1	1.16	13	17	0.99	334	1.0	4.47	9.8	366	<20	<50	0.02	<1	

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## Certificate of Analysis

AGAT WORK ORDER: 19T487909

PROJECT: AGAT00676

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 02, 2019

DATE RECEIVED: Jul 03, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D70281 (322176)		<1	0.83	15	8	0.81	284	1.3	4.42	9.8	396	<20	<50	<0.01	<1
D70282 (322177)		<1	1.30	11	7	0.83	381	1.4	4.77	8.5	307	<20	<50	<0.01	<1
D70283 (322178)		<1	1.13	11	6	1.16	517	1.2	4.32	10.3	385	<20	<50	0.04	1
D70284 (322179)		<1	0.83	17	22	2.69	643	1.8	3.37	42.1	1080	<20	<50	0.04	<1
D70285 (322180)		<1	0.84	11	6	1.15	323	1.3	4.68	10.5	384	<20	<50	0.01	1
D70286 (322181)		<1	0.20	3	13	4.12	1340	1.4	2.35	81.5	409	<20	<50	0.14	2
D70287 (322182)		<1	0.63	12	5	1.04	317	1.2	4.89	9.3	379	<20	<50	<0.01	<1
D70288 (322183)		<1	1.08	15	7	2.61	1760	1.9	1.94	42.6	1070	<20	<50	0.16	<1

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 02, 2019

DATE RECEIVED: Jul 03, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D70217 (322112)	20	<10	<5	382	<10	<10	<5	0.44	<5	<50	139	<1	17	79.1
D70218 (322113)	20	<10	<5	387	<10	<10	<5	0.45	<5	<50	140	<1	17	79.3
D70219 (322114)	18	<10	<5	443	<10	<10	<5	0.39	<5	<50	123	<1	16	76.2
D70220 (322115)	15	<10	<5	468	<10	<10	<5	0.37	<5	<50	108	<1	15	71.3
D70221 (322116)	15	<10	<5	413	<10	<10	<5	0.29	<5	<50	98.7	<1	15	68.9
D70222 (322117)	15	<10	<5	427	<10	<10	<5	0.36	<5	<50	107	<1	14	67.6
D70223 (322118)	15	<10	<5	409	<10	<10	<5	0.36	<5	<50	106	<1	16	75.7
D70224 (322119)	14	<10	<5	417	<10	<10	<5	0.34	<5	<50	99.2	<1	14	69.1
D70225 (322120)	15	<10	<5	394	<10	<10	<5	0.33	<5	<50	104	<1	14	68.0
D70226 (322121)	45	<10	<5	111	<10	<10	<5	0.69	<5	<50	301	<1	23	81.1
D70227 (322122)	16	<10	<5	447	<10	<10	<5	0.40	<5	<50	120	<1	19	64.4
D70228 (322123)	21	<10	<5	885	<10	<10	<5	1.89	<5	<50	248	<1	26	89.9
D70229 (322124)	17	<10	<5	458	<10	<10	<5	0.46	<5	<50	134	<1	22	76.3
D70230 (322125)	15	<10	<5	436	<10	<10	<5	0.32	<5	<50	103	<1	14	74.4
D70231 (322126)	14	<10	<5	420	<10	<10	<5	0.30	<5	<50	95.1	<1	13	61.2
D70232 (322127)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	1.2	<1	3	4.1
D70233 (322128)	16	<10	<5	417	<10	<10	<5	0.32	<5	<50	104	<1	15	93.0
D70234 (322129)	32	<10	<5	468	<10	<10	<5	0.93	<5	<50	207	<1	27	111
D70235 (322130)	15	<10	<5	404	<10	<10	<5	0.28	<5	<50	92.2	<1	12	63.7
D70236 (322131)	15	<10	<5	416	<10	<10	<5	0.33	<5	<50	105	<1	14	71.4
D70237 (322132)	16	<10	<5	410	<10	<10	<5	0.36	<5	<50	110	<1	14	86.9
D70238 (322133)	16	<10	<5	411	<10	<10	<5	0.35	<5	<50	110	<1	13	81.8
D70239 (322134)	16	<10	<5	421	<10	<10	<5	0.38	<5	<50	112	<1	17	69.9
D70240 (322135)	25	<10	<5	319	<10	<10	<5	0.51	<5	<50	177	<1	19	96.5
D70241 (322136)	19	<10	<5	279	<10	<10	<5	0.44	<5	<50	136	<1	15	80.0
D70242 (322137)	22	<10	<5	247	<10	<10	<5	0.52	<5	<50	159	<1	17	85.2
D70243 (322138)	28	<10	<5	274	<10	<10	<5	0.53	<5	<50	194	<1	20	81.8
D70244 (322139)	26	<10	<5	220	<10	<10	<5	0.44	<5	<50	184	<1	15	67.3
D70245 (322140)	24	<10	<5	242	<10	<10	<5	0.50	<5	<50	175	<1	18	80.2
D70246 (322141)	43	<10	<5	169	<10	<10	<5	0.60	<5	<50	274	<1	21	73.9
D70247 (322142)	28	<10	<5	246	<10	<10	<5	0.55	<5	<50	206	<1	20	82.5
D70248 (322143)	27	<10	<5	171	<10	<10	<5	0.39	<5	<50	149	<1	21	149

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T487909

PROJECT: AGAT00676

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 02, 2019

DATE RECEIVED: Jul 03, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D70249 (322144)	24	<10	<5	177	<10	<10	<5	0.34	<5	<50	115	<1	23	62.5
D70250 (322145)	26	<10	<5	260	<10	<10	<5	0.55	<5	<50	182	<1	19	91.5
D70251 (322146)	29	<10	<5	361	<10	<10	<5	0.60	<5	<50	208	<1	22	96.7
D70252 (322147)	<1	<10	<5	79	<10	<10	<5	0.01	<5	<50	4.0	<1	3	4.4
D70253 (322148)	26	<10	<5	293	<10	<10	<5	0.54	<5	<50	188	<1	20	109
D70254 (322149)	26	<10	<5	276	<10	<10	<5	0.57	<5	<50	197	<1	20	114
D70255 (322150)	26	<10	<5	240	<10	<10	<5	0.49	<5	<50	176	<1	19	95.7
D70256 (322151)	27	<10	<5	410	<10	<10	<5	1.23	<5	<50	219	<1	26	94.4
D70257 (322152)	5	<10	<5	235	<10	<10	<5	0.16	<5	<50	32.5	<1	5	35.2
D70258 (322153)	4	<10	<5	244	<10	<10	<5	0.16	<5	<50	31.5	<1	5	45.5
D70259 (322154)	5	<10	<5	208	<10	<10	<5	0.21	<5	<50	39.1	<1	5	23.4
D70260 (322155)	5	<10	<5	239	<10	<10	<5	0.21	<5	<50	36.4	<1	5	25.1
D70261 (322156)	7	<10	<5	216	<10	<10	<5	0.25	<5	<50	48.1	<1	5	44.3
D70262 (322157)	9	<10	<5	270	<10	<10	<5	0.22	<5	<50	48.1	<1	14	81.7
D70263 (322158)	8	<10	<5	198	<10	<10	<5	0.25	<5	<50	50.0	<1	9	83.2
D70264 (322159)	9	<10	<5	159	<10	<10	<5	0.23	<5	<50	45.1	<1	10	58.2
D70265 (322160)	8	<10	<5	177	<10	<10	<5	0.23	<5	<50	44.5	<1	8	54.0
D70266 (322161)	34	<10	<5	247	<10	<10	<5	0.88	<5	<50	236	<1	23	86.9
D70267 (322162)	6	<10	<5	210	<10	<10	<5	0.20	<5	<50	36.7	<1	5	41.2
D70268 (322163)	6	<10	<5	235	<10	<10	<5	0.19	<5	<50	38.6	<1	4	37.6
D70269 (322164)	7	<10	<5	229	<10	<10	<5	0.19	<5	<50	35.2	<1	7	34.7
D70270 (322165)	7	<10	<5	231	<10	<10	<5	0.19	<5	<50	35.6	<1	7	35.1
D70271 (322166)	7	<10	<5	235	<10	<10	<5	0.16	<5	<50	32.7	<1	6	32.1
D70272 (322167)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	2.6	<1	2	4.6
D70273 (322168)	5	<10	<5	248	<10	<10	<5	0.20	<5	<50	36.7	<1	4	42.2
D70274 (322169)	6	<10	<5	238	<10	<10	<5	0.21	<5	<50	38.2	<1	4	46.0
D70275 (322170)	6	<10	<5	220	<10	<10	<5	0.20	<5	<50	39.0	<1	5	39.8
D70276 (322171)	7	<10	<5	231	<10	<10	<5	0.16	<5	<50	39.3	<1	5	29.7
D70277 (322172)	6	<10	<5	217	<10	<10	<5	0.13	<5	<50	30.1	<1	5	19.0
D70278 (322173)	6	<10	<5	213	<10	<10	<5	0.14	<5	<50	30.4	<1	5	18.5
D70279 (322174)	6	<10	<5	287	<10	<10	<5	0.17	<5	<50	36.5	<1	5	33.5
D70280 (322175)	6	<10	<5	255	<10	<10	<5	0.18	<5	<50	35.4	<1	5	31.0

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## Certificate of Analysis

AGAT WORK ORDER: 19T487909

PROJECT: AGAT00676

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 02, 2019

DATE RECEIVED: Jul 03, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D70281 (322176)	6	<10	<5	269	<10	<10	<5	0.17	<5	<50	35.6	<1	5	23.4
D70282 (322177)	9	<10	<5	226	<10	<10	<5	0.18	<5	<50	37.8	<1	6	14.7
D70283 (322178)	6	<10	<5	260	<10	<10	<5	0.17	<5	<50	39.0	<1	9	13.6
D70284 (322179)	40	<10	<5	275	<10	<10	<5	0.93	<5	<50	325	<1	43	115
D70285 (322180)	7	<10	<5	242	<10	<10	<5	0.20	<5	<50	39.1	<1	7	23.0
D70286 (322181)	45	<10	<5	110	<10	<10	<5	0.68	<5	<50	296	<1	23	75.0
D70287 (322182)	6	<10	<5	229	<10	<10	<5	0.20	<5	<50	38.4	<1	6	22.1
D70288 (322183)	39	<10	<5	153	<10	<10	<5	1.01	<5	<50	379	<1	31	108

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T487909

PROJECT: AGAT00676

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 02, 2019

DATE RECEIVED: Jul 03, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Zr
	Unit:	ppm
	RDL:	5
D70217 (322112)		96
D70218 (322113)		101
D70219 (322114)		110
D70220 (322115)		103
D70221 (322116)		97
D70222 (322117)		117
D70223 (322118)		106
D70224 (322119)		106
D70225 (322120)		115
D70226 (322121)		52
D70227 (322122)		150
D70228 (322123)		195
D70229 (322124)		172
D70230 (322125)		109
D70231 (322126)		116
D70232 (322127)		<5
D70233 (322128)		105
D70234 (322129)		168
D70235 (322130)		102
D70236 (322131)		105
D70237 (322132)		102
D70238 (322133)		94
D70239 (322134)		115
D70240 (322135)		107
D70241 (322136)		97
D70242 (322137)		81
D70243 (322138)		103
D70244 (322139)		104
D70245 (322140)		98
D70246 (322141)		46
D70247 (322142)		102
D70248 (322143)		101

Certified By:



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AGAT WORK ORDER: 19T487909

PROJECT: AGAT00676

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 02, 2019

DATE RECEIVED: Jul 03, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D70249 (322144)				101
D70250 (322145)				96
D70251 (322146)				120
D70252 (322147)				<5
D70253 (322148)				99
D70254 (322149)				105
D70255 (322150)				97
D70256 (322151)				190
D70257 (322152)				27
D70258 (322153)				26
D70259 (322154)				18
D70260 (322155)				15
D70261 (322156)				75
D70262 (322157)				65
D70263 (322158)				67
D70264 (322159)				96
D70265 (322160)				97
D70266 (322161)				90
D70267 (322162)				57
D70268 (322163)				17
D70269 (322164)				16
D70270 (322165)				39
D70271 (322166)				43
D70272 (322167)				<5
D70273 (322168)				38
D70274 (322169)				41
D70275 (322170)				59
D70276 (322171)				25
D70277 (322172)				28
D70278 (322173)				27
D70279 (322174)				37
D70280 (322175)				34

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T487909

PROJECT: AGAT00676

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 02, 2019	DATE RECEIVED: Jul 03, 2019	DATE REPORTED: Jul 16, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D70281 (322176)				40
D70282 (322177)				51
D70283 (322178)				71
D70284 (322179)				151
D70285 (322180)				35
D70286 (322181)				50
D70287 (322182)				54
D70288 (322183)				119

Comments: RDL - Reported Detection Limit  
 322112-322183 As, Sb values may be low due to digestion losses.  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T487909

PROJECT: AGAT00676

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 02, 2019

DATE RECEIVED: Jul 03, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D70217 (322112)			0.016
D70218 (322113)			0.013
D70219 (322114)			0.011
D70220 (322115)			0.006
D70221 (322116)			0.008
D70222 (322117)			0.008
D70223 (322118)			0.008
D70224 (322119)			0.012
D70225 (322120)			0.009
D70226 (322121)			0.534
D70227 (322122)			0.011
D70228 (322123)			0.002
D70229 (322124)			0.008
D70230 (322125)			0.044
D70231 (322126)			0.011
D70232 (322127)			<0.001
D70233 (322128)			0.010
D70234 (322129)			0.003
D70235 (322130)			0.006
D70236 (322131)			0.007
D70237 (322132)			0.009
D70238 (322133)			0.009
D70239 (322134)			0.004
D70240 (322135)			0.003
D70241 (322136)			0.003
D70242 (322137)			0.002
D70243 (322138)			0.002
D70244 (322139)			0.005
D70245 (322140)			0.002
D70246 (322141)			1.21
D70247 (322142)			0.003
D70248 (322143)			0.007

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## Certificate of Analysis

AGAT WORK ORDER: 19T487909

PROJECT: AGAT00676

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 02, 2019

DATE RECEIVED: Jul 03, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D70249 (322144)			0.007
D70250 (322145)			0.003
D70251 (322146)			0.003
D70252 (322147)			<0.001
D70253 (322148)			0.005
D70254 (322149)			0.006
D70255 (322150)			0.049
D70256 (322151)			0.003
D70257 (322152)			0.010
D70258 (322153)			0.007
D70259 (322154)			0.008
D70260 (322155)			0.006
D70261 (322156)			0.012
D70262 (322157)			0.008
D70263 (322158)			0.004
D70264 (322159)			0.005
D70265 (322160)			0.002
D70266 (322161)			0.342
D70267 (322162)			0.003
D70268 (322163)			0.002
D70269 (322164)			0.006
D70270 (322165)			0.004
D70271 (322166)			0.004
D70272 (322167)			<0.001
D70273 (322168)			0.005
D70274 (322169)			0.004
D70275 (322170)			0.005
D70276 (322171)			0.002
D70277 (322172)			0.002
D70278 (322173)			0.002
D70279 (322174)			0.001
D70280 (322175)			0.001

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T487909

PROJECT: AGAT00676

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 02, 2019

DATE RECEIVED: Jul 03, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D70281 (322176)			<0.001
D70282 (322177)			<0.001
D70283 (322178)			<0.001
D70284 (322179)			0.005
D70285 (322180)			<0.001
D70286 (322181)			0.511
D70287 (322182)			<0.001
D70288 (322183)			0.002

 Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T487909

PROJECT: AGAT00676

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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 02, 2019

DATE RECEIVED: Jul 03, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D70217 (322112)		77.87
D70236 (322131)		83.46
D70244 (322139)		85.54
D70256 (322151)		82.21
D70276 (322171)		80.68

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T487909

PROJECT: AGAT00676

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 02, 2019

DATE RECEIVED: Jul 03, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D70217 (322112)		88.46
D70253 (322148)		85.28

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	322112	< 0.5	< 0.5	0.0%	322126	< 0.5	< 0.5	0.0%	322137	< 0.5	< 0.5	0.0%	322151	< 0.5	< 0.5	0.0%
Al	322112	7.85	7.79	0.8%	322126	7.67	7.52	2.0%	322137	8.18	8.27	1.1%	322151	3.70	3.61	2.5%
As	322112	4	3	28.6%	322126	4	4	0.0%	322137	7	8	13.3%	322151	< 1	< 1	0.0%
Ba	322112	436	424	2.8%	322126	429	425	0.9%	322137	393	389	1.0%	322151	299	295	1.3%
Be	322112	1.25	1.20	4.1%	322126	1.9	1.9	0.0%	322137	1.0	1.0	0.0%	322151	4.71	4.53	3.9%
Bi	322112	< 1	< 1	0.0%	322126	< 1	< 1	0.0%	322137	< 1	< 1	0.0%	322151	< 1	< 1	0.0%
Ca	322112	3.16	3.08	2.6%	322126	2.32	2.27	2.2%	322137	2.02	2.02	0.0%	322151	6.26	6.17	1.4%
Cd	322112	< 0.5	< 0.5	0.0%	322126	< 0.5	< 0.5	0.0%	322137	< 0.5	< 0.5	0.0%	322151	< 0.5	< 0.5	0.0%
Ce	322112	44	43	2.3%	322126	55	52	5.6%	322137	36	34	5.7%	322151	64	62	3.2%
Co	322112	21.6	20.2	6.7%	322126	16.3	16.8	3.0%	322137	22.5	22.3	0.9%	322151	58.7	56.4	4.0%
Cr	322112	98.0	82.2	17.5%	322126	89.6	92.8	3.5%	322137	67.1	59.6	11.8%	322151	774	752	2.9%
Cu	322112	36.8	36.5	0.8%	322126	42.7	42.7	0.0%	322137	49.0	49.6	1.2%	322151	142	137	3.6%
Fe	322112	5.06	4.80	5.3%	322126	3.64	3.59	1.4%	322137	4.98	4.81	3.5%	322151	7.57	7.45	1.6%
Ga	322112	24	24	0.0%	322126	21	20	4.9%	322137	26	25	3.9%	322151	25	24	4.1%
In	322112	< 1	< 1	0.0%	322126	< 1	< 1	0.0%	322137	< 1	< 1	0.0%	322151	< 1	< 1	0.0%
K	322112	1.20	1.18	1.7%	322126	1.53	1.50	2.0%	322137	1.55	1.56	0.6%	322151	1.80	1.74	3.4%
La	322112	22	21	4.7%	322126	26	27	3.8%	322137	18	17	5.7%	322151	33	32	3.1%
Li	322112	16	15	6.5%	322126	15	15	0.0%	322137	25	24	4.1%	322151	74	72	2.7%
Mg	322112	1.84	1.76	4.4%	322126	1.53	1.51	1.3%	322137	1.39	1.36	2.2%	322151	8.94	8.83	1.2%
Mn	322112	967	907	6.4%	322126	591	592	0.2%	322137	806	765	5.2%	322151	1350	1330	1.5%
Mo	322112	1.6	1.3	20.7%	322126	1.63	1.68	3.0%	322137	2.1	1.8	15.4%	322151	1.6	1.7	6.1%
Na	322112	3.19	3.19	0.0%	322126	3.48	3.41	2.0%	322137	2.08	2.14	2.8%	322151	1.38	1.37	0.7%
Ni	322112	51.3	49.3	4.0%	322126	49.9	51.1	2.4%	322137	49.3	49.1	0.4%	322151	531	513	3.4%
P	322112	678	656	3.3%	322126	634	651	2.6%	322137	488	428	13.1%	322151	1090	1070	1.9%
Pb	322112	< 20	< 20	0.0%	322126	< 20	< 20	0.0%	322137	< 20	< 20	0.0%	322151	< 20	< 20	0.0%
Rb	322112	< 50	< 50	0.0%	322126	< 50	< 50	0.0%	322137	< 50	< 50	0.0%	322151	< 50	< 50	0.0%
S	322112	0.100	0.093	7.3%	322126	0.193	0.199	3.1%	322137	0.138	0.130	6.0%	322151	0.182	0.185	1.6%
Sb	322112	1	< 1		322126	< 1	1		322137	< 1	< 1	0.0%	322151	3	4	28.6%
Sc	322112	20	20	0.0%	322126	14	13	7.4%	322137	22	20	9.5%	322151	27	26	3.8%
Se	322112	< 10	< 10	0.0%	322126	< 10	< 10	0.0%	322137	< 10	< 10	0.0%	322151	< 10	< 10	0.0%
Sn	322112	< 5	< 5	0.0%	322126	< 5	< 5	0.0%	322137	< 5	< 5	0.0%	322151	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

Sr	322112	382	378	1.1%	322126	420	397	5.6%	322137	247	249	0.8%	322151	410	406	1.0%
Ta	322112	< 10	< 10	0.0%	322126	< 10	< 10	0.0%	322137	< 10	< 10	0.0%	322151	< 10	< 10	0.0%
Te	322112	< 10	< 10	0.0%	322126	< 10	< 10	0.0%	322137	< 10	< 10	0.0%	322151	< 10	< 10	0.0%
Th	322112	< 5	< 5	0.0%	322126	< 5	< 5	0.0%	322137	< 5	< 5	0.0%	322151	< 5	< 5	0.0%
Ti	322112	0.44	0.42	4.7%	322126	0.300	0.293	2.4%	322137	0.515	0.511	0.8%	322151	1.23	1.21	1.6%
Tl	322112	< 5	< 5	0.0%	322126	< 5	< 5	0.0%	322137	< 5	< 5	0.0%	322151	< 5	< 5	0.0%
U	322112	< 50	< 50	0.0%	322126	< 50	< 50	0.0%	322137	< 50	< 50	0.0%	322151	< 50	< 50	0.0%
V	322112	139	138	0.7%	322126	95.1	94.2	1.0%	322137	159	156	1.9%	322151	219	213	2.8%
W	322112	< 1	< 1	0.0%	322126	< 1	< 1	0.0%	322137	< 1	< 1	0.0%	322151	< 1	< 1	0.0%
Y	322112	17	17	0.0%	322126	13	13	0.0%	322137	17	16	6.1%	322151	26	25	3.9%
Zn	322112	79.1	75.3	4.9%	322126	61.2	62.7	2.4%	322137	85.2	85.8	0.7%	322151	94.4	90.3	4.4%
Zr	322112	96	98	2.1%	322126	116	109	6.2%	322137	81	85	4.8%	322151	190	181	4.9%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	322162	< 0.5	< 0.5	0.0%	322176	< 0.5	< 0.5	0.0%								
Al	322162	8.08	8.06	0.2%	322176	8.11	8.12	0.1%								
As	322162	< 1	< 1	0.0%	322176	< 1	2									
Ba	322162	458	476	3.9%	322176	290	289	0.3%								
Be	322162	1.0	1.0	0.0%	322176	0.9	0.9	0.0%								
Bi	322162	< 1	< 1	0.0%	322176	< 1	< 1	0.0%								
Ca	322162	1.60	1.65	3.1%	322176	1.61	1.61	0.0%								
Cd	322162	< 0.5	< 0.5	0.0%	322176	< 0.5	< 0.5	0.0%								
Ce	322162	28	26	7.4%	322176	27	24	11.8%								
Co	322162	6.87	6.50	5.5%	322176	6.16	6.03	2.1%								
Cr	322162	11.1	12.8	14.2%	322176	12.5	12.2	2.4%								
Cu	322162	5.04	5.16	2.4%	322176	< 0.5	0.6									
Fe	322162	2.25	2.23	0.9%	322176	1.90	1.91	0.5%								
Ga	322162	18	19	5.4%	322176	17	16	6.1%								
In	322162	< 1	< 1	0.0%	322176	< 1	< 1	0.0%								
K	322162	1.64	1.63	0.6%	322176	0.830	0.835	0.6%								
La	322162	15	14	6.9%	322176	15	13	14.3%								
Li	322162	19	19	0.0%	322176	8	8	0.0%								
Mg	322162	1.08	1.08	0.0%	322176	0.815	0.821	0.7%								
Mn	322162	288	289	0.3%	322176	284	286	0.7%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

Mo	322162	5.2	4.5	14.4%	322176	1.3	1.2	8.0%								
Na	322162	3.84	3.86	0.5%	322176	4.42	4.35	1.6%								
Ni	322162	10.2	9.9	3.0%	322176	9.8	9.8	0.0%								
P	322162	379	380	0.3%	322176	396	381	3.9%								
Pb	322162	< 20	< 20	0.0%	322176	< 20	< 20	0.0%								
Rb	322162	< 50	< 50	0.0%	322176	< 50	< 50	0.0%								
S	322162	0.07	0.06	15.4%	322176	< 0.01	< 0.01	0.0%								
Sb	322162	1	< 1		322176	< 1	< 1	0.0%								
Sc	322162	6	6	0.0%	322176	6	6	0.0%								
Se	322162	< 10	< 10	0.0%	322176	< 10	< 10	0.0%								
Sn	322162	< 5	< 5	0.0%	322176	< 5	< 5	0.0%								
Sr	322162	210	213	1.4%	322176	269	265	1.5%								
Ta	322162	< 10	< 10	0.0%	322176	< 10	< 10	0.0%								
Te	322162	< 10	< 10	0.0%	322176	< 10	< 10	0.0%								
Th	322162	< 5	< 5	0.0%	322176	< 5	< 5	0.0%								
Ti	322162	0.20	0.20	0.0%	322176	0.174	0.185	6.1%								
Tl	322162	< 5	< 5	0.0%	322176	< 5	< 5	0.0%								
U	322162	< 50	< 50	0.0%	322176	< 50	< 50	0.0%								
V	322162	36.7	36.4	0.8%	322176	35.6	35.8	0.6%								
W	322162	< 1	< 1	0.0%	322176	< 1	< 1	0.0%								
Y	322162	5	5	0.0%	322176	5	5	0.0%								
Zn	322162	41.2	43.3	5.0%	322176	23.4	27.1	14.7%								
Zr	322162	57	54	5.4%	322176	40	44	9.5%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	322112	0.016	0.007		322126	0.011	0.008		322137	0.002	0.002	0.0%	322151	0.003	0.003	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	322162	0.0032	0.0037	14.5%	322176	< 0.001	< 0.001	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

**(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish**

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	11.05	101%	90% - 110%	8.17	8.34	102%	90% - 110%	6.96	7.07	102%	90% - 110%	10.95	10.91	100%	90% - 110%
As					26	23	90%	90% - 110%	124	122	99%	90% - 110%				
Ba	340	310	91%	90% - 110%	540	491	91%	90% - 110%	186	173	93%	90% - 110%	340	308	91%	90% - 110%
Be	2.6	2.6	101%	90% - 110%	4.0	3.5	87%	90% - 110%					2.6	2.7	104%	90% - 110%
Ca	5.72	5.34	93%	90% - 110%	0.907	0.829	91%	90% - 110%	4.01	3.73	93%	90% - 110%	5.72	5.28	92%	90% - 110%
Ce	122	112	92%	90% - 110%	98	95	97%	90% - 110%	24	20	83%	90% - 110%	122	111	91%	90% - 110%
Co									22.1	20	91%	90% - 110%				
Cr					60.3	62.3	103%	90% - 110%								
Cu					150	145	97%	90% - 110%	88.6	84.9	96%	90% - 110%				
Fe	4.34	4	92%	90% - 110%	3.77	3.53	94%	90% - 110%	7.56	7.15	95%	90% - 110%	4.34	3.94	91%	90% - 110%
Ga	35	38	107%	90% - 110%									35	38	108%	90% - 110%
K	1.37	1.46	106%	90% - 110%					2.021	2.071	102%	90% - 110%	1.37	1.46	106%	90% - 110%
La	58	55	95%	90% - 110%	44	44	99%	90% - 110%					58	55	96%	90% - 110%
Li	37	39	105%	90% - 110%	47	47	100%	90% - 110%					37	39	105%	90% - 110%
Mg	0.325	0.296	91%	90% - 110%	1.10	1.04	95%	90% - 110%	2.412	2.345	97%	90% - 110%	0.325	0.294	90%	90% - 110%
Mn					780	728	93%	90% - 110%	1510	1424	94%	90% - 110%				
Mo					14	13	96%	90% - 110%								
Na	5.267	5.543	105%	90% - 110%	1.624	1.663	102%	90% - 110%	0.617	0.635	103%	90% - 110%	5.267	5.444	103%	90% - 110%
Ni					32	32	100%	90% - 110%	77.1	70	91%	90% - 110%				
P					750	737	98%	90% - 110%	892	832	93%	90% - 110%				
Pb					31	29	93%	90% - 110%					10	8	80%	90% - 110%
S									0.348	0.288	83%	90% - 110%				
Sc	1.1	1	94%	90% - 110%	12	13	105%	90% - 110%					1.1	1	92%	90% - 110%
Sr	1191	1140	96%	90% - 110%	144	143	99%	90% - 110%	92.8	87.1	94%	90% - 110%	1191	1138	96%	90% - 110%
Ti	0.172	0.165	96%	90% - 110%	0.53	0.46	88%	90% - 110%					0.172	0.166	96%	90% - 110%
V	8	8	96%	90% - 110%	77	78	101%	90% - 110%					8	8	96%	90% - 110%
Y	119	124	104%	90% - 110%									119	123	103%	90% - 110%
Zn	93	91	98%	90% - 110%	130	118	91%	90% - 110%	208	207	100%	90% - 110%	93	90	97%	90% - 110%

**(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)**

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP7M)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits



**AGAT** Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 19T487909

PROJECT: AGAT00676

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

Au	5.27	5.05	96%	90% - 110%	6.87	6.66	97%	90% - 110%	0.725	0.744	103%	90% - 110%	0.562	0.546	97%	90% - 110%
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## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19T487909

PROJECT: AGAT00676

ATTENTION TO: Craig Yuill, Christine Shultis

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill, Christine Shultis

PROJECT: AGAT00677

AGAT WORK ORDER: 19T488535

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jul 16, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



# Certificate of Analysis

AGAT WORK ORDER: 19T488535

PROJECT: AGAT00677

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## (200-) Sample Login Weight

DATE SAMPLED: Jul 03, 2019

DATE RECEIVED: Jul 04, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D62575 (324879)		1.41
D62576 (324880)		1.36
D62577 (324881)		2.40
D62578 (324882)		2.40
D62579 (324883)		2.22
D62580 (324884)		2.20
D62581 (324885)		1.44
D62582 (324886)		1.17
D62583 (324887)		1.44
D62584 (324888)		0.96
D62585 (324889)		2.29
D62586 (324890)		0.07
D62587 (324891)		2.18
D62588 (324892)		2.47
D62589 (324893)		2.07
D62590 (324894)		2.15
D62591 (324895)		2.06
D62592 (324896)		0.62
D62593 (324897)		2.19
D62594 (324898)		2.15
D62595 (324899)		2.17
D62596 (324900)		2.14
D62597 (324901)		2.25
D62598 (324902)		2.25
D62599 (324903)		2.26
D62600 (324904)		1.19
D62601 (324905)		1.53
D62602 (324906)		0.87
D62603 (324907)		2.00
D62604 (324908)		2.16
D62605 (324909)		2.18

Certified By:





## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (200-) Sample Login Weight

DATE SAMPLED: Jul 03, 2019

DATE RECEIVED: Jul 04, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D62606 (324910)		0.07
D62607 (324911)		1.73
D62608 (324912)		1.01
D62609 (324913)		2.00
D62610 (324914)		2.04
D62611 (324915)		1.05
D62612 (324916)		0.58
D62613 (324917)		0.64
D62614 (324918)		1.47
D62615 (324919)		1.54
D62616 (324920)		0.78
D62617 (324921)		1.58
D62618 (324922)		1.58
D62619 (324923)		2.63
D62620 (324924)		1.16
D62621 (324925)		1.35
D62622 (324926)		0.99
D62623 (324927)		1.07
D62624 (324928)		0.80
D62625 (324929)		2.04
D62626 (324930)		0.07
D62627 (324931)		1.85
D62628 (324932)		3.35
D62629 (324933)		1.09
D62630 (324934)		2.14
D62631 (324935)		2.47
D62632 (324936)		0.50
D62633 (324937)		3.09
D62634 (324938)		1.19
D62635 (324939)		2.16
D62636 (324940)		1.97

Certified By:



## Certificate of Analysis

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PROJECT: AGAT00677

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (200-) Sample Login Weight

DATE SAMPLED: Jul 03, 2019

DATE RECEIVED: Jul 04, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D62637 (324941)		1.30
D62638 (324942)		1.30
D62639 (324943)		1.76
D62640 (324944)		0.78
D62641 (324945)		1.63
D62642 (324946)		1.39
D62643 (324947)		1.74
D62644 (324948)		1.94
D62645 (324949)		1.91
D62646 (324950)		0.07

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T488535

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 03, 2019	DATE RECEIVED: Jul 04, 2019							DATE REPORTED: Jul 16, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D62575 (324879)	<0.5	8.07	<1	496	1.2	<1	1.33	<0.5	38	4.6	223	4.4	2.02	19	
D62576 (324880)	<0.5	7.70	2	474	1.3	<1	1.25	<0.5	39	3.5	179	15.3	1.77	17	
D62577 (324881)	<0.5	7.86	<1	382	1.1	<1	0.75	<0.5	32	7.0	181	7.4	2.40	18	
D62578 (324882)	<0.5	7.91	<1	372	1.1	<1	0.77	<0.5	30	6.6	184	5.6	2.35	19	
D62579 (324883)	<0.5	8.50	<1	551	1.4	<1	1.05	<0.5	69	8.6	187	3.6	3.10	20	
D62580 (324884)	<0.5	8.00	<1	455	1.0	<1	1.61	<0.5	35	4.4	168	8.8	1.92	18	
D62581 (324885)	<0.5	8.06	<1	446	0.9	<1	1.13	<0.5	49	7.6	181	4.1	2.76	19	
D62582 (324886)	<0.5	8.11	<1	550	0.8	<1	0.99	<0.5	35	6.9	196	9.8	2.51	18	
D62583 (324887)	<0.5	8.35	<1	362	0.9	<1	1.12	<0.5	38	6.2	181	2.6	2.33	19	
D62584 (324888)	<0.5	8.05	<1	305	0.9	<1	1.20	<0.5	42	3.2	202	<0.5	1.50	15	
D62585 (324889)	<0.5	7.82	<1	395	1.0	<1	0.92	<0.5	44	7.3	197	10.5	2.66	19	
D62586 (324890)	<0.5	7.40	<1	179	0.6	<1	6.07	<0.5	16	36.9	177	100	7.65	30	
D62587 (324891)	<0.5	7.90	<1	461	0.9	<1	1.15	<0.5	57	7.3	195	8.7	2.65	18	
D62588 (324892)	<0.5	7.84	<1	418	1.1	<1	1.14	<0.5	49	6.9	181	13.6	2.42	19	
D62589 (324893)	<0.5	7.69	<1	490	1.2	<1	0.94	<0.5	50	6.1	181	5.9	2.37	17	
D62590 (324894)	<0.5	8.03	<1	455	1.1	<1	1.22	<0.5	56	7.2	165	9.6	2.56	19	
D62591 (324895)	<0.5	7.97	<1	442	1.0	<1	1.26	<0.5	53	7.1	182	9.6	2.45	18	
D62592 (324896)	<0.5	0.07	<1	27	<0.5	<1	30.5	<0.5	<1	0.5	<0.5	<0.5	0.12	<5	
D62593 (324897)	<0.5	8.27	<1	532	0.9	<1	1.33	<0.5	50	6.2	166	9.3	2.41	19	
D62594 (324898)	<0.5	7.36	<1	502	1.5	<1	2.08	<0.5	59	16.1	189	17.6	3.44	21	
D62595 (324899)	<0.5	8.00	<1	472	0.9	<1	1.18	<0.5	58	7.7	196	32.0	2.66	19	
D62596 (324900)	<0.5	6.90	<1	403	0.8	<1	0.92	<0.5	44	5.5	192	12.2	2.17	15	
D62597 (324901)	<0.5	7.56	<1	428	1.0	<1	0.87	<0.5	42	6.0	173	5.4	2.28	17	
D62598 (324902)	<0.5	7.58	<1	447	1.0	<1	0.81	<0.5	43	5.7	190	4.7	2.27	17	
D62599 (324903)	<0.5	6.85	<1	393	1.1	<1	1.04	<0.5	54	8.7	200	12.9	2.76	17	
D62600 (324904)	<0.5	5.44	8	726	2.9	<1	4.81	<0.5	82	38.1	272	56.2	6.71	28	
D62601 (324905)	<0.5	4.26	<1	848	2.4	<1	7.08	<0.5	120	47.5	311	102	8.92	36	
D62602 (324906)	<0.5	7.55	<1	440	3.6	<1	1.32	<0.5	51	5.2	189	7.8	2.16	17	
D62603 (324907)	<0.5	8.31	<1	460	1.2	<1	1.21	<0.5	56	8.6	158	26.1	2.88	19	
D62604 (324908)	<0.5	7.89	<1	426	1.0	<1	1.13	<0.5	52	6.9	181	25.7	2.51	19	
D62605 (324909)	<0.5	7.75	<1	503	1.0	<1	1.02	<0.5	50	5.8	179	13.7	2.33	19	
D62606 (324910)	<0.5	7.29	<1	137	<0.5	<1	6.45	<0.5	6	39.7	159	153	7.93	31	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T488535

PROJECT: AGAT00677

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 03, 2019

DATE RECEIVED: Jul 04, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D62607 (324911)		<0.5	8.06	<1	450	0.6	<1	0.98	<0.5	68	10.0	183	5.9	3.75	24
D62608 (324912)		<0.5	10.2	1	222	1.5	<1	2.05	<0.5	51	1.9	144	<0.5	1.30	21
D62609 (324913)		<0.5	6.99	<1	319	0.8	<1	0.95	<0.5	46	8.3	262	14.2	3.46	20
D62610 (324914)		<0.5	7.03	<1	510	2.0	<1	2.19	<0.5	79	17.4	213	18.2	3.66	21
D62611 (324915)		<0.5	7.86	1	773	1.7	<1	2.08	<0.5	135	8.8	180	5.4	3.58	22
D62612 (324916)		<0.5	0.06	<1	11	<0.5	<1	28.1	<0.5	<1	<0.5	<0.5	<0.5	0.14	<5
D62613 (324917)		<0.5	6.22	13	2270	4.6	<1	7.96	<0.5	743	17.6	46.9	37.6	7.83	27
D62614 (324918)		<0.5	7.78	<1	470	1.0	<1	1.44	<0.5	61	7.0	207	40.2	2.85	20
D62615 (324919)		<0.5	7.72	<1	445	1.1	<1	1.88	<0.5	53	6.8	171	53.7	2.37	19
D62616 (324920)		<0.5	7.49	3	625	2.4	<1	1.88	<0.5	61	13.1	277	13.7	3.34	19
D62617 (324921)		<0.5	6.41	2	383	1.7	<1	1.45	<0.5	70	3.9	232	20.7	2.01	16
D62618 (324922)		<0.5	6.32	5	367	1.6	<1	1.49	<0.5	62	4.1	272	12.5	1.92	15
D62619 (324923)		<0.5	2.29	<1	744	3.2	<1	6.66	<0.5	125	54.4	577	93.1	7.74	27
D62620 (324924)		<0.5	7.50	1	287	1.3	<1	1.84	<0.5	59	1.7	240	4.2	1.84	18
D62621 (324925)		<0.5	7.10	<1	221	1.2	<1	1.53	<0.5	36	1.8	219	7.8	1.43	16
D62622 (324926)		<0.5	6.93	<1	289	0.9	<1	1.33	<0.5	29	1.6	226	1.8	1.34	15
D62623 (324927)		<0.5	8.13	<1	401	1.0	<1	1.58	<0.5	44	3.9	176	10.1	2.24	19
D62624 (324928)		<0.5	7.44	<1	605	1.3	<1	1.47	<0.5	22	<0.5	159	3.2	0.88	14
D62625 (324929)		<0.5	6.99	6	2860	4.9	<1	7.82	<0.5	637	22.6	14.5	44.5	8.78	29
D62626 (324930)		<0.5	7.70	<1	181	0.6	<1	6.09	<0.5	16	37.0	169	106	7.64	31
D62627 (324931)		<0.5	7.49	4	1140	2.2	<1	3.75	<0.5	220	7.9	140	45.9	3.55	20
D62628 (324932)		<0.5	7.86	<1	227	1.0	<1	1.50	<0.5	67	5.8	214	19.9	2.76	21
D62629 (324933)		<0.5	7.98	<1	165	1.4	<1	1.48	<0.5	69	7.5	184	<0.5	3.64	25
D62630 (324934)		<0.5	7.51	<1	340	0.8	<1	1.31	<0.5	12	<0.5	121	<0.5	0.86	14
D62631 (324935)		<0.5	6.91	<1	536	0.7	<1	0.87	<0.5	39	<0.5	11.3	4.3	1.06	13
D62632 (324936)		<0.5	0.09	<1	15	<0.5	<1	30.9	<0.5	1	<0.5	2.0	<0.5	0.09	<5
D62633 (324937)		<0.5	8.22	<1	396	0.9	<1	1.37	<0.5	57	9.6	18.2	9.3	3.31	21
D62634 (324938)		<0.5	7.92	<1	261	0.8	<1	1.29	<0.5	53	8.3	14.6	38.7	2.89	20
D62635 (324939)		<0.5	7.92	<1	375	0.9	<1	1.07	<0.5	47	6.8	11.2	10.7	2.78	21
D62636 (324940)		<0.5	8.06	<1	360	0.9	<1	1.02	<0.5	39	7.1	13.0	4.0	2.79	21
D62637 (324941)		<0.5	7.19	<1	54	0.9	<1	1.62	<0.5	15	1.2	12.7	<0.5	1.11	16
D62638 (324942)		<0.5	7.27	<1	54	0.9	<1	1.64	<0.5	14	0.9	12.8	<0.5	0.96	15

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T488535

PROJECT: AGAT00677

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 03, 2019		DATE RECEIVED: Jul 04, 2019					DATE REPORTED: Jul 16, 2019					SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D62639 (324943)		<0.5	7.68	<1	246	0.7	<1	1.32	<0.5	82	5.9	15.4	15.1	3.21	22
D62640 (324944)		<0.5	7.20	1	86	0.8	<1	1.42	<0.5	52	3.1	13.6	6.3	1.97	19
D62641 (324945)		<0.5	7.51	<1	453	0.9	<1	1.07	<0.5	50	5.3	14.2	10.2	2.83	19
D62642 (324946)		<0.5	6.94	4	130	1.2	<1	1.45	<0.5	22	2.7	13.2	28.0	1.29	16
D62643 (324947)		<0.5	7.06	<1	579	0.6	<1	0.80	<0.5	74	3.3	12.7	27.3	2.49	18
D62644 (324948)		<0.5	7.13	<1	301	1.0	<1	1.54	<0.5	32	2.4	12.5	19.8	1.73	17
D62645 (324949)		<0.5	6.18	<1	175	0.9	<1	1.14	<0.5	11	2.2	15.3	4.8	1.90	16
D62646 (324950)		<0.5	7.62	<1	177	0.6	<1	5.95	<0.5	16	36.3	169	105	7.46	31

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AGAT WORK ORDER: 19T488535

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## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 03, 2019	DATE RECEIVED: Jul 04, 2019					DATE REPORTED: Jul 16, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D62575 (324879)	<1	1.37	18	21	0.94	304	1.3	4.08	6.8	366	<20	<50	0.04	3	
D62576 (324880)	<1	1.25	19	17	0.78	246	1.2	4.02	5.0	403	<20	<50	0.09	2	
D62577 (324881)	<1	1.73	16	45	1.39	301	1.1	3.75	10.6	403	<20	<50	0.06	1	
D62578 (324882)	<1	1.74	15	43	1.36	295	0.9	3.76	10.2	415	<20	<50	0.05	1	
D62579 (324883)	<1	2.16	32	47	1.86	418	2.5	3.92	11.3	909	<20	<50	0.03	<1	
D62580 (324884)	<1	1.02	17	18	0.65	240	1.1	3.99	5.7	449	<20	<50	0.05	2	
D62581 (324885)	<1	1.79	23	35	1.64	349	1.2	3.54	10.6	741	<20	<50	0.03	<1	
D62582 (324886)	<1	1.77	18	19	1.45	301	1.6	3.74	11.8	449	<20	<50	0.06	2	
D62583 (324887)	<1	1.52	19	16	1.23	299	1.1	4.24	9.7	449	<20	<50	0.04	<1	
D62584 (324888)	<1	0.98	21	15	0.66	192	1.1	4.52	5.6	424	<20	<50	0.02	1	
D62585 (324889)	<1	1.88	21	64	1.56	370	2.1	3.71	10.3	519	<20	<50	0.06	1	
D62586 (324890)	<1	0.43	9	10	4.11	1310	1.8	2.33	103	878	<20	<50	0.09	1	
D62587 (324891)	<1	1.60	26	27	1.43	335	1.5	3.71	9.0	791	<20	<50	0.05	<1	
D62588 (324892)	<1	1.51	24	33	1.40	333	1.3	3.78	9.4	522	<20	<50	0.07	<1	
D62589 (324893)	<1	1.64	25	31	1.51	291	1.0	3.42	9.5	581	<20	<50	0.04	1	
D62590 (324894)	<1	1.69	27	35	1.54	293	1.3	3.89	10.0	788	<20	<50	0.04	<1	
D62591 (324895)	<1	1.41	26	28	1.35	294	1.7	3.75	9.4	649	<20	<50	0.05	2	
D62592 (324896)	<1	0.02	2	1	2.27	134	<0.5	0.04	<0.5	66	<20	<50	0.02	<1	
D62593 (324897)	<1	1.51	24	31	1.33	264	1.2	3.96	8.7	571	<20	<50	0.05	2	
D62594 (324898)	<1	1.73	29	28	2.78	446	1.6	3.40	96.3	809	<20	<50	0.07	2	
D62595 (324899)	<1	1.75	27	28	1.63	324	3.0	3.64	13.0	763	<20	<50	0.11	<1	
D62596 (324900)	<1	1.45	21	17	1.34	290	1.4	3.24	9.2	360	<20	<50	0.04	2	
D62597 (324901)	<1	1.67	21	11	1.43	347	1.7	3.71	9.0	484	<20	<50	0.04	2	
D62598 (324902)	<1	1.68	22	10	1.43	328	2.5	3.63	8.5	437	<20	<50	0.04	2	
D62599 (324903)	<1	1.37	25	41	1.57	374	1.6	3.63	18.0	691	<20	<50	0.04	<1	
D62600 (324904)	<1	1.87	42	42	5.67	1030	2.8	3.60	279	1770	<20	<50	0.13	<1	
D62601 (324905)	<1	3.23	61	27	7.16	1390	4.1	1.46	327	2760	<20	<50	0.15	<1	
D62602 (324906)	<1	0.76	25	46	1.26	363	1.1	4.89	10.4	656	<20	<50	0.02	<1	
D62603 (324907)	<1	1.65	26	31	1.66	363	2.0	4.27	13.6	832	21	<50	0.06	1	
D62604 (324908)	<1	1.71	25	37	1.35	366	1.3	4.04	10.5	569	<20	<50	0.05	1	
D62605 (324909)	<1	2.13	24	35	1.29	303	1.2	4.02	12.8	424	<20	<50	0.03	1	
D62606 (324910)	<1	0.20	3	13	4.16	1370	1.4	2.32	84.0	422	<20	<50	0.15	2	

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## Certificate of Analysis

AGAT WORK ORDER: 19T488535

PROJECT: AGAT00677

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 03, 2019	DATE RECEIVED: Jul 04, 2019					DATE REPORTED: Jul 16, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D62607 (324911)	<1	2.74	34	41	1.94	444	5.9	3.33	16.0	262	<20	<50	0.03	2	
D62608 (324912)	<1	1.52	26	10	0.41	164	0.6	5.46	5.4	247	21	<50	<0.01	1	
D62609 (324913)	<1	2.72	24	37	1.49	591	2.3	2.94	19.0	281	23	<50	0.04	3	
D62610 (324914)	<1	2.83	37	62	3.40	558	3.5	3.63	97.0	529	<20	<50	0.03	2	
D62611 (324915)	<1	3.69	74	48	1.72	736	7.6	4.02	12.9	1730	<20	<50	0.04	1	
D62612 (324916)	<1	<0.01	2	2	3.96	161	<0.5	0.04	<0.5	67	<20	<50	0.01	<1	
D62613 (324917)	<1	3.35	428	54	1.71	2850	7.3	2.73	6.7	4480	28	54	0.24	2	
D62614 (324918)	<1	3.09	29	29	1.32	356	1.8	3.25	12.3	987	<20	<50	0.06	<1	
D62615 (324919)	<1	2.16	26	21	1.33	442	2.2	3.07	13.2	550	<20	<50	0.08	2	
D62616 (324920)	<1	2.61	29	57	2.59	632	2.9	3.98	66.2	606	<20	<50	0.02	2	
D62617 (324921)	<1	1.26	36	23	0.75	225	1.5	4.05	13.6	372	57	<50	0.08	3	
D62618 (324922)	<1	1.22	30	21	0.75	229	1.7	3.94	16.1	349	21	<50	0.06	1	
D62619 (324923)	<1	2.19	65	51	10.1	1250	3.0	1.93	498	2150	<20	<50	0.18	1	
D62620 (324924)	<1	1.23	30	13	0.40	176	1.1	4.21	4.7	708	<20	<50	0.04	2	
D62621 (324925)	<1	1.49	18	12	0.31	127	1.5	3.63	3.9	159	21	<50	0.03	<1	
D62622 (324926)	<1	2.41	15	9	0.28	128	1.1	3.06	4.4	152	<20	<50	0.02	<1	
D62623 (324927)	<1	2.38	22	19	0.73	277	1.4	3.44	5.9	360	<20	<50	0.03	<1	
D62624 (324928)	<1	3.51	13	6	0.19	97	1.3	3.07	2.4	137	<20	<50	0.02	2	
D62625 (324929)	<1	4.18	330	33	2.12	3040	6.9	2.58	8.0	5610	<20	58	0.24	<1	
D62626 (324930)	<1	0.44	9	11	4.23	1310	1.9	2.38	103	885	<20	<50	0.09	<1	
D62627 (324931)	<1	3.47	126	27	1.04	1030	4.7	3.39	5.1	1570	<20	<50	0.17	<1	
D62628 (324932)	<1	2.38	36	25	1.08	396	2.0	3.42	10.6	261	<20	<50	0.05	<1	
D62629 (324933)	<1	2.62	34	33	1.44	434	1.5	3.12	12.0	539	<20	<50	0.01	2	
D62630 (324934)	<1	2.83	6	3	0.14	119	0.9	3.09	2.3	111	<20	<50	<0.01	1	
D62631 (324935)	<1	4.04	21	5	0.17	97	1.6	2.43	1.3	286	22	<50	0.02	<1	
D62632 (324936)	<1	0.02	<2	1	2.03	114	<0.5	0.06	<0.5	82	<20	<50	0.02	1	
D62633 (324937)	<1	2.56	28	26	1.64	469	1.6	3.52	14.5	847	<20	<50	0.05	<1	
D62634 (324938)	<1	2.01	26	24	1.46	416	1.8	3.59	12.1	440	<20	<50	0.11	<1	
D62635 (324939)	<1	2.58	24	27	1.62	331	1.1	3.84	6.9	335	<20	<50	0.04	<1	
D62636 (324940)	<1	3.01	21	34	1.93	320	1.3	3.37	9.3	348	<20	<50	0.02	<1	
D62637 (324941)	<1	0.69	8	4	0.20	124	1.2	3.69	2.3	41	<20	<50	<0.01	2	
D62638 (324942)	<1	0.69	7	4	0.19	108	1.6	3.69	2.0	42	<20	<50	<0.01	1	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T488535

PROJECT: AGAT00677

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 03, 2019

DATE RECEIVED: Jul 04, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D62639 (324943)		<1	2.54	42	25	0.99	385	2.0	3.01	7.6	326	<20	<50	0.04	<1
D62640 (324944)		<1	1.15	28	13	0.51	252	1.8	3.48	3.6	68	<20	<50	0.03	<1
D62641 (324945)		<1	3.35	25	22	1.00	414	1.7	2.94	6.8	312	<20	<50	0.03	<1
D62642 (324946)		<1	1.41	11	9	0.33	155	1.4	3.84	2.3	43	<20	<50	0.07	<1
D62643 (324947)		<1	4.23	38	18	0.96	364	1.5	2.21	3.2	166	26	<50	0.06	<1
D62644 (324948)		<1	2.48	18	8	0.56	275	1.8	3.47	3.8	136	<20	<50	0.06	<1
D62645 (324949)		<1	1.78	6	10	0.40	204	1.7	2.73	2.9	92	<20	<50	0.02	<1
D62646 (324950)		<1	0.44	9	11	4.14	1290	1.6	2.35	101	853	<20	<50	0.07	2

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 03, 2019

DATE RECEIVED: Jul 04, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D62575 (324879)	4	<10	<5	242	<10	<10	<5	0.19	<5	<50	34.5	<1	5	53.9
D62576 (324880)	4	<10	<5	283	<10	<10	<5	0.15	<5	<50	26.7	<1	5	38.5
D62577 (324881)	5	<10	<5	204	<10	<10	<5	0.21	<5	<50	37.0	<1	4	49.3
D62578 (324882)	5	<10	<5	203	<10	<10	<5	0.20	<5	<50	35.6	<1	4	47.9
D62579 (324883)	7	<10	<5	249	<10	<10	<5	0.30	<5	<50	53.7	<1	8	76.6
D62580 (324884)	4	<10	<5	224	<10	<10	<5	0.16	<5	<50	28.6	<1	4	41.6
D62581 (324885)	6	<10	<5	190	<10	<10	<5	0.24	<5	<50	45.8	<1	6	57.7
D62582 (324886)	6	<10	<5	177	<10	<10	<5	0.19	<5	<50	40.0	<1	5	45.2
D62583 (324887)	5	<10	<5	201	<10	<10	<5	0.19	<5	<50	35.4	<1	5	46.3
D62584 (324888)	4	<10	<5	210	<10	<10	<5	0.12	<5	<50	21.5	<1	4	39.9
D62585 (324889)	6	<10	<5	174	<10	<10	<5	0.23	<5	<50	41.8	<1	5	71.0
D62586 (324890)	34	<10	<5	239	<10	<10	<5	0.85	<5	<50	233	<1	23	93.1
D62587 (324891)	6	<10	<5	233	<10	<10	<5	0.26	<5	<50	44.0	<1	7	59.6
D62588 (324892)	5	<10	<5	195	<10	<10	<5	0.20	<5	<50	39.6	<1	6	54.3
D62589 (324893)	5	<10	<5	203	<10	<10	<5	0.20	<5	<50	36.6	<1	6	49.1
D62590 (324894)	6	<10	<5	240	<10	<10	<5	0.23	<5	<50	43.0	<1	7	54.3
D62591 (324895)	5	<10	<5	252	<10	<10	<5	0.22	<5	<50	40.2	<1	7	48.0
D62592 (324896)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	4.4
D62593 (324897)	5	<10	<5	296	<10	<10	<5	0.23	<5	<50	39.5	<1	6	48.9
D62594 (324898)	12	<10	<5	359	<10	<10	<5	0.51	<5	<50	78.8	<1	10	62.9
D62595 (324899)	6	<10	<5	275	<10	<10	<5	0.25	<5	<50	44.3	<1	7	56.1
D62596 (324900)	5	<10	<5	159	<10	<10	<5	0.18	<5	<50	31.7	<1	5	48.0
D62597 (324901)	5	<10	<5	181	<10	<10	<5	0.17	<5	<50	30.9	<1	6	49.1
D62598 (324902)	5	<10	<5	179	<10	<10	<5	0.18	<5	<50	30.3	<1	7	46.5
D62599 (324903)	6	<10	<5	213	<10	<10	<5	0.27	<5	<50	48.9	<1	8	56.5
D62600 (324904)	20	<10	<5	582	<10	<10	<5	1.26	<5	<50	184	<1	36	97.8
D62601 (324905)	21	<10	<5	797	<10	<10	<5	2.06	<5	<50	265	<1	31	102
D62602 (324906)	5	<10	<5	219	<10	<10	<5	0.19	<5	<50	32.8	<1	10	38.3
D62603 (324907)	7	<10	<5	288	<10	<10	<5	0.28	<5	<50	50.2	<1	8	88.0
D62604 (324908)	6	<10	<5	236	<10	<10	<5	0.22	<5	<50	40.9	<1	7	75.4
D62605 (324909)	5	<10	<5	274	<10	<10	<5	0.22	<5	<50	37.5	<1	6	101
D62606 (324910)	46	<10	<5	109	<10	<10	<5	0.68	<5	<50	301	<1	23	81.5

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 03, 2019

DATE RECEIVED: Jul 04, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D62607 (324911)	8	<10	<5	210	<10	<10	<5	0.33	<5	<50	51.8	<1	7	138
D62608 (324912)	3	<10	<5	209	<10	<10	16	0.08	<5	<50	11.6	<1	4	48.3
D62609 (324913)	8	<10	<5	145	<10	<10	<5	0.24	<5	<50	43.9	<1	5	135
D62610 (324914)	10	<10	<5	391	<10	<10	<5	0.40	<5	<50	68.2	<1	14	84.8
D62611 (324915)	9	<10	<5	523	<10	<10	<5	0.25	<5	<50	47.9	<1	17	107
D62612 (324916)	<1	<10	<5	57	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	4.2
D62613 (324917)	4	<10	<5	1920	<10	<10	40	0.51	<5	<50	70.4	<1	62	189
D62614 (324918)	6	<10	<5	242	<10	<10	<5	0.24	<5	<50	46.1	<1	9	94.1
D62615 (324919)	7	<10	<5	184	<10	<10	<5	0.18	<5	<50	37.9	<1	8	68.6
D62616 (324920)	13	<10	<5	283	<10	<10	<5	0.30	<5	<50	62.4	<1	10	98.6
D62617 (324921)	5	<10	<5	199	<10	<10	8	0.13	<5	<50	34.4	<1	7	61.3
D62618 (324922)	5	<10	<5	197	<10	<10	7	0.13	<5	<50	33.5	<1	8	57.2
D62619 (324923)	19	<10	<5	844	<10	<10	<5	1.64	<5	<50	222	<1	27	77.6
D62620 (324924)	4	<10	<5	229	<10	<10	21	0.11	<5	<50	12.5	<1	7	66.5
D62621 (324925)	3	<10	<5	139	<10	<10	10	0.08	<5	<50	9.6	<1	4	71.3
D62622 (324926)	2	<10	<5	140	<10	<10	9	0.07	<5	<50	9.0	<1	3	44.8
D62623 (324927)	4	<10	<5	263	<10	<10	<5	0.16	<5	<50	26.4	<1	5	75.8
D62624 (324928)	1	<10	<5	249	<10	<10	5	0.04	<5	<50	5.2	<1	3	25.5
D62625 (324929)	3	<10	<5	<1	<10	<10	36	0.65	<5	<50	91.2	<1	61	146
D62626 (324930)	34	<10	<5	243	<10	<10	<5	0.86	<5	<50	235	<1	23	91.2
D62627 (324931)	4	<10	<5	957	<10	<10	13	0.25	<5	<50	38.8	<1	25	91.9
D62628 (324932)	7	<10	<5	174	<10	<10	9	0.18	<5	<50	31.9	<1	6	115
D62629 (324933)	8	<10	<5	152	<10	<10	<5	0.25	<5	<50	42.9	<1	7	140
D62630 (324934)	2	<10	<5	146	<10	<10	<5	0.04	<5	<50	5.0	<1	2	24.7
D62631 (324935)	2	<10	<5	136	<10	<10	15	0.06	<5	<50	7.3	<1	2	24.4
D62632 (324936)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	0.9	<1	2	3.6
D62633 (324937)	8	<10	<5	259	<10	<10	<5	0.34	<5	<50	57.1	<1	9	74.9
D62634 (324938)	7	<10	<5	201	<10	<10	<5	0.25	<5	<50	44.6	<1	8	73.5
D62635 (324939)	6	<10	<5	255	<10	<10	<5	0.25	<5	<50	41.9	<1	6	64.2
D62636 (324940)	6	<10	<5	239	<10	<10	<5	0.26	<5	<50	42.8	<1	6	75.7
D62637 (324941)	2	<10	<5	139	<10	<10	<5	0.05	<5	<50	6.3	<1	1	27.9
D62638 (324942)	2	<10	<5	138	<10	<10	<5	0.05	<5	<50	5.7	<1	1	27.0

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## Certificate of Analysis

AGAT WORK ORDER: 19T488535

PROJECT: AGAT00677

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 03, 2019

DATE RECEIVED: Jul 04, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D62639 (324943)	7	<10	<5	163	<10	<10	9	0.25	<5	<50	34.3	<1	8	106
D62640 (324944)	5	<10	<5	146	<10	<10	16	0.13	<5	<50	15.4	<1	4	65.9
D62641 (324945)	6	<10	<5	193	<10	<10	<5	0.23	<5	<50	32.5	<1	7	89.7
D62642 (324946)	3	<10	<5	128	<10	<10	<5	0.11	<5	<50	15.3	<1	4	27.6
D62643 (324947)	4	<10	<5	140	<10	<10	<5	0.22	<5	<50	22.8	<1	7	103
D62644 (324948)	4	<10	<5	138	<10	<10	<5	0.09	<5	<50	14.0	<1	4	25.0
D62645 (324949)	4	<10	<5	113	<10	<10	<5	0.12	<5	<50	13.2	<1	2	50.2
D62646 (324950)	34	<10	<5	240	<10	<10	<5	0.85	<5	<50	235	<1	23	89.0

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 03, 2019

DATE RECEIVED: Jul 04, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D62575 (324879)				61
D62576 (324880)				45
D62577 (324881)				37
D62578 (324882)				28
D62579 (324883)				23
D62580 (324884)				49
D62581 (324885)				16
D62582 (324886)				8
D62583 (324887)				14
D62584 (324888)				26
D62585 (324889)				11
D62586 (324890)				89
D62587 (324891)				18
D62588 (324892)				21
D62589 (324893)				16
D62590 (324894)				17
D62591 (324895)				19
D62592 (324896)				<5
D62593 (324897)				19
D62594 (324898)				35
D62595 (324899)				14
D62596 (324900)				49
D62597 (324901)				39
D62598 (324902)				42
D62599 (324903)				19
D62600 (324904)				170
D62601 (324905)				218
D62602 (324906)				94
D62603 (324907)				19
D62604 (324908)				48
D62605 (324909)				51
D62606 (324910)				56

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T488535

PROJECT: AGAT00677

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 03, 2019

DATE RECEIVED: Jul 04, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Zr
	Unit:	ppm
	RDL:	5
D62607 (324911)		80
D62608 (324912)		207
D62609 (324913)		71
D62610 (324914)		114
D62611 (324915)		110
D62612 (324916)		<5
D62613 (324917)		209
D62614 (324918)		92
D62615 (324919)		95
D62616 (324920)		102
D62617 (324921)		142
D62618 (324922)		154
D62619 (324923)		211
D62620 (324924)		203
D62621 (324925)		207
D62622 (324926)		128
D62623 (324927)		83
D62624 (324928)		59
D62625 (324929)		186
D62626 (324930)		91
D62627 (324931)		136
D62628 (324932)		108
D62629 (324933)		99
D62630 (324934)		117
D62631 (324935)		39
D62632 (324936)		<5
D62633 (324937)		82
D62634 (324938)		96
D62635 (324939)		57
D62636 (324940)		49
D62637 (324941)		108
D62638 (324942)		83

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# Certificate of Analysis

AGAT WORK ORDER: 19T488535

PROJECT: AGAT00677

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 03, 2019

DATE RECEIVED: Jul 04, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core


Analyte:	Zr
Unit:	ppm
Sample ID (AGAT ID)	RDL:
	5
D62639 (324943)	108
D62640 (324944)	86
D62641 (324945)	95
D62642 (324946)	182
D62643 (324947)	120
D62644 (324948)	40
D62645 (324949)	63
D62646 (324950)	90

Comments: RDL - Reported Detection Limit

324879-324950 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

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## Certificate of Analysis

AGAT WORK ORDER: 19T488535

PROJECT: AGAT00677

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 03, 2019

DATE RECEIVED: Jul 04, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D62575 (324879)			0.004
D62576 (324880)			0.004
D62577 (324881)			0.003
D62578 (324882)			0.002
D62579 (324883)			0.002
D62580 (324884)			0.005
D62581 (324885)			0.002
D62582 (324886)			0.002
D62583 (324887)			0.002
D62584 (324888)			<0.001
D62585 (324889)			0.002
D62586 (324890)			0.321
D62587 (324891)			0.002
D62588 (324892)			0.002
D62589 (324893)			0.001
D62590 (324894)			0.002
D62591 (324895)			0.003
D62592 (324896)			0.002
D62593 (324897)			0.002
D62594 (324898)			0.002
D62595 (324899)			0.002
D62596 (324900)			0.001
D62597 (324901)			0.001
D62598 (324902)			0.001
D62599 (324903)			0.002
D62600 (324904)			0.003
D62601 (324905)			0.002
D62602 (324906)			0.003
D62603 (324907)			0.004
D62604 (324908)			0.003
D62605 (324909)			0.002
D62606 (324910)			0.519

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T488535

PROJECT: AGAT00677

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 03, 2019

DATE RECEIVED: Jul 04, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D62607 (324911)			0.002
D62608 (324912)			0.001
D62609 (324913)			0.002
D62610 (324914)			0.002
D62611 (324915)			0.002
D62612 (324916)			0.001
D62613 (324917)			0.003
D62614 (324918)			0.003
D62615 (324919)			0.004
D62616 (324920)			0.001
D62617 (324921)			0.003
D62618 (324922)			0.002
D62619 (324923)			0.001
D62620 (324924)			0.002
D62621 (324925)			0.002
D62622 (324926)			<0.001
D62623 (324927)			0.001
D62624 (324928)			<0.001
D62625 (324929)			0.002
D62626 (324930)			0.343
D62627 (324931)			0.012
D62628 (324932)			0.005
D62629 (324933)			<0.001
D62630 (324934)			<0.001
D62631 (324935)			0.001
D62632 (324936)			<0.001
D62633 (324937)			0.002
D62634 (324938)			0.005
D62635 (324939)			0.002
D62636 (324940)			0.002
D62637 (324941)			<0.001
D62638 (324942)			<0.001

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# Certificate of Analysis

AGAT WORK ORDER: 19T488535

PROJECT: AGAT00677

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 03, 2019

DATE RECEIVED: Jul 04, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D62639 (324943)			0.002
D62640 (324944)			0.002
D62641 (324945)			0.001
D62642 (324946)			0.002
D62643 (324947)			0.002
D62644 (324948)			0.002
D62645 (324949)			0.001
D62646 (324950)			0.320

 Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T488535

PROJECT: AGAT00677

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 03, 2019      DATE RECEIVED: Jul 04, 2019      DATE REPORTED: Jul 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D62575 (324879)		81.61
D62594 (324898)		77.81
D62614 (324918)		80.83
D62634 (324938)		81.19

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T488535

PROJECT: AGAT00677

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 03, 2019

DATE RECEIVED: Jul 04, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

	Analyte:	Pass %
	Unit:	%
Sample ID (AGAT ID)	RDL:	0.01
D62575 (324879)		85.40
D62611 (324915)		86.47

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	324879	< 0.5	< 0.5	0.0%	324893	< 0.5	< 0.5	0.0%	324904	< 0.5	< 0.5	0.0%	324918	< 0.5	< 0.5	0.0%
Al	324879	8.07	8.08	0.1%	324893	7.69	7.62	0.9%	324904	5.44	5.35	1.7%	324918	7.78	7.78	0.0%
As	324879	< 1	< 1	0.0%	324893	< 1	< 1	0.0%	324904	8	7	13.3%	324918	< 1	< 1	0.0%
Ba	324879	496	505	1.8%	324893	490	479	2.3%	324904	726	723	0.4%	324918	470	442	6.1%
Be	324879	1.16	1.11	4.4%	324893	1.2	1.2	0.0%	324904	2.9	2.9	0.0%	324918	1.0	1.0	0.0%
Bi	324879	< 1	< 1	0.0%	324893	< 1	< 1	0.0%	324904	< 1	< 1	0.0%	324918	< 1	< 1	0.0%
Ca	324879	1.33	1.40	5.1%	324893	0.939	0.933	0.6%	324904	4.81	5.01	4.1%	324918	1.44	1.41	2.1%
Cd	324879	< 0.5	< 0.5	0.0%	324893	< 0.5	< 0.5	0.0%	324904	< 0.5	< 0.5	0.0%	324918	< 0.5	< 0.5	0.0%
Ce	324879	38	36	5.4%	324893	50	50	0.0%	324904	82	86	4.8%	324918	61	59	3.3%
Co	324879	4.6	4.6	0.0%	324893	6.10	6.03	1.2%	324904	38.1	39.2	2.8%	324918	6.98	6.92	0.9%
Cr	324879	223	177	23.0%	324893	181	183	1.1%	324904	272	289	6.1%	324918	207	180	14.0%
Cu	324879	4.4	5.2	16.7%	324893	5.93	6.28	5.7%	324904	56.2	59.1	5.0%	324918	40.2	38.4	4.6%
Fe	324879	2.02	1.95	3.5%	324893	2.37	2.35	0.8%	324904	6.71	6.91	2.9%	324918	2.85	2.82	1.1%
Ga	324879	19	18	5.4%	324893	17	17	0.0%	324904	28	29	3.5%	324918	20	20	0.0%
In	324879	< 1	< 1	0.0%	324893	< 1	< 1	0.0%	324904	< 1	< 1	0.0%	324918	< 1	< 1	0.0%
K	324879	1.37	1.32	3.7%	324893	1.64	1.61	1.8%	324904	1.87	1.99	6.2%	324918	3.09	3.03	2.0%
La	324879	18	17	5.7%	324893	25	24	4.1%	324904	42	43	2.4%	324918	29	28	3.5%
Li	324879	21	17	21.1%	324893	31	31	0.0%	324904	42	41	2.4%	324918	29	29	0.0%
Mg	324879	0.94	0.90	4.3%	324893	1.51	1.48	2.0%	324904	5.67	5.85	3.1%	324918	1.32	1.31	0.8%
Mn	324879	304	294	3.3%	324893	291	288	1.0%	324904	1030	1070	3.8%	324918	356	354	0.6%
Mo	324879	1.30	1.39	6.7%	324893	1.0	1.5		324904	2.8	3.1	10.2%	324918	1.8	1.7	5.7%
Na	324879	4.08	4.04	1.0%	324893	3.42	3.40	0.6%	324904	3.60	3.43	4.8%	324918	3.25	3.22	0.9%
Ni	324879	6.8	7.7	12.4%	324893	9.5	9.4	1.1%	324904	279	284	1.8%	324918	12.3	11.9	3.3%
P	324879	366	383	4.5%	324893	581	575	1.0%	324904	1770	1840	3.9%	324918	987	979	0.8%
Pb	324879	< 20	< 20	0.0%	324893	< 20	< 20	0.0%	324904	< 20	< 20	0.0%	324918	< 20	< 20	0.0%
Rb	324879	< 50	< 50	0.0%	324893	< 50	< 50	0.0%	324904	< 50	< 50	0.0%	324918	< 50	< 50	0.0%
S	324879	0.04	0.07		324893	0.04	0.04	0.0%	324904	0.129	0.138	6.7%	324918	0.06	0.06	0.0%
Sb	324879	3	2		324893	1	2		324904	< 1	1		324918	< 1	1	
Sc	324879	4	4	0.0%	324893	5	5	0.0%	324904	20	20	0.0%	324918	6	6	0.0%
Se	324879	< 10	< 10	0.0%	324893	< 10	< 10	0.0%	324904	< 10	< 10	0.0%	324918	< 10	< 10	0.0%
Sn	324879	< 5	< 5	0.0%	324893	< 5	< 5	0.0%	324904	< 5	< 5	0.0%	324918	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

Sr	324879	242	236	2.5%	324893	203	202	0.5%	324904	582	586	0.7%	324918	242	238	1.7%
Ta	324879	< 10	< 10	0.0%	324893	< 10	< 10	0.0%	324904	< 10	< 10	0.0%	324918	< 10	< 10	0.0%
Te	324879	< 10	< 10	0.0%	324893	< 10	< 10	0.0%	324904	< 10	< 10	0.0%	324918	< 10	< 10	0.0%
Th	324879	< 5	< 5	0.0%	324893	< 5	< 5	0.0%	324904	< 5	< 5	0.0%	324918	< 5	< 5	0.0%
Ti	324879	0.19	0.19	0.0%	324893	0.197	0.193	2.1%	324904	1.26	1.33	5.4%	324918	0.24	0.24	0.0%
Tl	324879	< 5	< 5	0.0%	324893	< 5	< 5	0.0%	324904	< 5	< 5	0.0%	324918	< 5	< 5	0.0%
U	324879	< 50	< 50	0.0%	324893	< 50	< 50	0.0%	324904	< 50	< 50	0.0%	324918	< 50	< 50	0.0%
V	324879	34.5	34.8	0.9%	324893	36.6	35.7	2.5%	324904	184	187	1.6%	324918	46.1	45.3	1.8%
W	324879	< 1	< 1	0.0%	324893	< 1	< 1	0.0%	324904	< 1	< 1	0.0%	324918	< 1	< 1	0.0%
Y	324879	5	5	0.0%	324893	6	6	0.0%	324904	36	37	2.7%	324918	9	9	0.0%
Zn	324879	53.9	46.3	15.2%	324893	49.1	48.0	2.3%	324904	97.8	95.8	2.1%	324918	94.1	86.7	8.2%
Zr	324879	61	57	6.8%	324893	16	18	11.8%	324904	170	176	3.5%	324918	92	91	1.1%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	324929	< 0.5	< 0.5	0.0%	324943	< 0.5	< 0.5	0.0%								
Al	324929	6.99	6.96	0.4%	324943	7.68	7.57	1.4%								
As	324929	6	5	18.2%	324943	< 1	< 1	0.0%								
Ba	324929	2860	2810	1.8%	324943	246	246	0.0%								
Be	324929	4.9	5.1	4.0%	324943	0.7	0.7	0.0%								
Bi	324929	< 1	< 1	0.0%	324943	< 1	< 1	0.0%								
Ca	324929	7.82	7.67	1.9%	324943	1.32	1.30	1.5%								
Cd	324929	< 0.5	< 0.5	0.0%	324943	< 0.5	< 0.5	0.0%								
Ce	324929	637	635	0.3%	324943	82	87	5.9%								
Co	324929	22.6	22.9	1.3%	324943	5.95	6.01	1.0%								
Cr	324929	14.5	17.4	18.2%	324943	15.4	15.0	2.6%								
Cu	324929	44.5	42.4	4.8%	324943	15.1	16.0	5.8%								
Fe	324929	8.78	8.53	2.9%	324943	3.21	3.17	1.3%								
Ga	324929	29	29	0.0%	324943	22	22	0.0%								
In	324929	< 1	< 1	0.0%	324943	< 1	< 1	0.0%								
K	324929	4.18	4.08	2.4%	324943	2.54	2.51	1.2%								
La	324929	330	327	0.9%	324943	42	44	4.7%								
Li	324929	33	34	3.0%	324943	25	24	4.1%								
Mg	324929	2.12	2.12	0.0%	324943	0.988	0.973	1.5%								
Mn	324929	3040	2970	2.3%	324943	385	380	1.3%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

Mo	324929	6.91	6.99	1.2%	324943	2.0	2.0	0.0%								
Na	324929	2.58	2.46	4.8%	324943	3.01	2.98	1.0%								
Ni	324929	8.03	8.13	1.2%	324943	7.61	7.68	0.9%								
P	324929	5610	5390	4.0%	324943	326	321	1.5%								
Pb	324929	< 20	< 20	0.0%	324943	< 20	< 20	0.0%								
Rb	324929	58	57	1.7%	324943	< 50	< 50	0.0%								
S	324929	0.24	0.23	4.3%	324943	0.043	0.045	4.5%								
Sb	324929	< 1	< 1	0.0%	324943	< 1	< 1	0.0%								
Sc	324929	3	3	0.0%	324943	7	6	15.4%								
Se	324929	< 10	< 10	0.0%	324943	< 10	< 10	0.0%								
Sn	324929	< 5	< 5	0.0%	324943	< 5	< 5	0.0%								
Sr	324929	< 1	< 1	0.0%	324943	163	161	1.2%								
Ta	324929	< 10	< 10	0.0%	324943	< 10	< 10	0.0%								
Te	324929	< 10	< 10	0.0%	324943	< 10	< 10	0.0%								
Th	324929	36	35	2.8%	324943	9	12	28.6%								
Ti	324929	0.651	0.604	7.5%	324943	0.25	0.25	0.0%								
Tl	324929	< 5	< 5	0.0%	324943	< 5	< 5	0.0%								
U	324929	< 50	< 50	0.0%	324943	< 50	< 50	0.0%								
V	324929	91.2	90.6	0.7%	324943	34.3	34.1	0.6%								
W	324929	< 1	< 1	0.0%	324943	< 1	< 1	0.0%								
Y	324929	61	60	1.7%	324943	8	8	0.0%								
Zn	324929	146	142	2.8%	324943	106	106	0.0%								
Zr	324929	186	99		324943	108	115	6.3%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	324879	0.004	0.004	0.0%	324893	0.001	0.001	0.0%	324904	0.003	0.003	0.0%	324918	0.003	0.003	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	324929	0.002	0.004		324943	0.002	0.002	0.0%								

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	11.42	104%	90% - 110%	8.17	8.29	101%	90% - 110%	6.96	6.91	99%	90% - 110%	10.95	10.92	100%	90% - 110%
As					26	22	85%	90% - 110%	124	122	98%	90% - 110%				
Ba	340	323	95%	90% - 110%	540	507	94%	90% - 110%	186	169	91%	90% - 110%	340	316	93%	90% - 110%
Be	2.6	2.8	107%	90% - 110%	4.0	3.2	80%	90% - 110%					2.6	2.8	106%	90% - 110%
Ca	5.72	5.47	96%	90% - 110%	0.907	0.855	94%	90% - 110%	4.01	3.66	91%	90% - 110%	5.72	5.41	95%	90% - 110%
Ce	122	121	99%	90% - 110%	98	102	104%	90% - 110%	24	19	81%	90% - 110%	122	113	93%	90% - 110%
Co									22.1	20.2	92%	90% - 110%				
Cr					60.3	63.1	105%	90% - 110%								
Cu					150	148	99%	90% - 110%	88.6	81.1	92%	90% - 110%				
Fe	4.34	4.1	94%	90% - 110%	3.77	3.65	97%	90% - 110%	7.56	7.14	94%	90% - 110%	4.34	4.02	93%	90% - 110%
Ga	35	37	107%	90% - 110%									35	38	107%	90% - 110%
K	1.37	1.44	105%	90% - 110%					2.021	2.015	100%	90% - 110%	1.37	1.44	105%	90% - 110%
La	58	56	96%	90% - 110%	44	46	104%	90% - 110%					58	54	94%	90% - 110%
Li	37	39	104%	90% - 110%	47	47	99%	90% - 110%					37	38	104%	90% - 110%
Mg	0.325	0.297	91%	90% - 110%	1.10	1.05	96%	90% - 110%	2.412	2.32	96%	90% - 110%	0.325	0.302	93%	90% - 110%
Mn					780	743	95%	90% - 110%	1510	1409	93%	90% - 110%				
Mo					14	14	101%	90% - 110%								
Na	5.267	5.601	106%	90% - 110%	1.624	1.676	103%	90% - 110%	0.617	0.615	100%	90% - 110%	5.267	5.574	106%	90% - 110%
Ni					32	32	100%	90% - 110%	77.1	69.9	91%	90% - 110%				
P					750	755	101%	90% - 110%	892	866	97%	90% - 110%				
Pb	10	9	90%	90% - 110%	31	28	89%	90% - 110%					10	8	79%	90% - 110%
S									0.348	0.318	91%	90% - 110%				
Sc	1.1	1	92%	90% - 110%	12	13	105%	90% - 110%					1.1	1	93%	90% - 110%
Sr	1191	1150	97%	90% - 110%	144	145	101%	90% - 110%	92.8	84.8	91%	90% - 110%	1191	1141	96%	90% - 110%
Ti	0.172	0.177	103%	90% - 110%	0.53	0.48	91%	90% - 110%					0.172	0.167	97%	90% - 110%
V	8	8	95%	90% - 110%	77	79	103%	90% - 110%					8	8	97%	90% - 110%
Y	119	125	105%	90% - 110%									119	124	104%	90% - 110%
Zn	93	99	106%	90% - 110%	130	132	102%	90% - 110%	208	210	101%	90% - 110%	93	94	102%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1				CRM #2				CRM #3				CRM #4			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

Au	5.27	5.70	108%	90% - 110%	6.87	6.44	93%	90% - 110%	0.562	0.508	90%	90% - 110%	0.725	0.717	98%	90% - 110%
	CRM #5															
Parameter	Expect	Actual	Recovery	Limits												
Au	0.725	0.717	98%	90% - 110%												

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00677  
 SAMPLING SITE:

AGAT WORK ORDER: 19T488535  
 ATTENTION TO: Craig Yuill, Christine Shultis  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill, Christine Shultis

PROJECT: AGAT00678

AGAT WORK ORDER: 19T488542

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jul 16, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

# Certificate of Analysis

AGAT WORK ORDER: 19T488542

PROJECT: AGAT00678

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## (200-) Sample Login Weight

DATE SAMPLED: Jul 03, 2019

DATE RECEIVED: Jul 04, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D70289 (325040)		3.92
D70290 (325041)		3.71
D70291 (325042)		4.15
D70292 (325043)		0.75
D70293 (325044)		3.83
D70294 (325045)		3.93
D70295 (325046)		4.02
D70296 (325047)		1.80
D70297 (325048)		1.89
D70298 (325049)		1.89
D70299 (325050)		4.03
D70300 (325051)		4.14
D70301 (325052)		2.63
D70302 (325053)		1.62
D70303 (325054)		0.85
D70304 (325055)		2.55
D70305 (325056)		3.99
D70306 (325057)		0.07
D70307 (325058)		4.09
D70308 (325059)		3.86
D70309 (325060)		3.96
D70310 (325061)		3.65
D70311 (325062)		3.29
D70312 (325063)		0.47
D70313 (325064)		1.34
D70314 (325065)		3.07
D70315 (325066)		3.82
D70316 (325067)		3.96
D70317 (325068)		3.86
D70318 (325069)		3.86
D70319 (325070)		3.71

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T488542

PROJECT: AGAT00678

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (200-) Sample Login Weight

DATE SAMPLED: Jul 03, 2019

DATE RECEIVED: Jul 04, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D70320 (325071)		4.02
D70321 (325072)		3.07
D70322 (325073)		4.01
D70323 (325074)		3.62
D70324 (325075)		2.44
D70325 (325076)		1.90
D70326 (325077)		0.07
D70327 (325078)		3.65
D70328 (325079)		4.02
D70329 (325080)		4.38
D70330 (325081)		4.05
D70331 (325082)		3.60
D70332 (325083)		0.59
D70333 (325084)		3.42
D70334 (325085)		0.82
D70335 (325086)		3.64
D70336 (325087)		4.05
D70337 (325088)		3.73
D70338 (325089)		3.73
D70339 (325090)		3.91
D70340 (325091)		3.56
D70341 (325092)		3.69
D70342 (325093)		1.34
D70343 (325094)		2.77
D70344 (325095)		3.86
D70345 (325096)		3.55
D70346 (325097)		0.07
D70347 (325098)		1.60
D70348 (325099)		2.23
D70349 (325100)		2.84
D70350 (325101)		2.64

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T488542

PROJECT: AGAT00678

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (200-) Sample Login Weight

DATE SAMPLED: Jul 03, 2019

DATE RECEIVED: Jul 04, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D70351 (325102)		2.11
D70352 (325103)		0.63
D70353 (325104)		2.38
D70354 (325105)		1.47
D70355 (325106)		2.08
D70356 (325107)		2.30
D70357 (325108)		2.37
D70358 (325109)		2.37
D70359 (325110)		2.21
D70360 (325111)		2.19

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T488542

PROJECT: AGAT00678

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 03, 2019

DATE RECEIVED: Jul 04, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D70289 (325040)		<0.5	6.05	<1	282	0.9	<1	5.43	<0.5	29	39.9	75.8	176	10.8	36
D70290 (325041)		<0.5	6.34	<1	278	1.1	<1	5.80	<0.5	27	39.7	82.4	159	10.7	37
D70291 (325042)		<0.5	6.76	<1	274	1.1	<1	5.96	<0.5	26	41.0	95.1	165	10.6	37
D70292 (325043)		<0.5	0.12	3	16	<0.5	<1	30.0	<0.5	1	0.7	0.9	<0.5	0.10	<5
D70293 (325044)		<0.5	6.56	<1	274	3.5	<1	5.97	<0.5	27	40.5	108	165	10.8	36
D70294 (325045)		<0.5	7.03	<1	259	4.0	<1	6.11	<0.5	21	40.2	163	154	9.65	32
D70295 (325046)		<0.5	7.68	<1	316	1.1	<1	6.27	<0.5	24	41.1	175	159	9.19	31
D70296 (325047)		<0.5	3.38	<1	822	2.0	<1	7.73	<0.5	122	52.7	678	88.7	8.84	29
D70297 (325048)		<0.5	6.63	<1	294	0.9	<1	6.12	<0.5	28	40.5	83.6	175	11.1	36
D70298 (325049)		<0.5	6.57	<1	293	0.9	<1	6.05	<0.5	30	40.3	92.1	168	10.9	37
D70299 (325050)		<0.5	6.72	<1	279	0.9	<1	5.87	<0.5	27	40.2	84.1	162	11.4	38
D70300 (325051)		<0.5	6.74	<1	301	0.9	<1	5.70	<0.5	28	38.6	80.4	160	11.2	38
D70301 (325052)		<0.5	6.42	<1	284	0.9	<1	5.56	<0.5	27	38.0	65.0	165	11.0	38
D70302 (325053)		<0.5	6.39	<1	303	3.5	<1	5.26	<0.5	27	40.7	74.8	147	11.0	36
D70303 (325054)		<0.5	3.24	<1	1410	1.7	<1	7.80	<0.5	196	52.8	605	101	8.00	26
D70304 (325055)		<0.5	6.47	<1	279	0.8	<1	5.97	<0.5	25	40.5	78.8	154	11.1	40
D70305 (325056)		<0.5	6.59	<1	273	1.7	<1	5.92	<0.5	29	39.1	78.5	164	11.3	39
D70306 (325057)		<0.5	7.30	<1	184	0.6	<1	6.21	<0.5	17	36.0	166	105	7.73	28
D70307 (325058)		<0.5	6.75	<1	266	1.3	<1	6.35	<0.5	27	42.0	86.5	174	11.6	41
D70308 (325059)		<0.5	6.68	<1	283	0.8	<1	6.02	<0.5	29	42.0	76.6	158	11.2	41
D70309 (325060)		<0.5	6.60	<1	282	0.9	<1	5.75	<0.5	30	39.3	78.4	146	10.6	37
D70310 (325061)		<0.5	6.35	<1	280	0.9	<1	5.72	<0.5	29	37.4	62.7	155	11.0	36
D70311 (325062)		<0.5	6.81	<1	216	1.1	<1	6.01	<0.5	31	39.9	68.9	170	11.8	42
D70312 (325063)		<0.5	0.06	2	15	<0.5	<1	30.9	<0.5	<1	<0.5	1.4	<0.5	0.11	<5
D70313 (325064)		<0.5	6.11	<1	175	13.9	<1	5.66	<0.5	21	38.2	59.6	166	10.4	36
D70314 (325065)		<0.5	6.33	<1	213	1.2	<1	5.79	<0.5	30	39.4	69.1	160	11.2	37
D70315 (325066)		<0.5	6.78	<1	223	2.2	<1	6.08	<0.5	28	40.3	73.1	182	10.8	37
D70316 (325067)		<0.5	7.77	<1	269	1.1	<1	6.16	<0.5	23	41.1	128	155	9.38	33
D70317 (325068)		<0.5	7.78	<1	309	1.3	<1	6.19	<0.5	18	41.6	155	130	8.37	31
D70318 (325069)		<0.5	8.09	<1	320	1.5	<1	6.27	<0.5	18	40.4	150	129	8.47	30
D70319 (325070)		<0.5	7.29	<1	283	0.9	<1	6.37	<0.5	27	41.4	108	175	11.0	37
D70320 (325071)		<0.5	6.66	<1	282	1.2	<1	5.76	<0.5	28	40.9	56.1	173	11.3	41

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T488542

PROJECT: AGAT00678

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 03, 2019	DATE RECEIVED: Jul 04, 2019							DATE REPORTED: Jul 16, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D70321 (325072)	<0.5	6.71	<1	325	1.1	<1	5.91	<0.5	29	40.2	53.2	176	11.8	40	
D70322 (325073)	<0.5	6.54	<1	315	2.2	<1	5.79	<0.5	30	40.2	51.6	165	11.2	42	
D70323 (325074)	<0.5	6.71	<1	295	1.0	<1	5.79	<0.5	31	40.2	56.1	173	11.4	40	
D70324 (325075)	<0.5	6.29	<1	279	2.9	<1	6.19	<0.5	29	34.5	76.6	135	9.55	31	
D70325 (325076)	<0.5	3.24	<1	435	1.4	<1	5.91	<0.5	79	68.4	611	99.4	8.97	30	
D70326 (325077)	<0.5	7.28	<1	182	0.6	<1	6.05	<0.5	17	36.4	174	103	7.55	28	
D70327 (325078)	<0.5	6.55	<1	316	1.0	<1	5.85	<0.5	28	39.3	59.5	170	11.0	39	
D70328 (325079)	<0.5	6.37	<1	321	0.9	<1	5.78	<0.5	24	39.0	58.4	151	11.0	40	
D70329 (325080)	<0.5	6.59	<1	337	0.9	<1	5.85	<0.5	28	39.8	60.4	165	11.4	38	
D70330 (325081)	<0.5	6.64	<1	334	1.0	<1	5.88	<0.5	29	39.8	55.9	168	11.6	40	
D70331 (325082)	<0.5	6.78	<1	297	0.9	<1	5.96	<0.5	31	39.3	57.4	170	11.7	42	
D70332 (325083)	<0.5	0.10	<1	22	<0.5	<1	33.5	<0.5	1	<0.5	1.7	<0.5	0.10	<5	
D70333 (325084)	<0.5	6.61	<1	256	1.1	<1	5.88	<0.5	30	40.5	51.3	166	11.6	39	
D70334 (325085)	<0.5	6.68	<1	248	7.3	<1	5.99	<0.5	22	36.7	52.1	143	10.0	34	
D70335 (325086)	<0.5	6.56	<1	253	2.2	<1	5.74	<0.5	28	39.5	55.8	165	11.4	38	
D70336 (325087)	<0.5	6.67	<1	332	1.0	<1	5.76	<0.5	31	40.1	48.2	164	12.0	41	
D70337 (325088)	<0.5	6.79	<1	299	0.9	<1	5.96	<0.5	27	42.1	55.3	168	11.3	41	
D70338 (325089)	<0.5	6.83	<1	300	0.9	<1	5.91	<0.5	30	40.0	54.4	174	11.7	41	
D70339 (325090)	<0.5	6.54	<1	309	1.0	<1	5.78	<0.5	31	38.6	50.7	167	11.5	39	
D70340 (325091)	<0.5	6.63	<1	308	1.0	<1	5.86	<0.5	32	38.4	49.1	168	11.6	38	
D70341 (325092)	<0.5	6.75	<1	356	0.9	<1	5.76	<0.5	32	40.3	50.8	171	11.7	40	
D70342 (325093)	<0.5	6.66	<1	356	1.1	<1	5.73	<0.5	31	38.6	51.1	164	11.4	39	
D70343 (325094)	<0.5	6.89	<1	425	0.9	<1	5.68	<0.5	34	41.4	53.8	173	11.7	40	
D70344 (325095)	<0.5	6.74	<1	393	1.0	<1	5.56	<0.5	33	39.6	52.1	166	11.6	44	
D70345 (325096)	<0.5	6.56	<1	407	1.0	<1	5.25	<0.5	32	40.1	47.3	172	11.6	41	
D70346 (325097)	<0.5	7.31	<1	143	<0.5	<1	6.66	<0.5	6	39.2	156	156	8.16	28	
D70347 (325098)	<0.5	7.07	<1	208	1.1	<1	4.54	<0.5	58	19.7	33.0	78.3	7.55	28	
D70348 (325099)	<0.5	7.88	<1	197	0.7	<1	1.75	<0.5	12	10.3	16.1	1.2	3.64	20	
D70349 (325100)	<0.5	7.72	<1	237	1.1	<1	2.39	<0.5	13	9.0	14.2	11.8	3.13	19	
D70350 (325101)	<0.5	7.87	<1	191	1.4	<1	2.63	<0.5	12	3.6	12.2	0.5	1.57	14	
D70351 (325102)	<0.5	7.88	1	150	1.6	<1	2.44	<0.5	23	6.1	11.9	1.3	1.52	13	
D70352 (325103)	<0.5	0.05	<1	12	<0.5	<1	30.2	<0.5	<1	0.7	1.0	<0.5	0.12	<5	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T488542

PROJECT: AGAT00678

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 03, 2019

DATE RECEIVED: Jul 04, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D70353 (325104)		<0.5	7.65	<1	205	1.0	<1	1.82	<0.5	22	4.4	15.6	<0.5	1.84	15
D70354 (325105)		<0.5	7.86	<1	118	1.6	<1	1.94	<0.5	30	6.4	14.9	24.3	2.27	16
D70355 (325106)		<0.5	7.80	<1	196	1.5	<1	1.57	<0.5	39	9.0	12.0	5.7	2.40	17
D70356 (325107)		<0.5	8.08	<1	233	1.5	<1	1.55	<0.5	24	8.1	16.2	3.7	2.68	18
D70357 (325108)		<0.5	7.92	<1	249	1.3	<1	1.47	<0.5	23	6.4	12.2	7.3	2.43	16
D70358 (325109)		<0.5	8.09	<1	248	1.4	<1	1.49	<0.5	21	6.6	12.5	7.3	2.51	18
D70359 (325110)		<0.5	7.90	<1	280	1.4	<1	1.68	<0.5	30	5.5	13.3	9.9	2.24	16
D70360 (325111)		<0.5	7.46	2	433	2.7	<1	1.98	<0.5	70	5.2	20.0	21.6	2.80	18

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 03, 2019

DATE RECEIVED: Jul 04, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D70289 (325040)		<1	0.93	14	8	2.66	1790	3.6	1.62	43.4	1030	<20	<50	0.16	<1
D70290 (325041)		<1	0.98	14	8	2.87	1730	4.2	1.56	47.4	1060	<20	<50	0.18	<1
D70291 (325042)		<1	0.83	13	7	3.06	1790	3.7	1.87	51.4	1060	<20	<50	0.19	<1
D70292 (325043)		<1	0.02	2	2	2.83	120	<0.5	0.08	<0.5	76	<20	<50	0.03	2
D70293 (325044)		<1	0.99	13	8	3.09	1780	4.3	1.94	53.3	973	<20	<50	0.17	1
D70294 (325045)		<1	1.34	11	11	3.31	1760	4.1	2.20	57.0	590	<20	<50	0.09	3
D70295 (325046)		<1	1.17	11	10	3.58	1740	3.0	2.30	64.1	627	<20	<50	0.10	1
D70296 (325047)		<1	1.94	61	29	10.1	1590	3.6	0.37	424	2640	<20	<50	0.19	1
D70297 (325048)		<1	0.80	14	8	3.08	1840	3.6	2.10	52.4	1040	<20	<50	0.19	2
D70298 (325049)		<1	0.81	14	8	3.06	1810	3.2	2.11	54.5	1060	<20	<50	0.18	<1
D70299 (325050)		<1	0.78	14	6	3.06	1840	3.3	2.03	50.3	1070	<20	<50	0.18	<1
D70300 (325051)		<1	0.80	14	6	3.04	1810	3.9	1.95	46.7	1050	<20	<50	0.18	<1
D70301 (325052)		<1	0.85	14	8	2.94	1830	3.1	1.94	46.3	1040	<20	<50	0.18	1
D70302 (325053)		<1	1.01	14	12	2.98	1860	3.2	2.64	47.0	957	<20	<50	0.17	<1
D70303 (325054)		<1	1.98	96	28	11.3	1580	2.0	0.36	469	2890	<20	<50	0.13	<1
D70304 (325055)		<1	0.87	13	10	3.17	1790	3.4	1.73	51.7	939	<20	<50	0.15	<1
D70305 (325056)		<1	0.81	14	8	3.04	1820	3.7	1.88	50.0	1040	<20	<50	0.17	1
D70306 (325057)		<1	0.43	9	11	4.12	1370	2.2	2.42	105	839	<20	<50	0.09	1
D70307 (325058)		<1	0.86	14	7	3.13	1890	3.5	1.80	50.9	1150	<20	<50	0.18	<1
D70308 (325059)		<1	0.82	15	7	3.02	1800	3.7	1.76	47.8	1200	<20	<50	0.17	<1
D70309 (325060)		<1	0.83	15	8	2.85	1760	3.2	1.84	43.3	1160	<20	<50	0.17	<1
D70310 (325061)		<1	0.78	14	9	2.81	1750	3.2	1.72	44.4	1030	<20	<50	0.18	2
D70311 (325062)		<1	0.66	15	10	3.08	1830	3.0	2.06	46.9	1110	<20	<50	0.18	2
D70312 (325063)		<1	0.01	2	<1	2.18	120	<0.5	0.04	<0.5	73	<20	<50	0.04	1
D70313 (325064)		<1	1.45	11	30	2.79	1660	2.2	3.20	42.5	823	<20	<50	0.11	1
D70314 (325065)		<1	0.76	14	9	2.79	1790	3.2	1.93	44.7	1040	<20	<50	0.19	1
D70315 (325066)		<1	0.82	13	16	3.08	1890	1.8	2.33	51.3	888	<20	<50	0.19	1
D70316 (325067)		<1	0.86	11	14	3.38	1900	1.6	2.29	57.5	580	<20	<50	0.13	1
D70317 (325068)		<1	0.92	9	16	3.52	1540	1.4	2.15	69.5	494	<20	<50	0.10	2
D70318 (325069)		<1	0.97	9	17	3.64	1570	1.4	2.18	68.2	456	<20	<50	0.09	2
D70319 (325070)		<1	0.76	13	12	3.44	1900	2.1	2.03	57.0	799	<20	<50	0.20	<1
D70320 (325071)		<1	0.79	14	10	3.07	1870	2.1	1.84	49.4	1030	<20	<50	0.18	<1

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ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 03, 2019

DATE RECEIVED: Jul 04, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D70321 (325072)		<1	0.88	14	11	3.06	1940	2.3	1.91	48.8	1070	<20	<50	0.21	<1
D70322 (325073)		<1	0.88	14	12	3.03	1890	1.9	1.92	47.7	1060	<20	<50	0.18	<1
D70323 (325074)		<1	0.82	15	11	3.15	1780	2.0	1.83	49.2	1090	<20	<50	0.22	1
D70324 (325075)		<1	0.88	13	13	3.06	1620	1.9	2.17	55.3	900	<20	<50	0.15	<1
D70325 (325076)		<1	1.22	40	43	11.1	1410	2.0	0.41	648	1440	<20	<50	0.15	3
D70326 (325077)		<1	0.43	9	11	4.12	1330	2.0	2.34	105	843	<20	<50	0.09	<1
D70327 (325078)		<1	0.90	14	11	3.08	1750	2.1	1.77	51.9	1010	<20	<50	0.18	1
D70328 (325079)		<1	0.84	12	10	3.03	1760	2.2	1.79	49.0	929	<20	<50	0.16	2
D70329 (325080)		<1	0.88	14	9	3.04	1820	2.2	1.79	49.0	1030	<20	<50	0.18	1
D70330 (325081)		<1	0.88	14	9	3.09	1840	1.9	1.78	48.6	1030	<20	<50	0.19	<1
D70331 (325082)		<1	0.82	15	9	3.10	1850	2.1	1.83	47.2	1060	<20	<50	0.20	2
D70332 (325083)		<1	0.02	2	<1	1.29	104	<0.5	0.05	<0.5	94	<20	<50	0.03	<1
D70333 (325084)		<1	0.80	15	8	2.98	1790	2.1	1.79	46.6	1080	<20	<50	0.19	1
D70334 (325085)		<1	1.64	12	42	2.89	1650	1.7	2.56	43.4	874	<20	<50	0.13	<1
D70335 (325086)		<1	1.09	14	16	2.92	1800	2.0	2.18	45.1	946	<20	<50	0.18	1
D70336 (325087)		<1	0.86	15	10	2.91	1830	2.1	1.85	44.6	1080	<20	<50	0.20	<1
D70337 (325088)		<1	0.92	15	10	2.99	1800	2.1	1.78	47.5	1170	<20	<50	0.19	<1
D70338 (325089)		<1	0.93	14	11	3.02	1840	2.2	1.79	47.3	1090	<20	<50	0.20	<1
D70339 (325090)		<1	0.91	14	12	2.87	1830	2.4	1.83	44.8	1030	<20	<50	0.19	1
D70340 (325091)		<1	0.85	15	12	2.97	1800	2.1	1.86	45.0	1050	<20	<50	0.20	2
D70341 (325092)		<1	0.91	15	11	2.96	1830	2.3	1.88	47.3	1070	<20	<50	0.19	<1
D70342 (325093)		<1	0.96	15	11	2.97	1840	2.5	1.92	46.4	1060	<20	<50	0.19	2
D70343 (325094)		<1	1.05	16	11	3.05	2010	2.3	1.94	47.8	1130	<20	<50	0.20	1
D70344 (325095)		<1	0.98	15	10	2.99	1950	2.0	1.88	45.5	1100	<20	<50	0.19	<1
D70345 (325096)		<1	1.03	15	9	2.86	1750	2.2	1.83	44.5	1070	<20	<50	0.19	<1
D70346 (325097)		<1	0.20	3	13	4.28	1450	1.7	2.39	86.7	396	<20	<50	0.16	2
D70347 (325098)		<1	0.79	29	30	2.75	829	1.7	2.35	30.9	844	<20	<50	0.06	<1
D70348 (325099)		<1	0.79	6	22	1.60	427	1.3	4.05	15.6	474	<20	<50	0.01	<1
D70349 (325100)		<1	1.12	7	16	1.56	469	1.3	4.08	15.0	431	<20	<50	0.01	2
D70350 (325101)		<1	1.80	6	6	1.10	344	1.0	4.82	8.2	366	<20	<50	0.02	<1
D70351 (325102)		<1	1.71	10	7	1.10	361	0.8	5.16	10.4	293	<20	<50	0.01	1
D70352 (325103)		<1	<0.01	2	<1	2.16	123	<0.5	0.03	<0.5	63	<20	<50	0.05	1

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## Certificate of Analysis

AGAT WORK ORDER: 19T488542

PROJECT: AGAT00678

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 03, 2019

DATE RECEIVED: Jul 04, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D70353 (325104)		<1	1.37	11	4	0.98	275	1.5	4.28	10.1	371	<20	<50	0.01	<1
D70354 (325105)		<1	1.64	14	19	1.13	328	1.3	5.60	10.3	235	<20	<50	0.07	1
D70355 (325106)		<1	0.90	19	15	1.17	362	2.0	4.63	10.6	388	<20	<50	0.03	<1
D70356 (325107)		<1	0.86	13	16	1.19	278	1.6	4.64	12.3	373	<20	<50	0.04	2
D70357 (325108)		<1	1.72	11	15	1.13	269	1.2	4.25	10.7	372	<20	<50	0.04	<1
D70358 (325109)		<1	1.85	10	15	1.13	284	1.1	4.26	10.6	348	<20	<50	0.04	<1
D70359 (325110)		<1	1.59	15	13	0.97	285	1.7	4.03	9.4	358	<20	<50	0.05	<1
D70360 (325111)		<1	1.96	31	20	0.75	338	2.0	4.10	7.4	352	<20	<50	0.09	2

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ATTENTION TO: Craig Yuill, Christine Shultis

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 03, 2019

DATE RECEIVED: Jul 04, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D70289 (325040)	40	<10	<5	137	<10	<10	<5	1.10	<5	<50	403	<1	29	112
D70290 (325041)	42	<10	<5	132	<10	<10	<5	1.13	<5	<50	413	<1	35	151
D70291 (325042)	44	<10	<5	123	<10	<10	<5	1.12	<5	<50	420	<1	40	132
D70292 (325043)	<1	<10	<5	61	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	3.5
D70293 (325044)	46	<10	<5	132	<10	<10	<5	1.11	<5	<50	420	<1	41	126
D70294 (325045)	47	<10	<5	178	<10	<10	<5	0.96	<5	<50	312	<1	29	118
D70295 (325046)	44	<10	<5	205	<10	<10	<5	1.00	<5	<50	302	<1	26	110
D70296 (325047)	24	<10	<5	653	<10	<10	<5	2.16	<5	<50	291	<1	26	110
D70297 (325048)	44	<10	<5	139	<10	<10	<5	1.20	<5	<50	432	<1	41	134
D70298 (325049)	44	<10	<5	140	<10	<10	<5	1.18	<5	<50	431	<1	42	130
D70299 (325050)	43	<10	<5	133	<10	<10	<5	1.21	<5	<50	429	<1	42	135
D70300 (325051)	42	<10	<5	133	<10	<10	<5	1.19	<5	<50	410	<1	42	148
D70301 (325052)	42	<10	<5	130	<10	<10	<5	1.19	<5	<50	421	<1	41	115
D70302 (325053)	47	<10	<5	206	<10	<10	<5	1.14	<5	<50	405	<1	40	131
D70303 (325054)	25	<10	<5	739	<10	<10	<5	2.04	<5	<50	226	<1	27	126
D70304 (325055)	43	<10	<5	146	<10	<10	<5	1.19	<5	<50	428	<1	37	130
D70305 (325056)	44	<10	<5	136	<10	<10	<5	1.21	<5	<50	423	<1	41	134
D70306 (325057)	34	<10	<5	249	<10	<10	<5	0.90	<5	<50	240	<1	23	88.8
D70307 (325058)	45	<10	<5	131	<10	<10	<5	1.23	<5	<50	441	<1	43	141
D70308 (325059)	44	<10	<5	130	<10	<10	<5	1.19	<5	<50	426	<1	45	139
D70309 (325060)	43	<10	<5	146	<10	<10	<5	1.14	<5	<50	372	<1	42	150
D70310 (325061)	40	<10	<5	156	<10	<10	<5	1.18	<5	<50	403	<1	36	160
D70311 (325062)	43	<10	<5	146	<10	<10	<5	1.26	<5	<50	433	<1	44	157
D70312 (325063)	<1	<10	<5	66	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	5.6
D70313 (325064)	65	<10	<5	172	<10	<10	<5	0.89	<5	<50	458	<1	38	136
D70314 (325065)	41	<10	<5	137	<10	<10	<5	1.21	<5	<50	418	<1	44	136
D70315 (325066)	45	<10	<5	186	<10	<10	<5	1.14	<5	<50	388	<1	37	145
D70316 (325067)	43	<10	<5	243	<10	<10	<5	0.99	<5	<50	303	<1	27	120
D70317 (325068)	41	<10	<5	222	<10	<10	<5	0.82	<5	<50	278	<1	23	99.7
D70318 (325069)	41	<10	<5	232	<10	<10	<5	0.83	<5	<50	275	<1	23	98.5
D70319 (325070)	45	<10	<5	193	<10	<10	<5	1.16	<5	<50	379	<1	35	125
D70320 (325071)	43	<10	<5	131	<10	<10	<5	1.22	<5	<50	441	<1	41	131

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T488542

PROJECT: AGAT00678

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 03, 2019

DATE RECEIVED: Jul 04, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D70321 (325072)	44	<10	<5	145	<10	<10	<5	1.26	<5	<50	439	<1	45	133
D70322 (325073)	44	<10	<5	171	<10	<10	<5	1.20	<5	<50	435	<1	44	128
D70323 (325074)	45	<10	<5	140	<10	<10	<5	1.20	<5	<50	427	<1	45	130
D70324 (325075)	42	<10	<5	184	<10	<10	<5	1.06	<5	<50	337	<1	39	115
D70325 (325076)	21	<10	<5	444	<10	<10	<5	1.81	<5	<50	252	<1	20	85.4
D70326 (325077)	34	<10	<5	241	<10	<10	<5	0.87	<5	<50	239	<1	23	90.2
D70327 (325078)	43	<10	<5	129	<10	<10	<5	1.17	<5	<50	407	<1	41	122
D70328 (325079)	43	<10	<5	123	<10	<10	<5	1.16	<5	<50	426	<1	38	129
D70329 (325080)	43	<10	<5	127	<10	<10	<5	1.21	<5	<50	429	<1	42	136
D70330 (325081)	43	<10	<5	129	<10	<10	<5	1.22	<5	<50	423	<1	43	140
D70331 (325082)	43	<10	<5	129	<10	<10	<5	1.24	<5	<50	426	<1	44	145
D70332 (325083)	<1	<10	<5	73	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	3.5
D70333 (325084)	43	<10	<5	123	<10	<10	<5	1.23	<5	<50	427	<1	44	138
D70334 (325085)	55	<10	<5	155	<10	<10	<5	0.91	<5	<50	370	<1	37	129
D70335 (325086)	48	<10	<5	147	<10	<10	<5	1.13	<5	<50	415	<1	41	141
D70336 (325087)	42	<10	<5	142	<10	<10	<5	1.31	<5	<50	438	<1	44	140
D70337 (325088)	43	<10	<5	129	<10	<10	<5	1.22	<5	<50	438	<1	43	136
D70338 (325089)	44	<10	<5	132	<10	<10	<5	1.26	<5	<50	442	<1	44	138
D70339 (325090)	43	<10	<5	133	<10	<10	<5	1.24	<5	<50	427	<1	44	133
D70340 (325091)	42	<10	<5	137	<10	<10	<5	1.26	<5	<50	426	<1	44	129
D70341 (325092)	43	<10	<5	140	<10	<10	<5	1.27	<5	<50	438	<1	45	127
D70342 (325093)	42	<10	<5	134	<10	<10	<5	1.24	<5	<50	424	<1	44	113
D70343 (325094)	45	<10	<5	142	<10	<10	<5	1.27	<5	<50	447	<1	46	127
D70344 (325095)	43	<10	<5	133	<10	<10	<5	1.25	<5	<50	431	<1	45	120
D70345 (325096)	41	<10	<5	144	<10	<10	<5	1.20	<5	<50	416	<1	43	108
D70346 (325097)	46	<10	<5	113	<10	<10	<5	0.72	<5	<50	313	<1	24	81.3
D70347 (325098)	28	<10	<5	147	<10	<10	<5	0.83	<5	<50	278	<1	22	110
D70348 (325099)	9	<10	<5	142	<10	<10	<5	0.28	<5	<50	67.2	<1	8	24.0
D70349 (325100)	8	<10	<5	143	<10	<10	<5	0.26	<5	<50	56.5	<1	8	23.2
D70350 (325101)	12	<10	<5	195	<10	<10	<5	0.18	<5	<50	43.5	<1	9	16.3
D70351 (325102)	8	<10	<5	180	<10	<10	<5	0.16	<5	<50	35.8	<1	5	23.2
D70352 (325103)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	6.0

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T488542

PROJECT: AGAT00678

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 03, 2019

DATE RECEIVED: Jul 04, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D70353 (325104)	6	<10	<5	154	<10	<10	<5	0.14	<5	<50	34.3	<1	6	11.5
D70354 (325105)	9	<10	<5	202	<10	<10	<5	0.21	<5	<50	41.0	<1	9	16.0
D70355 (325106)	7	<10	<5	199	<10	<10	<5	0.19	<5	<50	38.7	<1	7	39.8
D70356 (325107)	6	<10	<5	240	<10	<10	<5	0.20	<5	<50	41.1	<1	5	58.3
D70357 (325108)	7	<10	<5	224	<10	<10	<5	0.21	<5	<50	40.5	<1	6	29.6
D70358 (325109)	6	<10	<5	222	<10	<10	<5	0.21	<5	<50	41.1	<1	5	28.7
D70359 (325110)	6	<10	<5	182	<10	<10	<5	0.18	<5	<50	36.2	<1	6	29.3
D70360 (325111)	12	<10	<5	176	<10	<10	<5	0.23	<5	<50	70.0	<1	11	34.3

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 03, 2019

DATE RECEIVED: Jul 04, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D70289 (325040)				109
D70290 (325041)				106
D70291 (325042)				106
D70292 (325043)				<5
D70293 (325044)				106
D70294 (325045)				90
D70295 (325046)				98
D70296 (325047)				194
D70297 (325048)				106
D70298 (325049)				113
D70299 (325050)				107
D70300 (325051)				107
D70301 (325052)				104
D70302 (325053)				108
D70303 (325054)				231
D70304 (325055)				98
D70305 (325056)				115
D70306 (325057)				88
D70307 (325058)				111
D70308 (325059)				119
D70309 (325060)				124
D70310 (325061)				111
D70311 (325062)				119
D70312 (325063)				<5
D70313 (325064)				91
D70314 (325065)				116
D70315 (325066)				104
D70316 (325067)				98
D70317 (325068)				84
D70318 (325069)				80
D70319 (325070)				107
D70320 (325071)				103

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 03, 2019      DATE RECEIVED: Jul 04, 2019      DATE REPORTED: Jul 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D70321 (325072)				115
D70322 (325073)				112
D70323 (325074)				116
D70324 (325075)				110
D70325 (325076)				99
D70326 (325077)				87
D70327 (325078)				114
D70328 (325079)				96
D70329 (325080)				108
D70330 (325081)				113
D70331 (325082)				116
D70332 (325083)				<5
D70333 (325084)				115
D70334 (325085)				96
D70335 (325086)				105
D70336 (325087)				119
D70337 (325088)				114
D70338 (325089)				117
D70339 (325090)				126
D70340 (325091)				121
D70341 (325092)				127
D70342 (325093)				128
D70343 (325094)				130
D70344 (325095)				125
D70345 (325096)				129
D70346 (325097)				48
D70347 (325098)				102
D70348 (325099)				37
D70349 (325100)				26
D70350 (325101)				23
D70351 (325102)				20
D70352 (325103)				<5

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T488542

PROJECT: AGAT00678

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 03, 2019

DATE RECEIVED: Jul 04, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
Sample ID (AGAT ID)	RDL:
	5
D70353 (325104)	36
D70354 (325105)	42
D70355 (325106)	33
D70356 (325107)	16
D70357 (325108)	17
D70358 (325109)	17
D70359 (325110)	38
D70360 (325111)	103

Comments: RDL - Reported Detection Limit

325040-325111 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

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PROJECT: AGAT00678

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 03, 2019

DATE RECEIVED: Jul 04, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D70289 (325040)			0.004
D70290 (325041)			0.006
D70291 (325042)			0.008
D70292 (325043)			0.002
D70293 (325044)			0.004
D70294 (325045)			0.004
D70295 (325046)			0.011
D70296 (325047)			0.002
D70297 (325048)			0.004
D70298 (325049)			0.004
D70299 (325050)			0.004
D70300 (325051)			0.003
D70301 (325052)			0.005
D70302 (325053)			0.008
D70303 (325054)			0.004
D70304 (325055)			0.005
D70305 (325056)			0.002
D70306 (325057)			0.321
D70307 (325058)			0.009
D70308 (325059)			0.002
D70309 (325060)			0.012
D70310 (325061)			0.002
D70311 (325062)			0.002
D70312 (325063)			0.001
D70313 (325064)			0.002
D70314 (325065)			0.008
D70315 (325066)			0.239
D70316 (325067)			0.020
D70317 (325068)			0.006
D70318 (325069)			0.136
D70319 (325070)			0.007
D70320 (325071)			0.004

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T488542

PROJECT: AGAT00678

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 03, 2019

DATE RECEIVED: Jul 04, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D70321 (325072)			0.004
D70322 (325073)			0.006
D70323 (325074)			0.005
D70324 (325075)			0.006
D70325 (325076)			0.001
D70326 (325077)			0.339
D70327 (325078)			0.003
D70328 (325079)			0.004
D70329 (325080)			0.003
D70330 (325081)			0.003
D70331 (325082)			0.002
D70332 (325083)			<0.001
D70333 (325084)			0.017
D70334 (325085)			0.006
D70335 (325086)			0.003
D70336 (325087)			0.002
D70337 (325088)			0.005
D70338 (325089)			0.003
D70339 (325090)			0.001
D70340 (325091)			0.001
D70341 (325092)			0.002
D70342 (325093)			0.003
D70343 (325094)			0.004
D70344 (325095)			0.002
D70345 (325096)			0.016
D70346 (325097)			0.522
D70347 (325098)			0.002
D70348 (325099)			0.003
D70349 (325100)			0.002
D70350 (325101)			0.037
D70351 (325102)			0.001
D70352 (325103)			<0.001

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T488542

PROJECT: AGAT00678

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 03, 2019

DATE RECEIVED: Jul 04, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D70353 (325104)			0.001
D70354 (325105)			0.004
D70355 (325106)			0.001
D70356 (325107)			0.001
D70357 (325108)			0.001
D70358 (325109)			0.001
D70359 (325110)			0.002
D70360 (325111)			0.002

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T488542

PROJECT: AGAT00678

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 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 03, 2019      DATE RECEIVED: Jul 04, 2019      DATE REPORTED: Jul 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D70289 (325040)		90.03
D70308 (325059)		77.09
D70328 (325079)		85.76
D70348 (325099)		84.56
D70349 (325100)		83.46

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T488542

PROJECT: AGAT00678

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 03, 2019

DATE RECEIVED: Jul 04, 2019

DATE REPORTED: Jul 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D70289 (325040)		86.90
D70324 (325075)		85.27

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	325040	< 0.5	< 0.5	0.0%	325054	< 0.5	< 0.5	0.0%	325065	< 0.5	< 0.5	0.0%	325079	< 0.5	< 0.5	0.0%
Al	325040	6.05	6.13	1.3%	325054	3.24	3.24	0.0%	325065	6.33	6.36	0.5%	325079	6.37	6.71	5.2%
As	325040	< 1	< 1	0.0%	325054	< 1	< 1	0.0%	325065	< 1	< 1	0.0%	325079	< 1	< 1	0.0%
Ba	325040	282	285	1.1%	325054	1410	1400	0.7%	325065	213	214	0.5%	325079	321	334	4.0%
Be	325040	0.9	0.9	0.0%	325054	1.74	1.77	1.7%	325065	1.2	2.0		325079	0.92	0.95	3.2%
Bi	325040	< 1	< 1	0.0%	325054	< 1	< 1	0.0%	325065	< 1	< 1	0.0%	325079	< 1	< 1	0.0%
Ca	325040	5.43	5.45	0.4%	325054	7.80	7.76	0.5%	325065	5.79	6.09	5.1%	325079	5.78	6.04	4.4%
Cd	325040	< 0.5	< 0.5	0.0%	325054	< 0.5	< 0.5	0.0%	325065	< 0.5	< 0.5	0.0%	325079	< 0.5	< 0.5	0.0%
Ce	325040	29	30	3.4%	325054	196	199	1.5%	325065	30	30	0.0%	325079	24	26	8.0%
Co	325040	39.9	41.3	3.4%	325054	52.8	53.3	0.9%	325065	39.4	38.8	1.5%	325079	39.0	40.5	3.8%
Cr	325040	75.8	70.9	6.7%	325054	605	601	0.7%	325065	69.1	59.2	15.4%	325079	58.4	62.6	6.9%
Cu	325040	176	177	0.6%	325054	101	101	0.0%	325065	160	159	0.6%	325079	151	156	3.3%
Fe	325040	10.8	10.8	0.0%	325054	8.00	7.98	0.3%	325065	11.2	11.3	0.9%	325079	11.0	11.5	4.4%
Ga	325040	36	34	5.7%	325054	26	25	3.9%	325065	37	40	7.8%	325079	40	42	4.9%
In	325040	< 1	< 1	0.0%	325054	< 1	< 1	0.0%	325065	< 1	< 1	0.0%	325079	< 1	< 1	0.0%
K	325040	0.93	0.94	1.1%	325054	1.98	1.97	0.5%	325065	0.765	0.793	3.6%	325079	0.839	0.877	4.4%
La	325040	14	15	6.9%	325054	96	98	2.1%	325065	14	14	0.0%	325079	12	13	8.0%
Li	325040	8	8	0.0%	325054	28	28	0.0%	325065	9	9	0.0%	325079	10	11	9.5%
Mg	325040	2.66	2.71	1.9%	325054	11.3	11.2	0.9%	325065	2.79	2.82	1.1%	325079	3.03	3.18	4.8%
Mn	325040	1790	1790	0.0%	325054	1580	1580	0.0%	325065	1790	1820	1.7%	325079	1760	1840	4.4%
Mo	325040	3.6	3.5	2.8%	325054	2.00	2.06	3.0%	325065	3.2	2.2		325079	2.19	2.35	7.0%
Na	325040	1.62	1.62	0.0%	325054	0.36	0.36	0.0%	325065	1.93	1.96	1.5%	325079	1.79	1.88	4.9%
Ni	325040	43.4	44.7	3.0%	325054	469	473	0.8%	325065	44.7	44.5	0.4%	325079	49.0	52.3	6.5%
P	325040	1030	1030	0.0%	325054	2890	2830	2.1%	325065	1040	1040	0.0%	325079	929	974	4.7%
Pb	325040	< 20	< 20	0.0%	325054	< 20	< 20	0.0%	325065	< 20	< 20	0.0%	325079	< 20	< 20	0.0%
Rb	325040	< 50	< 50	0.0%	325054	< 50	< 50	0.0%	325065	< 50	< 50	0.0%	325079	< 50	< 50	0.0%
S	325040	0.16	0.16	0.0%	325054	0.128	0.123	4.0%	325065	0.19	0.19	0.0%	325079	0.16	0.16	0.0%
Sb	325040	< 1	1		325054	< 1	2		325065	1	< 1		325079	2	< 1	
Sc	325040	40	40	0.0%	325054	25	25	0.0%	325065	41	42	2.4%	325079	43	46	6.7%
Se	325040	< 10	< 10	0.0%	325054	< 10	< 10	0.0%	325065	< 10	< 10	0.0%	325079	< 10	< 10	0.0%
Sn	325040	< 5	< 5	0.0%	325054	< 5	< 5	0.0%	325065	< 5	< 5	0.0%	325079	< 5	< 5	0.0%





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

Sr	325040	137	136	0.7%	325054	739	727	1.6%	325065	137	142	3.6%	325079	123	129	4.8%
Ta	325040	< 10	< 10	0.0%	325054	< 10	< 10	0.0%	325065	< 10	< 10	0.0%	325079	< 10	< 10	0.0%
Te	325040	< 10	< 10	0.0%	325054	< 10	< 10	0.0%	325065	< 10	< 10	0.0%	325079	< 10	< 10	0.0%
Th	325040	< 5	< 5	0.0%	325054	< 5	< 5	0.0%	325065	< 5	< 5	0.0%	325079	< 5	< 5	0.0%
Ti	325040	1.10	1.11	0.9%	325054	2.04	2.00	2.0%	325065	1.21	1.21	0.0%	325079	1.16	1.23	5.9%
Tl	325040	< 5	< 5	0.0%	325054	< 5	< 5	0.0%	325065	< 5	< 5	0.0%	325079	< 5	< 5	0.0%
U	325040	< 50	< 50	0.0%	325054	< 50	< 50	0.0%	325065	< 50	< 50	0.0%	325079	< 50	< 50	0.0%
V	325040	403	412	2.2%	325054	226	222	1.8%	325065	418	423	1.2%	325079	426	455	6.6%
W	325040	< 1	< 1	0.0%	325054	< 1	< 1	0.0%	325065	< 1	< 1	0.0%	325079	< 1	< 1	0.0%
Y	325040	29	30	3.4%	325054	27	27	0.0%	325065	44	45	2.2%	325079	38	41	7.6%
Zn	325040	112	113	0.9%	325054	126	128	1.6%	325065	136	135	0.7%	325079	129	134	3.8%
Zr	325040	109	111	1.8%	325054	231	211	9.0%	325065	116	119	2.6%	325079	96	102	6.1%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	325090	< 0.5	< 0.5	0.0%	325104	< 0.5	< 0.5	0.0%								
Al	325090	6.54	6.67	2.0%	325104	7.65	7.78	1.7%								
As	325090	< 1	< 1	0.0%	325104	< 1	< 1	0.0%								
Ba	325090	309	310	0.3%	325104	205	207	1.0%								
Be	325090	1.01	1.05	3.9%	325104	1.0	1.0	0.0%								
Bi	325090	< 1	< 1	0.0%	325104	< 1	< 1	0.0%								
Ca	325090	5.78	5.88	1.7%	325104	1.82	1.83	0.5%								
Cd	325090	< 0.5	< 0.5	0.0%	325104	< 0.5	< 0.5	0.0%								
Ce	325090	31	28	10.2%	325104	22	22	0.0%								
Co	325090	38.6	40.2	4.1%	325104	4.41	4.49	1.8%								
Cr	325090	50.7	49.7	2.0%	325104	15.6	15.3	1.9%								
Cu	325090	167	165	1.2%	325104	< 0.5	0.7									
Fe	325090	11.5	11.0	4.4%	325104	1.84	1.86	1.1%								
Ga	325090	39	38	2.6%	325104	15	15	0.0%								
In	325090	< 1	< 1	0.0%	325104	< 1	< 1	0.0%								
K	325090	0.912	0.928	1.7%	325104	1.37	1.40	2.2%								
La	325090	14	15	6.9%	325104	11	11	0.0%								
Li	325090	12	11	8.7%	325104	4	4	0.0%								
Mg	325090	2.87	2.88	0.3%	325104	0.98	0.99	1.0%								
Mn	325090	1830	1760	3.9%	325104	275	278	1.1%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

Mo	325090	2.4	1.7		325104	1.5	1.5	0.0%								
Na	325090	1.83	1.81	1.1%	325104	4.28	4.41	3.0%								
Ni	325090	44.8	45.6	1.8%	325104	10.1	10.3	2.0%								
P	325090	1030	1170	12.7%	325104	371	375	1.1%								
Pb	325090	< 20	< 20	0.0%	325104	< 20	< 20	0.0%								
Rb	325090	< 50	< 50	0.0%	325104	< 50	< 50	0.0%								
S	325090	0.19	0.19	0.0%	325104	0.01	0.01	0.0%								
Sb	325090	1	< 1		325104	< 1	< 1	0.0%								
Sc	325090	43	42	2.4%	325104	6	6	0.0%								
Se	325090	< 10	< 10	0.0%	325104	< 10	< 10	0.0%								
Sn	325090	< 5	< 5	0.0%	325104	< 5	< 5	0.0%								
Sr	325090	133	128	3.8%	325104	154	157	1.9%								
Ta	325090	< 10	< 10	0.0%	325104	< 10	< 10	0.0%								
Te	325090	< 10	< 10	0.0%	325104	< 10	< 10	0.0%								
Th	325090	< 5	< 5	0.0%	325104	< 5	< 5	0.0%								
Ti	325090	1.24	1.20	3.3%	325104	0.144	0.146	1.4%								
Tl	325090	< 5	< 5	0.0%	325104	< 5	< 5	0.0%								
U	325090	< 50	< 50	0.0%	325104	< 50	< 50	0.0%								
V	325090	427	420	1.7%	325104	34.3	35.3	2.9%								
W	325090	< 1	< 1	0.0%	325104	< 1	< 1	0.0%								
Y	325090	44	43	2.3%	325104	6	6	0.0%								
Zn	325090	133	135	1.5%	325104	11.5	15.4	29.0%								
Zr	325090	126	125	0.8%	325104	36	39	8.0%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	325040	0.004	0.008		325054	0.004	0.012		325065	0.0082	0.0091	10.4%	325079	0.004	0.003	28.6%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	325090	0.001	0.003		325104	0.0012	0.0016	28.6%								

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.3	94%	90% - 110%	8.17	8.27	101%	90% - 110%	6.96	6.95	100%	90% - 110%	10.95	10.86	99%	90% - 110%
As					26	24	92%	90% - 110%	124	126	101%	90% - 110%				
Ba	340	316	93%	90% - 110%	540	520	96%	90% - 110%	186	179	96%	90% - 110%	340	321	94%	90% - 110%
Be	2.6	2.7	103%	90% - 110%	4.0	3.3	82%	90% - 110%					2.6	2.7	103%	90% - 110%
Ca	5.72	5.31	93%	90% - 110%	0.907	0.892	98%	90% - 110%	4.01	3.84	96%	90% - 110%	5.72	5.27	92%	90% - 110%
Ce	122	113	93%	90% - 110%	98	98	100%	90% - 110%	24	22	91%	90% - 110%	122	126	103%	90% - 110%
Co									22.1	20.2	91%	90% - 110%				
Cr					60.3	61.9	103%	90% - 110%								
Cu					150	149	99%	90% - 110%	88.6	85.1	96%	90% - 110%				
Fe	4.34	3.96	91%	90% - 110%	3.77	3.65	97%	90% - 110%	7.56	7.4	98%	90% - 110%	4.34	4	92%	90% - 110%
Ga	35	34	97%	90% - 110%									35	36	102%	90% - 110%
K	1.37	1.41	103%	90% - 110%					2.021	2.06	102%	90% - 110%	1.37	1.42	104%	90% - 110%
La	58	53	92%	90% - 110%	44	43	98%	90% - 110%					58	56	97%	90% - 110%
Li	37	38	103%	90% - 110%	47	49	104%	90% - 110%					37	40	107%	90% - 110%
Mg	0.325	0.293	90%	90% - 110%	1.10	1.07	98%	90% - 110%	2.412	2.384	99%	90% - 110%	0.325	0.298	92%	90% - 110%
Mn					780	765	98%	90% - 110%	1510	1499	99%	90% - 110%				
Mo					14	14	103%	90% - 110%								
Na	5.267	5.312	101%	90% - 110%	1.624	1.74	107%	90% - 110%	0.617	0.637	103%	90% - 110%	5.267	5.453	104%	90% - 110%
Ni					32	32	100%	90% - 110%	77.1	71.5	93%	90% - 110%	9	7	80%	90% - 110%
P					750	725	97%	90% - 110%	892	866	97%	90% - 110%				
Pb					31	28	89%	90% - 110%								
S									0.348	0.348	100%	90% - 110%				
Sc	1.1	1.1	96%	90% - 110%	12	13	105%	90% - 110%					1.1	1.1	101%	90% - 110%
Sr	1191	1114	94%	90% - 110%	144	150	104%	90% - 110%	92.8	87.6	94%	90% - 110%	1191	1139	96%	90% - 110%
Ti	0.172	0.169	98%	90% - 110%	0.53	0.494	93%	90% - 110%					0.172	0.173	100%	90% - 110%
V	8	8	99%	90% - 110%	77	81	105%	90% - 110%					8	8	106%	90% - 110%
Y	119	124	104%	90% - 110%									119	130	109%	90% - 110%
Zn	93	90	97%	90% - 110%	130	123	95%	90% - 110%	208	214	103%	90% - 110%	93	93	100%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP7M)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits



**AGAT** Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 19T488542

PROJECT: AGAT00678

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

Au	5.27	5.21	99%	90% - 110%	6.87	7.1	103%	90% - 110%	0.725	0.728	100%	90% - 110%	0.562	0.511	91%	90% - 110%
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## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00678  
 SAMPLING SITE:

AGAT WORK ORDER: 19T488542  
 ATTENTION TO: Craig Yuill, Christine Shultis  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill; Christine Shultis

PROJECT: AGAT00679

AGAT WORK ORDER: 19T489789

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jul 18, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T489789

PROJECT: AGAT00679

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill; Christine Shultis

### (200-) Sample Login Weight

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D62647 (332445)		1.33
D62648 (332446)		2.78
D62649 (332447)		2.03
D62650 (332448)		2.86
D62651 (332449)		1.15
D62652 (332450)		0.55
D62653 (332451)		0.77
D62654 (332452)		2.74
D62655 (332453)		2.19
D62656 (332454)		2.67
D62657 (332455)		0.59
D62658 (332456)		0.59
D62659 (332457)		2.84
D62660 (332458)		2.28
D62661 (332459)		2.48
D62662 (332460)		1.16
D62663 (332461)		1.03
D62664 (332462)		0.88
D62665 (332463)		0.65
D62666 (332464)		0.07
D62667 (332465)		1.28
D62668 (332466)		1.14
D62669 (332467)		2.45
D62670 (332468)		1.48
D62671 (332469)		1.71
D62672 (332470)		0.62
D62673 (332471)		1.45
D62674 (332472)		1.29
D62675 (332473)		1.85
D62676 (332474)		1.29
D62677 (332475)		1.77

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T489789

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill; Christine Shultis

### (200-) Sample Login Weight

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D62678 (332476)		1.77
D62679 (332477)		2.15
D62680 (332478)		2.17
D62681 (332479)		2.73
D62682 (332480)		0.96
D62683 (332481)		2.87
D62684 (332482)		1.97
D62685 (332483)		1.43
D62686 (332484)		0.07
D62687 (332485)		1.32
D62688 (332486)		1.68
D62689 (332487)		3.00
D62690 (332488)		2.31
D62691 (332489)		3.01
D62692 (332490)		0.58
D62693 (332491)		1.17
D62694 (332492)		1.65
D62695 (332493)		1.40
D62696 (332494)		1.77
D62697 (332495)		1.62
D62698 (332496)		1.62
D62699 (332497)		3.16
D62700 (332498)		1.13
D62701 (332499)		2.03
D62702 (332500)		2.24
D62703 (332501)		2.21
D62704 (332502)		1.12
D62705 (332503)		1.83
D62706 (332504)		0.07
D62707 (332505)		2.03
D62708 (332506)		1.49

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T489789

PROJECT: AGAT00679

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill; Christine Shultis

### (200-) Sample Login Weight

DATE SAMPLED: Jul 07, 2019      DATE RECEIVED: Jul 08, 2019      DATE REPORTED: Jul 18, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D62709 (332507)		1.95
D62710 (332508)		3.26
D62711 (332509)		1.96
D62712 (332510)		0.58
D62713 (332511)		1.15
D62714 (332512)		0.83
D62715 (332513)		2.08
D62716 (332514)		2.52
D62717 (332515)		2.07
D62718 (332516)		2.07

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T489789

PROJECT: AGAT00679

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill; Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 07, 2019	DATE RECEIVED: Jul 08, 2019					DATE REPORTED: Jul 18, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D62647 (332445)	<0.5	8.06	<1	318	0.8	<1	2.07	<0.5	41	7.3	118	<0.5	3.14	18	
D62648 (332446)	<0.5	7.60	<1	254	1.0	<1	2.32	<0.5	9	1.8	108	5.5	0.95	12	
D62649 (332447)	<0.5	8.09	<1	479	1.1	<1	1.35	<0.5	60	14.8	137	5.5	4.04	20	
D62650 (332448)	<0.5	3.04	2	261	4.3	<1	7.02	<0.5	87	50.1	479	80.5	7.81	23	
D62651 (332449)	<0.5	7.61	<1	663	2.7	<1	1.72	<0.5	56	8.7	183	6.3	2.89	17	
D62652 (332450)	<0.5	0.07	<1	12	<0.5	<1	32.4	<0.5	1	0.5	5.6	<0.5	0.09	<5	
D62653 (332451)	<0.5	7.04	<1	683	1.2	<1	2.40	<0.5	39	20.2	150	26.9	5.49	22	
D62654 (332452)	<0.5	7.06	1	315	0.8	<1	1.31	<0.5	22	3.5	129	11.9	2.10	16	
D62655 (332453)	<0.5	7.84	<1	377	0.7	<1	1.18	<0.5	66	7.7	139	34.7	3.25	19	
D62656 (332454)	<0.5	8.01	<1	374	1.5	<1	1.34	<0.5	45	6.2	122	12.1	2.86	18	
D62657 (332455)	<0.5	8.24	<1	198	0.8	<1	1.66	<0.5	22	5.3	128	<0.5	2.66	18	
D62658 (332456)	<0.5	8.12	<1	196	0.9	<1	1.62	<0.5	22	5.6	135	<0.5	2.65	19	
D62659 (332457)	<0.5	8.26	<1	376	0.7	<1	1.38	<0.5	61	8.7	129	14.6	3.19	18	
D62660 (332458)	<0.5	8.25	<1	501	0.9	<1	1.57	<0.5	68	9.0	129	49.6	3.06	18	
D62661 (332459)	<0.5	8.37	<1	385	1.2	<1	1.60	<0.5	67	9.3	109	24.3	3.23	17	
D62662 (332460)	<0.5	8.60	<1	267	1.0	<1	1.71	<0.5	78	9.5	102	39.3	3.88	19	
D62663 (332461)	<0.5	7.26	2	120	1.1	<1	1.72	<0.5	57	2.9	121	9.9	1.60	15	
D62664 (332462)	<0.5	8.01	<1	330	0.9	<1	1.41	<0.5	53	8.4	137	15.2	4.37	22	
D62665 (332463)	<0.5	7.43	<1	179	1.1	<1	1.80	<0.5	17	2.2	137	2.6	1.41	14	
D62666 (332464)	<0.5	7.43	<1	142	<0.5	<1	6.72	<0.5	5	40.6	161	152	8.11	27	
D62667 (332465)	<0.5	8.32	<1	485	0.8	<1	1.41	<0.5	79	9.5	107	5.7	2.90	18	
D62668 (332466)	<0.5	6.93	<1	153	0.9	<1	1.56	<0.5	12	1.3	117	1.2	1.00	12	
D62669 (332467)	<0.5	8.33	2	317	1.0	<1	1.55	<0.5	39	5.4	113	23.5	2.32	16	
D62670 (332468)	<0.5	8.38	<1	398	1.0	<1	1.43	<0.5	30	5.8	97.5	16.6	2.26	16	
D62671 (332469)	<0.5	7.45	<1	260	2.4	<1	1.66	<0.5	18	2.3	111	2.5	1.21	14	
D62672 (332470)	<0.5	0.16	<1	18	<0.5	<1	31.1	<0.5	1	0.8	5.0	<0.5	0.10	<5	
D62673 (332471)	<0.5	3.72	<1	461	4.0	<1	6.52	<0.5	79	57.8	486	110	9.45	33	
D62674 (332472)	<0.5	8.32	<1	416	1.8	<1	1.64	<0.5	34	6.7	115	18.4	2.37	17	
D62675 (332473)	<0.5	8.18	<1	315	1.1	<1	1.54	<0.5	29	5.6	105	3.9	2.42	16	
D62676 (332474)	<0.5	7.29	<1	363	0.6	<1	1.16	<0.5	7	1.3	107	1.3	1.48	14	
D62677 (332475)	<0.5	8.34	<1	390	0.8	<1	1.32	<0.5	53	8.1	111	2.0	2.88	17	
D62678 (332476)	<0.5	8.21	<1	374	0.8	<1	1.29	<0.5	49	8.2	92.0	1.6	2.80	18	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T489789

PROJECT: AGAT00679

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill; Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D62679 (332477)		<0.5	8.43	<1	381	0.7	<1	1.30	<0.5	36	6.3	85.1	0.8	2.36	18
D62680 (332478)		<0.5	8.44	<1	385	0.7	<1	1.31	<0.5	30	7.2	89.2	<0.5	2.29	17
D62681 (332479)		<0.5	7.93	<1	363	1.6	<1	1.60	<0.5	48	6.6	103	1.5	2.72	18
D62682 (332480)		<0.5	4.85	<1	812	4.9	<1	9.54	<0.5	107	33.0	103	139	7.24	29
D62683 (332481)		<0.5	7.82	7	545	3.0	<1	1.97	<0.5	43	5.6	101	<0.5	2.46	15
D62684 (332482)		<0.5	8.25	<1	431	1.2	<1	1.44	<0.5	40	7.2	104	4.1	2.54	17
D62685 (332483)		<0.5	8.16	<1	466	0.9	<1	1.22	<0.5	43	7.4	105	25.2	2.89	17
D62686 (332484)		<0.5	7.77	<1	191	0.6	<1	6.49	<0.5	16	39.0	189	107	8.02	28
D62687 (332485)		<0.5	7.99	<1	170	1.0	<1	1.52	<0.5	72	5.4	154	3.0	3.88	23
D62688 (332486)		<0.5	7.39	<1	115	1.2	<1	1.72	<0.5	30	3.3	133	5.6	2.43	17
D62689 (332487)		<0.5	8.47	<1	337	0.9	<1	1.73	<0.5	40	5.7	145	10.7	2.29	17
D62690 (332488)		<0.5	8.70	<1	379	0.9	<1	1.91	<0.5	30	6.5	117	10.0	2.34	17
D62691 (332489)		<0.5	8.21	<1	436	1.0	<1	2.48	<0.5	41	6.3	134	26.7	2.17	17
D62692 (332490)		<0.5	0.07	2	20	<0.5	<1	32.1	<0.5	1	<0.5	11.2	<0.5	0.10	<5
D62693 (332491)		<0.5	7.63	1	598	1.9	<1	2.19	<0.5	47	7.8	148	2.3	2.72	16
D62694 (332492)		<0.5	2.83	<1	984	4.3	<1	10.0	<0.5	260	57.6	405	95.7	10.7	34
D62695 (332493)		<0.5	6.48	10	354	1.5	<1	5.14	<0.5	129	22.2	172	32.3	3.86	18
D62696 (332494)		<0.5	7.71	<1	269	2.0	<1	1.52	<0.5	47	6.8	124	<0.5	2.97	18
D62697 (332495)		<0.5	6.97	<1	243	1.0	<1	1.30	<0.5	20	2.6	128	1.9	1.55	13
D62698 (332496)		<0.5	6.82	1	238	1.0	<1	1.37	<0.5	18	3.1	81.4	4.7	1.64	14
D62699 (332497)		<0.5	7.97	1	424	0.8	<1	1.27	<0.5	58	7.4	85.7	10.9	2.97	18
D62700 (332498)		<0.5	7.50	<1	553	0.5	<1	0.81	<0.5	5	0.9	86.9	0.5	1.30	12
D62701 (332499)		<0.5	7.24	<1	188	0.8	<1	1.38	<0.5	46	4.5	118	<0.5	2.44	17
D62702 (332500)		<0.5	7.71	<1	317	0.6	<1	1.25	<0.5	60	7.5	106	17.3	2.77	16
D62703 (332501)		<0.5	8.32	<1	398	0.7	<1	1.34	<0.5	75	9.3	110	16.2	3.21	16
D62704 (332502)		<0.5	8.64	<1	422	0.7	<1	1.23	<0.5	55	8.5	86.5	<0.5	3.33	19
D62705 (332503)		<0.5	7.02	1	149	0.9	<1	1.50	<0.5	10	1.1	76.3	0.8	0.98	13
D62706 (332504)		<0.5	7.62	<1	186	0.6	<1	6.43	<0.5	16	37.9	182	103	7.90	27
D62707 (332505)		<0.5	7.24	<1	185	0.9	<1	1.46	<0.5	7	1.8	89.1	4.0	1.72	15
D62708 (332506)		<0.5	7.69	<1	292	0.8	<1	1.27	<0.5	38	6.1	108	3.2	3.64	20
D62709 (332507)		<0.5	8.01	<1	438	1.2	<1	1.79	<0.5	74	10.3	139	11.8	3.33	18
D62710 (332508)		<0.5	3.56	<1	745	2.4	<1	7.73	<0.5	111	64.0	690	90.9	8.50	24

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T489789

PROJECT: AGAT00679

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill; Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 07, 2019	DATE RECEIVED: Jul 08, 2019							DATE REPORTED: Jul 18, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D62711 (332509)	<0.5	7.75	<1	268	2.3	<1	1.64	<0.5	70	5.9	135	5.5	3.00	18	
D62712 (332510)	<0.5	0.07	2	13	<0.5	<1	32.5	<0.5	1	<0.5	5.8	<0.5	0.10	<5	
D62713 (332511)	<0.5	6.86	<1	173	1.1	<1	1.31	<0.5	21	2.8	108	0.7	1.98	14	
D62714 (332512)	<0.5	3.64	<1	91	2.9	<1	8.75	<0.5	66	50.5	336	66.8	6.75	22	
D62715 (332513)	<0.5	7.44	1	412	0.8	<1	1.15	<0.5	14	1.7	72.4	3.0	0.79	10	
D62716 (332514)	<0.5	6.94	<1	418	0.8	<1	0.78	<0.5	32	1.6	79.1	1.4	1.14	12	
D62717 (332515)	<0.5	8.40	<1	383	1.0	<1	3.49	<0.5	31	8.2	99.7	0.7	2.62	16	
D62718 (332516)	<0.5	8.26	<1	378	1.0	<1	3.41	<0.5	32	8.3	107	0.8	2.60	16	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T489789

PROJECT: AGAT00679

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill; Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D62647 (332445)		<1	3.32	21	23	1.19	386	11.5	2.89	10.4	544	<20	<50	0.01	1
D62648 (332446)		<1	2.38	4	5	0.25	95	14.1	3.32	5.4	51	<20	<50	0.02	<1
D62649 (332447)		<1	3.85	29	40	2.28	575	11.4	2.95	28.7	885	<20	60	0.03	<1
D62650 (332448)		<1	2.22	44	87	7.40	1240	5.3	1.86	373	1980	<20	<50	0.11	4
D62651 (332449)		<1	1.75	27	39	1.53	397	12.0	4.21	26.6	871	<20	<50	0.03	3
D62652 (332450)		<1	0.01	2	<1	2.67	124	<0.5	0.05	<0.5	87	<20	<50	0.02	<1
D62653 (332451)		<1	2.93	19	29	2.52	751	9.8	3.29	52.1	2000	<20	<50	0.11	3
D62654 (332452)		<1	2.67	11	14	0.74	256	17.1	2.79	6.8	114	<20	<50	0.04	1
D62655 (332453)		<1	3.71	32	26	1.61	445	14.4	2.79	12.3	341	<20	52	0.10	<1
D62656 (332454)		<1	3.46	22	23	1.08	377	12.4	3.06	11.8	337	<20	<50	0.04	<1
D62657 (332455)		<1	2.17	12	16	0.84	318	12.1	3.63	10.5	248	<20	<50	0.01	<1
D62658 (332456)		<1	2.18	12	16	0.83	319	12.2	3.54	11.5	264	<20	<50	0.01	<1
D62659 (332457)		<1	3.66	29	25	1.46	467	11.1	3.06	12.5	751	<20	52	0.05	1
D62660 (332458)		<1	3.16	33	23	1.36	504	11.2	3.07	13.5	1010	<20	<50	0.12	1
D62661 (332459)		<1	2.97	32	31	1.48	488	9.9	3.23	15.4	1010	<20	<50	0.06	<1
D62662 (332460)		<1	2.92	37	31	1.46	472	9.6	3.37	14.3	1070	<20	<50	0.10	1
D62663 (332461)		<1	1.00	30	8	0.40	168	15.6	3.66	7.0	216	<20	<50	0.03	2
D62664 (332462)		<1	3.32	26	28	1.46	463	11.5	2.87	13.0	898	<20	52	0.06	2
D62665 (332463)		<1	1.11	9	7	0.37	152	15.9	3.70	6.0	271	<20	<50	0.02	1
D62666 (332464)		<1	0.20	3	12	4.24	1400	1.7	2.33	88.4	435	<20	<50	0.16	3
D62667 (332465)		<1	3.79	39	28	1.31	403	16.2	2.90	12.6	727	<20	52	0.03	1
D62668 (332466)		<1	1.50	6	8	0.20	94	16.4	3.21	4.9	59	<20	<50	<0.01	<1
D62669 (332467)		<1	3.21	19	20	1.01	286	12.3	3.28	8.5	484	<20	<50	0.07	<1
D62670 (332468)		<1	3.78	15	24	0.89	273	11.2	3.14	7.7	477	<20	<50	0.05	1
D62671 (332469)		<1	1.82	8	14	0.36	109	13.2	3.73	9.3	169	<20	<50	0.01	<1
D62672 (332470)		<1	0.02	2	1	2.25	120	0.5	0.10	0.7	81	<20	<50	0.02	<1
D62673 (332471)		<1	2.71	40	24	8.06	1400	5.0	1.80	438	1950	<20	<50	0.23	3
D62674 (332472)		<1	2.47	17	29	1.28	282	10.2	4.15	11.2	650	<20	<50	0.04	2
D62675 (332473)		<1	3.29	15	22	1.01	281	10.8	3.17	7.5	503	<20	<50	0.05	<1
D62676 (332474)		<1	3.65	4	10	0.26	124	16.1	2.62	4.3	54	<20	<50	0.01	1
D62677 (332475)		<1	4.08	25	36	1.68	339	10.8	2.90	12.7	774	<20	61	0.02	2
D62678 (332476)		<1	3.96	24	35	1.60	329	9.6	2.86	12.4	742	<20	59	0.02	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T489789

PROJECT: AGAT00679

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill; Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D62679 (332477)		<1	3.99	18	28	1.37	331	10.2	3.05	7.5	512	<20	51	0.01	2
D62680 (332478)		<1	4.22	15	30	1.44	286	9.9	3.02	8.1	604	<20	53	<0.01	<1
D62681 (332479)		<1	3.74	23	27	1.29	353	8.0	3.18	7.2	605	<20	<50	0.03	<1
D62682 (332480)		<1	2.88	61	20	4.56	1310	12.3	2.41	77.0	3460	<20	<50	0.29	<1
D62683 (332481)		<1	4.38	23	44	1.43	434	11.2	3.92	9.2	193	<20	<50	0.02	2
D62684 (332482)		<1	4.36	21	31	1.14	395	11.0	3.12	8.6	543	30	<50	0.05	<1
D62685 (332483)		<1	4.24	20	30	1.25	451	11.0	2.98	9.3	516	25	<50	0.08	<1
D62686 (332484)		<1	0.46	9	11	4.27	1370	2.1	2.45	109	928	<20	<50	0.10	2
D62687 (332485)		<1	2.16	36	29	0.99	453	14.1	3.47	8.8	207	22	<50	0.03	2
D62688 (332486)		<1	1.34	16	13	0.57	254	15.1	3.57	5.2	282	<20	<50	0.03	1
D62689 (332487)		<1	2.28	20	17	0.83	296	13.4	3.78	7.6	523	25	<50	0.04	1
D62690 (332488)		<1	2.04	15	23	0.90	301	12.0	3.87	7.9	578	<20	<50	0.06	2
D62691 (332489)		<1	1.34	19	18	0.91	285	13.1	3.48	9.0	575	<20	<50	0.15	1
D62692 (332490)		<1	0.02	2	1	2.51	119	0.6	0.04	0.7	109	<20	<50	0.04	1
D62693 (332491)		<1	1.52	22	37	1.40	425	11.1	3.98	16.5	402	<20	<50	0.02	<1
D62694 (332492)		<1	2.05	118	11	8.23	2120	3.0	1.50	362	4600	<20	<50	0.23	2
D62695 (332493)		<1	2.32	59	24	2.24	810	9.3	2.85	72.4	3010	<20	<50	0.13	1
D62696 (332494)		<1	3.01	23	26	1.21	477	12.7	3.01	12.2	577	<20	<50	0.02	<1
D62697 (332495)		<1	2.77	10	11	0.41	202	15.4	3.00	6.7	129	112	<50	0.04	<1
D62698 (332496)		<1	2.73	9	11	0.44	219	9.0	2.99	6.2	127	83	<50	0.04	1
D62699 (332497)		<1	3.77	28	28	1.58	427	9.2	2.72	11.8	562	<20	56	0.04	2
D62700 (332498)		<1	5.12	3	11	0.23	113	10.1	2.24	3.9	40	24	<50	0.01	1
D62701 (332499)		<1	2.45	22	22	0.84	310	11.3	2.92	7.6	288	<20	<50	0.01	1
D62702 (332500)		<1	3.20	28	21	1.61	350	9.7	2.87	12.0	674	<20	<50	0.05	<1
D62703 (332501)		<1	3.77	33	30	2.13	377	8.0	2.95	13.8	1070	<20	60	0.05	<1
D62704 (332502)		<1	4.38	25	38	2.21	376	7.5	2.77	11.3	800	<20	70	0.03	1
D62705 (332503)		<1	1.80	5	6	0.17	79	11.7	3.15	3.4	47	<20	<50	<0.01	1
D62706 (332504)		<1	0.45	9	10	4.20	1350	2.1	2.41	106	911	<20	<50	0.10	2
D62707 (332505)		<1	2.21	4	10	0.30	133	10.8	3.14	3.6	59	<20	<50	0.02	1
D62708 (332506)		<1	3.17	19	27	1.17	428	10.5	2.73	9.9	671	<20	50	0.02	2
D62709 (332507)		<1	3.31	34	34	2.20	465	10.7	3.46	25.3	1050	<20	<50	0.04	1
D62710 (332508)		<1	1.86	54	11	11.2	1420	3.9	1.06	596	2410	<20	<50	0.15	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T489789

PROJECT: AGAT00679

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill; Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D62711 (332509)		<1	2.34	34	27	1.16	376	10.4	3.77	14.3	588	<20	<50	0.03	<1
D62712 (332510)		<1	0.02	2	<1	2.77	140	0.7	0.05	<0.5	94	<20	<50	0.04	1
D62713 (332511)		<1	2.04	11	13	0.48	189	13.9	3.41	6.7	218	<20	<50	0.03	2
D62714 (332512)		<1	1.56	32	103	5.49	1670	3.5	2.55	266	477	<20	<50	0.17	2
D62715 (332513)		<1	4.74	7	5	0.33	173	12.0	2.91	10.5	108	<20	<50	0.03	<1
D62716 (332514)		<1	4.46	15	5	0.26	116	13.3	2.33	5.9	80	<20	<50	0.02	<1
D62717 (332515)		<1	1.10	15	17	0.87	343	10.6	3.02	12.9	487	<20	<50	0.02	2
D62718 (332516)		<1	1.08	15	17	0.86	338	10.4	2.94	13.0	479	<20	<50	0.02	<1

Certified By:



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CLIENT NAME: GOLDCORP BORDEN LIMITED

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 18, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D62647 (332445)	7	<10	<5	194	<10	<10	<5	0.26	<5	<50	43.9	<1	6	93.0
D62648 (332446)	2	<10	<5	137	<10	<10	<5	0.06	<5	<50	7.8	<1	2	25.1
D62649 (332447)	10	<10	<5	234	<10	<10	<5	0.34	<5	<50	76.6	<1	10	103
D62650 (332448)	38	<10	<5	670	<10	<10	<5	0.68	<5	<50	226	<1	28	125
D62651 (332449)	8	<10	<5	290	<10	<10	<5	0.20	<5	<50	51.1	<1	10	76.8
D62652 (332450)	<1	<10	<5	66	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	3.2
D62653 (332451)	12	<10	<5	217	<10	<10	<5	0.27	<5	<50	81.1	<1	12	101
D62654 (332452)	4	<10	<5	147	<10	<10	<5	0.12	<5	<50	18.8	<1	3	93.2
D62655 (332453)	8	<10	<5	196	<10	<10	<5	0.27	<5	<50	42.8	<1	8	97.0
D62656 (332454)	7	<10	<5	181	<10	<10	<5	0.22	<5	<50	36.1	<1	7	95.0
D62657 (332455)	6	<10	<5	172	<10	<10	<5	0.20	<5	<50	29.7	<1	3	90.0
D62658 (332456)	6	<10	<5	168	<10	<10	<5	0.20	<5	<50	29.8	<1	3	88.4
D62659 (332457)	7	<10	<5	197	<10	<10	<5	0.28	<5	<50	49.4	<1	8	104
D62660 (332458)	7	<10	<5	210	<10	<10	<5	0.30	<5	<50	53.4	<1	10	93.0
D62661 (332459)	7	<10	<5	236	<10	<10	<5	0.29	<5	<50	55.0	<1	9	88.6
D62662 (332460)	8	<10	<5	187	<10	<10	<5	0.30	<5	<50	55.9	<1	9	130
D62663 (332461)	3	<10	<5	146	<10	<10	18	0.10	<5	<50	14.9	<1	3	51.9
D62664 (332462)	8	<10	<5	160	<10	<10	<5	0.31	<5	<50	52.0	<1	7	155
D62665 (332463)	3	<10	<5	137	<10	<10	<5	0.09	<5	<50	16.5	<1	3	39.2
D62666 (332464)	45	<10	<5	109	<10	<10	<5	0.68	<5	<50	311	<1	23	83.4
D62667 (332465)	6	<10	<5	234	<10	<10	<5	0.26	<5	<50	45.5	<1	9	91.3
D62668 (332466)	1	<10	<5	130	<10	<10	<5	0.07	<5	<50	6.1	<1	1	36.6
D62669 (332467)	4	<10	<5	272	<10	<10	<5	0.20	<5	<50	34.8	<1	5	67.9
D62670 (332468)	4	<10	<5	329	<10	<10	<5	0.20	<5	<50	35.6	<1	5	77.0
D62671 (332469)	3	<10	<5	166	<10	<10	<5	0.10	<5	<50	17.8	<1	4	34.8
D62672 (332470)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.7	<1	2	4.1
D62673 (332471)	21	<10	<5	643	<10	<10	<5	1.98	<5	<50	280	<1	25	104
D62674 (332472)	5	<10	<5	337	<10	<10	<5	0.21	<5	<50	41.6	<1	6	53.6
D62675 (332473)	5	<10	<5	210	<10	<10	<5	0.17	<5	<50	31.3	<1	4	68.8
D62676 (332474)	2	<10	<5	135	<10	<10	<5	0.11	<5	<50	6.9	<1	1	54.2
D62677 (332475)	7	<10	<5	269	<10	<10	<5	0.28	<5	<50	50.6	<1	8	63.9
D62678 (332476)	6	<10	<5	262	<10	<10	<5	0.27	<5	<50	50.1	<1	7	63.4

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T489789

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill; Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 18, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D62679 (332477)	5	<10	<5	284	<10	<10	<5	0.22	<5	<50	39.7	<1	5	64.2
D62680 (332478)	5	<10	<5	323	<10	<10	<5	0.22	<5	<50	42.0	<1	5	48.1
D62681 (332479)	9	<10	<5	272	<10	<10	<5	0.24	<5	<50	69.0	<1	8	75.9
D62682 (332480)	17	<10	<5	1190	<10	<10	<5	0.98	<5	<50	314	<1	44	89.2
D62683 (332481)	6	<10	<5	392	<10	<10	<5	0.19	<5	<50	45.0	<1	6	65.1
D62684 (332482)	5	<10	<5	284	<10	<10	<5	0.18	<5	<50	38.5	<1	6	181
D62685 (332483)	6	<10	<5	240	<10	<10	<5	0.24	<5	<50	40.5	<1	7	120
D62686 (332484)	35	<10	<5	253	<10	<10	<5	0.89	<5	<50	243	<1	23	93.1
D62687 (332485)	9	<10	<5	141	<10	<10	22	0.25	<5	<50	33.9	<1	5	153
D62688 (332486)	5	<10	<5	140	<10	<10	<5	0.15	<5	<50	26.7	<1	3	88.5
D62689 (332487)	5	<10	<5	335	<10	<10	<5	0.20	<5	<50	36.8	<1	5	117
D62690 (332488)	5	<10	<5	400	<10	<10	<5	0.23	<5	<50	41.9	<1	5	71.7
D62691 (332489)	5	<10	<5	253	<10	<10	<5	0.21	<5	<50	39.4	<1	8	57.9
D62692 (332490)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.5	<1	2	3.7
D62693 (332491)	6	<10	<5	234	<10	<10	<5	0.24	<5	<50	45.8	<1	10	82.2
D62694 (332492)	29	<10	<5	1210	<10	<10	<5	1.68	<5	<50	274	<1	43	142
D62695 (332493)	22	<10	<5	572	<10	<10	21	0.31	<5	<50	99.9	<1	18	91.4
D62696 (332494)	8	<10	<5	150	<10	<10	<5	0.21	<5	<50	42.4	<1	7	115
D62697 (332495)	4	<10	<5	121	<10	<10	<5	0.08	<5	<50	16.4	<1	3	165
D62698 (332496)	4	<10	<5	121	<10	<10	<5	0.09	<5	<50	20.6	<1	3	210
D62699 (332497)	7	<10	<5	178	<10	<10	<5	0.24	<5	<50	41.9	<1	8	99.5
D62700 (332498)	2	<10	<5	137	<10	<10	<5	0.09	<5	<50	6.7	<1	<1	44.9
D62701 (332499)	6	<10	<5	123	<10	<10	<5	0.16	<5	<50	26.9	<1	6	103
D62702 (332500)	6	<10	<5	181	<10	<10	<5	0.27	<5	<50	44.4	<1	8	81.3
D62703 (332501)	7	<10	<5	239	<10	<10	<5	0.35	<5	<50	58.1	<1	9	74.8
D62704 (332502)	7	<10	<5	232	<10	<10	<5	0.29	<5	<50	49.5	<1	8	88.4
D62705 (332503)	1	<10	<5	120	<10	<10	<5	0.07	<5	<50	5.0	<1	1	31.2
D62706 (332504)	34	<10	<5	249	<10	<10	<5	0.87	<5	<50	242	<1	23	90.9
D62707 (332505)	3	<10	<5	123	<10	<10	<5	0.12	<5	<50	8.2	<1	1	58.2
D62708 (332506)	8	<10	<5	140	<10	<10	<5	0.26	<5	<50	39.3	<1	6	139
D62709 (332507)	8	<10	<5	291	<10	<10	<5	0.35	<5	<50	63.1	<1	13	86.2
D62710 (332508)	22	<10	<5	770	<10	<10	<5	1.58	<5	<50	222	<1	22	85.0

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T489789

PROJECT: AGAT00679

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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill; Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 18, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D62711 (332509)	7	<10	<5	190	<10	<10	7	0.22	<5	<50	39.3	<1	8	104
D62712 (332510)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	3.8
D62713 (332511)	4	<10	<5	106	<10	<10	<5	0.12	<5	<50	20.0	<1	3	64.8
D62714 (332512)	33	<10	<5	528	<10	<10	<5	0.68	<5	<50	214	<1	22	37.4
D62715 (332513)	1	<10	<5	131	<10	<10	<5	0.04	<5	<50	11.1	<1	4	104
D62716 (332514)	2	<10	<5	122	<10	<10	7	0.05	<5	<50	8.7	<1	2	38.1
D62717 (332515)	7	<10	<5	251	<10	<10	<5	0.24	<5	<50	44.3	<1	8	54.0
D62718 (332516)	7	<10	<5	245	<10	<10	<5	0.24	<5	<50	44.0	<1	8	54.9

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## Certificate of Analysis

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PROJECT: AGAT00679

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill; Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D62647 (332445)				76
D62648 (332446)				207
D62649 (332447)				62
D62650 (332448)				40
D62651 (332449)				72
D62652 (332450)				<5
D62653 (332451)				33
D62654 (332452)				96
D62655 (332453)				123
D62656 (332454)				95
D62657 (332455)				83
D62658 (332456)				91
D62659 (332457)				92
D62660 (332458)				80
D62661 (332459)				81
D62662 (332460)				101
D62663 (332461)				55
D62664 (332462)				80
D62665 (332463)				40
D62666 (332464)				55
D62667 (332465)				85
D62668 (332466)				54
D62669 (332467)				68
D62670 (332468)				48
D62671 (332469)				159
D62672 (332470)				<5
D62673 (332471)				234
D62674 (332472)				74
D62675 (332473)				63
D62676 (332474)				144
D62677 (332475)				81
D62678 (332476)				79

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AGAT WORK ORDER: 19T489789

PROJECT: AGAT00679

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill; Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 07, 2019      DATE RECEIVED: Jul 08, 2019      DATE REPORTED: Jul 18, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D62679 (332477)				50
D62680 (332478)				30
D62681 (332479)				83
D62682 (332480)				76
D62683 (332481)				83
D62684 (332482)				64
D62685 (332483)				72
D62686 (332484)				91
D62687 (332485)				139
D62688 (332486)				68
D62689 (332487)				50
D62690 (332488)				50
D62691 (332489)				80
D62692 (332490)				<5
D62693 (332491)				113
D62694 (332492)				238
D62695 (332493)				42
D62696 (332494)				139
D62697 (332495)				92
D62698 (332496)				92
D62699 (332497)				92
D62700 (332498)				56
D62701 (332499)				143
D62702 (332500)				96
D62703 (332501)				55
D62704 (332502)				74
D62705 (332503)				118
D62706 (332504)				89
D62707 (332505)				117
D62708 (332506)				76
D62709 (332507)				99
D62710 (332508)				184

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# Certificate of Analysis

AGAT WORK ORDER: 19T489789

PROJECT: AGAT00679

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill; Christine Shultis

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 18, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D62711 (332509)	107
D62712 (332510)	<5
D62713 (332511)	72
D62714 (332512)	120
D62715 (332513)	30
D62716 (332514)	80
D62717 (332515)	75
D62718 (332516)	70

Comments: RDL - Reported Detection Limit

332445-332516 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T489789

PROJECT: AGAT00679

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill; Christine Shultis

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D62647 (332445)			0.002
D62648 (332446)			0.001
D62649 (332447)			0.002
D62650 (332448)			0.002
D62651 (332449)			0.001
D62652 (332450)			<0.001
D62653 (332451)			0.002
D62654 (332452)			0.001
D62655 (332453)			0.003
D62656 (332454)			0.002
D62657 (332455)			<0.001
D62658 (332456)			<0.001
D62659 (332457)			0.002
D62660 (332458)			0.003
D62661 (332459)			0.003
D62662 (332460)			0.006
D62663 (332461)			0.002
D62664 (332462)			0.003
D62665 (332463)			0.027
D62666 (332464)			0.532
D62667 (332465)			0.003
D62668 (332466)			<0.001
D62669 (332467)			0.003
D62670 (332468)			0.002
D62671 (332469)			<0.001
D62672 (332470)			<0.001
D62673 (332471)			0.001
D62674 (332472)			0.002
D62675 (332473)			0.002
D62676 (332474)			0.005
D62677 (332475)			0.001
D62678 (332476)			0.002

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T489789

PROJECT: AGAT00679

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill; Christine Shultis

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D62679 (332477)			0.001
D62680 (332478)			0.015
D62681 (332479)			0.001
D62682 (332480)			0.001
D62683 (332481)			0.001
D62684 (332482)			0.001
D62685 (332483)			0.007
D62686 (332484)			0.338
D62687 (332485)			0.002
D62688 (332486)			0.001
D62689 (332487)			0.002
D62690 (332488)			0.003
D62691 (332489)			0.033
D62692 (332490)			<0.001
D62693 (332491)			0.001
D62694 (332492)			0.001
D62695 (332493)			0.002
D62696 (332494)			<0.001
D62697 (332495)			<0.001
D62698 (332496)			<0.001
D62699 (332497)			0.002
D62700 (332498)			<0.001
D62701 (332499)			<0.001
D62702 (332500)			0.003
D62703 (332501)			0.004
D62704 (332502)			0.001
D62705 (332503)			<0.001
D62706 (332504)			0.334
D62707 (332505)			0.001
D62708 (332506)			0.002
D62709 (332507)			0.050
D62710 (332508)			0.003

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## Certificate of Analysis

AGAT WORK ORDER: 19T489789

PROJECT: AGAT00679

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill; Christine Shultis

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 07, 2019      DATE RECEIVED: Jul 08, 2019      DATE REPORTED: Jul 18, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D62711 (332509)			0.005
D62712 (332510)			0.001
D62713 (332511)			0.010
D62714 (332512)			0.002
D62715 (332513)			0.002
D62716 (332514)			<0.001
D62717 (332515)			0.004
D62718 (332516)			0.001

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





# Certificate of Analysis

AGAT WORK ORDER: 19T489789

PROJECT: AGAT00679

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill; Christine Shultis

## Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 07, 2019      DATE RECEIVED: Jul 08, 2019      DATE REPORTED: Jul 18, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D62647 (332445)		79.31
D62665 (332463)		81.50
D62673 (332471)		77.95
D62685 (332483)		77.49
D62705 (332503)		79.13

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill; Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	332445	< 0.5	< 0.5	0.0%	332459	< 0.5	< 0.5	0.0%	332470	< 0.5	< 0.5	0.0%	332485	< 0.5	< 0.5	0.0%
Al	332445	8.06	8.14	1.0%	332459	8.37	8.52	1.8%	332470	0.16	0.155	5.0%	332485	7.99	7.86	1.6%
As	332445	< 1	< 1	0.0%	332459	< 1	< 1	0.0%	332470	< 1	< 1	0.0%	332485	< 1	< 1	0.0%
Ba	332445	318	332	4.3%	332459	385	391	1.5%	332470	18	18	0.0%	332485	170	169	0.6%
Be	332445	0.8	0.88	7.1%	332459	1.2	1.2	0.0%	332470	< 0.5	< 0.5	0.0%	332485	1.0	1.0	0.0%
Bi	332445	< 1	< 1	0.0%	332459	< 1	< 1	0.0%	332470	< 1	< 1	0.0%	332485	< 1	< 1	0.0%
Ca	332445	2.07	1.76	16.2%	332459	1.60	1.65	3.1%	332470	31.1	30.1	3.3%	332485	1.52	1.50	1.3%
Cd	332445	< 0.5	< 0.5	0.0%	332459	< 0.5	< 0.5	0.0%	332470	< 0.5	< 0.5	0.0%	332485	< 0.5	< 0.5	0.0%
Ce	332445	41	43	4.8%	332459	67	68	1.5%	332470	1	1	0.0%	332485	72	62	14.9%
Co	332445	7.3	7.4	1.4%	332459	9.3	9.3	0.0%	332470	0.8	0.88	10.8%	332485	5.45	5.49	0.7%
Cr	332445	118	119	0.8%	332459	109	106	2.8%	332470	5.0	4.1	19.8%	332485	154	147	4.7%
Cu	332445	< 0.5	< 0.5	0.0%	332459	24.3	24.8	2.0%	332470	< 0.5	< 0.5	0.0%	332485	2.98	2.52	16.7%
Fe	332445	3.14	3.21	2.2%	332459	3.23	3.28	1.5%	332470	0.10	0.093	7.3%	332485	3.88	3.83	1.3%
Ga	332445	18	20	10.5%	332459	17	18	5.7%	332470	< 5	< 5	0.0%	332485	23	21	9.1%
In	332445	< 1	< 1	0.0%	332459	< 1	< 1	0.0%	332470	< 1	< 1	0.0%	332485	< 1	< 1	0.0%
K	332445	3.32	3.40	2.4%	332459	2.97	3.09	4.0%	332470	0.02	0.02	0.0%	332485	2.16	2.13	1.4%
La	332445	21	22	4.7%	332459	32	31	3.2%	332470	2	2	0.0%	332485	36	32	11.8%
Li	332445	23	23	0.0%	332459	31	32	3.2%	332470	1	1	0.0%	332485	29	28	3.5%
Mg	332445	1.19	1.18	0.8%	332459	1.48	1.50	1.3%	332470	2.25	2.22	1.3%	332485	0.985	0.970	1.5%
Mn	332445	386	390	1.0%	332459	488	496	1.6%	332470	120	118	1.7%	332485	453	446	1.6%
Mo	332445	11.5	13.0	12.2%	332459	9.95	10.4	4.4%	332470	0.5	0.5	0.0%	332485	14.1	13.8	2.2%
Na	332445	2.89	2.96	2.4%	332459	3.23	3.35	3.6%	332470	0.10	0.094	3.1%	332485	3.47	3.39	2.3%
Ni	332445	10.4	10.9	4.7%	332459	15.4	15.5	0.6%	332470	0.7	1.1		332485	8.80	8.51	3.4%
P	332445	544	581	6.6%	332459	1010	1040	2.9%	332470	81	67	18.9%	332485	207	203	2.0%
Pb	332445	< 20	< 20	0.0%	332459	< 20	< 20	0.0%	332470	< 20	< 20	0.0%	332485	22	21	4.7%
Rb	332445	< 50	< 50	0.0%	332459	< 50	< 50	0.0%	332470	< 50	< 50	0.0%	332485	< 50	< 50	0.0%
S	332445	0.01	0.01	0.0%	332459	0.06	0.06	0.0%	332470	0.02	0.02	0.0%	332485	0.03	0.03	0.0%
Sb	332445	1	< 1		332459	< 1	2		332470	< 1	< 1	0.0%	332485	2	1	
Sc	332445	7	7	0.0%	332459	7	8	13.3%	332470	< 1	< 1	0.0%	332485	9	9	0.0%
Se	332445	< 10	< 10	0.0%	332459	< 10	< 10	0.0%	332470	< 10	< 10	0.0%	332485	< 10	< 10	0.0%
Sn	332445	< 5	< 5	0.0%	332459	< 5	< 5	0.0%	332470	< 5	< 5	0.0%	332485	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill; Christine Shultis

Sr	332445	194	198	2.0%	332459	236	244	3.3%	332470	69	68	1.5%	332485	141	138	2.2%
Ta	332445	< 10	< 10	0.0%	332459	< 10	< 10	0.0%	332470	< 10	< 10	0.0%	332485	< 10	< 10	0.0%
Te	332445	< 10	< 10	0.0%	332459	< 10	< 10	0.0%	332470	< 10	< 10	0.0%	332485	< 10	< 10	0.0%
Th	332445	< 5	< 5	0.0%	332459	< 5	< 5	0.0%	332470	< 5	< 5	0.0%	332485	22	18	20.0%
Ti	332445	0.26	0.26	0.0%	332459	0.29	0.30	3.4%	332470	< 0.01	< 0.01	0.0%	332485	0.25	0.25	0.0%
Tl	332445	< 5	< 5	0.0%	332459	< 5	< 5	0.0%	332470	< 5	< 5	0.0%	332485	< 5	< 5	0.0%
U	332445	< 50	< 50	0.0%	332459	< 50	< 50	0.0%	332470	< 50	< 50	0.0%	332485	< 50	< 50	0.0%
V	332445	43.9	46.1	4.9%	332459	55.0	55.7	1.3%	332470	1.7	1.7	0.0%	332485	33.9	32.9	3.0%
W	332445	< 1	< 1	0.0%	332459	< 1	< 1	0.0%	332470	< 1	< 1	0.0%	332485	< 1	< 1	0.0%
Y	332445	6	7	15.4%	332459	9	9	0.0%	332470	2	2	0.0%	332485	5	4	22.2%
Zn	332445	93.0	95.8	3.0%	332459	88.6	85.8	3.2%	332470	4.1	4.8	15.7%	332485	153	151	1.3%
Zr	332445	76	76	0.0%	332459	81	87	7.1%	332470	< 5	< 5	0.0%	332485	139	136	2.2%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	332495	< 0.5	< 0.5	0.0%	332509	< 0.5	< 0.5	0.0%								
Al	332495	6.97	6.86	1.6%	332509	7.75	7.69	0.8%								
As	332495	< 1	< 1	0.0%	332509	< 1	< 1	0.0%								
Ba	332495	243	240	1.2%	332509	268	260	3.0%								
Be	332495	0.96	0.93	3.2%	332509	2.3	2.3	0.0%								
Bi	332495	< 1	< 1	0.0%	332509	< 1	< 1	0.0%								
Ca	332495	1.30	1.26	3.1%	332509	1.64	1.61	1.8%								
Cd	332495	< 0.5	< 0.5	0.0%	332509	< 0.5	< 0.5	0.0%								
Ce	332495	20	19	5.1%	332509	70	70	0.0%								
Co	332495	2.6	2.5	3.9%	332509	5.9	6.0	1.7%								
Cr	332495	128	119	7.3%	332509	135	118	13.4%								
Cu	332495	1.9	1.8	5.4%	332509	5.5	5.2	5.6%								
Fe	332495	1.55	1.52	2.0%	332509	3.00	2.97	1.0%								
Ga	332495	13	14	7.4%	332509	18	17	5.7%								
In	332495	< 1	< 1	0.0%	332509	< 1	< 1	0.0%								
K	332495	2.77	2.73	1.5%	332509	2.34	2.33	0.4%								
La	332495	10	9	10.5%	332509	34	34	0.0%								
Li	332495	11	11	0.0%	332509	27	27	0.0%								
Mg	332495	0.41	0.40	2.5%	332509	1.16	1.15	0.9%								
Mn	332495	202	197	2.5%	332509	376	372	1.1%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill; Christine Shultis

Mo	332495	15.4	15.0	2.6%	332509	10.4	10.5	1.0%								
Na	332495	3.00	2.96	1.3%	332509	3.77	3.76	0.3%								
Ni	332495	6.68	6.00	10.7%	332509	14.3	13.9	2.8%								
P	332495	129	116	10.6%	332509	588	565	4.0%								
Pb	332495	112	85	27.4%	332509	< 20	< 20	0.0%								
Rb	332495	< 50	< 50	0.0%	332509	< 50	< 50	0.0%								
S	332495	0.04	0.04	0.0%	332509	0.035	0.046	27.2%								
Sb	332495	< 1	2		332509	< 1	2									
Sc	332495	4	4	0.0%	332509	7	7	0.0%								
Se	332495	< 10	< 10	0.0%	332509	< 10	< 10	0.0%								
Sn	332495	< 5	< 5	0.0%	332509	< 5	< 5	0.0%								
Sr	332495	121	119	1.7%	332509	190	188	1.1%								
Ta	332495	< 10	< 10	0.0%	332509	< 10	< 10	0.0%								
Te	332495	< 10	< 10	0.0%	332509	< 10	< 10	0.0%								
Th	332495	< 5	< 5	0.0%	332509	7	7	0.0%								
Ti	332495	0.08	0.08	0.0%	332509	0.217	0.214	1.4%								
Tl	332495	< 5	< 5	0.0%	332509	< 5	< 5	0.0%								
U	332495	< 50	< 50	0.0%	332509	< 50	< 50	0.0%								
V	332495	16.4	15.2	7.6%	332509	39.3	39.2	0.3%								
W	332495	< 1	< 1	0.0%	332509	< 1	< 1	0.0%								
Y	332495	3	3	0.0%	332509	8	8	0.0%								
Zn	332495	165	167	1.2%	332509	104	102	1.9%								
Zr	332495	92	93	1.1%	332509	107	99	7.8%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	332445	0.002	0.002	0.0%	332459	0.003	0.008		332470	< 0.001	< 0.001	0.0%	332485	0.0016	0.0012	28.6%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	332495	< 0.001	< 0.001	0.0%	332509	0.0052	0.0045	14.4%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill; Christine Shultis

**(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish**

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.Till-2)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	11.45	105%	90% - 110%	8.17	8.52	104%	90% - 110%	6.96	7.14	103%	90% - 110%	8.17	8.45	103%	90% - 110%
As					26	26	101%	90% - 110%	124	135	109%	90% - 110%	26	26	101%	90% - 110%
Ba	340	334	98%	90% - 110%	540	529	98%	90% - 110%	186	184	99%	90% - 110%	540	523	97%	90% - 110%
Be	2.6	2.7	105%	90% - 110%	4.0	3.2	80%	90% - 110%					4.0	3.2	79%	90% - 110%
Ca	5.72	5.63	98%	90% - 110%	0.907	0.887	98%	90% - 110%	4.01	3.94	98%	90% - 110%	0.907	0.888	98%	90% - 110%
Ce	122	114	94%	90% - 110%	98	98	100%	90% - 110%	24	22	91%	90% - 110%	98	98	100%	90% - 110%
Co									22.1	21.3	96%	90% - 110%				
Cr					60.3	62.9	104%	90% - 110%					60.3	64.6	107%	90% - 110%
Cu					150	149	100%	90% - 110%	88.6	84.7	96%	90% - 110%	150	144	96%	90% - 110%
Fe	4.34	4.21	97%	90% - 110%	3.77	3.79	100%	90% - 110%	7.56	7.55	100%	90% - 110%	3.77	3.76	100%	90% - 110%
Ga	35	35	101%	90% - 110%												
K	1.37	1.48	108%	90% - 110%					2.021	2.134	106%	90% - 110%				
La	58	55	95%	90% - 110%	44	43	97%	90% - 110%					44	44	100%	90% - 110%
Li	37	38	103%	90% - 110%	47	47	99%	90% - 110%					47	47	100%	90% - 110%
Mg	0.325	0.3	92%	90% - 110%	1.10	1.08	98%	90% - 110%	2.412	2.411	100%	90% - 110%	1.10	1.07	97%	90% - 110%
Mn					780	766	98%	90% - 110%	1510	1482	98%	90% - 110%	780	757	97%	90% - 110%
Mo					14	15	104%	90% - 110%					14	14	97%	90% - 110%
Na	5.267	5.535	105%	90% - 110%	1.624	1.745	107%	90% - 110%	0.617	0.629	102%	90% - 110%	1.624	1.685	104%	90% - 110%
Ni					32	34	106%	90% - 110%	77.1	75.2	98%	90% - 110%	32	35	108%	90% - 110%
P					750	792	106%	90% - 110%	892	943	106%	90% - 110%	750	788	105%	90% - 110%
Pb	10	9	90%	90% - 110%	31	30	95%	90% - 110%					31	30	96%	90% - 110%
S									0.348	0.354	102%	90% - 110%				
Sc	1.1	1.1	102%	90% - 110%	12	13	105%	90% - 110%					12	13	107%	90% - 110%
Sr	1191	1166	98%	90% - 110%	144	151	105%	90% - 110%	92.8	86.9	94%	90% - 110%	144	147	102%	90% - 110%
Ti	0.172	0.163	95%	90% - 110%	0.53	0.49	92%	90% - 110%					0.53	0.50	94%	90% - 110%
V	8	8	104%	90% - 110%	77	82	107%	90% - 110%					77	84	109%	90% - 110%
Y	119	125	105%	90% - 110%												
Zn	93	95	102%	90% - 110%	130	127	97%	90% - 110%	208	215	103%	90% - 110%	130	123	95%	90% - 110%

**(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)**

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GS5W)				CRM #3 (ref.GSP7M)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits



**AGAT** Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 19T489789

PROJECT: AGAT00679

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill; Christine Shultis

Au	6.87	6.78	99%	90% - 110%	5.27	5.26	100%	90% - 110%	0.725	0.656	90%	90% - 110%	0.562	0.549	98%	90% - 110%
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## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00679  
 SAMPLING SITE:

AGAT WORK ORDER: 19T489789  
 ATTENTION TO: Craig Yuill; Christine Shultis  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill, Christine Shultis

PROJECT: AGAT00680

AGAT WORK ORDER: 19T489791

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jul 17, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.





## Certificate of Analysis

AGAT WORK ORDER: 19T489791

PROJECT: AGAT00680

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 MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (200-) Sample Login Weight

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D62939 (332523)		1.48
D62940 (332524)		2.81
D62941 (332525)		1.95
D62942 (332526)		2.82
D62943 (332527)		3.27
D62944 (332528)		3.32
D62945 (332529)		3.08
D62946 (332530)		0.07
D62947 (332531)		3.41
D62948 (332532)		2.13
D62949 (332533)		2.44
D62950 (332534)		1.05
D62951 (332535)		3.32
D62952 (332536)		0.62
D62953 (332537)		2.27
D62954 (332538)		2.26
D62955 (332539)		3.39
D62956 (332540)		3.81
D62957 (332541)		3.82
D62958 (332542)		3.82
D62959 (332543)		3.68
D62960 (332544)		3.51
D62961 (332545)		3.57
D62962 (332546)		3.60
D62963 (332547)		2.70
D62964 (332548)		2.82
D62965 (332549)		3.80
D62966 (332550)		0.07
D62967 (332551)		3.33
D62968 (332552)		4.08
D62969 (332553)		3.64

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T489791

PROJECT: AGAT00680

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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## (200-) Sample Login Weight

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D62970 (332554)		3.34
D62971 (332555)		3.77
D62972 (332556)		0.56
D62973 (332557)		3.66
D62974 (332558)		3.75
D62975 (332559)		4.18
D62976 (332560)		3.84
D62977 (332561)		4.09
D62978 (332562)		4.09
D70361 (332563)		2.30
D70362 (332564)		2.05
D70363 (332565)		1.63
D70364 (332566)		2.24
D70365 (332567)		2.36
D70366 (332568)		0.07
D70367 (332569)		2.26
D70368 (332570)		2.27
D70369 (332571)		3.16
D70370 (332572)		1.18
D70371 (332573)		2.24
D70372 (332574)		0.58
D70373 (332575)		1.69
D70374 (332576)		3.06
D70375 (332577)		3.43
D70376 (332578)		3.37
D70377 (332579)		2.93
D70378 (332580)		2.93
D70379 (332581)		1.00
D70380 (332582)		3.04
D70381 (332583)		2.23
D70382 (332584)		2.32

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T489791

PROJECT: AGAT00680

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## (200-) Sample Login Weight

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 17, 2019


SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D70383 (332585)		1.85
D70384 (332586)		2.07
D70385 (332587)		2.17
D70386 (332588)		0.07
D70387 (332589)		2.43
D70388 (332590)		2.18
D70389 (332591)		3.12
D70390 (332592)		0.71
D70391 (332593)		1.70
D70392 (332594)		0.59

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T489791

PROJECT: AGAT00680

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 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D62939 (332523)		<0.5	8.31	<1	328	1.2	<1	1.19	<0.5	24	6.8	26.6	0.7	2.48	16
D62940 (332524)		<0.5	8.14	<1	351	0.8	<1	1.20	<0.5	33	8.5	24.8	0.7	2.94	18
D62941 (332525)		<0.5	7.46	1	228	2.3	<1	1.22	<0.5	40	3.7	21.3	4.1	1.56	14
D62942 (332526)		1.4	8.13	1	360	0.9	<1	1.32	<0.5	44	6.8	24.8	21.1	2.27	17
D62943 (332527)		<0.5	8.29	<1	293	1.2	<1	1.53	<0.5	43	4.8	23.3	7.7	2.05	16
D62944 (332528)		<0.5	8.31	<1	379	1.3	<1	1.50	<0.5	30	7.0	24.6	5.3	2.39	16
D62945 (332529)		<0.5	8.00	<1	322	1.5	<1	1.39	<0.5	34	8.3	27.1	1.4	2.64	15
D62946 (332530)		<0.5	7.62	<1	186	0.6	<1	6.39	<0.5	16	39.2	186	102	7.82	27
D62947 (332531)		<0.5	7.98	<1	448	2.3	<1	1.49	<0.5	41	6.0	26.0	13.0	2.17	14
D62948 (332532)		<0.5	8.19	<1	423	1.8	<1	1.65	<0.5	28	7.6	29.6	4.5	2.97	17
D62949 (332533)		<0.5	8.25	<1	593	1.2	<1	1.46	<0.5	37	6.7	23.4	4.3	2.67	17
D62950 (332534)		<0.5	7.89	<1	506	1.0	<1	1.14	<0.5	42	6.9	21.9	5.1	2.47	16
D62951 (332535)		<0.5	7.68	2	489	1.1	<1	1.35	<0.5	50	5.0	28.0	14.3	2.24	15
D62952 (332536)		<0.5	0.06	<1	15	<0.5	<1	32.9	<0.5	1	0.5	3.8	<0.5	0.11	<5
D62953 (332537)		<0.5	7.42	<1	302	0.9	<1	1.44	<0.5	44	9.1	21.5	16.5	3.15	16
D62954 (332538)		<0.5	6.73	<1	92	0.9	<1	4.88	1.6	40	41.2	42.5	54.5	8.58	30
D62955 (332539)		<0.5	6.14	<1	119	1.4	<1	6.75	<0.5	26	37.3	44.2	109	9.69	33
D62956 (332540)		<0.5	6.30	<1	281	2.3	<1	5.93	<0.5	27	36.6	48.0	159	11.1	34
D62957 (332541)		<0.5	6.54	<1	357	1.0	<1	6.32	<0.5	29	40.7	49.9	162	11.4	38
D62958 (332542)		<0.5	6.56	<1	365	1.1	<1	5.64	<0.5	30	40.6	52.1	162	11.5	37
D62959 (332543)		<0.5	6.42	<1	323	1.1	<1	5.61	<0.5	27	41.3	50.1	152	11.2	36
D62960 (332544)		<0.5	6.31	<1	267	1.0	<1	5.86	<0.5	28	38.0	47.5	144	10.6	33
D62961 (332545)		<0.5	6.23	<1	300	1.9	<1	5.87	<0.5	28	40.0	52.6	152	10.9	36
D62962 (332546)		<0.5	4.59	<1	350	3.7	<1	7.21	<0.5	56	48.7	224	123	9.00	30
D62963 (332547)		<0.5	4.35	<1	619	1.9	<1	6.38	<0.5	95	58.6	475	112	10.4	35
D62964 (332548)		<0.5	5.53	<1	442	2.0	<1	6.10	<0.5	53	45.6	164	143	10.6	35
D62965 (332549)		<0.5	6.26	<1	440	1.4	<1	6.20	<0.5	42	45.0	116	154	11.3	36
D62966 (332550)		<0.5	7.59	<1	189	0.6	<1	6.51	<0.5	16	39.6	182	103	8.00	28
D62967 (332551)		<0.5	6.39	<1	412	2.4	<1	5.08	<0.5	27	38.9	51.1	154	10.9	36
D62968 (332552)		<0.5	6.13	<1	585	1.4	<1	5.73	<0.5	22	38.3	48.4	154	11.6	36
D62969 (332553)		<0.5	5.76	<1	426	1.6	<1	6.85	<0.5	46	45.6	205	145	11.3	37
D62970 (332554)		<0.5	6.38	<1	303	1.0	<1	6.03	<0.5	30	42.0	55.8	158	11.3	39

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T489791

PROJECT: AGAT00680

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
D62971 (332555)		<0.5	6.65	<1	353	1.9	<1	5.94	<0.5	30	43.3	55.1	164	11.8	39
D62972 (332556)		<0.5	0.05	<1	13	<0.5	<1	33.4	<0.5	2	<0.5	3.7	<0.5	0.10	<5
D62973 (332557)		<0.5	6.44	<1	461	1.6	<1	5.93	<0.5	29	40.3	51.6	156	11.5	38
D62974 (332558)		<0.5	6.47	<1	545	1.1	<1	6.15	<0.5	28	40.9	53.6	160	11.7	38
D62975 (332559)		<0.5	6.57	<1	383	0.9	<1	6.08	<0.5	30	43.3	54.1	157	11.8	38
D62976 (332560)		<0.5	6.56	<1	429	3.5	<1	5.74	<0.5	28	40.3	56.3	157	11.6	37
D62977 (332561)		<0.5	6.69	<1	269	1.0	<1	5.77	<0.5	32	43.2	61.2	136	11.1	36
D62978 (332562)		<0.5	6.67	<1	267	1.0	<1	5.72	<0.5	33	43.1	61.9	133	11.2	37
D70361 (332563)		<0.5	7.70	<1	425	1.0	<1	1.74	<0.5	40	7.6	16.1	11.5	2.69	16
D70362 (332564)		<0.5	7.58	<1	486	0.9	<1	1.66	<0.5	47	7.1	19.0	3.0	2.68	16
D70363 (332565)		<0.5	8.04	<1	507	1.0	<1	1.83	<0.5	41	7.3	18.1	2.2	2.76	17
D70364 (332566)		<0.5	7.98	<1	433	1.0	<1	1.80	<0.5	36	7.9	19.5	18.2	2.56	18
D70365 (332567)		<0.5	7.93	<1	423	1.2	<1	2.17	<0.5	43	7.5	18.5	23.2	2.28	17
D70366 (332568)		<0.5	7.44	5	84	<0.5	<1	7.32	<0.5	5	40.7	201	150	7.53	27
D70367 (332569)		<0.5	7.58	<1	491	1.2	<1	2.63	<0.5	43	11.5	75.0	45.5	2.74	15
D70368 (332570)		<0.5	8.03	<1	422	1.1	<1	1.67	<0.5	29	7.1	20.7	13.7	2.38	16
D70369 (332571)		<0.5	7.26	<1	493	1.7	<1	2.17	<0.5	30	3.9	29.4	5.7	2.54	16
D70370 (332572)		<0.5	7.08	<1	447	1.2	<1	1.76	<0.5	47	4.0	15.9	23.1	1.75	13
D70371 (332573)		<0.5	7.77	<1	429	1.1	<1	1.99	<0.5	54	6.0	22.3	14.9	2.36	16
D70372 (332574)		<0.5	0.15	<1	18	<0.5	<1	31.0	<0.5	1	0.6	6.1	<0.5	0.09	<5
D70373 (332575)		<0.5	7.03	<1	392	1.0	<1	5.74	<0.5	40	7.2	77.0	2.6	2.32	14
D70374 (332576)		<0.5	8.18	<1	452	1.1	<1	1.77	<0.5	32	9.9	101	7.9	2.74	18
D70375 (332577)		<0.5	8.11	<1	642	0.9	<1	2.37	<0.5	44	6.4	86.8	13.5	2.38	18
D70376 (332578)		<0.5	8.27	<1	778	1.0	<1	2.50	<0.5	33	9.3	99.7	18.2	2.76	18
D70377 (332579)		<0.5	8.62	<1	598	1.1	<1	2.14	<0.5	34	11.3	96.0	29.7	3.04	17
D70378 (332580)		<0.5	8.35	<1	568	1.0	<1	2.03	<0.5	36	11.4	72.9	28.5	2.88	18
D70379 (332581)		<0.5	7.62	<1	250	1.8	<1	2.15	<0.5	24	7.9	84.3	21.2	2.47	17
D70380 (332582)		<0.5	7.81	<1	325	1.2	<1	1.57	<0.5	44	6.2	76.2	4.4	2.26	17
D70381 (332583)		<0.5	8.18	<1	430	1.2	<1	1.56	<0.5	29	11.6	86.6	11.2	2.80	17
D70382 (332584)		<0.5	8.27	<1	471	0.9	<1	1.84	<0.5	33	10.1	81.2	20.7	2.70	18
D70383 (332585)		<0.5	7.93	<1	588	1.5	<1	1.65	<0.5	45	6.1	73.3	19.2	2.10	17
D70384 (332586)		<0.5	7.77	<1	304	1.5	<1	1.64	<0.5	31	7.3	82.1	1.8	2.15	17

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T489791

PROJECT: AGAT00680

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 07, 2019	DATE RECEIVED: Jul 08, 2019							DATE REPORTED: Jul 17, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D70385 (332587)	<0.5	7.97	<1	374	0.7	<1	1.23	<0.5	40	5.3	88.9	<0.5	1.91	17	
D70386 (332588)	<0.5	7.40	<1	146	<0.5	<1	6.92	<0.5	5	41.2	180	152	8.32	30	
D70387 (332589)	<0.5	8.07	<1	448	0.8	<1	1.29	<0.5	44	6.4	74.2	2.0	2.16	17	
D70388 (332590)	<0.5	8.24	<1	428	0.8	<1	1.32	<0.5	42	6.2	81.5	1.7	2.26	18	
D70389 (332591)	<0.5	8.04	<1	417	0.8	<1	1.32	<0.5	39	6.4	60.4	10.2	2.01	18	
D70390 (332592)	<0.5	3.47	<1	142	<0.5	<1	0.64	<0.5	14	2.4	91.9	2.8	0.88	6	
D70391 (332593)	<0.5	8.00	<1	317	0.8	<1	1.29	<0.5	37	5.3	56.5	11.4	1.75	17	
D70392 (332594)	<0.5	0.06	<1	15	<0.5	<1	30.0	<0.5	1	0.5	11.1	<0.5	0.10	<5	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D62939 (332523)		<1	3.09	12	36	1.33	353	3.1	3.64	17.3	383	<20	<50	0.01	<1
D62940 (332524)		<1	1.73	16	17	1.64	359	3.4	3.33	15.3	327	<20	<50	0.01	<1
D62941 (332525)		<1	1.18	19	8	0.62	195	2.2	3.78	5.3	212	<20	<50	0.02	1
D62942 (332526)		<1	1.51	21	13	1.01	294	2.1	4.00	10.3	436	<20	<50	0.09	<1
D62943 (332527)		<1	1.85	20	21	1.12	298	2.2	4.59	6.6	394	<20	<50	0.03	<1
D62944 (332528)		<1	1.49	15	9	1.27	281	2.3	4.04	9.6	481	<20	<50	0.03	1
D62945 (332529)		<1	1.86	17	23	1.48	356	2.8	3.80	14.8	551	<20	<50	0.01	<1
D62946 (332530)		<1	0.45	9	10	4.20	1330	2.1	2.36	111	907	<20	<50	0.10	<1
D62947 (332531)		<1	1.81	20	24	1.14	340	2.5	3.59	11.1	433	<20	<50	0.04	<1
D62948 (332532)		<1	2.84	15	32	1.54	431	2.7	4.51	14.8	552	<20	<50	0.08	<1
D62949 (332533)		<1	1.83	19	16	1.39	348	2.5	3.69	9.8	486	<20	<50	0.02	<1
D62950 (332534)		<1	1.68	21	12	1.26	244	1.9	3.56	8.6	416	<20	<50	0.01	2
D62951 (332535)		<1	1.50	24	14	1.05	305	3.2	3.67	5.7	399	<20	<50	0.02	<1
D62952 (332536)		<1	0.03	2	<1	2.54	130	<0.5	0.03	0.7	90	<20	<50	0.04	<1
D62953 (332537)		<1	0.88	21	18	1.04	395	2.5	3.61	7.9	376	41	<50	0.04	1
D62954 (332538)		<1	0.13	19	10	2.40	980	2.2	2.81	37.6	913	294	<50	0.25	<1
D62955 (332539)		<1	0.56	13	12	2.54	1490	2.0	2.17	42.9	992	29	<50	0.20	<1
D62956 (332540)		<1	0.95	13	9	2.70	1550	1.9	2.05	43.2	1070	<20	<50	0.17	1
D62957 (332541)		<1	1.07	14	9	2.82	1860	1.9	2.02	46.5	1160	<20	<50	0.26	<1
D62958 (332542)		<1	1.08	14	9	2.81	1880	1.8	2.02	46.3	1120	<20	<50	0.25	<1
D62959 (332543)		<1	1.07	13	9	2.81	1760	2.0	1.92	45.2	1110	<20	<50	0.27	<1
D62960 (332544)		<1	0.95	14	9	2.65	1690	2.0	2.02	42.4	1040	<20	<50	0.24	1
D62961 (332545)		<1	1.50	13	14	2.73	1640	2.1	2.27	46.6	1060	<20	<50	0.24	<1
D62962 (332546)		<1	1.60	26	60	4.53	1780	2.9	2.74	164	1170	<20	<50	0.33	2
D62963 (332547)		<1	2.40	47	28	6.78	1760	3.4	0.92	298	2390	<20	<50	0.31	<1
D62964 (332548)		<1	1.41	26	25	3.77	1720	2.5	2.27	115	1340	<20	<50	0.69	<1
D62965 (332549)		<1	1.37	20	13	3.31	1730	2.1	1.83	78.9	1390	<20	<50	0.26	<1
D62966 (332550)		<1	0.45	9	10	4.23	1370	2.1	2.43	113	921	<20	<50	0.10	1
D62967 (332551)		<1	1.41	13	20	2.95	1510	2.1	2.51	52.7	998	<20	<50	0.27	<1
D62968 (332552)		<1	1.04	11	21	3.16	1640	1.8	1.82	46.6	1060	<20	<50	0.31	<1
D62969 (332553)		<1	1.13	21	19	4.28	1780	2.5	1.74	122	1330	<20	<50	0.20	<1
D62970 (332554)		<1	0.87	14	11	2.97	1690	2.5	1.65	53.0	1110	<20	<50	0.18	1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T489791

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D62971 (332555)		<1	1.01	14	10	2.93	1750	2.2	1.84	48.8	1100	<20	<50	0.17	<1
D62972 (332556)		<1	0.01	2	<1	1.76	124	<0.5	0.03	0.6	86	<20	<50	0.04	1
D62973 (332557)		<1	0.93	14	11	2.95	2050	1.9	2.00	46.0	1070	<20	<50	0.17	<1
D62974 (332558)		<1	0.91	14	13	2.92	2180	2.2	2.00	46.6	1060	<20	<50	0.21	<1
D62975 (332559)		<1	0.87	14	9	2.91	2150	1.9	2.07	47.8	1080	<20	<50	0.20	<1
D62976 (332560)		<1	1.37	14	14	2.84	2000	2.1	2.50	47.0	980	<20	<50	0.16	<1
D62977 (332561)		<1	0.98	16	8	2.86	1650	2.5	2.04	50.5	964	<20	<50	0.21	1
D62978 (332562)		<1	0.99	16	8	2.86	1650	2.1	2.07	50.8	991	<20	<50	0.19	<1
D70361 (332563)		<1	1.58	19	23	1.15	337	1.9	3.49	9.1	382	<20	<50	0.05	1
D70362 (332564)		<1	1.76	22	11	1.26	359	2.5	3.18	10.1	379	<20	<50	0.02	<1
D70363 (332565)		<1	1.71	20	13	1.22	316	4.7	3.11	10.7	428	<20	<50	0.02	<1
D70364 (332566)		<1	1.77	17	13	1.23	335	3.1	2.96	9.9	450	<20	<50	0.07	1
D70365 (332567)		<1	1.66	21	10	0.95	327	2.8	3.03	7.3	396	<20	<50	0.12	<1
D70366 (332568)		<1	0.24	3	13	4.33	1300	1.9	1.67	103	339	<20	<50	0.21	1
D70367 (332569)		<1	1.75	21	40	1.84	456	3.0	3.07	54.7	548	<20	<50	0.13	2
D70368 (332570)		<1	1.79	15	19	1.21	383	2.3	3.33	11.1	383	<20	<50	0.05	<1
D70369 (332571)		<1	1.90	15	25	0.96	354	2.5	3.26	7.9	437	<20	<50	0.04	1
D70370 (332572)		<1	1.67	23	18	0.80	284	1.8	3.41	5.3	268	<20	<50	0.10	<1
D70371 (332573)		<1	1.77	26	10	1.06	367	2.7	2.95	7.3	481	<20	<50	0.09	<1
D70372 (332574)		<1	0.02	2	<1	2.78	141	0.7	0.10	0.8	81	<20	<50	0.01	<1
D70373 (332575)		<1	1.66	20	12	1.35	518	6.4	2.23	12.8	489	<20	<50	0.06	<1
D70374 (332576)		<1	1.86	16	24	1.57	408	11.0	3.17	21.0	461	<20	<50	0.04	1
D70375 (332577)		<1	1.58	20	18	1.15	280	9.5	2.96	8.9	510	<20	<50	0.04	<1
D70376 (332578)		<1	2.05	16	30	1.49	500	10.8	3.12	19.1	417	<20	<50	0.03	<1
D70377 (332579)		<1	1.76	17	17	1.77	415	8.9	3.23	23.2	457	<20	<50	0.07	<1
D70378 (332580)		<1	1.67	18	16	1.69	390	8.1	3.13	22.9	451	<20	<50	0.06	<1
D70379 (332581)		<1	2.21	12	50	1.52	480	9.2	4.21	16.7	332	<20	<50	0.02	2
D70380 (332582)		<1	1.25	21	21	1.34	315	10.1	4.18	8.8	515	<20	<50	0.01	<1
D70381 (332583)		<1	1.71	15	13	1.62	432	9.6	4.07	22.2	416	<20	<50	0.03	1
D70382 (332584)		<1	1.72	16	12	1.46	343	8.8	3.70	20.4	427	<20	<50	0.05	<1
D70383 (332585)		<1	1.80	21	15	1.01	280	12.5	3.80	9.7	414	<20	<50	0.04	<1
D70384 (332586)		<1	1.35	15	16	1.31	308	10.4	4.36	13.9	412	<20	<50	0.02	<1

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T489791

PROJECT: AGAT00680

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

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SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D70385 (332587)		<1	1.37	19	8	1.03	274	11.5	4.26	8.6	358	<20	<50	0.01	<1
D70386 (332588)		<1	0.21	3	13	4.22	1430	1.5	2.43	88.8	377	<20	<50	0.15	3
D70387 (332589)		<1	1.37	22	7	1.17	264	11.0	4.00	8.9	395	<20	<50	0.02	<1
D70388 (332590)		<1	1.49	20	10	1.26	268	10.9	3.96	8.4	369	<20	<50	0.02	<1
D70389 (332591)		<1	1.43	19	9	1.00	256	13.2	3.93	7.5	360	<20	<50	0.05	2
D70390 (332592)		<1	0.47	6	2	0.33	121	25.7	1.83	6.4	140	<20	<50	0.02	<1
D70391 (332593)		<1	1.21	18	7	0.81	204	12.2	4.17	5.8	227	<20	<50	0.03	<1
D70392 (332594)		<1	0.02	<2	<1	3.51	139	1.1	0.03	0.7	86	<20	<50	<0.01	1

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T489791

PROJECT: AGAT00680

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D62939 (332523)	8	<10	<5	174	<10	<10	<5	0.17	<5	<50	40.6	<1	5	54.4
D62940 (332524)	7	<10	<5	152	<10	<10	<5	0.22	<5	<50	41.5	<1	6	43.6
D62941 (332525)	4	<10	<5	169	<10	<10	6	0.11	<5	<50	18.1	<1	4	27.9
D62942 (332526)	5	<10	<5	259	<10	<10	<5	0.20	<5	<50	34.3	<1	5	77.9
D62943 (332527)	5	<10	<5	239	<10	<10	<5	0.19	<5	<50	31.2	<1	6	28.2
D62944 (332528)	5	<10	<5	230	<10	<10	<5	0.20	<5	<50	38.1	<1	5	43.4
D62945 (332529)	7	<10	<5	185	<10	<10	<5	0.21	<5	<50	42.6	<1	6	40.4
D62946 (332530)	35	<10	<5	246	<10	<10	<5	0.87	<5	<50	247	<1	23	92.1
D62947 (332531)	6	<10	<5	166	<10	<10	<5	0.20	<5	<50	36.6	<1	8	39.8
D62948 (332532)	9	<10	<5	174	<10	<10	<5	0.24	<5	<50	48.1	<1	7	25.9
D62949 (332533)	6	<10	<5	176	<10	<10	<5	0.26	<5	<50	41.9	<1	6	42.0
D62950 (332534)	5	<10	<5	180	<10	<10	<5	0.23	<5	<50	36.1	<1	6	38.8
D62951 (332535)	5	<10	<5	182	<10	<10	<5	0.21	<5	<50	32.1	<1	7	69.0
D62952 (332536)	<1	<10	<5	72	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	4.6
D62953 (332537)	5	<10	<5	155	<10	<10	<5	0.20	<5	<50	35.4	<1	8	164
D62954 (332538)	31	<10	<5	119	<10	<10	<5	0.94	<5	<50	318	<1	31	1070
D62955 (332539)	47	<10	<5	188	<10	<10	<5	1.10	<5	<50	391	<1	30	167
D62956 (332540)	40	<10	<5	200	<10	<10	<5	1.16	<5	<50	400	<1	33	127
D62957 (332541)	41	<10	<5	161	<10	<10	<5	1.19	<5	<50	418	<1	40	193
D62958 (332542)	41	<10	<5	161	<10	<10	<5	1.20	<5	<50	422	<1	40	197
D62959 (332543)	41	<10	<5	166	<10	<10	<5	1.17	<5	<50	419	<1	37	125
D62960 (332544)	38	<10	<5	186	<10	<10	<5	1.10	<5	<50	387	<1	34	121
D62961 (332545)	46	<10	<5	198	<10	<10	<5	1.10	<5	<50	412	<1	36	132
D62962 (332546)	52	<10	<5	478	<10	<10	<5	1.00	<5	<50	326	<1	35	66.7
D62963 (332547)	28	<10	<5	581	<10	<10	<5	2.05	<5	<50	355	<1	32	99.8
D62964 (332548)	39	<10	<5	366	<10	<10	<5	1.27	<5	<50	357	<1	38	76.2
D62965 (332549)	40	<10	<5	260	<10	<10	<5	1.37	<5	<50	414	<1	40	119
D62966 (332550)	35	<10	<5	253	<10	<10	<5	0.88	<5	<50	251	<1	24	93.2
D62967 (332551)	43	<10	<5	203	<10	<10	<5	1.12	<5	<50	403	<1	38	70.3
D62968 (332552)	39	<10	<5	260	<10	<10	<5	1.19	<5	<50	419	<1	36	66.5
D62969 (332553)	38	<10	<5	386	<10	<10	<5	1.51	<5	<50	408	<1	35	99.9
D62970 (332554)	41	<10	<5	214	<10	<10	<5	1.21	<5	<50	429	<1	39	144

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T489791

PROJECT: AGAT00680

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D62971 (332555)	47	<10	<5	207	<10	<10	<5	1.24	<5	<50	455	<1	45	158
D62972 (332556)	<1	<10	<5	73	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	2.6
D62973 (332557)	42	<10	<5	249	<10	<10	<5	1.18	<5	<50	420	<1	43	136
D62974 (332558)	41	<10	<5	249	<10	<10	<5	1.20	<5	<50	424	<1	43	143
D62975 (332559)	42	<10	<5	194	<10	<10	<5	1.22	<5	<50	437	<1	43	153
D62976 (332560)	49	<10	<5	209	<10	<10	<5	1.13	<5	<50	450	<1	39	145
D62977 (332561)	41	<10	<5	160	<10	<10	<5	1.14	<5	<50	388	<1	39	134
D62978 (332562)	42	<10	<5	160	<10	<10	<5	1.15	<5	<50	389	<1	39	131
D70361 (332563)	6	<10	<5	193	<10	<10	<5	0.27	<5	<50	44.7	<1	8	56.1
D70362 (332564)	6	<10	<5	187	<10	<10	<5	0.26	<5	<50	43.1	<1	9	59.2
D70363 (332565)	7	<10	<5	159	<10	<10	<5	0.25	<5	<50	41.0	<1	8	51.7
D70364 (332566)	7	<10	<5	174	<10	<10	<5	0.24	<5	<50	40.9	<1	7	46.4
D70365 (332567)	6	<10	<5	186	<10	<10	<5	0.20	<5	<50	38.3	<1	8	35.9
D70366 (332568)	43	<10	<5	170	<10	<10	<5	0.60	<5	<50	286	<1	21	80.7
D70367 (332569)	7	<10	<5	276	<10	<10	<5	0.29	<5	<50	46.7	<1	9	105
D70368 (332570)	6	<10	<5	233	<10	<10	<5	0.21	<5	<50	39.0	<1	6	62.3
D70369 (332571)	9	<10	<5	172	<10	<10	<5	0.22	<5	<50	45.4	<1	8	40.9
D70370 (332572)	5	<10	<5	165	<10	<10	<5	0.12	<5	<50	19.3	<1	8	41.4
D70371 (332573)	5	<10	<5	128	<10	<10	<5	0.21	<5	<50	34.6	<1	9	41.5
D70372 (332574)	<1	<10	<5	64	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	5.3
D70373 (332575)	6	<10	<5	130	<10	<10	<5	0.20	<5	<50	40.1	<1	9	41.6
D70374 (332576)	8	<10	<5	160	<10	<10	<5	0.24	<5	<50	50.1	<1	6	52.2
D70375 (332577)	5	<10	<5	213	<10	<10	<5	0.23	<5	<50	38.8	<1	7	53.3
D70376 (332578)	9	<10	<5	225	<10	<10	<5	0.25	<5	<50	51.0	<1	9	61.5
D70377 (332579)	9	<10	<5	199	<10	<10	<5	0.26	<5	<50	54.2	<1	8	98.3
D70378 (332580)	9	<10	<5	192	<10	<10	<5	0.25	<5	<50	53.0	<1	7	96.3
D70379 (332581)	12	<10	<5	180	<10	<10	<5	0.23	<5	<50	53.5	<1	8	42.5
D70380 (332582)	6	<10	<5	196	<10	<10	<5	0.21	<5	<50	39.1	<1	8	39.6
D70381 (332583)	9	<10	<5	170	<10	<10	<5	0.24	<5	<50	56.8	<1	6	58.0
D70382 (332584)	8	<10	<5	176	<10	<10	<5	0.24	<5	<50	50.1	<1	7	52.9
D70383 (332585)	6	<10	<5	151	<10	<10	<5	0.22	<5	<50	36.2	<1	10	37.1
D70384 (332586)	6	<10	<5	198	<10	<10	<5	0.20	<5	<50	39.1	<1	7	25.9

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T489791

PROJECT: AGAT00680

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D70385 (332587)	5	<10	<5	189	<10	<10	<5	0.21	<5	<50	37.1	<1	5	28.1
D70386 (332588)	46	<10	<5	114	<10	<10	<5	0.71	<5	<50	320	<1	24	90.1
D70387 (332589)	5	<10	<5	215	<10	<10	<5	0.21	<5	<50	39.3	<1	5	33.9
D70388 (332590)	5	<10	<5	202	<10	<10	<5	0.22	<5	<50	46.2	<1	5	41.8
D70389 (332591)	5	<10	<5	255	<10	<10	<5	0.19	<5	<50	38.7	<1	5	33.3
D70390 (332592)	2	<10	<5	105	<10	<10	<5	0.05	<5	<50	11.1	<1	2	17.5
D70391 (332593)	4	<10	<5	220	<10	<10	<5	0.14	<5	<50	26.4	<1	4	32.9
D70392 (332594)	<1	<10	<5	62	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	3.3

Certified By:



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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D62939 (332523)	69
D62940 (332524)	78
D62941 (332525)	68
D62942 (332526)	22
D62943 (332527)	21
D62944 (332528)	18
D62945 (332529)	32
D62946 (332530)	90
D62947 (332531)	71
D62948 (332532)	75
D62949 (332533)	45
D62950 (332534)	30
D62951 (332535)	54
D62952 (332536)	<5
D62953 (332537)	47
D62954 (332538)	118
D62955 (332539)	121
D62956 (332540)	135
D62957 (332541)	122
D62958 (332542)	125
D62959 (332543)	127
D62960 (332544)	122
D62961 (332545)	125
D62962 (332546)	143
D62963 (332547)	206
D62964 (332548)	143
D62965 (332549)	141
D62966 (332550)	91
D62967 (332551)	130
D62968 (332552)	123
D62969 (332553)	153
D62970 (332554)	121

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T489791

PROJECT: AGAT00680

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D62971 (332555)				117
D62972 (332556)				<5
D62973 (332557)				120
D62974 (332558)				117
D62975 (332559)				126
D62976 (332560)				114
D62977 (332561)				125
D62978 (332562)				125
D70361 (332563)				43
D70362 (332564)				50
D70363 (332565)				91
D70364 (332566)				67
D70365 (332567)				82
D70366 (332568)				45
D70367 (332569)				84
D70368 (332570)				16
D70369 (332571)				102
D70370 (332572)				83
D70371 (332573)				76
D70372 (332574)				<5
D70373 (332575)				84
D70374 (332576)				43
D70375 (332577)				82
D70376 (332578)				105
D70377 (332579)				72
D70378 (332580)				70
D70379 (332581)				31
D70380 (332582)				23
D70381 (332583)				35
D70382 (332584)				92
D70383 (332585)				122
D70384 (332586)				48

Certified By:

# Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core


Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D70385 (332587)	31
D70386 (332588)	52
D70387 (332589)	34
D70388 (332590)	39
D70389 (332591)	36
D70390 (332592)	12
D70391 (332593)	58
D70392 (332594)	<5

Comments: RDL - Reported Detection Limit

332523-332594 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T489791

PROJECT: AGAT00680

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D62939 (332523)			0.001
D62940 (332524)			<0.001
D62941 (332525)			0.002
D62942 (332526)			0.003
D62943 (332527)			0.001
D62944 (332528)			0.002
D62945 (332529)			0.002
D62946 (332530)			0.331
D62947 (332531)			0.002
D62948 (332532)			0.001
D62949 (332533)			0.001
D62950 (332534)			0.002
D62951 (332535)			0.001
D62952 (332536)			<0.001
D62953 (332537)			0.003
D62954 (332538)			0.002
D62955 (332539)			0.002
D62956 (332540)			0.002
D62957 (332541)			0.001
D62958 (332542)			0.002
D62959 (332543)			0.001
D62960 (332544)			0.002
D62961 (332545)			0.002
D62962 (332546)			0.002
D62963 (332547)			0.004
D62964 (332548)			0.002
D62965 (332549)			0.001
D62966 (332550)			0.346
D62967 (332551)			0.002
D62968 (332552)			0.002
D62969 (332553)			0.007
D62970 (332554)			0.002

Certified By:



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AGAT WORK ORDER: 19T489791

PROJECT: AGAT00680

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D62971 (332555)			0.002
D62972 (332556)			<0.001
D62973 (332557)			0.009
D62974 (332558)			0.002
D62975 (332559)			0.003
D62976 (332560)			0.007
D62977 (332561)			0.005
D62978 (332562)			0.001
D70361 (332563)			0.003
D70362 (332564)			0.001
D70363 (332565)			0.002
D70364 (332566)			0.004
D70365 (332567)			0.004
D70366 (332568)			1.20
D70367 (332569)			0.004
D70368 (332570)			0.002
D70369 (332571)			0.003
D70370 (332572)			0.002
D70371 (332573)			0.001
D70372 (332574)			0.001
D70373 (332575)			0.004
D70374 (332576)			0.006
D70375 (332577)			0.002
D70376 (332578)			0.005
D70377 (332579)			0.007
D70378 (332580)			0.003
D70379 (332581)			0.003
D70380 (332582)			0.004
D70381 (332583)			0.003
D70382 (332584)			0.001
D70383 (332585)			0.002
D70384 (332586)			0.001

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T489791

PROJECT: AGAT00680

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D70385 (332587)			0.007
D70386 (332588)			0.526
D70387 (332589)			0.002
D70388 (332590)			0.002
D70389 (332591)			0.007
D70390 (332592)			0.001
D70391 (332593)			0.002
D70392 (332594)			0.001

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T489791

PROJECT: AGAT00680

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D62939 (332523)		87.68
D62957 (332541)		90.33
D62977 (332561)		90.91
D70380 (332582)		86.04

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	332523	< 0.5	< 0.5	0.0%	332537	< 0.5	< 0.5	0.0%	332548	< 0.5	< 0.5	0.0%	332562	< 0.5	< 0.5	0.0%
Al	332523	8.31	8.19	1.5%	332537	7.42	7.32	1.4%	332548	5.53	5.73	3.6%	332562	6.67	6.47	3.0%
As	332523	< 1	< 1	0.0%	332537	< 1	< 1	0.0%	332548	< 1	< 1	0.0%	332562	< 1	< 1	0.0%
Ba	332523	328	339	3.3%	332537	302	294	2.7%	332548	442	444	0.5%	332562	267	263	1.5%
Be	332523	1.2	1.2	0.0%	332537	0.9	0.9	0.0%	332548	2.05	2.09	1.9%	332562	1.0	1.0	0.0%
Bi	332523	< 1	< 1	0.0%	332537	< 1	< 1	0.0%	332548	< 1	< 1	0.0%	332562	< 1	< 1	0.0%
Ca	332523	1.19	1.14	4.3%	332537	1.44	1.43	0.7%	332548	6.10	6.10	0.0%	332562	5.72	5.55	3.0%
Cd	332523	< 0.5	< 0.5	0.0%	332537	< 0.5	< 0.5	0.0%	332548	< 0.5	< 0.5	0.0%	332562	< 0.5	< 0.5	0.0%
Ce	332523	24	25	4.1%	332537	44	42	4.7%	332548	53	52	1.9%	332562	33	32	3.1%
Co	332523	6.84	7.06	3.2%	332537	9.09	9.15	0.7%	332548	45.6	45.7	0.2%	332562	43.1	41.9	2.8%
Cr	332523	26.6	22.8	15.4%	332537	21.5	22.3	3.7%	332548	164	156	5.0%	332562	61.9	60.0	3.1%
Cu	332523	0.7	< 0.5		332537	16.5	16.3	1.2%	332548	143	141	1.4%	332562	133	130	2.3%
Fe	332523	2.48	2.43	2.0%	332537	3.15	3.13	0.6%	332548	10.6	10.7	0.9%	332562	11.2	10.8	3.6%
Ga	332523	16	17	6.1%	332537	16	15	6.5%	332548	35	36	2.8%	332562	37	36	2.7%
In	332523	< 1	< 1	0.0%	332537	< 1	< 1	0.0%	332548	< 1	< 1	0.0%	332562	< 1	< 1	0.0%
K	332523	3.09	3.02	2.3%	332537	0.88	0.87	1.1%	332548	1.41	1.47	4.2%	332562	0.99	0.97	2.0%
La	332523	12	12	0.0%	332537	21	20	4.9%	332548	26	25	3.9%	332562	16	15	6.5%
Li	332523	36	37	2.7%	332537	18	18	0.0%	332548	25	25	0.0%	332562	8	8	0.0%
Mg	332523	1.33	1.35	1.5%	332537	1.04	1.03	1.0%	332548	3.77	3.81	1.1%	332562	2.86	2.76	3.6%
Mn	332523	353	344	2.6%	332537	395	394	0.3%	332548	1720	1720	0.0%	332562	1650	1600	3.1%
Mo	332523	3.1	2.5	21.4%	332537	2.5	2.6	3.9%	332548	2.50	2.69	7.3%	332562	2.1	2.0	4.9%
Na	332523	3.64	3.55	2.5%	332537	3.61	3.59	0.6%	332548	2.27	2.35	3.5%	332562	2.07	2.00	3.4%
Ni	332523	17.3	14.8	15.6%	332537	7.92	8.02	1.3%	332548	115	113	1.8%	332562	50.8	49.5	2.6%
P	332523	383	375	2.1%	332537	376	396	5.2%	332548	1340	1290	3.8%	332562	991	919	7.5%
Pb	332523	< 20	< 20	0.0%	332537	41	39	5.0%	332548	< 20	< 20	0.0%	332562	< 20	< 20	0.0%
Rb	332523	< 50	< 50	0.0%	332537	< 50	< 50	0.0%	332548	< 50	< 50	0.0%	332562	< 50	< 50	0.0%
S	332523	0.01	0.01	0.0%	332537	0.04	0.04	0.0%	332548	0.688	0.766	10.7%	332562	0.19	0.19	0.0%
Sb	332523	< 1	< 1	0.0%	332537	1	< 1		332548	< 1	< 1	0.0%	332562	< 1	2	
Sc	332523	8	8	0.0%	332537	5	5	0.0%	332548	39	39	0.0%	332562	42	41	2.4%
Se	332523	< 10	< 10	0.0%	332537	< 10	< 10	0.0%	332548	< 10	< 10	0.0%	332562	< 10	< 10	0.0%
Sn	332523	< 5	< 5	0.0%	332537	< 5	< 5	0.0%	332548	< 5	< 5	0.0%	332562	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

Sr	332523	174	170	2.3%	332537	155	154	0.6%	332548	366	366	0.0%	332562	160	155	3.2%
Ta	332523	< 10	< 10	0.0%	332537	< 10	< 10	0.0%	332548	< 10	< 10	0.0%	332562	< 10	< 10	0.0%
Te	332523	< 10	< 10	0.0%	332537	< 10	< 10	0.0%	332548	< 10	< 10	0.0%	332562	< 10	< 10	0.0%
Th	332523	< 5	< 5	0.0%	332537	< 5	< 5	0.0%	332548	< 5	< 5	0.0%	332562	< 5	< 5	0.0%
Ti	332523	0.17	0.17	0.0%	332537	0.20	0.20	0.0%	332548	1.27	1.27	0.0%	332562	1.15	1.12	2.6%
Tl	332523	< 5	< 5	0.0%	332537	< 5	< 5	0.0%	332548	< 5	< 5	0.0%	332562	< 5	< 5	0.0%
U	332523	< 50	< 50	0.0%	332537	< 50	< 50	0.0%	332548	< 50	< 50	0.0%	332562	< 50	< 50	0.0%
V	332523	40.6	40.3	0.7%	332537	35.4	35.5	0.3%	332548	357	352	1.4%	332562	389	378	2.9%
W	332523	< 1	< 1	0.0%	332537	< 1	< 1	0.0%	332548	< 1	< 1	0.0%	332562	< 1	< 1	0.0%
Y	332523	5	5	0.0%	332537	8	8	0.0%	332548	38	37	2.7%	332562	39	37	5.3%
Zn	332523	54.4	57.6	5.7%	332537	164	161	1.8%	332548	76.2	74.6	2.1%	332562	131	128	2.3%
Zr	332523	69	74	7.0%	332537	47	42	11.2%	332548	143	138	3.6%	332562	125	116	7.5%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	332573	< 0.5	< 0.5	0.0%	332587	< 0.5	< 0.5	0.0%								
Al	332573	7.77	7.55	2.9%	332587	7.97	7.95	0.3%								
As	332573	< 1	< 1	0.0%	332587	< 1	< 1	0.0%								
Ba	332573	429	428	0.2%	332587	374	375	0.3%								
Be	332573	1.1	1.1	0.0%	332587	0.74	0.77	4.0%								
Bi	332573	< 1	< 1	0.0%	332587	< 1	< 1	0.0%								
Ca	332573	1.99	1.97	1.0%	332587	1.23	1.23	0.0%								
Cd	332573	< 0.5	< 0.5	0.0%	332587	< 0.5	< 0.5	0.0%								
Ce	332573	54	56	3.6%	332587	40	41	2.5%								
Co	332573	6.0	5.9	1.7%	332587	5.28	5.23	1.0%								
Cr	332573	22.3	18.8	17.0%	332587	88.9	76.0	15.6%								
Cu	332573	14.9	16.6	10.8%	332587	< 0.5	< 0.5	0.0%								
Fe	332573	2.36	2.34	0.9%	332587	1.91	1.90	0.5%								
Ga	332573	16	15	6.5%	332587	17	16	6.1%								
In	332573	< 1	< 1	0.0%	332587	< 1	< 1	0.0%								
K	332573	1.77	1.72	2.9%	332587	1.37	1.36	0.7%								
La	332573	26	27	3.8%	332587	19	20	5.1%								
Li	332573	10	10	0.0%	332587	8	9	11.8%								
Mg	332573	1.06	1.03	2.9%	332587	1.03	1.02	1.0%								
Mn	332573	367	356	3.0%	332587	274	274	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

Mo	332573	2.67	2.21	18.9%	332587	11.5	10.8	6.3%								
Na	332573	2.95	2.89	2.1%	332587	4.26	4.27	0.2%								
Ni	332573	7.27	6.85	5.9%	332587	8.64	8.78	1.6%								
P	332573	481	469	2.5%	332587	358	371	3.6%								
Pb	332573	< 20	< 20	0.0%	332587	< 20	< 20	0.0%								
Rb	332573	< 50	< 50	0.0%	332587	< 50	< 50	0.0%								
S	332573	0.091	0.101	10.4%	332587	0.014	0.015	6.9%								
Sb	332573	< 1	2		332587	< 1	< 1	0.0%								
Sc	332573	5	5	0.0%	332587	5	5	0.0%								
Se	332573	< 10	< 10	0.0%	332587	< 10	< 10	0.0%								
Sn	332573	< 5	< 5	0.0%	332587	< 5	< 5	0.0%								
Sr	332573	128	126	1.6%	332587	189	190	0.5%								
Ta	332573	< 10	< 10	0.0%	332587	< 10	< 10	0.0%								
Te	332573	< 10	< 10	0.0%	332587	< 10	< 10	0.0%								
Th	332573	< 5	< 5	0.0%	332587	< 5	< 5	0.0%								
Ti	332573	0.21	0.21	0.0%	332587	0.21	0.21	0.0%								
Tl	332573	< 5	< 5	0.0%	332587	< 5	< 5	0.0%								
U	332573	< 50	< 50	0.0%	332587	< 50	< 50	0.0%								
V	332573	34.6	32.9	5.0%	332587	37.1	37.6	1.3%								
W	332573	< 1	< 1	0.0%	332587	< 1	< 1	0.0%								
Y	332573	9	9	0.0%	332587	5	5	0.0%								
Zn	332573	41.5	43.2	4.0%	332587	28.1	28.5	1.4%								
Zr	332573	76	75	1.3%	332587	31	30	3.3%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	332523	0.001	< 0.001		332537	0.003	0.003	0.0%	332548	0.002	0.002	0.0%	332562	0.001	0.001	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	332573	0.001	0.007		332587	0.007	< 0.001									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.SY-4)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	11.36	104%	90% - 110%	8.17	8.39	103%	90% - 110%	6.96	7.03	101%	90% - 110%	10.95	11.28	103%	90% - 110%
As					26	24	91%	90% - 110%	124	135	109%	90% - 110%				
Ba	340	332	98%	90% - 110%	540	522	97%	90% - 110%	186	187	100%	90% - 110%	340	338	99%	90% - 110%
Be	2.6	2.8	109%	90% - 110%	4.0	3.3	82%	90% - 110%					2.6	2.8	106%	90% - 110%
Ca	5.72	5.66	99%	90% - 110%	0.907	0.883	97%	90% - 110%	4.01	4.11	103%	90% - 110%	5.72	5.68	99%	90% - 110%
Ce	122	119	97%	90% - 110%	98	105	107%	90% - 110%	24	22	91%	90% - 110%	122	117	96%	90% - 110%
Co									22.1	21.8	98%	90% - 110%				
Cr	12	10	80%	90% - 110%	60.3	62.8	104%	90% - 110%								
Cu					150	146	97%	90% - 110%	88.6	84.7	96%	90% - 110%				
Fe	4.34	4.15	96%	90% - 110%	3.77	3.72	99%	90% - 110%	7.56	7.77	103%	90% - 110%	4.34	4.17	96%	90% - 110%
Ga	35	33	95%	90% - 110%									35	37	105%	90% - 110%
K	1.37	1.48	108%	90% - 110%					2.021	2.112	104%	90% - 110%	1.37	1.5	109%	90% - 110%
La	58	54	93%	90% - 110%	44	46	103%	90% - 110%					58	54	93%	90% - 110%
Li	37	38	104%	90% - 110%	47	47	100%	90% - 110%					37	38	103%	90% - 110%
Mg	0.325	0.298	92%	90% - 110%	1.10	1.06	96%	90% - 110%	2.412	2.397	99%	90% - 110%	0.325	0.298	92%	90% - 110%
Mn					780	754	97%	90% - 110%	1510	1513	100%	90% - 110%				
Mo					14	14	102%	90% - 110%								
Na	5.267	5.599	106%	90% - 110%	1.624	1.692	104%	90% - 110%	0.617	0.641	104%	90% - 110%	5.267	5.582	106%	90% - 110%
Ni	9	8	88%	90% - 110%	32	33	105%	90% - 110%	77.1	75.9	98%	90% - 110%				
P					750	764	102%	90% - 110%	892	852	95%	90% - 110%				
Pb	10	8	80%	90% - 110%	31	30	96%	90% - 110%					10	9	91%	90% - 110%
S									0.348	0.354	102%	90% - 110%				
Sb					0.8	0.9	108%	90% - 110%								
Sc	1.1	1.1	101%	90% - 110%	12	13	108%	90% - 110%					1.1	1.1	101%	90% - 110%
Sr	1191	1159	97%	90% - 110%	144	147	102%	90% - 110%	92.8	90.3	97%	90% - 110%	1191	1175	99%	90% - 110%
Ti	0.172	0.17	99%	90% - 110%	0.53	0.50	94%	90% - 110%					0.172	0.171	100%	90% - 110%
V	8	8	105%	90% - 110%	77	83	108%	90% - 110%					8	8	104%	90% - 110%
Y	119	127	107%	90% - 110%									119	127	107%	90% - 110%
Zn	93	97	104%	90% - 110%	130	127	98%	90% - 110%	208	227	109%	90% - 110%	93	99	106%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP5G)				CRM #4 (ref.GSP7M)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.27	5.33	101%	90% - 110%	6.87	6.34	92%	90% - 110%	0.562	0.524	93%	90% - 110%	0.725	0.764	105%	90% - 110%



## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00680  
 SAMPLING SITE:

AGAT WORK ORDER: 19T489791  
 ATTENTION TO: Craig Yuill, Christine Shultis  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill, Christine Shultis

PROJECT: AGAT00681

AGAT WORK ORDER: 19T489794

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jul 17, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T489794

PROJECT: AGAT00681

5623 McADAM ROAD  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (200-) Sample Login Weight

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D62719 (332638)		1.54
D62720 (332639)		2.37
D62721 (332640)		2.64
D62722 (332641)		1.60
D62723 (332642)		2.17
D62724 (332643)		2.49
D62725 (332644)		2.30
D62726 (332645)		0.07
D62727 (332646)		1.54
D62728 (332647)		2.14
D62729 (332648)		2.22
D62730 (332649)		2.36
D62731 (332650)		2.50
D62732 (332651)		0.57
D62733 (332652)		0.71
D62734 (332653)		1.41
D62735 (332654)		2.60
D62736 (332655)		3.61
D62737 (332656)		3.69
D62738 (332657)		3.69
D62739 (332658)		1.95
D62740 (332659)		1.32
D62741 (332660)		1.40
D62742 (332661)		2.47
D62743 (332662)		2.02
D62744 (332663)		3.45
D62745 (332664)		3.86
D62746 (332665)		0.07
D62747 (332666)		3.58
D62748 (332667)		3.44
D62749 (332668)		2.35

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## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (200-) Sample Login Weight

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D62750 (332669)		2.29
D62751 (332670)		2.77
D62752 (332671)		0.62
D62753 (332672)		2.21
D62754 (332673)		1.30
D62755 (332674)		2.75
D62756 (332675)		2.80
D62757 (332676)		1.83
D62758 (332677)		1.83
D62759 (332678)		0.62
D62760 (332679)		2.87
D62761 (332680)		1.62
D62762 (332681)		2.30
D62763 (332682)		2.34
D62764 (332683)		1.89
D62765 (332684)		1.67
D62766 (332685)		0.07
D62767 (332686)		1.58
D62768 (332687)		0.98
D62769 (332688)		2.25
D62770 (332689)		2.57
D62771 (332690)		1.06
D62772 (332691)		0.55
D62773 (332692)		1.94
D62774 (332693)		0.69
D62775 (332694)		1.55
D62776 (332695)		2.34
D62777 (332696)		1.24
D62778 (332697)		1.24
D62779 (332698)		2.06
D62780 (332699)		1.99

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# Certificate of Analysis

AGAT WORK ORDER: 19T489794

PROJECT: AGAT00681

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## (200-) Sample Login Weight

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D62781 (332700)		2.07
D62782 (332701)		2.23
D62783 (332702)		2.13
D62784 (332703)		2.91
D62785 (332704)		1.09
D62786 (332705)		0.07
D62787 (332706)		2.64
D62788 (332707)		2.17
D62789 (332708)		1.64
D62790 (332709)		1.33

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T489794

PROJECT: AGAT00681

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D62719 (332638)		<0.5	7.95	<1	313	1.2	<1	3.30	<0.5	37	8.8	101	20.6	2.75	18
D62720 (332639)		<0.5	8.18	<1	645	1.0	<1	2.42	<0.5	57	6.4	81.7	33.9	2.33	17
D62721 (332640)		<0.5	8.15	<1	658	1.0	<1	2.70	<0.5	56	6.3	86.3	6.9	2.67	17
D62722 (332641)		<0.5	6.98	2	543	<0.5	<1	0.76	<0.5	20	<0.5	68.1	1.4	0.75	11
D62723 (332642)		<0.5	7.29	12	474	0.5	<1	0.80	<0.5	452	0.7	75.0	1.5	1.27	12
D62724 (332643)		<0.5	7.09	<1	540	<0.5	<1	0.76	<0.5	13	<0.5	70.9	1.4	1.07	11
D62725 (332644)		<0.5	8.04	<1	556	1.0	<1	3.08	<0.5	55	7.5	75.2	11.1	2.80	19
D62726 (332645)		<0.5	7.23	<1	146	<0.5	<1	6.94	<0.5	5	40.0	148	156	8.19	31
D62727 (332646)		<0.5	8.31	<1	472	0.9	<1	4.06	<0.5	41	12.8	108	4.9	3.34	21
D62728 (332647)		<0.5	8.03	<1	613	0.9	<1	3.13	<0.5	54	5.4	83.8	5.0	2.34	17
D62729 (332648)		<0.5	8.47	<1	607	1.0	<1	3.18	<0.5	52	10.4	106	6.3	2.60	19
D62730 (332649)		<0.5	8.22	<1	664	1.0	<1	2.71	<0.5	58	7.2	85.1	22.7	2.52	18
D62731 (332650)		<0.5	7.99	<1	245	0.7	<1	6.06	<0.5	18	44.5	154	98.2	8.79	34
D62732 (332651)		<0.5	0.14	1	16	<0.5	<1	32.5	<0.5	<1	<0.5	3.4	<0.5	0.14	<5
D62733 (332652)		<0.5	5.41	<1	284	1.0	<1	9.97	<0.5	38	42.1	244	112	8.21	30
D62734 (332653)		<0.5	8.22	<1	148	0.5	<1	6.86	<0.5	8	45.0	125	88.3	9.24	36
D62735 (332654)		<0.5	8.19	<1	76	0.7	<1	6.31	<0.5	8	42.2	137	101	9.00	35
D62736 (332655)		<0.5	7.98	<1	39	<0.5	<1	5.94	<0.5	6	42.5	135	94.0	9.61	39
D62737 (332656)		<0.5	8.41	<1	136	<0.5	<1	6.22	<0.5	6	44.6	140	119	9.08	37
D62738 (332657)		<0.5	8.11	<1	129	<0.5	<1	5.99	<0.5	6	44.1	136	113	8.74	36
D62739 (332658)		<0.5	8.29	<1	48	<0.5	<1	5.94	<0.5	7	42.8	140	36.5	8.58	36
D62740 (332659)		<0.5	7.60	<1	312	0.7	<1	1.41	<0.5	21	1.0	82.6	4.7	1.01	13
D62741 (332660)		<0.5	8.40	<1	76	0.6	<1	7.67	<0.5	9	42.8	131	139	7.43	35
D62742 (332661)		<0.5	8.99	<1	109	0.8	<1	5.57	<0.5	12	48.7	174	109	7.56	36
D62743 (332662)		<0.5	8.75	<1	164	0.6	<1	5.58	<0.5	11	50.1	151	115	7.18	34
D62744 (332663)		<0.5	8.90	<1	118	0.5	<1	5.86	<0.5	15	48.9	159	95.1	7.23	35
D62745 (332664)		<0.5	8.84	<1	82	0.6	<1	6.04	<0.5	11	50.7	159	108	7.21	35
D62746 (332665)		<0.5	7.55	<1	190	0.6	<1	6.57	<0.5	17	37.7	154	106	7.96	33
D62747 (332666)		<0.5	8.58	<1	166	0.6	<1	6.76	<0.5	13	47.8	162	104	7.83	35
D62748 (332667)		<0.5	8.97	<1	152	<0.5	<1	6.68	<0.5	11	50.8	170	107	7.60	35
D62749 (332668)		<0.5	8.80	<1	272	0.5	<1	6.62	<0.5	11	50.9	187	105	7.37	35
D62750 (332669)		<0.5	9.22	<1	215	<0.5	<1	6.51	<0.5	10	53.1	175	103	7.17	35

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T489794

PROJECT: AGAT00681

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D62751 (332670)		<0.5	8.79	<1	99	0.5	<1	4.13	<0.5	10	52.9	176	126	7.72	37
D62752 (332671)		<0.5	0.07	<1	14	<0.5	<1	32.4	<0.5	<1	<0.5	4.6	<0.5	0.11	<5
D62753 (332672)		<0.5	7.05	<1	354	0.5	<1	1.13	<0.5	7	0.5	69.4	2.1	0.63	12
D62754 (332673)		<0.5	7.99	<1	118	0.9	<1	4.33	<0.5	13	39.2	173	176	6.44	32
D62755 (332674)		<0.5	9.01	<1	188	0.5	<1	6.44	<0.5	14	49.3	184	124	7.66	38
D62756 (332675)		<0.5	8.92	<1	152	<0.5	<1	6.62	<0.5	11	48.6	165	102	6.82	34
D62757 (332676)		<0.5	8.91	<1	293	0.8	<1	5.70	<0.5	20	41.5	179	118	6.60	31
D62758 (332677)		<0.5	8.79	<1	293	0.8	<1	5.65	<0.5	21	41.4	166	117	6.52	33
D62759 (332678)		<0.5	7.95	<1	373	0.8	<1	3.00	<0.5	14	16.1	115	35.0	3.32	23
D62760 (332679)		<0.5	8.20	<1	258	1.0	<1	4.79	<0.5	26	30.4	160	94.3	5.15	26
D62761 (332680)		<0.5	8.04	<1	247	2.0	<1	5.13	<0.5	14	36.0	143	84.5	7.25	30
D62762 (332681)		<0.5	7.70	<1	388	2.0	<1	5.58	<0.5	22	44.2	190	147	8.03	30
D62763 (332682)		<0.5	8.04	<1	182	1.3	<1	5.47	<0.5	19	57.0	322	93.0	8.37	31
D62764 (332683)		<0.5	7.94	<1	186	0.8	<1	5.24	<0.5	20	54.4	240	44.5	8.02	30
D62765 (332684)		<0.5	8.03	<1	668	1.4	<1	2.38	<0.5	50	5.6	72.2	13.1	2.12	17
D62766 (332685)		<0.5	7.41	<1	144	<0.5	<1	6.86	<0.5	5	39.7	142	162	8.17	32
D62767 (332686)		<0.5	7.93	<1	414	1.6	<1	3.55	<0.5	39	16.7	98.1	27.0	3.44	20
D62768 (332687)		<0.5	8.72	<1	636	1.0	<1	5.14	<0.5	25	44.5	192	5.8	7.45	30
D62769 (332688)		<0.5	8.02	<1	434	1.3	<1	2.06	<0.5	47	6.5	80.3	9.9	2.11	17
D62770 (332689)		<0.5	7.79	<1	340	1.4	<1	2.38	<0.5	41	6.6	63.9	17.3	1.94	17
D62771 (332690)		<0.5	8.07	<1	524	1.2	<1	2.26	<0.5	50	5.9	89.5	31.9	2.18	19
D62772 (332691)		<0.5	0.06	<1	12	<0.5	<1	32.3	<0.5	<1	<0.5	3.5	<0.5	0.13	<5
D62773 (332692)		<0.5	7.76	<1	110	1.0	<1	6.29	<0.5	12	38.2	107	122	8.80	35
D62774 (332693)		<0.5	5.11	<1	97	1.0	<1	4.02	<0.5	9	26.7	162	45.1	5.98	23
D62775 (332694)		<0.5	7.84	<1	106	1.0	<1	5.78	<0.5	13	40.2	107	92.8	8.82	35
D62776 (332695)		<0.5	6.76	<1	254	1.0	<1	1.38	<0.5	14	5.0	97.8	3.3	2.05	15
D62777 (332696)		<0.5	7.04	<1	463	0.5	<1	1.57	<0.5	9	<0.5	60.7	2.4	0.65	13
D62778 (332697)		<0.5	7.18	<1	469	0.5	<1	0.75	<0.5	10	<0.5	68.2	2.5	0.68	13
D62779 (332698)		<0.5	7.36	<1	521	<0.5	<1	1.45	<0.5	7	<0.5	72.4	3.2	0.62	11
D62780 (332699)		<0.5	7.60	<1	337	0.8	<1	1.23	<0.5	12	0.7	82.5	8.1	1.01	15
D62781 (332700)		<0.5	7.59	<1	500	0.6	<1	0.86	<0.5	17	0.7	80.1	1.8	1.07	14
D62782 (332701)		<0.5	7.67	<1	425	1.8	<1	3.39	<0.5	58	6.1	78.6	10.6	2.63	19

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T489794

PROJECT: AGAT00681

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 07, 2019	DATE RECEIVED: Jul 08, 2019							DATE REPORTED: Jul 17, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D62783 (332702)	<0.5	7.77	1	615	1.6	<1	3.02	<0.5	52	4.0	80.6	4.3	2.55	19	
D62784 (332703)	<0.5	7.85	<1	439	1.0	<1	3.15	<0.5	44	5.4	91.2	0.6	2.93	21	
D62785 (332704)	<0.5	7.78	1	411	1.1	<1	2.95	<0.5	43	4.9	84.1	<0.5	2.38	19	
D62786 (332705)	<0.5	7.75	<1	197	0.6	<1	6.66	<0.5	15	37.2	144	110	8.13	32	
D62787 (332706)	<0.5	7.89	<1	402	1.1	<1	3.04	<0.5	44	5.8	56.5	<0.5	2.65	21	
D62788 (332707)	<0.5	8.03	<1	469	1.1	<1	3.18	<0.5	43	7.0	79.1	<0.5	2.85	19	
D62789 (332708)	<0.5	7.83	<1	422	1.1	<1	3.14	<0.5	42	5.0	71.9	1.1	3.00	20	
D62790 (332709)	<0.5	8.47	<1	376	0.7	<1	6.90	<0.5	52	40.5	114	176	9.39	39	

Certified By:





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PROJECT: AGAT00681

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### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 1	Rb ppm 10	S % 0.01	Sb ppm 1
D62719 (332638)		<1	1.28	18	18	0.90	420	13.1	2.91	19.0	542	4	11	0.06	2
D62720 (332639)		<1	2.23	26	20	0.76	367	11.7	2.91	15.6	647	8	15	0.08	<1
D62721 (332640)		<1	1.65	27	23	0.71	519	11.3	2.91	11.9	645	5	15	0.03	2
D62722 (332641)		<1	5.04	10	4	0.11	73	13.8	1.99	3.2	41	25	40	0.01	<1
D62723 (332642)		<1	4.97	232	8	0.20	117	11.9	2.08	3.2	348	53	46	0.01	<1
D62724 (332643)		<1	5.37	7	7	0.14	337	12.9	1.93	3.1	42	28	41	0.01	<1
D62725 (332644)		<1	1.53	26	19	0.70	519	9.8	2.74	14.7	618	6	15	0.04	2
D62726 (332645)		<1	0.20	3	13	4.21	1430	1.6	2.41	93.9	400	6	<10	0.16	2
D62727 (332646)		<1	1.41	20	17	0.73	805	11.6	2.56	25.5	509	5	<10	0.02	<1
D62728 (332647)		<1	2.05	26	17	0.66	448	10.6	2.48	13.8	584	5	12	0.03	1
D62729 (332648)		<1	1.79	24	19	0.64	570	12.2	2.79	28.1	682	6	13	0.02	<1
D62730 (332649)		<1	1.97	27	20	0.87	428	10.5	2.85	12.5	736	4	16	0.05	<1
D62731 (332650)		<1	1.53	8	19	3.72	1400	5.6	2.35	142	574	3	11	0.17	<1
D62732 (332651)		<1	0.03	2	1	1.96	129	<0.5	0.07	0.9	80	<1	<10	0.03	1
D62733 (332652)		<1	1.35	20	17	5.75	1590	3.2	1.55	220	901	6	16	0.19	2
D62734 (332653)		<1	0.69	4	12	3.91	1790	3.9	2.26	113	381	3	<10	0.14	2
D62735 (332654)		<1	0.32	4	15	3.10	1720	4.0	2.45	117	424	3	<10	0.23	<1
D62736 (332655)		<1	0.24	4	16	3.40	1800	4.5	2.40	115	417	4	<10	0.24	1
D62737 (332656)		<1	0.36	4	16	3.05	1690	4.8	2.75	129	408	3	<10	0.31	<1
D62738 (332657)		<1	0.35	3	15	2.93	1620	5.5	2.65	129	385	3	<10	0.29	<1
D62739 (332658)		<1	0.71	4	17	2.90	1600	7.4	2.64	125	413	4	<10	0.10	<1
D62740 (332659)		<1	3.09	10	4	0.09	745	16.3	2.91	4.9	42	23	21	0.02	1
D62741 (332660)		<1	0.98	5	25	2.10	1280	3.8	2.74	129	448	4	10	0.38	<1
D62742 (332661)		<1	0.71	6	16	1.83	1300	6.8	3.27	146	518	3	<10	0.38	2
D62743 (332662)		<1	0.51	5	15	1.85	1120	5.4	3.19	151	497	3	<10	0.48	<1
D62744 (332663)		<1	0.31	7	17	2.24	1120	5.6	3.04	151	554	2	<10	0.42	<1
D62745 (332664)		<1	0.29	5	17	1.94	1070	5.4	2.99	158	502	<1	<10	0.47	2
D62746 (332665)		<1	0.44	9	11	4.25	1380	2.0	2.47	113	772	5	<10	0.10	3
D62747 (332666)		<1	0.56	6	18	2.08	1240	5.1	2.30	145	557	2	<10	0.32	<1
D62748 (332667)		<1	0.69	6	18	2.00	1150	6.8	2.37	152	567	<1	<10	0.33	<1
D62749 (332668)		<1	0.95	5	19	1.49	1250	7.6	2.26	151	523	3	<10	0.41	<1
D62750 (332669)		<1	0.74	5	18	1.49	1190	6.8	2.42	161	448	2	<10	0.46	<1

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AGAT WORK ORDER: 19T489794

PROJECT: AGAT00681

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 1	Rb ppm 10	S % 0.01	Sb ppm 1
D62751 (332670)		<1	1.84	5	46	2.74	930	6.9	2.60	160	496	5	29	0.65	<1
D62752 (332671)		<1	0.01	2	1	2.09	125	0.9	0.04	0.6	68	<1	<10	0.05	<1
D62753 (332672)		<1	3.85	4	2	0.05	457	13.5	2.34	4.1	29	23	29	0.02	3
D62754 (332673)		<1	1.09	6	27	1.44	863	11.3	2.52	115	304	7	16	0.90	2
D62755 (332674)		<1	0.70	6	17	1.78	1110	7.0	2.44	152	599	2	<10	0.64	<1
D62756 (332675)		<1	0.70	5	16	1.57	1110	6.3	2.25	154	497	3	<10	0.59	<1
D62757 (332676)		<1	1.07	9	20	1.51	886	10.2	2.30	129	401	4	13	0.86	1
D62758 (332677)		<1	1.06	9	20	1.50	879	9.5	2.27	128	397	3	12	0.83	1
D62759 (332678)		<1	2.23	6	21	0.78	472	12.1	2.09	60.6	212	12	21	0.24	2
D62760 (332679)		<1	0.99	12	19	1.41	853	11.1	2.52	95.6	390	7	<10	0.63	<1
D62761 (332680)		<1	1.19	7	36	3.23	1070	5.3	2.72	134	419	8	<10	0.24	2
D62762 (332681)		<1	0.73	11	36	4.28	1190	3.5	3.28	247	851	11	<10	0.14	2
D62763 (332682)		<1	0.77	9	47	6.08	1200	1.9	2.46	400	723	3	<10	0.09	3
D62764 (332683)		<1	1.36	9	44	6.04	1130	2.2	2.28	383	680	3	<10	0.08	1
D62765 (332684)		<1	1.98	24	18	0.84	279	8.5	3.40	17.8	554	4	12	0.05	1
D62766 (332685)		<1	0.21	3	13	4.27	1420	1.6	2.40	93.0	413	4	<10	0.17	2
D62767 (332686)		<1	2.05	19	25	1.73	516	7.1	2.89	76.2	720	20	14	0.11	2
D62768 (332687)		<1	3.19	12	37	5.09	989	2.2	2.15	281	727	5	23	0.06	2
D62769 (332688)		<1	2.34	24	15	0.75	372	9.1	4.17	21.9	585	4	14	0.07	<1
D62770 (332689)		<1	1.57	21	6	0.61	352	7.8	4.88	20.9	898	3	<10	0.09	2
D62771 (332690)		<1	1.52	24	13	0.54	469	12.3	3.86	12.7	480	6	12	0.09	2
D62772 (332691)		<1	<0.01	2	1	2.71	132	0.7	0.04	0.8	68	<1	<10	0.06	<1
D62773 (332692)		<1	0.92	6	19	2.97	1770	5.1	2.43	112	378	4	<10	0.29	<1
D62774 (332693)		<1	0.48	5	16	2.02	1220	13.4	1.73	78.5	271	4	<10	0.11	<1
D62775 (332694)		<1	0.65	6	20	3.05	1690	4.3	2.57	116	433	4	<10	0.19	2
D62776 (332695)		<1	3.32	7	11	0.47	349	13.3	2.34	18.0	86	15	30	0.02	1
D62777 (332696)		<1	5.50	5	4	0.13	234	12.5	2.02	2.9	37	26	40	0.01	1
D62778 (332697)		<1	5.59	5	4	0.09	242	14.1	2.04	3.5	34	27	42	0.01	1
D62779 (332698)		<1	6.33	4	4	0.11	192	14.9	2.02	3.4	28	29	45	0.01	1
D62780 (332699)		<1	3.84	7	5	0.10	520	14.6	2.83	4.6	33	29	28	0.02	<1
D62781 (332700)		<1	5.58	9	9	0.16	220	14.3	2.19	3.8	82	25	46	0.01	1
D62782 (332701)		<1	1.31	28	17	0.69	562	9.5	2.90	13.3	660	6	13	0.03	<1

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Rb ppm	S %	Sb ppm
D62783 (332702)		<1	2.41	25	12	0.61	592	11.2	3.05	8.3	296	5	18	0.02	1
D62784 (332703)		<1	1.93	22	16	0.52	520	10.1	2.52	8.9	380	5	15	0.01	<1
D62785 (332704)		<1	1.83	22	16	0.46	426	12.3	2.63	6.5	404	5	15	0.01	2
D62786 (332705)		<1	0.46	9	11	4.33	1410	1.7	2.52	111	852	4	<10	0.11	2
D62787 (332706)		<1	1.80	22	18	0.55	460	10.2	2.60	6.7	386	6	15	0.01	1
D62788 (332707)		<1	1.77	22	19	0.62	518	10.7	2.63	11.8	347	5	14	0.02	<1
D62789 (332708)		<1	1.82	21	21	0.70	583	10.2	2.41	8.5	387	5	16	0.02	2
D62790 (332709)		<1	1.18	22	19	1.98	2050	6.1	1.97	109	1510	4	12	0.29	<1

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ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	5	0.5	1	1	0.5
D62719 (332638)	8	<10	<5	271	<10	<10	<5	0.27	<5	<5	55.1	<1	10	61.9
D62720 (332639)	5	<10	<5	261	<10	<10	<5	0.22	<5	<5	40.8	<1	8	60.8
D62721 (332640)	5	<10	<5	249	<10	<10	<5	0.23	<5	<5	43.4	<1	9	53.4
D62722 (332641)	1	<10	<5	130	<10	<10	8	0.05	<5	<5	3.9	<1	<1	25.3
D62723 (332642)	3	<10	<5	124	<10	<10	210	0.09	<5	<5	5.8	<1	6	44.6
D62724 (332643)	2	<10	<5	132	<10	<10	<5	0.06	<5	<5	4.1	<1	4	36.3
D62725 (332644)	5	<10	<5	221	<10	<10	<5	0.23	<5	<5	43.3	<1	8	61.1
D62726 (332645)	47	<10	<5	112	<10	<10	<5	0.68	<5	<5	321	<1	24	80.9
D62727 (332646)	9	<10	<5	205	<10	<10	<5	0.38	<5	<5	68.8	<1	10	60.6
D62728 (332647)	5	<10	<5	224	<10	<10	<5	0.22	<5	<5	41.1	<1	7	53.2
D62729 (332648)	7	<10	<5	255	<10	<10	<5	0.33	<5	<5	59.2	<1	11	57.6
D62730 (332649)	5	<10	<5	307	<10	<10	<5	0.25	<5	<5	46.1	<1	9	55.6
D62731 (332650)	32	<10	<5	222	<10	<10	<5	0.80	<5	<5	239	<1	23	133
D62732 (332651)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	5	1.3	<1	2	2.9
D62733 (332652)	35	<10	<5	318	<10	<10	<5	1.09	<5	<5	290	<1	20	85.9
D62734 (332653)	43	<10	<5	173	<10	<10	<5	0.76	<5	<5	318	<1	23	112
D62735 (332654)	28	<10	<5	198	<10	<10	<5	1.03	<5	<5	227	<1	26	131
D62736 (332655)	27	<10	<5	163	<10	<10	<5	1.06	<5	<5	216	<1	26	139
D62737 (332656)	27	<10	<5	199	<10	<10	<5	1.09	<5	<5	218	<1	26	143
D62738 (332657)	26	<10	<5	192	<10	<10	<5	1.05	<5	<5	212	<1	26	139
D62739 (332658)	26	<10	<5	201	<10	<10	<5	1.05	<5	<5	206	<1	26	148
D62740 (332659)	4	<10	<5	132	<10	<10	19	0.02	<5	<5	4.0	<1	14	13.6
D62741 (332660)	26	<10	<5	211	<10	<10	<5	1.05	<5	<5	206	<1	27	176
D62742 (332661)	28	<10	<5	231	<10	<10	<5	1.12	<5	<5	220	<1	30	183
D62743 (332662)	28	<10	<5	235	<10	<10	<5	1.11	<5	<5	220	<1	29	179
D62744 (332663)	28	<10	<5	218	<10	<10	<5	1.10	<5	<5	221	<1	28	184
D62745 (332664)	28	<10	<5	244	<10	<10	<5	1.14	<5	<5	219	<1	28	190
D62746 (332665)	35	<10	<5	249	<10	<10	<5	0.85	<5	<5	250	<1	24	90.9
D62747 (332666)	27	<10	<5	199	<10	<10	<5	1.07	<5	<5	213	<1	29	181
D62748 (332667)	27	<10	<5	192	<10	<10	<5	1.11	<5	<5	220	<1	29	183
D62749 (332668)	28	<10	<5	246	<10	<10	<5	1.12	<5	<5	224	<1	30	199
D62750 (332669)	29	<10	<5	228	<10	<10	<5	1.17	<5	<5	232	<1	29	198

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## Certificate of Analysis

AGAT WORK ORDER: 19T489794

PROJECT: AGAT00681

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	5	0.5	1	1	0.5
D62751 (332670)	27	<10	<5	217	<10	<10	<5	1.10	<5	<5	216	<1	28	310
D62752 (332671)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<5	1.4	<1	2	3.5
D62753 (332672)	3	<10	<5	126	<10	<10	<5	0.01	<5	<5	3.2	<1	9	8.1
D62754 (332673)	19	<10	<5	145	<10	<10	<5	0.72	<5	<5	146	<1	20	193
D62755 (332674)	27	<10	<5	225	<10	<10	<5	1.15	<5	<5	222	<1	29	252
D62756 (332675)	28	<10	<5	236	<10	<10	<5	1.14	<5	<5	221	<1	28	192
D62757 (332676)	24	<10	<5	219	<10	<10	<5	0.99	<5	<5	188	<1	28	201
D62758 (332677)	24	<10	<5	215	<10	<10	<5	0.98	<5	<5	189	<1	28	200
D62759 (332678)	11	<10	<5	156	<10	<10	<5	0.44	<5	<5	82.3	<1	14	92.0
D62760 (332679)	19	<10	<5	283	<10	<10	<5	0.76	<5	<5	144	<1	25	121
D62761 (332680)	22	<10	<5	263	<10	<10	<5	0.49	<5	<5	143	<1	18	93.6
D62762 (332681)	25	<10	<5	323	<10	<10	<5	0.42	<5	<5	140	<1	20	126
D62763 (332682)	17	<10	<5	259	<10	<10	<5	0.56	<5	<5	124	<1	19	100
D62764 (332683)	16	<10	<5	265	<10	<10	<5	0.56	<5	<5	115	<1	17	94.6
D62765 (332684)	6	<10	<5	245	<10	<10	<5	0.19	<5	<5	41.3	<1	8	49.0
D62766 (332685)	47	<10	<5	110	<10	<10	<5	0.67	<5	<5	318	<1	24	79.9
D62767 (332686)	11	<10	<5	274	<10	<10	<5	0.26	<5	<5	66.8	<1	11	97.1
D62768 (332687)	16	<10	<5	301	<10	<10	<5	0.53	<5	<5	108	<1	18	103
D62769 (332688)	9	<10	<5	224	<10	<10	<5	0.16	<5	<5	46.1	<1	8	47.4
D62770 (332689)	9	<10	<5	210	<10	<10	<5	0.10	<5	<5	38.2	<1	7	56.9
D62771 (332690)	7	<10	<5	268	<10	<10	<5	0.19	<5	<5	39.5	<1	11	53.0
D62772 (332691)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	6	1.6	<1	2	5.0
D62773 (332692)	25	<10	<5	238	<10	<10	<5	0.76	<5	<5	178	<1	24	120
D62774 (332693)	15	<10	<5	161	<10	<10	<5	0.46	<5	<5	114	<1	16	76.1
D62775 (332694)	24	<10	<5	245	<10	<10	<5	0.77	<5	<5	183	<1	25	120
D62776 (332695)	5	<10	<5	108	<10	<10	<5	0.15	<5	<5	28.5	<1	6	61.0
D62777 (332696)	2	<10	<5	125	<10	<10	<5	0.03	<5	<5	3.5	<1	5	16.9
D62778 (332697)	2	<10	<5	127	<10	<10	<5	0.03	<5	<5	3.5	<1	5	17.3
D62779 (332698)	1	<10	<5	133	<10	<10	<5	0.03	<5	<5	3.1	<1	3	17.3
D62780 (332699)	3	<10	<5	132	<10	<10	7	0.04	<5	<5	3.5	<1	11	41.6
D62781 (332700)	2	<10	<5	142	<10	<10	<5	0.07	<5	<5	6.7	<1	4	29.6
D62782 (332701)	7	<10	<5	316	<10	<10	<5	0.24	<5	<5	44.2	<1	13	52.4

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AGAT WORK ORDER: 19T489794

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	5	0.5	1	1	0.5
D62783 (332702)	8	<10	<5	270	<10	<10	5	0.19	<5	<5	40.6	<1	12	49.4
D62784 (332703)	8	<10	<5	230	<10	<10	<5	0.24	<5	<5	41.4	<1	13	62.1
D62785 (332704)	6	<10	<5	236	<10	<10	<5	0.21	<5	<5	34.4	<1	12	54.1
D62786 (332705)	35	<10	<5	253	<10	<10	<5	0.88	<5	<5	249	<1	24	93.3
D62787 (332706)	6	<10	<5	239	<10	<10	<5	0.22	<5	<5	35.1	<1	13	58.1
D62788 (332707)	7	<10	<5	265	<10	<10	<5	0.23	<5	<5	39.5	<1	14	61.3
D62789 (332708)	7	<10	<5	253	<10	<10	<5	0.23	<5	<5	37.6	<1	13	51.3
D62790 (332709)	26	<10	<5	274	<10	<10	<5	1.04	<5	<5	183	<1	29	132

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5623 McADAM ROAD  
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 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D62719 (332638)			82
D62720 (332639)			103
D62721 (332640)			89
D62722 (332641)			49
D62723 (332642)			14
D62724 (332643)			10
D62725 (332644)			88
D62726 (332645)			56
D62727 (332646)			46
D62728 (332647)			66
D62729 (332648)			63
D62730 (332649)			86
D62731 (332650)			18
D62732 (332651)			<5
D62733 (332652)			88
D62734 (332653)			16
D62735 (332654)			16
D62736 (332655)			18
D62737 (332656)			13
D62738 (332657)			12
D62739 (332658)			33
D62740 (332659)			167
D62741 (332660)			28
D62742 (332661)			12
D62743 (332662)			13
D62744 (332663)			16
D62745 (332664)			11
D62746 (332665)			87
D62747 (332666)			19
D62748 (332667)			19
D62749 (332668)			21
D62750 (332669)			19

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T489794

PROJECT: AGAT00681

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D62751 (332670)				51
D62752 (332671)				<5
D62753 (332672)				102
D62754 (332673)				56
D62755 (332674)				21
D62756 (332675)				20
D62757 (332676)				24
D62758 (332677)				25
D62759 (332678)				48
D62760 (332679)				52
D62761 (332680)				41
D62762 (332681)				25
D62763 (332682)				28
D62764 (332683)				24
D62765 (332684)				63
D62766 (332685)				55
D62767 (332686)				76
D62768 (332687)				31
D62769 (332688)				43
D62770 (332689)				30
D62771 (332690)				71
D62772 (332691)				<5
D62773 (332692)				29
D62774 (332693)				31
D62775 (332694)				25
D62776 (332695)				81
D62777 (332696)				19
D62778 (332697)				14
D62779 (332698)				22
D62780 (332699)				33
D62781 (332700)				28
D62782 (332701)				120

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T489794

PROJECT: AGAT00681

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core


Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D62783 (332702)			116
D62784 (332703)			143
D62785 (332704)			149
D62786 (332705)			93
D62787 (332706)			149
D62788 (332707)			150
D62789 (332708)			144
D62790 (332709)			19

Comments: RDL - Reported Detection Limit

332638-332709 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

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## Certificate of Analysis

AGAT WORK ORDER: 19T489794

PROJECT: AGAT00681

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D62719 (332638)		0.014	
D62720 (332639)		0.021	
D62721 (332640)		0.003	
D62722 (332641)		<0.001	
D62723 (332642)		<0.001	
D62724 (332643)		<0.001	
D62725 (332644)		0.002	
D62726 (332645)		0.546	
D62727 (332646)		0.001	
D62728 (332647)		0.001	
D62729 (332648)		<0.001	
D62730 (332649)		0.030	
D62731 (332650)		0.003	
D62732 (332651)		<0.001	
D62733 (332652)		0.004	
D62734 (332653)		0.004	
D62735 (332654)		0.006	
D62736 (332655)		0.003	
D62737 (332656)		0.002	
D62738 (332657)		0.015	
D62739 (332658)		0.001	
D62740 (332659)		<0.001	
D62741 (332660)		0.003	
D62742 (332661)		0.003	
D62743 (332662)		0.003	
D62744 (332663)		0.002	
D62745 (332664)		0.002	
D62746 (332665)		0.341	
D62747 (332666)		0.003	
D62748 (332667)		0.002	
D62749 (332668)		0.005	
D62750 (332669)		0.004	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T489794

PROJECT: AGAT00681

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D62751 (332670)			0.004
D62752 (332671)			<0.001
D62753 (332672)			<0.001
D62754 (332673)			0.017
D62755 (332674)			0.005
D62756 (332675)			0.010
D62757 (332676)			0.016
D62758 (332677)			0.017
D62759 (332678)			0.003
D62760 (332679)			0.015
D62761 (332680)			0.003
D62762 (332681)			0.002
D62763 (332682)			0.002
D62764 (332683)			0.002
D62765 (332684)			0.001
D62766 (332685)			0.519
D62767 (332686)			0.003
D62768 (332687)			0.003
D62769 (332688)			0.003
D62770 (332689)			0.002
D62771 (332690)			0.001
D62772 (332691)			<0.001
D62773 (332692)			0.005
D62774 (332693)			0.002
D62775 (332694)			0.002
D62776 (332695)			0.001
D62777 (332696)			<0.001
D62778 (332697)			0.001
D62779 (332698)			0.001
D62780 (332699)			<0.001
D62781 (332700)			<0.001
D62782 (332701)			0.001

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T489794

PROJECT: AGAT00681

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D62783 (332702)			<0.001
D62784 (332703)			0.001
D62785 (332704)			<0.001
D62786 (332705)			0.341
D62787 (332706)			0.002
D62788 (332707)			0.002
D62789 (332708)			0.001
D62790 (332709)			0.028

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T489794

PROJECT: AGAT00681

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 07, 2019      DATE RECEIVED: Jul 08, 2019      DATE REPORTED: Jul 17, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D62719 (332638)		83.58
D62738 (332657)		81.27
D62778 (332697)		83.45

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T489794

PROJECT: AGAT00681

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 07, 2019

DATE RECEIVED: Jul 08, 2019

DATE REPORTED: Jul 17, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D62719 (332638)		88.78
D62759 (332678)		85.55

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	332638	< 0.5	< 0.5	0.0%	332652	< 0.5	< 0.5	0.0%	332663	< 0.5	< 0.5	0.0%	332677	< 0.5	< 0.5	0.0%
Al	332638	7.95	7.91	0.5%	332652	5.41	5.43	0.4%	332663	8.90	8.78	1.4%	332677	8.79	8.64	1.7%
As	332638	< 1	< 1	0.0%	332652	< 1	< 1	0.0%	332663	< 1	< 1	0.0%	332677	< 1	< 1	0.0%
Ba	332638	313	304	2.9%	332652	284	284	0.0%	332663	118	118	0.0%	332677	293	281	4.2%
Be	332638	1.2	1.2	0.0%	332652	1.0	1.0	0.0%	332663	0.5	0.5	0.0%	332677	0.8	0.8	0.0%
Bi	332638	< 1	< 1	0.0%	332652	< 1	< 1	0.0%	332663	< 1	< 1	0.0%	332677	< 1	< 1	0.0%
Ca	332638	3.30	3.15	4.7%	332652	9.97	9.50	4.8%	332663	5.86	5.96	1.7%	332677	5.65	5.55	1.8%
Cd	332638	< 0.5	< 0.5	0.0%	332652	< 0.5	< 0.5	0.0%	332663	< 0.5	< 0.5	0.0%	332677	< 0.5	< 0.5	0.0%
Ce	332638	37	37	0.0%	332652	38	37	2.7%	332663	15	13	14.3%	332677	21	20	4.9%
Co	332638	8.82	9.52	7.6%	332652	42.1	42.4	0.7%	332663	48.9	48.8	0.2%	332677	41.4	40.6	2.0%
Cr	332638	101	104	2.9%	332652	244	233	4.6%	332663	159	156	1.9%	332677	166	173	4.1%
Cu	332638	20.6	21.1	2.4%	332652	112	113	0.9%	332663	95.1	93.4	1.8%	332677	117	112	4.4%
Fe	332638	2.75	2.75	0.0%	332652	8.21	8.00	2.6%	332663	7.23	7.32	1.2%	332677	6.52	6.42	1.5%
Ga	332638	18	17	5.7%	332652	30	29	3.4%	332663	35	35	0.0%	332677	33	34	3.0%
In	332638	< 1	< 1	0.0%	332652	< 1	< 1	0.0%	332663	< 1	< 1	0.0%	332677	< 1	< 1	0.0%
K	332638	1.28	1.29	0.8%	332652	1.35	1.36	0.7%	332663	0.306	0.304	0.7%	332677	1.06	1.04	1.9%
La	332638	18	18	0.0%	332652	20	20	0.0%	332663	7	6	15.4%	332677	9	9	0.0%
Li	332638	18	18	0.0%	332652	17	18	5.7%	332663	17	17	0.0%	332677	20	20	0.0%
Mg	332638	0.90	0.90	0.0%	332652	5.75	5.77	0.3%	332663	2.24	2.22	0.9%	332677	1.50	1.46	2.7%
Mn	332638	420	420	0.0%	332652	1590	1550	2.5%	332663	1120	1100	1.8%	332677	879	867	1.4%
Mo	332638	13.1	13.2	0.8%	332652	3.2	3.0	6.5%	332663	5.6	4.9	13.3%	332677	9.5	9.0	5.4%
Na	332638	2.91	2.75	5.7%	332652	1.55	1.52	2.0%	332663	3.04	3.08	1.3%	332677	2.27	2.26	0.4%
Ni	332638	19.0	18.5	2.7%	332652	220	219	0.5%	332663	151	151	0.0%	332677	128	124	3.2%
P	332638	542	555	2.4%	332652	901	880	2.4%	332663	554	566	2.1%	332677	397	402	1.3%
Pb	332638	4	3	28.6%	332652	6	6	0.0%	332663	2	2	0.0%	332677	3	4	28.6%
Rb	332638	11	10	9.5%	332652	16	15	6.5%	332663	< 10	< 10	0.0%	332677	12	12	0.0%
S	332638	0.06	0.06	0.0%	332652	0.19	0.19	0.0%	332663	0.42	0.42	0.0%	332677	0.829	0.782	5.8%
Sb	332638	2	< 1		332652	2	< 1		332663	< 1	< 1	0.0%	332677	1	1	0.0%
Sc	332638	8	8	0.0%	332652	35	35	0.0%	332663	28	27	3.6%	332677	24	23	4.3%
Se	332638	< 10	< 10	0.0%	332652	< 10	< 10	0.0%	332663	< 10	< 10	0.0%	332677	< 10	< 10	0.0%
Sn	332638	< 5	< 5	0.0%	332652	< 5	< 5	0.0%	332663	< 5	< 5	0.0%	332677	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

Sr	332638	271	257	5.3%	332652	318	312	1.9%	332663	218	221	1.4%	332677	215	215	0.0%
Ta	332638	< 10	< 10	0.0%	332652	< 10	< 10	0.0%	332663	< 10	< 10	0.0%	332677	< 10	< 10	0.0%
Te	332638	< 10	< 10	0.0%	332652	< 10	< 10	0.0%	332663	< 10	< 10	0.0%	332677	< 10	< 10	0.0%
Th	332638	< 5	< 5	0.0%	332652	< 5	< 5	0.0%	332663	< 5	< 5	0.0%	332677	< 5	< 5	0.0%
Ti	332638	0.27	0.26	3.8%	332652	1.09	1.06	2.8%	332663	1.10	1.10	0.0%	332677	0.98	0.97	1.0%
Tl	332638	< 5	< 5	0.0%	332652	< 5	< 5	0.0%	332663	< 5	< 5	0.0%	332677	< 5	< 5	0.0%
U	332638	< 5	< 5	0.0%	332652	< 5	< 5	0.0%	332663	< 5	< 5	0.0%	332677	< 5	< 5	0.0%
V	332638	55.1	56.5	2.5%	332652	290	290	0.0%	332663	221	219	0.9%	332677	189	183	3.2%
W	332638	< 1	< 1	0.0%	332652	< 1	< 1	0.0%	332663	< 1	< 1	0.0%	332677	< 1	< 1	0.0%
Y	332638	10	10	0.0%	332652	20	20	0.0%	332663	28	28	0.0%	332677	28	27	3.6%
Zn	332638	61.9	61.5	0.6%	332652	85.9	83.8	2.5%	332663	184	181	1.6%	332677	200	192	4.1%
Zr	332638	82	95	14.7%	332652	88	85	3.5%	332663	16	15	6.5%	332677	25	23	8.3%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	332688	< 0.5	< 0.5	0.0%	332702	< 0.5	< 0.5	0.0%								
Al	332688	8.02	7.79	2.9%	332702	7.77	7.94	2.2%								
As	332688	< 1	1		332702	1	< 1									
Ba	332688	434	431	0.7%	332702	615	629	2.3%								
Be	332688	1.3	1.3	0.0%	332702	1.55	1.54	0.6%								
Bi	332688	< 1	< 1	0.0%	332702	< 1	< 1	0.0%								
Ca	332688	2.06	2.03	1.5%	332702	3.02	3.04	0.7%								
Cd	332688	< 0.5	< 0.5	0.0%	332702	< 0.5	< 0.5	0.0%								
Ce	332688	47	48	2.1%	332702	52	53	1.9%								
Co	332688	6.54	6.63	1.4%	332702	4.04	3.94	2.5%								
Cr	332688	80.3	78.4	2.4%	332702	80.6	84.4	4.6%								
Cu	332688	9.85	9.55	3.1%	332702	4.34	4.49	3.4%								
Fe	332688	2.11	2.03	3.9%	332702	2.55	2.61	2.3%								
Ga	332688	17	17	0.0%	332702	19	20	5.1%								
In	332688	< 1	< 1	0.0%	332702	< 1	< 1	0.0%								
K	332688	2.34	2.26	3.5%	332702	2.41	2.48	2.9%								
La	332688	24	23	4.3%	332702	25	26	3.9%								
Li	332688	15	14	6.9%	332702	12	13	8.0%								
Mg	332688	0.75	0.72	4.1%	332702	0.61	0.62	1.6%								
Mn	332688	372	354	5.0%	332702	592	604	2.0%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

Mo	332688	9.1	9.1	0.0%	332702	11.2	11.0	1.8%								
Na	332688	4.17	4.12	1.2%	332702	3.05	3.08	1.0%								
Ni	332688	21.9	20.7	5.6%	332702	8.3	8.2	1.2%								
P	332688	585	595	1.7%	332702	296	308	4.0%								
Pb	332688	4	4	0.0%	332702	5	5	0.0%								
Rb	332688	14	14	0.0%	332702	18	18	0.0%								
S	332688	0.07	0.07	0.0%	332702	0.02	0.02	0.0%								
Sb	332688	< 1	1		332702	1	< 1									
Sc	332688	9	9	0.0%	332702	8	9	11.8%								
Se	332688	< 10	< 10	0.0%	332702	< 10	< 10	0.0%								
Sn	332688	< 5	< 5	0.0%	332702	< 5	< 5	0.0%								
Sr	332688	224	220	1.8%	332702	270	273	1.1%								
Ta	332688	< 10	< 10	0.0%	332702	< 10	< 10	0.0%								
Te	332688	< 10	< 10	0.0%	332702	< 10	< 10	0.0%								
Th	332688	< 5	< 5	0.0%	332702	5	4	22.2%								
Ti	332688	0.157	0.145	7.9%	332702	0.19	0.19	0.0%								
Tl	332688	< 5	< 5	0.0%	332702	< 5	< 5	0.0%								
U	332688	< 5	< 5	0.0%	332702	< 5	< 5	0.0%								
V	332688	46.1	44.0	4.7%	332702	40.6	41.4	2.0%								
W	332688	< 1	< 1	0.0%	332702	< 1	< 1	0.0%								
Y	332688	8	8	0.0%	332702	12	12	0.0%								
Zn	332688	47.4	42.3	11.4%	332702	49.4	50.5	2.2%								
Zr	332688	43	50	15.1%	332702	116	120	3.4%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	332638	0.014	0.014	0.0%	332652	0.004	0.005	22.2%	332663	0.002	0.002	0.0%	332677	0.017	0.016	6.1%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	332688	0.003	0.002		332702	< 0.001	< 0.001	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP5G)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	3.35	110%	90% - 110%
Al	10.95	11.04	101%	90% - 110%	8.17	8.42	103%	90% - 110%	6.96	7.2	103%	90% - 110%	4.75	4.87	102%	90% - 110%
As					26	24	92%	90% - 110%	124	118	95%	90% - 110%				
Ba	340	330	97%	90% - 110%	540	533	99%	90% - 110%	186	187	101%	90% - 110%	216	207	96%	90% - 110%
Be	2.6	2.9	110%	90% - 110%	4.0	3.4	85%	90% - 110%								
Ca	5.72	5.68	99%	90% - 110%	0.907	0.907	100%	90% - 110%	4.01	4.07	102%	90% - 110%	10	9	91%	90% - 110%
Ce	122	116	95%	90% - 110%	98	102	104%	90% - 110%	24	22	91%	90% - 110%				
Co									22.1	20.3	92%	90% - 110%	191	176	92%	90% - 110%
Cr					60.3	64.4	107%	90% - 110%					670	612	91%	90% - 110%
Cu					150	154	102%	90% - 110%	88.6	87.8	99%	90% - 110%	7120	7165	101%	90% - 110%
Fe	4.34	4.1	95%	90% - 110%	3.77	3.74	99%	90% - 110%	7.56	7.68	102%	90% - 110%	12.71	11.62	91%	90% - 110%
Ga	35	34	97%	90% - 110%												
K	1.37	1.45	106%	90% - 110%					2.021	2.118	105%	90% - 110%	0.1021	0.104	102%	90% - 110%
La	58	55	96%	90% - 110%	44	46	104%	90% - 110%					8.47	7.73	91%	90% - 110%
Li	37	39	107%	90% - 110%	47	50	106%	90% - 110%								
Mg	0.325	0.297	91%	90% - 110%	1.10	1.08	98%	90% - 110%	2.412	2.452	102%	90% - 110%	7.41	7	94%	90% - 110%
Mn					780	773	99%	90% - 110%	1510	1520	101%	90% - 110%				
Mo					14	14	97%	90% - 110%								
Na	5.267	5.602	106%	90% - 110%	1.624	1.741	107%	90% - 110%	0.617	0.666	108%	90% - 110%	0.112	0.123	110%	90% - 110%
Ni					32	34	108%	90% - 110%	77.1	76.1	99%	90% - 110%	2480	2242	90%	90% - 110%
P					750	714	95%	90% - 110%	892	843	95%	90% - 110%	731	682	93%	90% - 110%
Pb	10	9	90%	90% - 110%	31	30	97%	90% - 110%								
S									0.348	0.361	104%	90% - 110%				
Sc	1.1	1.1	99%	90% - 110%	12	13	109%	90% - 110%					21.33	21.86	102%	90% - 110%
Sr	1191	1148	96%	90% - 110%	144	147	102%	90% - 110%	92.8	89.8	97%	90% - 110%	39	37	95%	90% - 110%
Ti	0.172	0.17	99%	90% - 110%	0.53	0.48	91%	90% - 110%					0.419	0.389	93%	90% - 110%
V	8	8	106%	90% - 110%	77	84	109%	90% - 110%					158	169	107%	90% - 110%
Y	119	123	103%	90% - 110%									12.67	13.97	110%	90% - 110%
Zn	93	95	103%	90% - 110%	130	124	95%	90% - 110%	208	213	103%	90% - 110%	112	105	94%	90% - 110%
Zr													35.7	36.1	101%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP5G)				CRM #4 (ref.GSP7M)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.27	5.33	101%	90% - 110%	6.87	6.91	101%	90% - 110%	0.562	0.512	91%	90% - 110%	0.725	0.729	101%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00681  
 SAMPLING SITE:

AGAT WORK ORDER: 19T489794  
 ATTENTION TO: Craig Yuill, Christine Shultis  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill, Christine Shultis

PROJECT: AGAT00682

AGAT WORK ORDER: 19T491013

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Jul 23, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T491013

PROJECT: AGAT00682

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (200-) Sample Login Weight

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D62979 (339474)		3.70
D62980 (339475)		3.73
D62981 (339476)		3.52
D62982 (339477)		3.16
D62983 (339478)		3.62
D62984 (339479)		4.08
D62985 (339480)		3.85
D62986 (339481)		0.07
D62987 (339482)		3.47
D62988 (339483)		3.76
D62989 (339484)		4.16
D62990 (339485)		3.95
D62991 (339486)		3.89
D62992 (339487)		0.58
D62993 (339488)		3.75
D62994 (339489)		3.87
D62995 (339490)		3.96
D62996 (339491)		3.69
D62997 (339492)		3.89
D62998 (339493)		3.89
D62999 (339494)		3.75
D63000 (339495)		3.93
D63001 (339496)		3.69
D63002 (339497)		3.79
D63003 (339498)		3.78
D63004 (339499)		0.71
D63005 (339500)		2.88
D63006 (339501)		0.07
D63007 (339502)		1.24
D63008 (339503)		2.17
D63009 (339504)		2.24

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T491013

PROJECT: AGAT00682

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (200-) Sample Login Weight

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D63010 (339505)		2.22
D63011 (339506)		1.51
D63012 (339507)		0.64
D63013 (339508)		0.64
D63014 (339509)		0.68
D63015 (339510)		1.57
D63016 (339511)		1.10
D63017 (339512)		2.42
D63018 (339513)		2.42
D63019 (339514)		3.25
D63020 (339515)		1.10
D63021 (339516)		0.65
D63022 (339517)		2.18
D63023 (339518)		3.22
D63024 (339519)		3.14
D63025 (339520)		3.13
D63026 (339521)		0.07
D63027 (339522)		2.98
D63028 (339523)		1.56
D63029 (339524)		3.09
D63030 (339525)		1.06
D63031 (339526)		2.89
D63032 (339527)		0.65
D63033 (339528)		2.20
D63034 (339529)		3.26
D63035 (339530)		1.08
D63036 (339531)		2.49
D63037 (339532)		1.22
D63038 (339533)		1.22
D63039 (339534)		2.62
D63040 (339535)		1.95

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T491013

PROJECT: AGAT00682

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## (200-) Sample Login Weight

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 23, 2019

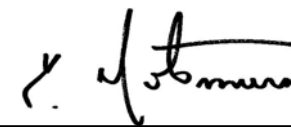
SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D63041 (339536)		2.15
D63042 (339537)		2.13
D63043 (339538)		3.31
D63044 (339539)		3.54
D63045 (339540)		2.43
D63046 (339541)		0.07
D63047 (339542)		1.40
D63048 (339543)		3.02
D63049 (339544)		2.24
D63050 (339545)		3.04

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T491013

PROJECT: AGAT00682

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 09, 2019	DATE RECEIVED: Jul 10, 2019							DATE REPORTED: Jul 23, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D62979 (339474)	<0.5	5.95	<1	264	5.5	<1	6.51	<0.5	28	36.7	108	125	10.2	42	
D62980 (339475)	<0.5	6.14	<1	322	1.2	<1	6.34	<0.5	30	39.1	87.3	156	11.0	48	
D62981 (339476)	<0.5	5.96	<1	269	3.3	<1	5.90	<0.5	28	37.6	60.0	158	10.3	46	
D62982 (339477)	<0.5	6.40	<1	302	1.4	<1	5.96	<0.5	30	40.6	56.0	159	11.5	50	
D62983 (339478)	<0.5	6.27	<1	241	1.5	<1	6.00	<0.5	31	41.9	66.5	155	11.4	50	
D62984 (339479)	<0.5	6.64	<1	289	1.3	<1	6.04	<0.5	32	42.7	57.6	172	12.1	52	
D62985 (339480)	<0.5	6.55	<1	289	1.5	<1	5.91	<0.5	32	42.7	75.2	167	11.7	51	
D62986 (339481)	<0.5	7.16	<1	147	0.5	<1	6.84	<0.5	6	40.1	172	152	8.24	35	
D62987 (339482)	<0.5	6.62	<1	305	2.6	<1	5.91	<0.5	32	42.1	57.7	181	11.7	54	
D62988 (339483)	<0.5	6.00	<1	381	1.7	<1	6.77	<0.5	61	44.3	147	157	11.4	50	
D62989 (339484)	<0.5	4.79	<1	623	2.0	<1	6.70	<0.5	82	39.1	205	134	9.34	40	
D62990 (339485)	<0.5	6.29	<1	371	2.8	<1	5.78	<0.5	30	40.7	78.4	163	11.3	49	
D62991 (339486)	<0.5	6.68	<1	359	1.5	<1	6.04	<0.5	31	37.7	88.5	198	11.0	47	
D62992 (339487)	<0.5	0.13	2	16	<0.5	<1	30.9	<0.5	2	0.7	8.2	<0.5	0.19	<5	
D62993 (339488)	<0.5	7.17	<1	413	1.3	<1	6.23	<0.5	37	38.4	139	229	10.5	48	
D62994 (339489)	<0.5	6.87	<1	470	1.1	<1	5.78	<0.5	36	39.5	125	222	10.3	47	
D62995 (339490)	<0.5	7.17	<1	457	1.2	<1	6.34	<0.5	39	40.2	135	232	10.9	50	
D62996 (339491)	<0.5	6.91	<1	390	1.1	<1	6.03	<0.5	34	38.9	105	225	10.0	46	
D62997 (339492)	<0.5	6.94	<1	405	1.2	<1	6.18	<0.5	35	38.4	131	210	10.1	49	
D62998 (339493)	<0.5	7.02	<1	405	1.2	<1	6.10	<0.5	36	38.3	127	213	10.2	49	
D62999 (339494)	<0.5	6.91	<1	417	1.3	<1	6.11	<0.5	34	38.3	128	211	10.0	46	
D63000 (339495)	<0.5	6.91	<1	460	1.5	<1	5.88	<0.5	34	38.7	123	219	10.1	47	
D63001 (339496)	<0.5	7.12	<1	398	1.2	<1	5.93	<0.5	36	38.7	130	229	10.5	49	
D63002 (339497)	<0.5	7.02	<1	374	1.4	<1	6.08	<0.5	36	39.1	113	229	10.2	47	
D63003 (339498)	<0.5	6.95	<1	339	1.2	<1	6.20	<0.5	37	38.8	120	220	10.4	48	
D63004 (339499)	<0.5	6.87	<1	338	1.1	<1	6.15	<0.5	37	38.1	116	216	10.1	49	
D63005 (339500)	<0.5	6.96	<1	853	2.8	<1	5.62	<0.5	47	7.3	67.9	13.3	2.23	17	
D63006 (339501)	<0.5	7.37	<1	191	0.8	<1	6.33	<0.5	18	38.9	151	103	7.84	37	
D63007 (339502)	0.6	2.63	<1	921	6.6	<1	6.36	<0.5	119	63.8	684	131	9.78	44	
D63008 (339503)	<0.5	8.09	<1	452	2.1	<1	2.35	<0.5	34	5.4	58.9	24.1	1.96	18	
D63009 (339504)	<0.5	7.72	<1	521	2.0	<1	2.86	<0.5	41	10.3	101	18.2	2.56	19	
D63010 (339505)	<0.5	8.36	<1	858	1.7	<1	2.46	<0.5	32	3.8	63.4	8.3	1.88	18	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T491013

PROJECT: AGAT00682

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D63011 (339506)		<0.5	6.91	3	853	1.9	<1	3.99	<0.5	149	6.4	59.5	31.3	2.49	16
D63012 (339507)		<0.5	0.08	<1	16	<0.5	<1	30.5	<0.5	2	<0.5	11.6	<0.5	0.11	<5
D63013 (339508)		<0.5	7.55	1	507	2.0	<1	1.60	<0.5	52	3.1	72.6	3.4	1.77	16
D63014 (339509)		<0.5	7.14	1	466	1.7	<1	1.52	<0.5	70	4.1	62.8	8.8	1.94	14
D63015 (339510)		<0.5	7.70	<1	511	2.0	<1	1.45	<0.5	60	6.3	65.1	16.5	2.62	20
D63016 (339511)		<0.5	4.34	<1	273	0.7	<1	0.76	<0.5	26	3.6	96.2	3.1	1.57	10
D63017 (339512)		<0.5	7.93	<1	526	1.3	<1	1.14	<0.5	50	7.7	81.9	17.2	2.68	19
D63018 (339513)		<0.5	7.76	<1	514	1.3	<1	1.11	<0.5	48	7.4	75.8	16.7	2.68	20
D63019 (339514)		<0.5	7.90	2	470	1.2	<1	1.06	<0.5	41	6.4	81.2	8.1	2.29	18
D63020 (339515)		<0.5	7.47	1	639	1.8	<1	1.61	<0.5	64	6.8	86.0	31.8	2.26	16
D63021 (339516)		<0.5	4.55	<1	579	2.7	<1	5.67	<0.5	117	26.7	177	53.2	5.33	26
D63022 (339517)		<0.5	8.12	<1	478	1.3	<1	1.32	<0.5	41	7.1	58.4	6.6	2.35	20
D63023 (339518)		<0.5	8.33	<1	449	1.3	<1	1.26	<0.5	43	8.4	64.5	2.8	2.72	19
D63024 (339519)		<0.5	8.17	<1	352	1.1	<1	1.11	<0.5	29	8.0	79.0	4.2	2.44	19
D63025 (339520)		<0.5	7.83	<1	319	1.2	<1	1.20	<0.5	29	7.9	79.6	12.0	2.43	19
D63026 (339521)		<0.5	7.30	<1	151	0.5	<1	6.91	<0.5	7	40.8	155	157	8.32	40
D63027 (339522)		<0.5	7.88	<1	502	1.6	<1	1.35	<0.5	64	8.5	88.4	10.7	2.89	20
D63028 (339523)		<0.5	7.56	<1	443	1.3	<1	1.21	<0.5	64	7.0	74.1	8.7	2.49	19
D63029 (339524)		<0.5	7.66	<1	306	2.0	<1	1.15	<0.5	48	7.8	64.4	3.2	2.72	20
D63030 (339525)		<0.5	7.49	1	371	2.3	<1	1.41	<0.5	51	11.9	63.9	18.4	3.35	21
D63031 (339526)		<0.5	7.30	<1	349	3.0	<1	6.44	<0.5	13	36.2	148	126	6.89	31
D63032 (339527)		<0.5	0.11	<1	17	<0.5	<1	30.2	<0.5	2	0.7	6.1	<0.5	0.15	<5
D63033 (339528)		0.6	1.99	1	502	11.0	<1	7.14	<0.5	137	57.3	554	70.4	6.98	28
D63034 (339529)		<0.5	0.78	<1	122	6.9	<1	6.85	<0.5	38	55.4	821	8.4	5.06	14
D63035 (339530)		<0.5	2.79	<1	125	3.2	<1	9.00	0.6	212	41.7	498	110	6.09	29
D63036 (339531)		<0.5	4.93	6	124	1.2	<1	5.52	<0.5	231	17.2	172	63.1	3.44	20
D63037 (339532)		<0.5	6.61	<1	368	4.1	<1	5.53	<0.5	42	42.6	88.6	82.9	9.40	44
D63038 (339533)		<0.5	6.53	<1	370	4.2	<1	5.36	<0.5	42	42.3	91.0	81.7	9.25	44
D63039 (339534)		<0.5	6.46	<1	327	2.7	<1	5.18	<0.5	37	41.2	148	78.0	8.99	44
D63040 (339535)		<0.5	8.03	<1	431	1.4	<1	1.44	<0.5	38	5.1	88.8	5.7	2.01	20
D63041 (339536)		<0.5	7.85	3	819	1.9	<1	1.66	<0.5	27	5.5	101	3.3	1.96	18
D63042 (339537)		<0.5	8.06	2	1530	1.6	<1	1.62	<0.5	35	3.5	172	2.7	1.56	16

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## Certificate of Analysis

AGAT WORK ORDER: 19T491013

PROJECT: AGAT00682

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D63043 (339538)		<0.5	7.84	<1	751	2.2	<1	1.49	<0.5	48	4.5	115	5.7	2.01	18
D63044 (339539)		<0.5	7.82	1	493	1.7	<1	1.09	<0.5	36	6.6	116	18.6	2.06	18
D63045 (339540)		<0.5	7.67	<1	453	1.6	<1	1.49	<0.5	41	5.2	96.5	11.5	1.80	17
D63046 (339541)		<0.5	7.30	<1	189	0.7	<1	6.34	<0.5	18	37.7	172	103	7.86	40
D63047 (339542)		<0.5	2.53	<1	766	4.1	<1	9.04	<0.5	147	49.2	375	128	7.35	32
D63048 (339543)		<0.5	7.88	1	447	1.9	<1	1.42	<0.5	36	6.7	107	18.5	2.02	20
D63049 (339544)		<0.5	7.45	<1	375	1.8	<1	1.20	<0.5	43	6.3	121	16.7	2.00	20
D63050 (339545)		<0.5	7.91	<1	430	1.9	<1	1.15	<0.5	33	7.9	118	10.8	2.24	19

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ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D62979 (339474)		<1	1.91	13	50	2.62	1510	1.8	2.56	43.4	803	<20	<50	0.14	<1
D62980 (339475)		<1	1.39	14	9	2.79	1840	1.6	1.52	43.9	991	<20	<50	0.16	<1
D62981 (339476)		<1	1.58	13	23	2.71	1710	2.3	2.26	46.0	850	<20	<50	0.10	<1
D62982 (339477)		<1	1.17	14	9	2.93	1750	2.4	1.96	47.2	969	<20	<50	0.14	1
D62983 (339478)		<1	0.94	15	7	2.81	1770	3.3	2.00	45.5	941	<20	<50	0.15	2
D62984 (339479)		<1	0.99	15	7	3.01	1880	2.4	2.06	47.4	976	<20	<50	0.17	<1
D62985 (339480)		<1	1.00	15	7	3.06	1870	3.2	2.28	49.9	876	<20	<50	0.17	<1
D62986 (339481)		<1	0.21	3	13	4.33	1440	1.4	2.35	88.6	383	<20	<50	0.15	<1
D62987 (339482)		<1	1.30	15	14	3.11	1870	2.5	3.02	50.1	986	<20	<50	0.15	<1
D62988 (339483)		<1	1.30	29	11	4.26	2050	3.0	2.12	106	1230	<20	<50	0.16	<1
D62989 (339484)		<1	1.55	39	17	4.30	1760	2.9	1.76	120	1630	<20	<50	0.16	<1
D62990 (339485)		<1	1.42	14	18	3.32	1680	2.7	2.79	51.3	866	<20	<50	0.12	<1
D62991 (339486)		<1	0.99	15	21	2.95	1610	3.6	2.94	48.9	850	<20	<50	0.08	<1
D62992 (339487)		<1	0.03	3	2	2.52	133	<0.5	0.07	1.4	78	<20	<50	<0.01	<1
D62993 (339488)		<1	0.97	17	17	3.01	1610	4.4	2.48	49.2	875	<20	<50	0.03	<1
D62994 (339489)		<1	1.15	17	19	2.96	1590	3.2	2.27	48.9	820	<20	<50	0.03	<1
D62995 (339490)		<1	1.23	19	16	3.25	1670	4.1	2.48	55.6	865	<20	<50	0.04	<1
D62996 (339491)		<1	1.09	16	17	3.00	1510	3.0	2.34	49.1	765	<20	<50	0.03	<1
D62997 (339492)		<1	1.12	16	21	3.01	1560	3.9	2.62	50.2	742	<20	<50	0.03	2
D62998 (339493)		<1	1.13	16	21	3.01	1570	3.1	2.63	50.3	777	<20	<50	0.03	<1
D62999 (339494)		<1	1.11	16	20	2.98	1530	3.6	2.50	49.3	755	<20	<50	0.03	<1
D63000 (339495)		<1	1.23	16	30	3.05	1560	2.6	2.60	48.4	783	<20	<50	0.03	<1
D63001 (339496)		<1	1.14	17	21	3.07	1610	3.7	2.61	48.1	819	<20	<50	0.03	1
D63002 (339497)		<1	1.06	17	17	2.94	1560	3.2	2.78	49.5	772	<20	<50	0.03	1
D63003 (339498)		<1	0.86	17	14	2.94	1590	4.2	2.55	48.0	835	<20	<50	0.03	<1
D63004 (339499)		<1	0.83	18	10	2.87	1540	4.5	2.45	48.3	847	<20	<50	0.03	1
D63005 (339500)		<1	2.74	19	73	1.55	512	6.2	2.93	33.5	541	<20	<50	0.06	<1
D63006 (339501)		<1	0.45	9	11	4.33	1360	1.8	2.32	109	807	<20	<50	0.08	1
D63007 (339502)		<1	2.63	54	58	10.8	1400	1.7	1.30	545	1710	<20	<50	0.09	<1
D63008 (339503)		<1	1.42	16	25	0.73	263	6.1	4.31	9.3	328	<20	<50	0.13	<1
D63009 (339504)		<1	1.70	19	25	1.45	365	6.5	3.91	51.1	424	<20	<50	0.07	<1
D63010 (339505)		<1	1.53	15	21	0.65	266	7.1	3.78	6.3	357	<20	<50	0.04	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T491013

PROJECT: AGAT00682

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D63011 (339506)		<1	1.49	59	26	1.49	639	7.1	3.36	9.4	388	35	<50	0.17	<1
D63012 (339507)		<1	0.01	2	1	2.22	125	<0.5	0.04	0.6	56	<20	<50	<0.01	1
D63013 (339508)		<1	1.57	24	33	0.82	228	8.0	4.48	5.8	188	<20	<50	0.02	<1
D63014 (339509)		<1	1.39	30	31	0.87	261	11.0	4.00	6.1	286	<20	<50	0.03	<1
D63015 (339510)		<1	2.42	26	48	1.37	368	7.7	4.10	9.3	479	<20	<50	0.05	<1
D63016 (339511)		<1	1.04	11	14	0.75	186	15.9	2.24	8.2	214	<20	<50	0.03	<1
D63017 (339512)		<1	2.07	24	35	1.42	367	7.5	3.87	11.2	425	<20	<50	0.08	<1
D63018 (339513)		<1	2.03	23	34	1.40	363	11.5	3.81	11.2	421	<20	<50	0.09	<1
D63019 (339514)		<1	1.74	20	20	1.28	303	8.3	4.08	11.1	487	<20	<50	0.06	<1
D63020 (339515)		<1	1.90	30	31	1.06	311	9.1	4.31	14.2	1450	<20	<50	0.19	1
D63021 (339516)		<1	2.66	55	224	4.77	1060	4.8	2.49	160	1460	<20	<50	0.09	1
D63022 (339517)		<1	1.61	20	35	1.30	318	8.6	4.48	12.1	603	<20	<50	0.07	<1
D63023 (339518)		<1	1.44	21	33	1.53	464	6.5	4.39	15.3	531	<20	<50	0.04	<1
D63024 (339519)		<1	1.49	14	27	1.40	330	9.6	4.46	13.1	410	<20	<50	0.06	<1
D63025 (339520)		<1	1.33	14	25	1.25	520	8.7	4.28	12.5	434	<20	<50	0.07	1
D63026 (339521)		<1	0.21	3	13	4.41	1460	1.3	2.38	89.4	386	<20	<50	0.16	2
D63027 (339522)		<1	1.85	29	41	1.60	370	9.1	4.35	13.3	888	<20	<50	0.06	<1
D63028 (339523)		<1	1.71	28	24	1.34	312	9.1	4.08	10.3	687	<20	<50	0.05	<1
D63029 (339524)		<1	2.14	22	31	1.54	325	8.0	4.70	16.5	915	<20	<50	0.04	1
D63030 (339525)		<1	1.51	23	38	1.79	401	6.4	4.83	22.5	872	<20	<50	0.09	<1
D63031 (339526)		<1	1.58	6	26	4.11	1190	2.8	2.69	85.0	220	<20	<50	0.09	2
D63032 (339527)		<1	0.02	3	1	3.36	129	<0.5	0.07	1.3	82	<20	<50	<0.01	1
D63033 (339528)		<1	2.05	63	113	10.5	1190	3.2	2.60	568	2180	<20	<50	0.01	2
D63034 (339529)		<1	0.83	19	567	12.2	1120	1.5	0.66	995	2950	<20	<50	0.01	4
D63035 (339530)		<1	3.66	98	43	6.30	1260	1.9	0.70	234	538	<20	<50	0.08	2
D63036 (339531)		<1	4.36	105	17	3.16	692	5.8	1.70	73.2	476	<20	<50	0.10	1
D63037 (339532)		<1	1.59	20	20	3.14	1560	3.3	3.53	60.7	787	<20	<50	0.16	1
D63038 (339533)		<1	1.56	20	19	2.98	1530	3.1	3.48	56.2	783	<20	<50	0.15	<1
D63039 (339534)		<1	1.40	18	9	2.86	1370	6.4	3.27	53.8	726	<20	<50	0.17	<1
D63040 (339535)		<1	1.24	18	29	1.05	233	8.8	4.73	6.9	396	<20	<50	0.04	1
D63041 (339536)		<1	2.05	13	37	1.13	242	9.3	4.63	13.7	502	<20	<50	0.04	<1
D63042 (339537)		<1	1.74	16	18	0.79	226	8.9	4.42	9.6	639	<20	<50	0.03	<1

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PROJECT: AGAT00682

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D63043 (339538)		<1	2.42	21	37	1.19	298	10.8	4.70	13.7	571	<20	<50	0.03	1
D63044 (339539)		<1	1.67	17	38	1.18	215	10.0	4.49	10.9	493	<20	<50	0.10	<1
D63045 (339540)		<1	1.47	19	35	1.10	239	9.2	5.09	15.7	688	<20	<50	0.04	<1
D63046 (339541)		<1	0.44	9	10	4.29	1370	1.9	2.35	106	793	<20	<50	0.09	2
D63047 (339542)		<1	2.92	71	177	8.99	1470	2.0	1.40	330	3160	<20	<50	0.16	1
D63048 (339543)		<1	1.46	17	32	1.22	283	9.7	5.30	14.5	873	<20	<50	0.06	2
D63049 (339544)		<1	2.05	20	33	1.18	264	9.0	4.69	13.5	1100	<20	<50	0.10	<1
D63050 (339545)		<1	2.03	16	33	1.23	271	9.6	5.08	15.1	956	<20	<50	0.05	<1

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

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SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D62979 (339474)	52	<10	<5	209	<10	<10	<5	0.88	<5	<50	412	<1	32	95.7
D62980 (339475)	40	<10	<5	220	<10	<10	<5	1.10	<5	<50	392	<1	31	128
D62981 (339476)	45	<10	<5	189	<10	<10	<5	0.97	<5	<50	363	<1	31	110
D62982 (339477)	42	<10	<5	155	<10	<10	<5	1.14	<5	<50	413	<1	40	163
D62983 (339478)	42	<10	<5	144	<10	<10	<5	1.16	<5	<50	426	<1	41	140
D62984 (339479)	43	<10	<5	150	<10	<10	<5	1.21	<5	<50	432	<1	42	147
D62985 (339480)	43	<10	<5	176	<10	<10	<5	1.13	<5	<50	425	<1	41	145
D62986 (339481)	46	<10	<5	111	<10	<10	<5	0.69	<5	<50	304	<1	22	85.3
D62987 (339482)	48	<10	<5	235	<10	<10	<5	1.24	<5	<50	445	<1	39	127
D62988 (339483)	40	<10	<5	241	<10	<10	<5	1.29	<5	<50	412	<1	37	140
D62989 (339484)	34	<10	<5	390	<10	<10	<5	1.31	<5	<50	339	<1	32	118
D62990 (339485)	50	<10	<5	186	<10	<10	<5	1.13	<5	<50	438	<1	40	127
D62991 (339486)	41	<10	<5	173	<10	<10	<5	1.08	<5	<50	373	<1	38	119
D62992 (339487)	1	<10	<5	67	<10	<10	<5	0.01	<5	<50	3.9	<1	3	4.4
D62993 (339488)	39	<10	<5	212	<10	<10	<5	1.03	<5	<50	346	<1	38	118
D62994 (339489)	39	<10	<5	275	<10	<10	<5	1.02	<5	<50	348	<1	36	118
D62995 (339490)	42	<10	<5	258	<10	<10	<5	1.09	<5	<50	365	<1	38	133
D62996 (339491)	40	<10	<5	206	<10	<10	<5	0.97	<5	<50	351	<1	36	112
D62997 (339492)	40	<10	<5	245	<10	<10	<5	0.96	<5	<50	345	<1	36	114
D62998 (339493)	40	<10	<5	248	<10	<10	<5	0.98	<5	<50	345	<1	36	113
D62999 (339494)	39	<10	<5	230	<10	<10	<5	0.96	<5	<50	343	<1	36	113
D63000 (339495)	39	<10	<5	270	<10	<10	<5	0.98	<5	<50	345	<1	35	114
D63001 (339496)	39	<10	<5	255	<10	<10	<5	1.05	<5	<50	347	<1	36	119
D63002 (339497)	40	<10	<5	206	<10	<10	<5	0.99	<5	<50	349	<1	38	123
D63003 (339498)	39	<10	<5	180	<10	<10	<5	1.03	<5	<50	343	<1	37	117
D63004 (339499)	38	<10	<5	176	<10	<10	<5	1.00	<5	<50	336	<1	35	115
D63005 (339500)	28	<10	<5	359	<10	<10	9	0.30	<5	<50	91.4	18	116	52.6
D63006 (339501)	34	<10	<5	241	<10	<10	<5	0.86	<5	<50	237	<1	22	90.3
D63007 (339502)	43	<10	<5	534	<10	<10	<5	2.56	<5	<50	321	<1	29	98.2
D63008 (339503)	5	<10	<5	238	<10	<10	<5	0.20	<5	<50	35.7	<1	9	62.4
D63009 (339504)	10	<10	<5	255	<10	<10	<5	0.39	<5	<50	59.3	<1	9	49.2
D63010 (339505)	5	<10	<5	245	<10	<10	<5	0.19	<5	<50	34.8	<1	6	54.6

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T491013

PROJECT: AGAT00682

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 09, 2019

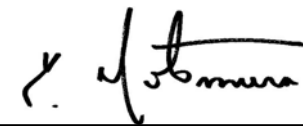
DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D63011 (339506)	8	<10	<5	336	<10	<10	55	0.15	<5	<50	38.3	<1	26	102
D63012 (339507)	<1	<10	<5	64	<10	<10	<5	<0.01	<5	<50	1.7	<1	2	4.3
D63013 (339508)	6	<10	<5	166	<10	<10	21	0.11	<5	<50	27.7	<1	9	46.6
D63014 (339509)	5	<10	<5	169	<10	<10	5	0.17	<5	<50	26.5	<1	7	52.7
D63015 (339510)	7	<10	<5	200	<10	<10	<5	0.22	<5	<50	36.9	<1	8	66.0
D63016 (339511)	3	<10	<5	96	<10	<10	<5	0.12	<5	<50	22.6	<1	4	32.4
D63017 (339512)	7	<10	<5	230	<10	<10	<5	0.25	<5	<50	43.4	<1	6	52.0
D63018 (339513)	6	<10	<5	225	<10	<10	<5	0.25	<5	<50	43.0	<1	6	51.8
D63019 (339514)	5	<10	<5	208	<10	<10	<5	0.21	<5	<50	37.1	<1	5	52.4
D63020 (339515)	6	<10	<5	231	<10	<10	<5	0.18	<5	<50	38.3	<1	7	36.1
D63021 (339516)	36	<10	<5	657	<10	<10	10	0.58	<5	<50	170	<1	21	74.5
D63022 (339517)	6	<10	<5	220	<10	<10	<5	0.20	<5	<50	40.0	<1	5	39.2
D63023 (339518)	7	<10	<5	227	<10	<10	<5	0.24	<5	<50	47.4	<1	7	48.3
D63024 (339519)	6	<10	<5	208	<10	<10	<5	0.20	<5	<50	39.2	<1	5	40.1
D63025 (339520)	7	<10	<5	191	<10	<10	<5	0.18	<5	<50	37.1	<1	6	38.9
D63026 (339521)	47	<10	<5	113	<10	<10	<5	0.70	<5	<50	312	<1	23	81.3
D63027 (339522)	8	<10	<5	238	<10	<10	<5	0.25	<5	<50	50.9	<1	7	51.8
D63028 (339523)	6	<10	<5	240	<10	<10	<5	0.21	<5	<50	39.9	<1	7	51.1
D63029 (339524)	7	<10	<5	227	<10	<10	<5	0.22	<5	<50	45.5	<1	5	46.5
D63030 (339525)	10	<10	<5	210	<10	<10	<5	0.24	<5	<50	57.6	<1	7	58.6
D63031 (339526)	40	<10	<5	149	<10	<10	<5	0.38	<5	<50	227	<1	18	81.2
D63032 (339527)	<1	<10	<5	66	<10	<10	<5	0.01	<5	<50	3.2	<1	2	4.0
D63033 (339528)	23	<10	<5	868	<10	<10	<5	0.77	<5	<50	213	<1	52	67.5
D63034 (339529)	41	<10	<5	552	<10	<10	<5	0.18	<5	<50	123	<1	17	83.5
D63035 (339530)	106	<10	<5	730	<10	<10	18	0.88	<5	<50	388	<1	42	96.5
D63036 (339531)	26	<10	<5	424	<10	<10	38	0.28	<5	<50	97.2	<1	24	63.3
D63037 (339532)	44	<10	<5	182	<10	<10	<5	0.89	<5	<50	304	<1	30	123
D63038 (339533)	41	<10	<5	166	<10	<10	<5	0.86	<5	<50	296	<1	29	122
D63039 (339534)	40	<10	<5	159	<10	<10	<5	0.86	<5	<50	290	<1	29	123
D63040 (339535)	5	<10	<5	345	<10	<10	<5	0.18	<5	<50	33.3	<1	4	38.3
D63041 (339536)	8	<10	<5	267	<10	<10	<5	0.14	<5	<50	40.1	<1	5	32.0
D63042 (339537)	5	<10	<5	223	<10	<10	<5	0.14	<5	<50	30.3	<1	5	23.1

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## Certificate of Analysis

AGAT WORK ORDER: 19T491013

PROJECT: AGAT00682

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
D63043 (339538)	9	<10	<5	232	<10	<10	<5	0.20	<5	<50	39.4	<1	8	42.3
D63044 (339539)	6	<10	<5	204	<10	<10	<5	0.17	<5	<50	36.0	<1	6	39.3
D63045 (339540)	7	<10	<5	301	<10	<10	<5	0.14	<5	<50	36.3	<1	6	52.2
D63046 (339541)	35	<10	<5	243	<10	<10	<5	0.85	<5	<50	239	<1	22	89.3
D63047 (339542)	35	<10	<5	1010	<10	<10	<5	1.02	<5	<50	257	<1	26	89.1
D63048 (339543)	6	<10	<5	237	<10	<10	<5	0.14	<5	<50	27.4	<1	6	50.5
D63049 (339544)	5	<10	<5	222	<10	<10	<5	0.14	<5	<50	28.6	<1	6	32.5
D63050 (339545)	6	<10	<5	227	<10	<10	<5	0.13	<5	<50	27.4	<1	6	30.9

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## Certificate of Analysis

AGAT WORK ORDER: 19T491013

PROJECT: AGAT00682

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D62979 (339474)				105
D62980 (339475)				115
D62981 (339476)				111
D62982 (339477)				111
D62983 (339478)				114
D62984 (339479)				113
D62985 (339480)				104
D62986 (339481)				53
D62987 (339482)				129
D62988 (339483)				106
D62989 (339484)				140
D62990 (339485)				122
D62991 (339486)				138
D62992 (339487)				<5
D62993 (339488)				150
D62994 (339489)				148
D62995 (339490)				148
D62996 (339491)				136
D62997 (339492)				138
D62998 (339493)				143
D62999 (339494)				139
D63000 (339495)				147
D63001 (339496)				147
D63002 (339497)				143
D63003 (339498)				151
D63004 (339499)				141
D63005 (339500)				79
D63006 (339501)				90
D63007 (339502)				276
D63008 (339503)				85
D63009 (339504)				83
D63010 (339505)				65

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# Certificate of Analysis

AGAT WORK ORDER: 19T491013

PROJECT: AGAT00682

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 09, 2019

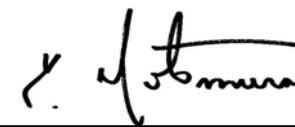
DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D63011 (339506)	78
D63012 (339507)	<5
D63013 (339508)	71
D63014 (339509)	56
D63015 (339510)	65
D63016 (339511)	15
D63017 (339512)	30
D63018 (339513)	31
D63019 (339514)	18
D63020 (339515)	43
D63021 (339516)	53
D63022 (339517)	22
D63023 (339518)	14
D63024 (339519)	18
D63025 (339520)	16
D63026 (339521)	57
D63027 (339522)	35
D63028 (339523)	30
D63029 (339524)	39
D63030 (339525)	49
D63031 (339526)	71
D63032 (339527)	<5
D63033 (339528)	323
D63034 (339529)	20
D63035 (339530)	141
D63036 (339531)	129
D63037 (339532)	148
D63038 (339533)	143
D63039 (339534)	136
D63040 (339535)	25
D63041 (339536)	42
D63042 (339537)	59

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T491013

PROJECT: AGAT00682

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
Sample ID (AGAT ID)	RDL:
	5
D63043 (339538)	55
D63044 (339539)	29
D63045 (339540)	22
D63046 (339541)	86
D63047 (339542)	75
D63048 (339543)	22
D63049 (339544)	28
D63050 (339545)	23

Comments: RDL - Reported Detection Limit

339474-339545 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T491013

PROJECT: AGAT00682

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D62979 (339474)			0.004
D62980 (339475)			0.003
D62981 (339476)			0.004
D62982 (339477)			0.004
D62983 (339478)			0.002
D62984 (339479)			0.006
D62985 (339480)			0.004
D62986 (339481)			0.519
D62987 (339482)			0.007
D62988 (339483)			0.010
D62989 (339484)			0.013
D62990 (339485)			0.004
D62991 (339486)			0.006
D62992 (339487)			0.001
D62993 (339488)			0.007
D62994 (339489)			0.021
D62995 (339490)			0.011
D62996 (339491)			0.025
D62997 (339492)			0.012
D62998 (339493)			0.007
D62999 (339494)			0.016
D63000 (339495)			0.009
D63001 (339496)			0.013
D63002 (339497)			0.006
D63003 (339498)			0.012
D63004 (339499)			0.011
D63005 (339500)			0.005
D63006 (339501)			0.336
D63007 (339502)			0.004
D63008 (339503)			0.011
D63009 (339504)			0.008
D63010 (339505)			0.006

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T491013

PROJECT: AGAT00682

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D63011 (339506)			0.017
D63012 (339507)			0.001
D63013 (339508)			0.001
D63014 (339509)			0.002
D63015 (339510)			0.003
D63016 (339511)			0.011
D63017 (339512)			0.013
D63018 (339513)			0.005
D63019 (339514)			0.007
D63020 (339515)			0.004
D63021 (339516)			0.027
D63022 (339517)			0.005
D63023 (339518)			0.002
D63024 (339519)			0.003
D63025 (339520)			0.004
D63026 (339521)			0.535
D63027 (339522)			0.002
D63028 (339523)			0.070
D63029 (339524)			0.002
D63030 (339525)			0.007
D63031 (339526)			0.004
D63032 (339527)			0.002
D63033 (339528)			0.006
D63034 (339529)			0.008
D63035 (339530)			0.002
D63036 (339531)			0.002
D63037 (339532)			0.003
D63038 (339533)			0.002
D63039 (339534)			0.004
D63040 (339535)			0.005
D63041 (339536)			0.003
D63042 (339537)			0.002

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T491013

PROJECT: AGAT00682

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

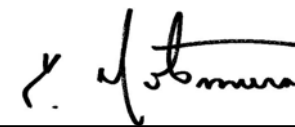
DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Analyte:	Au
Unit:	ppm
RDL:	0.001
Sample ID (AGAT ID)	
D63043 (339538)	0.004
D63044 (339539)	0.025
D63045 (339540)	0.003
D63046 (339541)	0.324
D63047 (339542)	0.003
D63048 (339543)	0.003
D63049 (339544)	0.017
D63050 (339545)	0.002

 Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T491013

PROJECT: AGAT00682

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D62979 (339474)		81.06
D62997 (339492)		81.14
D63017 (339512)		82.20
D63037 (339532)		80.95

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T491013

PROJECT: AGAT00682

5623 McADAM ROAD  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D62979 (339474)		86.70
D63016 (339511)		85.17

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	339474	< 0.5	< 0.5	0.0%	339488	< 0.5	< 0.5	0.0%	339499	< 0.5	< 0.5	0.0%	339513	< 0.5	< 0.5	0.0%
Al	339474	5.95	5.96	0.2%	339488	7.17	7.03	2.0%	339499	6.87	6.91	0.6%	339513	7.76	7.76	0.0%
As	339474	< 1	< 1	0.0%	339488	< 1	< 1	0.0%	339499	< 1	< 1	0.0%	339513	< 1	< 1	0.0%
Ba	339474	264	266	0.8%	339488	413	403	2.5%	339499	338	333	1.5%	339513	514	506	1.6%
Be	339474	5.5	5.5	0.0%	339488	1.27	1.21	4.8%	339499	1.1	1.1	0.0%	339513	1.3	1.3	0.0%
Bi	339474	< 1	< 1	0.0%	339488	< 1	< 1	0.0%	339499	< 1	< 1	0.0%	339513	< 1	< 1	0.0%
Ca	339474	6.51	6.50	0.2%	339488	6.23	6.08	2.4%	339499	6.15	6.11	0.7%	339513	1.11	1.14	2.7%
Cd	339474	< 0.5	< 0.5	0.0%	339488	< 0.5	< 0.5	0.0%	339499	< 0.5	< 0.5	0.0%	339513	< 0.5	< 0.5	0.0%
Ce	339474	28	28	0.0%	339488	37	37	0.0%	339499	37	38	2.7%	339513	48	46	4.3%
Co	339474	36.7	36.8	0.3%	339488	38.4	38.6	0.5%	339499	38.1	38.9	2.1%	339513	7.4	7.4	0.0%
Cr	339474	108	98.2	9.5%	339488	139	134	3.7%	339499	116	113	2.6%	339513	75.8	66.4	13.2%
Cu	339474	125	125	0.0%	339488	229	227	0.9%	339499	216	215	0.5%	339513	16.7	16.8	0.6%
Fe	339474	10.2	10.1	1.0%	339488	10.5	10.3	1.9%	339499	10.1	10.1	0.0%	339513	2.68	2.65	1.1%
Ga	339474	42	42	0.0%	339488	48	47	2.1%	339499	49	48	2.1%	339513	20	19	5.1%
In	339474	< 1	< 1	0.0%	339488	< 1	< 1	0.0%	339499	< 1	< 1	0.0%	339513	< 1	< 1	0.0%
K	339474	1.91	1.89	1.1%	339488	0.965	0.951	1.5%	339499	0.83	0.83	0.0%	339513	2.03	2.01	1.0%
La	339474	13	13	0.0%	339488	17	17	0.0%	339499	18	18	0.0%	339513	23	22	4.4%
Li	339474	50	50	0.0%	339488	17	17	0.0%	339499	10	9	10.5%	339513	34	34	0.0%
Mg	339474	2.62	2.63	0.4%	339488	3.01	2.93	2.7%	339499	2.87	2.88	0.3%	339513	1.40	1.40	0.0%
Mn	339474	1510	1500	0.7%	339488	1610	1570	2.5%	339499	1540	1540	0.0%	339513	363	363	0.0%
Mo	339474	1.8	1.8	0.0%	339488	4.4	4.4	0.0%	339499	4.53	5.22	14.2%	339513	11.5	9.7	17.0%
Na	339474	2.56	2.55	0.4%	339488	2.48	2.43	2.0%	339499	2.45	2.46	0.4%	339513	3.81	3.88	1.8%
Ni	339474	43.4	43.3	0.2%	339488	49.2	49.4	0.4%	339499	48.3	48.3	0.0%	339513	11.2	11.5	2.6%
P	339474	803	804	0.1%	339488	875	855	2.3%	339499	847	862	1.8%	339513	421	430	2.1%
Pb	339474	< 20	< 20	0.0%	339488	< 20	< 20	0.0%	339499	< 20	< 20	0.0%	339513	< 20	< 20	0.0%
Rb	339474	< 50	< 50	0.0%	339488	< 50	< 50	0.0%	339499	< 50	< 50	0.0%	339513	< 50	< 50	0.0%
S	339474	0.142	0.134	5.8%	339488	0.03	0.03	0.0%	339499	0.03	0.03	0.0%	339513	0.085	0.084	1.2%
Sb	339474	< 1	< 1	0.0%	339488	< 1	< 1	0.0%	339499	1	< 1		339513	< 1	< 1	0.0%
Sc	339474	52	52	0.0%	339488	39	39	0.0%	339499	38	38	0.0%	339513	6	6	0.0%
Se	339474	< 10	< 10	0.0%	339488	< 10	< 10	0.0%	339499	< 10	< 10	0.0%	339513	< 10	< 10	0.0%
Sn	339474	< 5	< 5	0.0%	339488	< 5	< 5	0.0%	339499	< 5	< 5	0.0%	339513	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

Sr	339474	209	208	0.5%	339488	212	208	1.9%	339499	176	176	0.0%	339513	225	230	2.2%
Ta	339474	< 10	< 10	0.0%	339488	< 10	< 10	0.0%	339499	< 10	< 10	0.0%	339513	< 10	< 10	0.0%
Te	339474	< 10	< 10	0.0%	339488	< 10	< 10	0.0%	339499	< 10	< 10	0.0%	339513	< 10	< 10	0.0%
Th	339474	< 5	< 5	0.0%	339488	< 5	< 5	0.0%	339499	< 5	< 5	0.0%	339513	< 5	< 5	0.0%
Ti	339474	0.88	0.89	1.1%	339488	1.03	1.01	2.0%	339499	1.00	1.01	1.0%	339513	0.25	0.25	0.0%
Tl	339474	< 5	< 5	0.0%	339488	< 5	< 5	0.0%	339499	< 5	< 5	0.0%	339513	< 5	< 5	0.0%
U	339474	< 50	< 50	0.0%	339488	< 50	< 50	0.0%	339499	< 50	< 50	0.0%	339513	< 50	< 50	0.0%
V	339474	412	413	0.2%	339488	346	342	1.2%	339499	336	341	1.5%	339513	43.0	43.1	0.2%
W	339474	< 1	< 1	0.0%	339488	< 1	< 1	0.0%	339499	< 1	< 1	0.0%	339513	< 1	< 1	0.0%
Y	339474	32	33	3.1%	339488	38	38	0.0%	339499	35	36	2.8%	339513	6	6	0.0%
Zn	339474	95.7	94.9	0.8%	339488	118	114	3.4%	339499	115	115	0.0%	339513	51.8	53.0	2.3%
Zr	339474	105	116	10.0%	339488	150	149	0.7%	339499	141	149	5.5%	339513	31	29	6.7%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	339524	< 0.5	< 0.5	0.0%	339538	< 0.5	< 0.5	0.0%								
Al	339524	7.66	7.47	2.5%	339538	7.84	7.77	0.9%								
As	339524	< 1	< 1	0.0%	339538	< 1	< 1	0.0%								
Ba	339524	306	297	3.0%	339538	751	745	0.8%								
Be	339524	1.98	1.95	1.5%	339538	2.16	2.13	1.4%								
Bi	339524	< 1	< 1	0.0%	339538	< 1	< 1	0.0%								
Ca	339524	1.15	1.13	1.8%	339538	1.49	1.48	0.7%								
Cd	339524	< 0.5	< 0.5	0.0%	339538	< 0.5	< 0.5	0.0%								
Ce	339524	48	47	2.1%	339538	48	45	6.5%								
Co	339524	7.79	7.54	3.3%	339538	4.5	4.7	4.3%								
Cr	339524	64.4	54.5	16.7%	339538	115	118	2.6%								
Cu	339524	3.2	3.1	3.2%	339538	5.73	5.54	3.4%								
Fe	339524	2.72	2.67	1.9%	339538	2.01	1.99	1.0%								
Ga	339524	20	18	10.5%	339538	18	19	5.4%								
In	339524	< 1	< 1	0.0%	339538	< 1	< 1	0.0%								
K	339524	2.14	2.10	1.9%	339538	2.42	2.41	0.4%								
La	339524	22	22	0.0%	339538	21	20	4.9%								
Li	339524	31	31	0.0%	339538	37	38	2.7%								
Mg	339524	1.54	1.50	2.6%	339538	1.19	1.18	0.8%								
Mn	339524	325	316	2.8%	339538	298	296	0.7%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

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Mo	339524	8.0	7.9	1.3%	339538	10.8	10.7	0.9%								
Na	339524	4.70	4.66	0.9%	339538	4.70	4.62	1.7%								
Ni	339524	16.5	16.4	0.6%	339538	13.7	14.0	2.2%								
P	339524	915	891	2.7%	339538	571	565	1.1%								
Pb	339524	< 20	< 20	0.0%	339538	< 20	< 20	0.0%								
Rb	339524	< 50	< 50	0.0%	339538	< 50	< 50	0.0%								
S	339524	0.036	0.034	5.7%	339538	0.03	0.03	0.0%								
Sb	339524	1	< 1		339538	1	< 1									
Sc	339524	7	7	0.0%	339538	9	9	0.0%								
Se	339524	< 10	< 10	0.0%	339538	< 10	< 10	0.0%								
Sn	339524	< 5	< 5	0.0%	339538	< 5	< 5	0.0%								
Sr	339524	227	222	2.2%	339538	232	227	2.2%								
Ta	339524	< 10	< 10	0.0%	339538	< 10	< 10	0.0%								
Te	339524	< 10	< 10	0.0%	339538	< 10	< 10	0.0%								
Th	339524	< 5	< 5	0.0%	339538	< 5	< 5	0.0%								
Ti	339524	0.22	0.22	0.0%	339538	0.205	0.207	1.0%								
Tl	339524	< 5	< 5	0.0%	339538	< 5	< 5	0.0%								
U	339524	< 50	< 50	0.0%	339538	< 50	< 50	0.0%								
V	339524	45.5	44.9	1.3%	339538	39.4	39.7	0.8%								
W	339524	< 1	< 1	0.0%	339538	< 1	< 1	0.0%								
Y	339524	5	5	0.0%	339538	8	8	0.0%								
Zn	339524	46.5	47.8	2.8%	339538	42.3	43.6	3.0%								
Zr	339524	39	40	2.5%	339538	55	56	1.8%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	339474	0.0038	0.0034	11.1%	339488	0.007	0.009	25.0%	339499	0.011	0.009	20.0%	339513	0.005	0.006	18.2%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	339524	0.002	0.001		339538	0.004	0.006									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP5G)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	2.84	94%	90% - 110%
Al	10.95	10.82	99%	90% - 110%	8.17	8.23	101%	90% - 110%	6.96	6.83	98%	90% - 110%	4.75	4.9	103%	90% - 110%
As					26	24	92%	90% - 110%	124	127	102%	90% - 110%				
Ba	340	329	97%	90% - 110%	540	510	95%	90% - 110%	186	183	98%	90% - 110%	216	217	100%	90% - 110%
Be	2.6	2.8	109%	90% - 110%	4.0	3.7	92%	90% - 110%								
Ca	5.72	5.56	97%	90% - 110%	0.907	0.907	100%	90% - 110%	4.01	3.84	96%	90% - 110%	10	9	94%	90% - 110%
Ce	122	125	103%	90% - 110%	98	105	107%	90% - 110%	24	22	91%	90% - 110%				
Co									22.1	20.6	93%	90% - 110%	191	177	93%	90% - 110%
Cr	12	11	91%	90% - 110%	60.3	64.5	107%	90% - 110%					670	608	90%	90% - 110%
Cu					150	151	101%	90% - 110%	88.6	82.2	93%	90% - 110%	7120	7385	104%	90% - 110%
Fe	4.34	4.12	95%	90% - 110%	3.77	3.78	100%	90% - 110%	7.56	7.35	97%	90% - 110%	12.71	12.05	95%	90% - 110%
Ga	35	35	100%	90% - 110%												
K	1.37	1.49	108%	90% - 110%					2.021	2.107	104%	90% - 110%	0.1021	0.1105	108%	90% - 110%
La	58	58	99%	90% - 110%	44	45	102%	90% - 110%					8.47	7.72	91%	90% - 110%
Li	37	39	106%	90% - 110%	47	47	100%	90% - 110%								
Mg	0.325	0.298	92%	90% - 110%	1.10	1.11	101%	90% - 110%	2.412	2.434	101%	90% - 110%	7.41	7.45	101%	90% - 110%
Mn					780	779	100%	90% - 110%	1510	1464	97%	90% - 110%				
Mo					14	14	102%	90% - 110%					2.49	3.00	120%	90% - 110%
Na	5.267	5.299	101%	90% - 110%	1.624	1.667	103%	90% - 110%	0.617	0.612	99%	90% - 110%	0.112	0.123	110%	90% - 110%
Ni					32	34	107%	90% - 110%	77.1	72.3	94%	90% - 110%	2480	2261	91%	90% - 110%
P					750	692	92%	90% - 110%	892	811	91%	90% - 110%	731	678	93%	90% - 110%
Pb	10	9	93%	90% - 110%	31	32	103%	90% - 110%								
S									0.348	0.321	92%	90% - 110%				
Sc	1.1	1.1	97%	90% - 110%	12	13	108%	90% - 110%					21.33	21.69	102%	90% - 110%
Sr	1191	1123	94%	90% - 110%	144	146	102%	90% - 110%	92.8	85.2	92%	90% - 110%	39	38	97%	90% - 110%
Ti	0.172	0.167	97%	90% - 110%	0.53	0.48	90%	90% - 110%					0.419	0.417	100%	90% - 110%
V	8	9	109%	90% - 110%	77	82	107%	90% - 110%					158	165	105%	90% - 110%
Y	119	124	104%	90% - 110%									12.67	12.93	102%	90% - 110%
Zn	93	93	100%	90% - 110%	130	142	109%	90% - 110%	208	208	100%	90% - 110%	112	110	98%	90% - 110%
Zr													35.7	35.1	98%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP5G)				CRM #4 (ref.GSP7M)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.27	5.27	100%	90% - 110%	6.87	7	102%	90% - 110%	0.562	0.534	95%	90% - 110%	0.725	0.655	90%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19T491013

PROJECT: AGAT00682

ATTENTION TO: Craig Yuill, Christine Shultis

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill, Christine Shultis

PROJECT: AGAT00683

AGAT WORK ORDER: 19T491020

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jul 23, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.





## Certificate of Analysis

AGAT WORK ORDER: 19T491020

PROJECT: AGAT00683

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (200-) Sample Login Weight

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D63051 (339636)		0.65
D63052 (339637)		0.63
D63053 (339638)		2.68
D63054 (339639)		2.52
D63055 (339640)		1.97
D63056 (339641)		3.17
D63057 (339642)		1.82
D63058 (339643)		1.82
D63059 (339644)		2.27
D63060 (339645)		1.17
D63061 (339646)		2.80
D63062 (339647)		2.19
D63063 (339648)		2.15
D63064 (339649)		1.94
D63065 (339650)		2.89
D63066 (339651)		0.07
D63067 (339652)		1.29
D63068 (339653)		2.39
D63069 (339654)		3.18
D63070 (339655)		2.10
D63071 (339656)		1.49
D63072 (339657)		0.65
D63073 (339658)		2.23
D63074 (339659)		1.45
D63075 (339660)		2.17
D63076 (339661)		1.19
D63077 (339662)		2.02
D63078 (339663)		2.02
D63079 (339664)		3.43
D63080 (339665)		2.22
D63081 (339666)		2.22

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T491020

PROJECT: AGAT00683

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (200-) Sample Login Weight

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D63082 (339667)		0.72
D63083 (339668)		0.69
D63084 (339669)		3.19
D63085 (339670)		2.55
D63086 (339671)		0.07
D63087 (339672)		3.19
D63088 (339673)		3.04
D63089 (339674)		1.89
D63090 (339675)		2.50
D63091 (339676)		1.10
D63092 (339677)		0.62
D63093 (339678)		2.21
D63094 (339679)		1.38
D63095 (339680)		1.15
D63096 (339681)		2.75
D63097 (339682)		2.68
D63098 (339683)		2.68
D63099 (339684)		3.20
D63100 (339685)		1.14
D63101 (339686)		2.81
D63102 (339687)		3.13
D63103 (339688)		1.65
D63104 (339689)		2.00
D63105 (339690)		2.69
D63106 (339691)		0.07
D63107 (339692)		2.34
D63108 (339693)		0.75
D63109 (339694)		0.84
D63110 (339695)		4.45
D63111 (339696)		3.81
D63112 (339697)		0.57

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T491020

PROJECT: AGAT00683

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## (200-) Sample Login Weight

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 23, 2019


SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D63113 (339698)		1.21
D63114 (339699)		1.41
D63115 (339700)		3.42
D63116 (339701)		2.52
D63117 (339702)		0.75
D63118 (339703)		0.75
D63119 (339704)		2.42
D63120 (339705)		1.92
D63121 (339706)		2.88
D63122 (339707)		2.54
D63123 (339708)		1.27
D63124 (339709)		2.88
D63125 (339710)		2.25
D63126 (339711)		0.07

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T491020

PROJECT: AGAT00683

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D63051 (339636)		<0.5	6.09	2	415	1.3	<1	0.88	<0.5	37	7.2	131	6.2	1.66	17
D63052 (339637)		<0.5	0.07	2	15	<0.5	<1	30.7	<0.5	<1	<0.5	8.6	<0.5	0.09	6
D63053 (339638)		<0.5	7.77	2	496	1.6	<1	1.28	<0.5	42	8.7	104	5.8	2.15	20
D63054 (339639)		<0.5	7.21	2	234	1.8	<1	2.15	<0.5	58	10.1	90.9	14.4	2.30	22
D63055 (339640)		<0.5	7.50	<1	421	1.6	<1	1.40	<0.5	45	11.0	117	18.3	2.62	22
D63056 (339641)		<0.5	1.94	<1	326	4.5	<1	8.58	<0.5	146	66.9	492	94.5	7.87	19
D63057 (339642)		<0.5	5.57	<1	717	4.3	<1	2.67	<0.5	81	21.7	197	29.7	3.06	19
D63058 (339643)		0.6	5.59	<1	733	4.1	<1	2.74	<0.5	81	22.5	230	31.1	3.04	19
D63059 (339644)		<0.5	7.67	<1	664	1.2	<1	1.19	<0.5	57	10.4	88.7	4.0	2.46	24
D63060 (339645)		<0.5	8.01	<1	581	1.1	<1	0.93	<0.5	57	16.7	104	4.1	3.39	24
D63061 (339646)		<0.5	7.26	2	640	0.8	<1	1.05	<0.5	72	1.7	97.7	1.7	0.88	14
D63062 (339647)		0.6	7.52	<1	460	2.7	<1	1.40	<0.5	82	5.8	91.3	1.2	2.35	20
D63063 (339648)		0.6	7.63	<1	414	0.7	<1	1.06	<0.5	71	8.2	101	1.7	3.11	24
D63064 (339649)		0.5	7.92	<1	425	0.8	<1	1.23	<0.5	65	9.8	124	<0.5	3.24	24
D63065 (339650)		<0.5	7.03	3	410	0.7	<1	1.11	<0.5	49	2.8	86.2	1.1	1.30	17
D63066 (339651)		<0.5	7.37	<1	193	<0.5	<1	6.17	<0.5	17	51.0	187	104	7.53	23
D63067 (339652)		0.7	7.13	2	586	1.5	<1	1.42	<0.5	63	3.3	199	1.2	1.59	19
D63068 (339653)		<0.5	3.39	<1	1090	2.3	<1	8.69	<0.5	135	66.4	542	90.0	7.45	15
D63069 (339654)		0.6	7.42	1	444	0.9	<1	1.19	<0.5	69	5.6	124	<0.5	2.15	22
D63070 (339655)		<0.5	7.21	<1	369	0.8	<1	1.14	<0.5	49	5.8	101	<0.5	2.05	21
D63071 (339656)		1.0	8.72	2	427	1.0	<1	1.18	<0.5	72	9.6	104	<0.5	3.62	28
D63072 (339657)		<0.5	0.07	2	16	<0.5	<1	32.5	<0.5	<1	<0.5	7.2	<0.5	0.08	6
D63073 (339658)		<0.5	7.26	5	346	0.9	<1	1.33	<0.5	114	1.8	86.9	0.9	1.07	15
D63074 (339659)		<0.5	7.82	1	582	1.0	<1	1.19	<0.5	44	9.2	105	4.6	2.63	23
D63075 (339660)		0.8	7.28	2	349	1.0	<1	1.28	<0.5	50	2.9	117	0.5	1.43	18
D63076 (339661)		0.9	7.57	<1	519	1.4	<1	1.11	<0.5	55	10.3	126	<0.5	3.19	24
D63077 (339662)		1.0	6.79	<1	482	4.3	<1	1.43	<0.5	53	6.4	101	6.3	1.78	18
D63078 (339663)		0.9	6.73	2	473	4.4	<1	1.43	<0.5	54	6.6	98.8	6.5	1.82	18
D63079 (339664)		<0.5	2.37	1	536	5.7	<1	8.30	<0.5	110	74.8	527	138	8.55	18
D63080 (339665)		<0.5	2.72	<1	691	9.6	<1	7.63	<0.5	120	73.7	453	153	9.02	18
D63081 (339666)		0.8	7.23	<1	449	5.1	<1	1.50	<0.5	53	12.3	98.8	3.2	2.95	22
D63082 (339667)		0.5	7.49	<1	522	1.4	<1	1.26	<0.5	72	9.6	132	<0.5	2.57	22

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T491020

PROJECT: AGAT00683

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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 09, 2019	DATE RECEIVED: Jul 10, 2019							DATE REPORTED: Jul 23, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D63083 (339668)	0.5	7.36	<1	509	0.9	<1	1.20	<0.5	99	7.5	142	31.5	2.56	22	
D63084 (339669)	<0.5	7.03	4	630	0.9	<1	1.36	<0.5	61	7.2	123	27.5	2.24	20	
D63085 (339670)	<0.5	7.90	<1	356	0.9	<1	2.17	<0.5	40	9.8	98.9	6.7	2.30	20	
D63086 (339671)	<0.5	7.12	<1	148	<0.5	<1	6.62	<0.5	6	49.9	204	150	7.87	20	
D63087 (339672)	<0.5	7.48	<1	358	0.9	<1	1.31	<0.5	24	3.5	63.1	0.7	1.34	19	
D63088 (339673)	<0.5	6.96	1	569	0.6	<1	0.86	<0.5	32	0.9	78.7	1.4	0.51	13	
D63089 (339674)	<0.5	6.97	2	199	0.8	<1	1.43	<0.5	52	3.5	89.2	0.8	1.45	18	
D63090 (339675)	<0.5	7.78	1	475	0.9	<1	1.40	<0.5	71	12.6	95.9	15.8	3.04	23	
D63091 (339676)	<0.5	7.01	1	171	0.9	<1	1.59	<0.5	29	2.5	93.3	1.1	1.09	17	
D63092 (339677)	<0.5	0.07	3	18	<0.5	<1	29.3	<0.5	<1	0.6	14.2	<0.5	0.09	6	
D63093 (339678)	0.5	7.78	<1	526	0.7	<1	1.49	<0.5	59	8.9	81.1	8.6	2.24	22	
D63094 (339679)	<0.5	7.35	<1	287	0.8	<1	1.49	<0.5	12	3.2	81.7	1.0	1.30	18	
D63095 (339680)	<0.5	7.71	<1	398	0.8	<1	1.33	<0.5	34	6.9	69.6	<0.5	1.84	23	
D63096 (339681)	<0.5	6.28	<1	707	<0.5	<1	0.46	<0.5	8	1.6	133	1.0	0.85	12	
D63097 (339682)	<0.5	7.11	2	573	0.5	<1	0.87	<0.5	3	1.3	94.4	1.3	0.64	13	
D63098 (339683)	<0.5	7.47	<1	612	0.6	<1	0.93	<0.5	3	1.1	143	1.5	0.67	13	
D63099 (339684)	<0.5	7.15	<1	576	0.6	<1	0.97	<0.5	4	<0.5	98.2	1.5	0.37	12	
D63100 (339685)	<0.5	6.97	2	794	<0.5	<1	0.46	<0.5	2	<0.5	65.4	0.9	0.24	10	
D63101 (339686)	<0.5	7.20	<1	482	0.7	<1	1.09	<0.5	5	1.7	63.3	1.3	0.82	15	
D63102 (339687)	<0.5	8.21	<1	452	1.1	<1	1.37	<0.5	47	10.2	75.8	<0.5	3.25	23	
D63103 (339688)	<0.5	7.13	<1	395	1.3	<1	1.40	<0.5	20	2.7	71.9	2.4	1.25	17	
D63104 (339689)	<0.5	7.87	<1	406	0.5	<1	1.16	<0.5	39	11.6	90.6	<0.5	3.87	24	
D63105 (339690)	<0.5	6.11	<1	483	0.5	<1	0.74	<0.5	10	3.8	103	<0.5	1.66	16	
D63106 (339691)	0.5	7.27	<1	192	<0.5	<1	6.09	<0.5	17	49.4	149	104	7.44	22	
D63107 (339692)	<0.5	5.65	2	532	0.5	<1	0.63	<0.5	5	0.9	62.9	1.4	0.48	10	
D63108 (339693)	0.6	3.22	<1	393	7.5	<1	6.20	<0.5	111	52.4	304	58.7	5.61	17	
D63109 (339694)	<0.5	6.51	<1	495	3.0	<1	1.89	<0.5	38	11.3	116	12.8	1.57	17	
D63110 (339695)	<0.5	3.82	<1	972	2.2	<1	7.13	<0.5	109	83.5	389	87.3	9.21	20	
D63111 (339696)	<0.5	3.93	<1	1020	3.3	<1	7.20	<0.5	110	79.2	332	94.6	9.18	20	
D63112 (339697)	<0.5	0.07	2	17	<0.5	<1	33.6	<0.5	<1	1.0	7.6	4.6	0.10	6	
D63113 (339698)	<0.5	6.07	9	541	1.2	<1	1.35	<0.5	16	4.8	88.2	2.8	1.10	16	
D63114 (339699)	<0.5	7.37	<1	544	0.7	<1	1.10	<0.5	65	12.9	91.2	26.1	2.98	22	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T491020

PROJECT: AGAT00683

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D63115 (339700)		<0.5	8.01	<1	411	0.7	<1	0.99	<0.5	44	9.6	94.4	19.7	2.18	23
D63116 (339701)		<0.5	7.91	2	432	0.5	<1	0.94	<0.5	48	10.1	91.7	<0.5	2.40	24
D63117 (339702)		<0.5	6.64	<1	210	0.6	<1	1.14	<0.5	32	2.8	83.6	1.2	0.83	16
D63118 (339703)		<0.5	6.80	<1	218	0.6	<1	1.19	<0.5	33	2.8	98.3	1.4	0.83	16
D63119 (339704)		<0.5	7.70	<1	538	0.6	<1	1.32	<0.5	59	14.1	87.0	10.9	3.00	21
D63120 (339705)		<0.5	8.17	<1	641	0.8	<1	1.43	<0.5	49	13.6	104	7.5	2.93	22
D63121 (339706)		<0.5	6.71	2	583	0.9	<1	1.11	<0.5	40	6.1	95.0	28.7	1.96	19
D63122 (339707)		<0.5	7.33	<1	827	0.9	<1	1.01	<0.5	62	10.7	103	23.2	2.86	21
D63123 (339708)		<0.5	7.73	<1	460	1.0	<1	1.44	<0.5	33	4.3	88.9	1.0	1.74	19
D63124 (339709)		0.5	7.16	1	423	0.8	<1	1.28	<0.5	25	4.3	93.3	<0.5	1.91	19
D63125 (339710)		<0.5	7.31	<1	641	1.0	<1	1.09	<0.5	29	4.9	96.6	<0.5	2.38	21
D63126 (339711)		<0.5	7.15	<1	149	<0.5	<1	6.55	<0.5	6	47.9	147	150	7.81	21

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T491020

PROJECT: AGAT00683

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D63051 (339636)		<1	1.10	18	25	0.96	162	14.6	3.62	8.9	650	<20	<50	0.03	<1
D63052 (339637)		1	0.02	2	<1	2.27	58	<0.5	0.04	<0.5	70	<20	<50	0.04	<1
D63053 (339638)		<1	1.55	20	27	1.18	250	11.1	4.76	12.3	631	<20	<50	0.02	<1
D63054 (339639)		<1	2.39	26	19	1.45	410	4.9	5.00	22.9	1360	<20	<50	0.02	<1
D63055 (339640)		<1	1.95	22	50	1.56	276	10.3	4.65	26.6	1250	<20	<50	0.03	<1
D63056 (339641)		<1	2.26	65	79	7.61	1430	1.4	1.90	321	1480	<20	<50	0.14	<1
D63057 (339642)		<1	1.71	37	49	2.34	456	8.1	4.12	96.1	1000	<20	<50	0.02	<1
D63058 (339643)		<1	1.68	37	47	2.33	460	7.9	4.11	96.1	1050	<20	<50	0.02	<1
D63059 (339644)		<1	2.70	28	33	1.38	286	7.9	3.58	9.0	386	<20	<50	0.02	<1
D63060 (339645)		<1	4.29	28	43	2.12	524	7.2	3.00	25.4	331	<20	57	0.02	<1
D63061 (339646)		<1	3.55	35	5	0.24	242	14.5	2.98	3.4	172	30	<50	0.01	<1
D63062 (339647)		<1	2.82	40	15	0.61	422	10.1	3.61	9.1	169	65	<50	0.03	<1
D63063 (339648)		<1	3.53	35	24	0.90	429	11.6	2.80	13.7	148	22	<50	0.02	<1
D63064 (339649)		<1	3.50	32	27	1.16	486	10.6	2.92	16.1	210	26	<50	0.01	<1
D63065 (339650)		<1	3.08	25	7	0.29	175	13.1	2.92	4.2	84	21	<50	0.02	<1
D63066 (339651)		<1	0.44	11	10	4.19	1340	<0.5	2.31	115	811	<20	<50	0.09	<1
D63067 (339652)		<1	1.75	32	20	0.46	208	11.2	4.02	6.8	378	<20	<50	0.04	<1
D63068 (339653)		<1	3.01	66	76	8.29	1430	2.7	1.01	327	1340	<20	<50	0.15	<1
D63069 (339654)		<1	3.30	34	20	0.75	306	9.0	3.16	10.9	255	24	<50	0.02	<1
D63070 (339655)		<1	2.91	24	19	0.68	292	13.4	2.95	9.8	153	<20	<50	<0.01	<1
D63071 (339656)		<1	4.27	36	33	1.22	516	7.3	3.19	15.1	125	35	51	0.01	<1
D63072 (339657)		1	0.02	<2	<1	1.97	51	<0.5	0.04	<0.5	93	<20	<50	0.04	2
D63073 (339658)		<1	2.48	57	5	0.22	492	12.7	3.23	3.0	114	26	<50	<0.01	1
D63074 (339659)		<1	3.97	23	28	1.23	447	8.9	2.83	11.5	322	41	<50	0.03	<1
D63075 (339660)		<1	2.58	25	9	0.36	195	13.8	3.22	4.3	113	21	<50	0.01	<1
D63076 (339661)		<1	3.80	28	29	1.46	539	12.3	3.14	16.5	244	<20	<50	0.02	<1
D63077 (339662)		<1	2.75	25	23	0.64	195	9.3	3.77	13.1	454	21	<50	0.02	<1
D63078 (339663)		<1	2.68	27	23	0.65	199	9.5	3.65	13.0	501	23	<50	0.02	<1
D63079 (339664)		<1	2.63	51	200	7.04	1520	2.3	1.66	349	948	<20	<50	0.21	<1
D63080 (339665)		<1	3.00	58	176	7.08	1550	0.7	1.65	298	898	<20	<50	0.16	<1
D63081 (339666)		<1	2.33	26	68	1.59	472	10.8	4.33	22.9	387	<20	<50	0.02	<1
D63082 (339667)		<1	3.08	35	33	1.25	404	9.7	3.18	12.6	488	<20	<50	0.01	<1

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T491020

PROJECT: AGAT00683

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D63083 (339668)		<1	3.03	48	18	0.82	329	13.5	3.11	8.8	496	<20	<50	0.06	<1
D63084 (339669)		<1	3.00	28	18	1.09	383	10.2	2.96	9.6	565	<20	<50	0.04	<1
D63085 (339670)		<1	1.81	20	19	1.18	650	13.5	3.03	14.7	452	<20	<50	0.02	<1
D63086 (339671)		<1	0.20	5	12	4.16	1380	<0.5	2.31	94.9	380	<20	<50	0.15	<1
D63087 (339672)		<1	3.17	12	13	0.45	154	10.2	2.97	5.4	95	<20	<50	<0.01	2
D63088 (339673)		<1	4.52	16	3	0.08	55	15.3	2.33	2.2	59	27	<50	<0.01	<1
D63089 (339674)		<1	1.93	26	11	0.35	146	12.5	3.03	4.2	145	<20	<50	<0.01	<1
D63090 (339675)		<1	3.34	33	36	1.50	434	8.2	2.76	12.4	834	<20	<50	0.04	<1
D63091 (339676)		<1	1.59	15	6	0.24	116	15.2	3.23	2.8	62	<20	<50	0.01	<1
D63092 (339677)		1	0.02	<2	<1	2.97	49	0.6	0.04	0.7	94	<20	<50	0.04	<1
D63093 (339678)		<1	2.85	27	24	1.08	342	11.9	3.01	7.2	472	<20	<50	0.02	<1
D63094 (339679)		<1	2.67	7	11	0.30	319	10.3	3.10	3.0	83	<20	<50	0.01	<1
D63095 (339680)		<1	3.21	17	17	0.86	241	10.7	2.93	5.1	316	<20	<50	<0.01	<1
D63096 (339681)		<1	5.50	4	6	0.15	73	12.7	1.57	2.4	192	83	<50	0.01	<1
D63097 (339682)		<1	4.40	<2	4	0.10	59	12.2	2.38	1.3	134	22	<50	<0.01	1
D63098 (339683)		<1	4.73	<2	4	0.10	64	14.4	2.57	1.8	127	24	<50	<0.01	<1
D63099 (339684)		<1	4.45	3	1	0.03	155	10.6	2.58	1.8	44	23	<50	<0.01	2
D63100 (339685)		<1	5.96	<2	<1	0.02	28	10.5	1.80	1.1	50	28	<50	<0.01	<1
D63101 (339686)		<1	3.89	3	5	0.14	76	13.7	2.61	1.8	75	20	<50	<0.01	<1
D63102 (339687)		<1	3.49	24	32	1.27	426	8.9	3.15	9.0	360	<20	<50	0.01	<1
D63103 (339688)		<1	2.80	10	9	0.29	202	10.7	3.24	3.3	95	<20	<50	0.01	1
D63104 (339689)		<1	3.91	20	43	1.51	385	29.3	2.65	10.1	275	<20	61	<0.01	<1
D63105 (339690)		<1	3.97	6	10	0.32	125	12.8	1.97	3.2	212	<20	<50	<0.01	<1
D63106 (339691)		<1	0.43	10	10	4.11	1310	<0.5	2.30	112	754	<20	<50	0.09	<1
D63107 (339692)		<1	3.92	3	3	0.11	41	16.5	1.84	3.7	213	<20	<50	<0.01	<1
D63108 (339693)		<1	0.50	56	108	6.84	948	3.1	3.36	368	216	<20	<50	0.14	<1
D63109 (339694)		<1	2.05	18	11	1.19	231	12.3	4.06	57.7	386	<20	<50	0.04	<1
D63110 (339695)		<1	2.75	57	27	9.02	1450	2.4	1.46	492	1270	<20	<50	0.14	<1
D63111 (339696)		<1	2.94	57	41	8.26	1440	2.5	1.71	440	1220	<20	<50	0.14	<1
D63112 (339697)		<1	0.01	<2	<1	1.44	57	0.7	0.04	2.8	59	<20	<50	0.04	<1
D63113 (339698)		<1	1.73	8	11	0.48	129	10.5	3.44	15.7	231	161	<50	0.07	<1
D63114 (339699)		<1	2.73	31	27	1.51	410	9.8	3.34	12.8	637	<20	<50	0.08	<1

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T491020

PROJECT: AGAT00683

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D63115 (339700)		<1	2.04	22	20	1.29	291	9.0	4.18	7.0	384	<20	<50	0.07	<1
D63116 (339701)		<1	2.21	24	27	1.26	312	10.9	4.00	7.7	305	<20	<50	0.01	<1
D63117 (339702)		<1	0.84	16	6	0.41	116	12.5	3.80	3.2	117	<20	<50	<0.01	<1
D63118 (339703)		<1	0.85	17	6	0.41	116	12.2	3.85	3.1	119	<20	<50	<0.01	<1
D63119 (339704)		<1	2.50	29	24	1.81	416	10.0	3.22	17.7	426	<20	<50	0.06	<1
D63120 (339705)		<1	2.48	24	34	1.61	434	8.9	3.45	13.4	730	<20	<50	0.03	<1
D63121 (339706)		<1	1.95	20	13	0.79	263	14.2	3.09	8.2	393	<20	<50	0.08	<1
D63122 (339707)		<1	3.01	31	25	1.40	404	9.9	2.98	13.4	672	<20	<50	0.06	<1
D63123 (339708)		<1	2.56	17	13	0.47	217	13.1	3.41	5.6	132	<20	<50	0.01	<1
D63124 (339709)		<1	2.50	13	14	0.60	256	10.2	3.01	5.4	192	<20	<50	0.01	<1
D63125 (339710)		<1	2.65	16	10	0.70	356	13.2	3.46	10.2	150	<20	<50	0.03	2
D63126 (339711)		<1	0.21	5	12	4.17	1370	<0.5	2.31	91.8	351	<20	<50	0.16	<1

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## Certificate of Analysis

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PROJECT: AGAT00683

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D63051 (339636)	4	<10	<5	187	<10	<10	<5	0.15	<5	<50	30.3	<1	5	37.4
D63052 (339637)	<1	<10	<5	73	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	3.5
D63053 (339638)	6	<10	<5	304	<10	<10	<5	0.15	<5	<50	31.7	<1	6	40.8
D63054 (339639)	8	<10	<5	300	<10	<10	<5	0.07	<5	<50	24.7	<1	7	41.3
D63055 (339640)	9	<10	<5	263	<10	<10	<5	0.23	<5	<50	49.3	<1	6	57.1
D63056 (339641)	35	<10	<5	870	<10	<10	<5	0.97	<5	<50	266	<1	31	111
D63057 (339642)	8	<10	<5	352	<10	<10	<5	0.46	<5	<50	80.3	<1	17	58.2
D63058 (339643)	9	<10	<5	355	<10	<10	<5	0.49	<5	<50	81.6	<1	18	62.0
D63059 (339644)	5	<10	<5	293	<10	<10	<5	0.25	<5	<50	41.4	<1	7	69.6
D63060 (339645)	10	<10	<5	207	<10	<10	<5	0.30	<5	<50	62.2	<1	10	97.1
D63061 (339646)	3	<10	<5	157	<10	<10	30	0.04	<5	<50	7.2	<1	5	35.3
D63062 (339647)	11	<10	<5	140	<10	<10	23	0.17	<5	<50	50.8	<1	7	89.6
D63063 (339648)	8	<10	<5	124	<10	<10	9	0.18	<5	<50	29.0	<1	5	143
D63064 (339649)	8	<10	<5	129	<10	<10	<5	0.20	<5	<50	36.5	<1	6	156
D63065 (339650)	4	<10	<5	133	<10	<10	22	0.07	<5	<50	12.1	<1	3	49.8
D63066 (339651)	35	<10	<5	252	<10	<10	<5	0.84	<5	<50	243	<1	23	88.7
D63067 (339652)	4	<10	<5	172	<10	<10	16	0.10	<5	<50	16.2	<1	5	69.0
D63068 (339653)	36	<10	<5	1040	<10	<10	<5	1.21	<5	<50	262	<1	24	97.1
D63069 (339654)	6	<10	<5	159	<10	<10	12	0.12	<5	<50	25.5	<1	6	105
D63070 (339655)	5	<10	<5	127	<10	<10	<5	0.12	<5	<50	21.5	<1	4	93.3
D63071 (339656)	9	<10	<5	135	<10	<10	6	0.19	<5	<50	32.2	<1	7	178
D63072 (339657)	<1	<10	<5	76	<10	<10	<5	<0.01	<5	<50	1.2	3	2	3.6
D63073 (339658)	3	<10	<5	137	<10	<10	67	0.04	<5	<50	6.6	<1	9	34.7
D63074 (339659)	6	<10	<5	174	<10	<10	<5	0.18	<5	<50	32.5	<1	7	108
D63075 (339660)	3	<10	<5	138	<10	<10	17	0.07	<5	<50	9.6	<1	4	64.2
D63076 (339661)	8	<10	<5	138	<10	<10	<5	0.21	<5	<50	38.1	<1	7	138
D63077 (339662)	7	<10	<5	204	<10	<10	8	0.19	<5	<50	34.7	<1	8	68.6
D63078 (339663)	7	<10	<5	204	<10	<10	10	0.20	<5	<50	36.0	<1	8	76.1
D63079 (339664)	43	<10	<5	819	<10	<10	<5	1.15	<5	<50	301	<1	28	160
D63080 (339665)	48	<10	<5	785	<10	<10	<5	1.40	<5	<50	358	<1	38	136
D63081 (339666)	9	<10	<5	196	<10	<10	<5	0.24	<5	<50	53.3	<1	9	108
D63082 (339667)	7	<10	<5	165	<10	<10	<5	0.19	<5	<50	37.1	<1	7	102

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T491020

PROJECT: AGAT00683

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D63083 (339668)	7	<10	<5	172	<10	<10	12	0.17	<5	<50	27.0	<1	7	90.8
D63084 (339669)	5	<10	<5	199	<10	<10	<5	0.14	<5	<50	28.1	<1	7	89.2
D63085 (339670)	7	<10	<5	148	<10	<10	<5	0.19	<5	<50	38.0	<1	8	86.7
D63086 (339671)	48	<10	<5	116	<10	<10	<5	0.67	<5	<50	324	<1	24	78.4
D63087 (339672)	3	<10	<5	145	<10	<10	<5	0.07	<5	<50	13.4	<1	3	66.4
D63088 (339673)	1	<10	<5	145	<10	<10	14	0.03	<5	<50	4.9	<1	1	14.8
D63089 (339674)	2	<10	<5	133	<10	<10	13	0.09	<5	<50	10.4	<1	3	54.7
D63090 (339675)	7	<10	<5	226	<10	<10	<5	0.27	<5	<50	51.3	<1	10	96.7
D63091 (339676)	2	<10	<5	149	<10	<10	<5	0.07	<5	<50	8.3	<1	2	31.9
D63092 (339677)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	1.6	<1	2	4.8
D63093 (339678)	5	<10	<5	252	<10	<10	<5	0.20	<5	<50	34.3	<1	7	64.6
D63094 (339679)	3	<10	<5	165	<10	<10	<5	0.09	<5	<50	10.0	<1	4	43.0
D63095 (339680)	4	<10	<5	276	<10	<10	<5	0.15	<5	<50	26.6	<1	4	66.4
D63096 (339681)	1	<10	<5	138	<10	<10	<5	0.06	<5	<50	5.8	<1	<1	106
D63097 (339682)	<1	<10	<5	148	<10	<10	<5	0.04	<5	<50	3.3	<1	<1	22.7
D63098 (339683)	<1	<10	<5	159	<10	<10	<5	0.04	<5	<50	3.3	<1	<1	22.6
D63099 (339684)	<1	<10	<5	155	<10	<10	<5	0.01	<5	<50	1.9	<1	3	7.4
D63100 (339685)	<1	<10	<5	152	<10	<10	<5	<0.01	<5	<50	1.4	<1	<1	5.1
D63101 (339686)	1	<10	<5	149	<10	<10	<5	0.06	<5	<50	5.9	<1	1	28.9
D63102 (339687)	6	<10	<5	168	<10	<10	<5	0.25	<5	<50	38.8	<1	7	111
D63103 (339688)	2	<10	<5	151	<10	<10	<5	0.08	<5	<50	9.7	<1	3	38.9
D63104 (339689)	7	<10	<5	144	<10	<10	<5	0.28	<5	<50	44.7	<1	5	144
D63105 (339690)	2	<10	<5	122	<10	<10	<5	0.13	<5	<50	9.8	<1	2	54.5
D63106 (339691)	34	<10	<5	250	<10	<10	<5	0.83	<5	<50	240	<1	22	87.2
D63107 (339692)	<1	<10	<5	125	<10	<10	<5	0.03	<5	<50	4.2	<1	2	16.3
D63108 (339693)	19	<10	<5	717	<10	<10	<5	0.67	<5	<50	164	<1	22	62.1
D63109 (339694)	6	<10	<5	294	<10	<10	<5	0.24	<5	<50	46.4	<1	14	23.0
D63110 (339695)	24	<10	<5	797	<10	<10	<5	1.60	<5	<50	260	<1	27	106
D63111 (339696)	23	<10	<5	783	<10	<10	<5	1.56	<5	<50	266	<1	34	99.3
D63112 (339697)	<1	<10	<5	77	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	5.4
D63113 (339698)	4	<10	<5	156	<10	<10	<5	0.09	<5	<50	26.2	<1	7	207
D63114 (339699)	7	<10	<5	205	<10	<10	<5	0.29	<5	<50	51.6	<1	8	92.6

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T491020

PROJECT: AGAT00683

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm
		1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D63115 (339700)		5	<10	<5	276	<10	<10	<5	0.21	<5	<50	38.5	<1	6	72.2
D63116 (339701)		5	<10	<5	323	<10	<10	<5	0.24	<5	<50	41.2	<1	6	65.6
D63117 (339702)		1	<10	<5	171	<10	<10	<5	0.07	<5	<50	9.6	<1	4	22.1
D63118 (339703)		1	<10	<5	178	<10	<10	<5	0.07	<5	<50	9.5	<1	3	22.0
D63119 (339704)		7	<10	<5	197	<10	<10	<5	0.29	<5	<50	54.5	<1	9	82.5
D63120 (339705)		7	<10	<5	218	<10	<10	<5	0.29	<5	<50	55.6	<1	8	60.7
D63121 (339706)		4	<10	<5	164	<10	<10	<5	0.11	<5	<50	20.6	<1	5	53.4
D63122 (339707)		7	<10	<5	207	<10	<10	<5	0.23	<5	<50	43.1	<1	7	76.8
D63123 (339708)		6	<10	<5	170	<10	<10	<5	0.12	<5	<50	32.7	<1	3	57.5
D63124 (339709)		4	<10	<5	145	<10	<10	<5	0.11	<5	<50	16.0	<1	3	76.7
D63125 (339710)		5	<10	<5	153	<10	<10	<5	0.07	<5	<50	20.9	<1	4	53.1
D63126 (339711)		46	<10	<5	116	<10	<10	<5	0.67	<5	<50	308	<1	23	76.9

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T491020

PROJECT: AGAT00683

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D63051 (339636)	23
D63052 (339637)	<5
D63053 (339638)	22
D63054 (339639)	19
D63055 (339640)	54
D63056 (339641)	118
D63057 (339642)	144
D63058 (339643)	167
D63059 (339644)	88
D63060 (339645)	133
D63061 (339646)	51
D63062 (339647)	140
D63063 (339648)	155
D63064 (339649)	127
D63065 (339650)	100
D63066 (339651)	92
D63067 (339652)	149
D63068 (339653)	31
D63069 (339654)	131
D63070 (339655)	101
D63071 (339656)	204
D63072 (339657)	<5
D63073 (339658)	103
D63074 (339659)	104
D63075 (339660)	177
D63076 (339661)	180
D63077 (339662)	228
D63078 (339663)	219
D63079 (339664)	31
D63080 (339665)	69
D63081 (339666)	182
D63082 (339667)	130

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T491020

PROJECT: AGAT00683

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 09, 2019      DATE RECEIVED: Jul 10, 2019      DATE REPORTED: Jul 23, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D63083 (339668)				132
D63084 (339669)				87
D63085 (339670)				88
D63086 (339671)				58
D63087 (339672)				40
D63088 (339673)				11
D63089 (339674)				120
D63090 (339675)				118
D63091 (339676)				70
D63092 (339677)				<5
D63093 (339678)				122
D63094 (339679)				54
D63095 (339680)				62
D63096 (339681)				19
D63097 (339682)				29
D63098 (339683)				42
D63099 (339684)				78
D63100 (339685)				10
D63101 (339686)				83
D63102 (339687)				98
D63103 (339688)				100
D63104 (339689)				82
D63105 (339690)				10
D63106 (339691)				85
D63107 (339692)				19
D63108 (339693)				174
D63109 (339694)				86
D63110 (339695)				46
D63111 (339696)				41
D63112 (339697)				<5
D63113 (339698)				59
D63114 (339699)				87

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T491020

PROJECT: AGAT00683

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core


Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D63115 (339700)	50
D63116 (339701)	56
D63117 (339702)	44
D63118 (339703)	41
D63119 (339704)	68
D63120 (339705)	74
D63121 (339706)	86
D63122 (339707)	95
D63123 (339708)	65
D63124 (339709)	112
D63125 (339710)	87
D63126 (339711)	58

Comments: RDL - Reported Detection Limit

339636-339711 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T491020

PROJECT: AGAT00683

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D63051 (339636)			0.001
D63052 (339637)			0.001
D63053 (339638)			0.001
D63054 (339639)			0.001
D63055 (339640)			0.001
D63056 (339641)			0.002
D63057 (339642)			0.001
D63058 (339643)			0.001
D63059 (339644)			0.001
D63060 (339645)			0.001
D63061 (339646)			0.001
D63062 (339647)			0.002
D63063 (339648)			0.002
D63064 (339649)			0.487
D63065 (339650)			0.002
D63066 (339651)			0.340
D63067 (339652)			0.039
D63068 (339653)			0.003
D63069 (339654)			0.008
D63070 (339655)			0.011
D63071 (339656)			0.007
D63072 (339657)			0.002
D63073 (339658)			0.001
D63074 (339659)			0.003
D63075 (339660)			0.001
D63076 (339661)			0.001
D63077 (339662)			0.002
D63078 (339663)			0.002
D63079 (339664)			0.003
D63080 (339665)			0.002
D63081 (339666)			0.002
D63082 (339667)			0.002

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T491020

PROJECT: AGAT00683

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D63083 (339668)			0.009
D63084 (339669)			0.003
D63085 (339670)			0.005
D63086 (339671)			0.538
D63087 (339672)			0.003
D63088 (339673)			0.001
D63089 (339674)			0.001
D63090 (339675)			0.002
D63091 (339676)			0.001
D63092 (339677)			<0.001
D63093 (339678)			0.001
D63094 (339679)			0.001
D63095 (339680)			0.001
D63096 (339681)			0.001
D63097 (339682)			<0.001
D63098 (339683)			<0.001
D63099 (339684)			0.001
D63100 (339685)			<0.001
D63101 (339686)			<0.001
D63102 (339687)			<0.001
D63103 (339688)			0.007
D63104 (339689)			0.001
D63105 (339690)			0.003
D63106 (339691)			0.334
D63107 (339692)			0.001
D63108 (339693)			0.001
D63109 (339694)			0.001
D63110 (339695)			0.001
D63111 (339696)			0.002
D63112 (339697)			<0.001
D63113 (339698)			0.001
D63114 (339699)			0.006

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# Certificate of Analysis

AGAT WORK ORDER: 19T491020

PROJECT: AGAT00683

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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D63115 (339700)			0.005
D63116 (339701)			0.001
D63117 (339702)			<0.001
D63118 (339703)			<0.001
D63119 (339704)			0.002
D63120 (339705)			0.002
D63121 (339706)			0.004
D63122 (339707)			0.003
D63123 (339708)			0.002
D63124 (339709)			0.002
D63125 (339710)			0.002
D63126 (339711)			0.520

 Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T491020

PROJECT: AGAT00683

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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D63051 (339636)		86.40
D63070 (339655)		87.86
D63090 (339675)		85.18
D63110 (339695)		78.24

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T491020

PROJECT: AGAT00683

5623 McADAM ROAD  
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CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D63051 (339636)		88.19
D63091 (339676)		86.2

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	339636	< 0.5	< 0.5	0.0%	339650	< 0.5	< 0.5	0.0%	339661	0.89	0.82	8.2%	339675	< 0.5	< 0.5	0.0%
Al	339636	6.09	6.16	1.1%	339650	7.03	7.29	3.6%	339661	7.57	7.79	2.9%	339675	7.78	8.05	3.4%
As	339636	2	< 1		339650	3	2		339661	< 1	2		339675	1	< 1	
Ba	339636	415	416	0.2%	339650	410	420	2.4%	339661	519	515	0.8%	339675	475	491	3.3%
Be	339636	1.3	1.3	0.0%	339650	0.74	0.76	2.7%	339661	1.39	1.46	4.9%	339675	0.9	0.9	0.0%
Bi	339636	< 1	< 1	0.0%	339650	< 1	< 1	0.0%	339661	< 1	< 1	0.0%	339675	< 1	< 1	0.0%
Ca	339636	0.885	0.930	5.0%	339650	1.11	1.14	2.7%	339661	1.11	1.13	1.8%	339675	1.40	1.45	3.5%
Cd	339636	< 0.5	< 0.5	0.0%	339650	< 0.5	< 0.5	0.0%	339661	< 0.5	< 0.5	0.0%	339675	< 0.5	< 0.5	0.0%
Ce	339636	37	36	2.7%	339650	49	38	25.3%	339661	55	55	0.0%	339675	71	68	4.3%
Co	339636	7.2	7.3	1.4%	339650	2.8	2.9	3.5%	339661	10.3	10.1	2.0%	339675	12.6	12.0	4.9%
Cr	339636	131	130	0.8%	339650	86.2	102	16.8%	339661	126	120	4.9%	339675	95.9	113	16.4%
Cu	339636	6.18	7.36	17.4%	339650	1.1	0.7		339661	< 0.5	< 0.5	0.0%	339675	15.8	16.7	5.5%
Fe	339636	1.66	1.68	1.2%	339650	1.30	1.34	3.0%	339661	3.19	3.23	1.2%	339675	3.04	3.19	4.8%
Ga	339636	17	17	0.0%	339650	17	18	5.7%	339661	24	24	0.0%	339675	23	22	4.4%
In	339636	< 1	< 1	0.0%	339650	< 1	< 1	0.0%	339661	< 1	< 1	0.0%	339675	< 1	< 1	0.0%
K	339636	1.10	1.10	0.0%	339650	3.08	3.14	1.9%	339661	3.80	3.74	1.6%	339675	3.34	3.48	4.1%
La	339636	18	17	5.7%	339650	25	19	27.3%	339661	28	27	3.6%	339675	33	32	3.1%
Li	339636	25	25	0.0%	339650	7	7	0.0%	339661	29	29	0.0%	339675	36	38	5.4%
Mg	339636	0.96	0.96	0.0%	339650	0.292	0.296	1.4%	339661	1.46	1.46	0.0%	339675	1.50	1.56	3.9%
Mn	339636	162	162	0.0%	339650	175	179	2.3%	339661	539	538	0.2%	339675	434	452	4.1%
Mo	339636	14.6	17.1	15.8%	339650	13.1	13.2	0.8%	339661	12.3	10.5	15.8%	339675	8.2	8.2	0.0%
Na	339636	3.62	3.65	0.8%	339650	2.92	2.97	1.7%	339661	3.14	3.20	1.9%	339675	2.76	2.85	3.2%
Ni	339636	8.9	9.2	3.3%	339650	4.17	4.76	13.2%	339661	16.5	15.3	7.5%	339675	12.4	12.2	1.6%
P	339636	650	641	1.4%	339650	84	74	12.7%	339661	244	249	2.0%	339675	834	827	0.8%
Pb	339636	< 20	< 20	0.0%	339650	21	20	4.9%	339661	< 20	< 20	0.0%	339675	< 20	< 20	0.0%
Rb	339636	< 50	< 50	0.0%	339650	< 50	< 50	0.0%	339661	< 50	< 50	0.0%	339675	< 50	< 50	0.0%
S	339636	0.03	0.03	0.0%	339650	0.02	0.02	0.0%	339661	0.02	0.02	0.0%	339675	0.04	0.04	0.0%
Sb	339636	< 1	< 1	0.0%	339650	< 1	< 1	0.0%	339661	< 1	< 1	0.0%	339675	< 1	< 1	0.0%
Sc	339636	4	4	0.0%	339650	4	4	0.0%	339661	8	8	0.0%	339675	7	7	0.0%
Se	339636	< 10	< 10	0.0%	339650	< 10	< 10	0.0%	339661	< 10	< 10	0.0%	339675	< 10	< 10	0.0%
Sn	339636	< 5	< 5	0.0%	339650	< 5	< 5	0.0%	339661	< 5	< 5	0.0%	339675	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

Sr	339636	187	188	0.5%	339650	133	136	2.2%	339661	138	139	0.7%	339675	226	234	3.5%
Ta	339636	< 10	< 10	0.0%	339650	< 10	< 10	0.0%	339661	< 10	< 10	0.0%	339675	< 10	< 10	0.0%
Te	339636	< 10	< 10	0.0%	339650	< 10	< 10	0.0%	339661	< 10	< 10	0.0%	339675	< 10	< 10	0.0%
Th	339636	< 5	< 5	0.0%	339650	22	17	25.6%	339661	< 5	< 5	0.0%	339675	< 5	< 5	0.0%
Ti	339636	0.145	0.143	1.4%	339650	0.073	0.075	2.7%	339661	0.21	0.21	0.0%	339675	0.270	0.279	3.3%
Tl	339636	< 5	< 5	0.0%	339650	< 5	< 5	0.0%	339661	< 5	< 5	0.0%	339675	< 5	< 5	0.0%
U	339636	< 50	< 50	0.0%	339650	< 50	< 50	0.0%	339661	< 50	< 50	0.0%	339675	< 50	< 50	0.0%
V	339636	30.3	29.4	3.0%	339650	12.1	12.2	0.8%	339661	38.1	36.0	5.7%	339675	51.3	49.1	4.4%
W	339636	< 1	< 1	0.0%	339650	< 1	< 1	0.0%	339661	< 1	< 1	0.0%	339675	< 1	< 1	0.0%
Y	339636	5	5	0.0%	339650	3	3	0.0%	339661	7	7	0.0%	339675	10	9	10.5%
Zn	339636	37.4	37.9	1.3%	339650	49.8	49.7	0.2%	339661	138	143	3.6%	339675	96.7	101	4.4%
Zr	339636	23	23	0.0%	339650	100	110	9.5%	339661	180	174	3.4%	339675	118	110	7.0%
		REPLICATE #5				REPLICATE #6				REPLICATE #7						
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	339686	< 0.5	0.5		339700	< 0.5	< 0.5	0.0%	339710	< 0.5	0.5					
Al	339686	7.20	7.22	0.3%	339700	8.01	8.16	1.9%	339710	7.31	7.12	2.6%				
As	339686	< 1	< 1	0.0%	339700	< 1	< 1	0.0%	339710	< 1	< 1	0.0%				
Ba	339686	482	487	1.0%	339700	411	413	0.5%	339710	641	628	2.0%				
Be	339686	0.7	0.7	0.0%	339700	0.7	0.75	1.3%	339710	1.0	1.0	0.0%				
Bi	339686	< 1	< 1	0.0%	339700	< 1	< 1	0.0%	339710	< 1	< 1	0.0%				
Ca	339686	1.09	1.08	0.9%	339700	0.99	1.00	0.5%	339710	1.09	1.05	3.7%				
Cd	339686	< 0.5	< 0.5	0.0%	339700	< 0.5	< 0.5	0.0%	339710	< 0.5	< 0.5	0.0%				
Ce	339686	5	5	0.0%	339700	44	47	6.6%	339710	29	27	7.1%				
Co	339686	1.7	1.62	1.8%	339700	9.6	9.52	0.8%	339710	4.9	4.73	2.7%				
Cr	339686	63.3	63.7	0.6%	339700	94.4	107	12.5%	339710	96.6	96.0	0.6%				
Cu	339686	1.3	1.1	16.7%	339700	19.7	20.9	5.9%	339710	< 0.5	< 0.5	0.0%				
Fe	339686	0.82	0.82	0.0%	339700	2.18	2.24	2.7%	339710	2.38	2.32	2.6%				
Ga	339686	15	14	6.9%	339700	23	23	0.0%	339710	21	20	4.9%				
In	339686	< 1	< 1	0.0%	339700	< 1	< 1	0.0%	339710	< 1	< 1	0.0%				
K	339686	3.89	3.93	1.0%	339700	2.04	2.08	1.9%	339710	2.65	2.56	3.5%				
La	339686	3	4	28.6%	339700	22	23	4.4%	339710	16	15	6.5%				
Li	339686	5	5	0.0%	339700	20	21	4.9%	339710	10	9	10.5%				
Mg	339686	0.14	0.14	0.0%	339700	1.29	1.34	3.8%	339710	0.70	0.684	2.3%				
Mn	339686	76	74	2.7%	339700	291	300	3.0%	339710	356	347	2.6%				



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

Mo	339686	13.7	11.4	18.3%	339700	9.0	9.1	1.1%	339710	13.2	12.4	6.3%				
Na	339686	2.61	2.61	0.0%	339700	4.18	4.15	0.7%	339710	3.46	3.37	2.6%				
Ni	339686	1.8	1.97	7.9%	339700	7.0	7.5	6.9%	339710	10.2	9.91	2.9%				
P	339686	75	73	2.7%	339700	384	405	5.3%	339710	150	154	2.6%				
Pb	339686	20	19	5.1%	339700	< 20	< 20	0.0%	339710	< 20	< 20	0.0%				
Rb	339686	< 50	< 50	0.0%	339700	< 50	< 50	0.0%	339710	< 50	< 50	0.0%				
S	339686	< 0.01	< 0.01	0.0%	339700	0.07	0.07	0.0%	339710	0.03	0.03	0.0%				
Sb	339686	< 1	< 1	0.0%	339700	< 1	< 1	0.0%	339710	2	2	0.0%				
Sc	339686	1	1	0.0%	339700	5	5	0.0%	339710	5	4	22.2%				
Se	339686	< 10	< 10	0.0%	339700	< 10	< 10	0.0%	339710	< 10	< 10	0.0%				
Sn	339686	< 5	< 5	0.0%	339700	< 5	< 5	0.0%	339710	< 5	< 5	0.0%				
Sr	339686	149	150	0.7%	339700	276	275	0.4%	339710	153	150	2.0%				
Ta	339686	< 10	< 10	0.0%	339700	< 10	< 10	0.0%	339710	< 10	< 10	0.0%				
Te	339686	< 10	< 10	0.0%	339700	< 10	< 10	0.0%	339710	< 10	< 10	0.0%				
Th	339686	< 5	< 5	0.0%	339700	< 5	< 5	0.0%	339710	< 5	< 5	0.0%				
Ti	339686	0.06	0.06	0.0%	339700	0.21	0.220	3.2%	339710	0.07	0.07	0.0%				
Tl	339686	< 5	< 5	0.0%	339700	< 5	< 5	0.0%	339710	< 5	< 5	0.0%				
U	339686	< 50	< 50	0.0%	339700	< 50	< 50	0.0%	339710	< 50	< 50	0.0%				
V	339686	5.9	6.28	5.4%	339700	38.5	39.5	2.6%	339710	20.9	20.0	4.4%				
W	339686	< 1	< 1	0.0%	339700	< 1	< 1	0.0%	339710	< 1	< 1	0.0%				
Y	339686	1	1	0.0%	339700	6	6	0.0%	339710	4	4	0.0%				
Zn	339686	28.9	24.6	16.1%	339700	72.2	72.9	1.0%	339710	53.1	52.5	1.1%				
Zr	339686	83	106	24.3%	339700	50	55	9.5%	339710	87	89	2.3%				

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	339710	0.002	0.002	0.0%	339650	0.002	0.002	0.0%	339661	0.001	0.003		339675	0.002	0.002	0.0%
Parameter	REPLICATE #5				REPLICATE #6				REPLICATE #7							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Au	339686	< 0.001	0.001		339700	0.005	0.005	0.0%	339710	0.002	0.002	0.0%				



CLIENT NAME: GOLDCORP BORDEN LIMITED

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GTS-2a)				CRM #2 (ref.SY-4)				CRM #3 (ref.Till-2)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al					10.95	10.92	100%	90% - 110%	8.17	8.45	103%	90% - 110%				
As									26	24	94%	90% - 110%				
Ba					340	343	101%	90% - 110%	540	534	99%	90% - 110%				
Be					2.6	2.7	103%	90% - 110%	4.0	3.3	83%	90% - 110%				
Ca					5.72	5.53	97%	90% - 110%	0.907	0.886	98%	90% - 110%				
Ce					122	121	99%	90% - 110%	98	101	103%	90% - 110%				
Co	22.1	21.9	99%	90% - 110%									191	176	92%	90% - 110%
Cr									60.3	63.1	105%	90% - 110%				
Cu									150	149	99%	90% - 110%				
Fe					4.34	4.07	94%	90% - 110%	3.77	3.76	100%	90% - 110%				
Ga					35	33	94%	90% - 110%								
K					1.37	1.44	105%	90% - 110%								
La					58	53	91%	90% - 110%	44	43	99%	90% - 110%				
Li					37	39	105%	90% - 110%	47	49	104%	90% - 110%				
Mg					0.325	0.3	92%	90% - 110%	1.10	1.12	102%	90% - 110%				
Mn									780	790	101%	90% - 110%				
Mo									14	13	91%	90% - 110%				
Na					5.267	5.479	104%	90% - 110%	1.624	1.703	105%	90% - 110%				
Ni									32	33	103%	90% - 110%				
P									750	682	91%	90% - 110%				
Pb									31	28	90%	90% - 110%				
Sc					1.1	0.9	80%	90% - 110%	12	12	103%	90% - 110%				
Sr					1191	1230	103%	90% - 110%	144	156	108%	90% - 110%				
Ti					0.172	0.168	98%	90% - 110%	0.53	0.48	91%	90% - 110%				
V					8	9	112%	90% - 110%	77	80	105%	90% - 110%				
Y					119	123	104%	90% - 110%								
Zn					93	93	100%	90% - 110%	130	124	96%	90% - 110%				
Parameter	CRM #5 (ref.GTS-2a)				CRM #6 (ref.WMG-1a)				CRM #7 (ref.SY-4)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Ag					3.03	3.29	109%	90% - 110%								
Al	6.96	6.91	99%	90% - 110%	4.75	4.89	103%	90% - 110%	10.95	10.89	99%	90% - 110%				





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

As	124	131	105%	90% - 110%												
Ba	186	188	101%	90% - 110%	216	228	105%	90% - 110%	340	338	100%	90% - 110%				
Be									2.6	2.7	106%	90% - 110%				
Ca	4.01	3.83	95%	90% - 110%	10	9	95%	90% - 110%	5.72	5.34	93%	90% - 110%				
Ce	24	22	91%	90% - 110%					122	116	95%	90% - 110%				
Co	22.1	21.9	99%	90% - 110%	191	176	92%	90% - 110%								
Cr					670	605	90%	90% - 110%								
Cu	88.6	85.7	97%	90% - 110%	7120	7156	101%	90% - 110%								
Fe	7.56	7.29	96%	90% - 110%	12.71	11.84	93%	90% - 110%	4.34	4.02	93%	90% - 110%				
Ga									35	34	99%	90% - 110%				
K	2.021	2.075	103%	90% - 110%	0.1021	0.1083	106%	90% - 110%	1.37	1.44	105%	90% - 110%				
La					8.47	9.13	107%	90% - 110%	58	54	93%	90% - 110%				
Li									37	38	103%	90% - 110%				
Mg	2.412	2.386	99%	90% - 110%	7.41	7.24	98%	90% - 110%	0.325	0.295	91%	90% - 110%				
Mn	1510	1468	97%	90% - 110%												
Na	0.617	0.64	104%	90% - 110%	0.112	0.121	108%	90% - 110%	5.267	5.392	102%	90% - 110%				
Ni	77.1	78.5	102%	90% - 110%	2480	2231	90%	90% - 110%								
P	892	871	98%	90% - 110%	731	659	90%	90% - 110%								
S	0.348	0.33	95%	90% - 110%												
Sc					21.33	21.88	103%	90% - 110%	1.1	0.9	81%	90% - 110%				
Sr	92.8	93.3	101%	90% - 110%	39	39	100%	90% - 110%	1191	1198	101%	90% - 110%				
Ti					0.419	0.412	98%	90% - 110%	0.172	0.163	95%	90% - 110%				
V					158	160	101%	90% - 110%	8	10	120%	90% - 110%				
Y					12.67	13.32	105%	90% - 110%	119	123	103%	90% - 110%				
Zn	208	212	102%	90% - 110%	112	104	93%	90% - 110%	93	89	96%	90% - 110%				
Zr					35.7	37.1	104%	90% - 110%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.1P5R)				CRM #2 (ref.GS5W)				CRM #3 (ref.GS6F)				CRM #4 (ref.GSP7M)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	1.81	1.76	97%	90% - 110%	5.27	4.98	95%	90% - 110%	6.87	6.62	96%	90% - 110%	0.725	0.727	100%	90% - 110%
CRM #5 (ref.GSP5G)																
Parameter	Expect	Actual	Recovery	Limits												
Au	0.562	0.522	93%	90% - 110%												

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00683  
 SAMPLING SITE:

AGAT WORK ORDER: 19T491020  
 ATTENTION TO: Craig Yuill, Christine Shultis  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill, Christine Shultis

PROJECT: AGAT00684

AGAT WORK ORDER: 19T491028

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jul 26, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T491028

PROJECT: AGAT00684

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (200-) Sample Login Weight

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D62791 (339741)		0.81
D62792 (339742)		0.59
D62793 (339743)		3.50
D62794 (339744)		2.80
D62795 (339745)		0.67
D62796 (339746)		1.12
D62797 (339747)		2.82
D62798 (339748)		2.82
D62799 (339749)		1.74
D62800 (339750)		3.49
D62801 (339751)		3.86
D62802 (339752)		3.88
D62803 (339753)		3.88
D62804 (339754)		3.53
D62805 (339755)		3.42
D62806 (339756)		0.07
D62807 (339757)		3.65
D62808 (339758)		2.38
D62809 (339759)		1.16
D62810 (339760)		2.18
D62811 (339761)		2.11
D62812 (339762)		0.63
D62813 (339763)		2.66
D62814 (339764)		2.31
D62815 (339765)		3.78
D62816 (339766)		3.19
D62817 (339767)		2.94
D62818 (339768)		2.94
D62819 (339769)		2.11
D62820 (339770)		3.20
D62821 (339771)		1.24

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T491028

PROJECT: AGAT00684

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (200-) Sample Login Weight

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D62822 (339772)		2.49
D62823 (339773)		3.47
D62824 (339774)		2.25
D62825 (339775)		1.16
D62826 (339776)		0.07
D62827 (339777)		2.00
D62828 (339778)		1.99
D62829 (339779)		1.77
D62830 (339780)		2.87
D62831 (339781)		2.58
D62832 (339782)		0.60
D62833 (339783)		3.59
D62834 (339784)		3.68
D62835 (339785)		3.57
D62836 (339786)		3.62
D62837 (339787)		3.65
D62838 (339788)		3.64
D62839 (339789)		3.56
D62840 (339790)		2.72
D62841 (339791)		1.79
D62842 (339792)		1.86
D62843 (339793)		1.70
D62844 (339794)		3.21
D62845 (339795)		3.18
D62846 (339796)		0.07
D62847 (339797)		1.27
D62848 (339798)		1.87
D62849 (339799)		2.05
D62850 (339800)		1.30
D62851 (339801)		2.14
D62852 (339802)		0.52

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T491028

PROJECT: AGAT00684

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (200-) Sample Login Weight

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D62853 (339803)		2.96
D62854 (339804)		1.73
D62855 (339805)		1.48
D62856 (339806)		1.92
D62857 (339807)		3.02
D62858 (339808)		3.02
D62859 (339809)		1.57
D62860 (339810)		2.72
D62861 (339811)		1.77
D62862 (339812)		2.88

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T491028

PROJECT: AGAT00684

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MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D62791 (339741)		<0.5	7.96	<1	150	0.6	<1	5.76	<0.5	28	39.8	115	91.0	7.36	35
D62792 (339742)		<0.5	0.07	<1	17	<0.5	<1	32.0	<0.5	1	<0.5	3.7	<0.5	0.07	<5
D62793 (339743)		<0.5	8.70	<1	194	0.7	<1	5.81	<0.5	16	42.4	122	81.8	6.74	34
D62794 (339744)		<0.5	9.49	<1	225	0.6	<1	5.67	<0.5	18	44.6	136	106	6.81	36
D62795 (339745)		<0.5	7.96	<1	544	1.0	<1	1.98	<0.5	50	5.6	23.3	5.3	2.09	20
D62796 (339746)		<0.5	8.11	<1	435	0.8	<1	1.30	<0.5	56	4.2	13.2	1.6	2.10	20
D62797 (339747)		<0.5	8.10	<1	482	1.1	<1	1.66	<0.5	56	7.0	24.4	13.5	2.38	21
D62798 (339748)		<0.5	8.08	<1	481	1.1	<1	1.63	<0.5	50	6.5	18.7	14.0	2.34	19
D62799 (339749)		<0.5	9.11	<1	233	0.7	<1	6.02	<0.5	44	45.7	120	76.4	7.03	37
D62800 (339750)		<0.5	8.95	<1	203	0.5	<1	5.65	<0.5	41	43.0	102	108	6.71	34
D62801 (339751)		<0.5	8.31	<1	188	<0.5	<1	5.95	<0.5	25	42.5	105	80.8	7.68	37
D62802 (339752)		<0.5	8.23	<1	162	0.5	<1	6.35	<0.5	23	38.8	108	87.2	8.94	40
D62803 (339753)		<0.5	7.77	<1	157	0.7	<1	6.93	<0.5	13	35.0	105	44.0	9.36	39
D62804 (339754)		<0.5	8.09	<1	71	<0.5	<1	6.47	<0.5	14	41.3	111	95.0	9.00	38
D62805 (339755)		<0.5	8.86	<1	141	0.5	<1	5.49	<0.5	16	44.8	117	91.2	7.24	38
D62806 (339756)		<0.5	7.33	<1	139	<0.5	<1	6.45	<0.5	4	38.4	175	153	7.57	33
D62807 (339757)		<0.5	8.68	<1	142	<0.5	<1	5.80	<0.5	18	41.0	133	87.5	7.56	37
D62808 (339758)		<0.5	8.78	<1	141	0.6	<1	5.96	<0.5	40	40.5	136	47.8	6.98	36
D62809 (339759)		0.6	6.95	<1	220	0.8	<1	2.28	<0.5	53	7.3	35.5	14.7	2.62	18
D62810 (339760)		<0.5	7.08	<1	176	0.8	<1	1.34	<0.5	20	1.4	17.2	1.1	1.11	17
D62811 (339761)		<0.5	7.32	<1	327	0.7	<1	1.18	<0.5	16	2.3	25.5	13.2	1.32	15
D62812 (339762)		<0.5	0.08	<1	14	<0.5	<1	30.5	<0.5	<1	0.6	8.9	<0.5	0.11	<5
D62813 (339763)		<0.5	8.78	<1	138	0.7	<1	5.33	<0.5	40	37.3	127	64.1	6.61	35
D62814 (339764)		<0.5	8.90	<1	194	0.7	<1	5.44	<0.5	40	38.4	127	66.8	6.65	34
D62815 (339765)		<0.5	9.03	<1	203	0.6	<1	5.46	<0.5	40	38.7	127	78.4	6.63	36
D62816 (339766)		<0.5	8.80	<1	165	0.6	<1	5.55	<0.5	39	39.2	128	71.8	6.47	33
D62817 (339767)		<0.5	8.49	<1	155	1.4	<1	5.82	<0.5	36	38.4	117	49.8	6.36	34
D62818 (339768)		<0.5	8.61	<1	153	1.5	<1	5.95	<0.5	39	38.9	121	50.2	6.55	35
D62819 (339769)		<0.5	6.34	1	249	2.3	<1	0.94	<0.5	5	1.4	14.7	34.7	0.64	13
D62820 (339770)		<0.5	8.60	<1	170	0.7	<1	5.75	<0.5	68	33.0	109	58.6	6.35	32
D62821 (339771)		<0.5	8.68	<1	244	0.7	<1	5.97	<0.5	71	35.2	104	74.5	6.77	35
D62822 (339772)		<0.5	8.23	<1	234	0.9	<1	6.15	<0.5	34	33.1	127	55.3	6.22	32

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T491028

PROJECT: AGAT00684

5623 McADAM ROAD  
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CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 09, 2019	DATE RECEIVED: Jul 10, 2019							DATE REPORTED: Jul 26, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D62823 (339773)	<0.5	8.11	<1	208	2.4	<1	7.28	<0.5	40	34.4	109	53.5	6.68	33	
D62824 (339774)	<0.5	8.44	<1	146	1.0	<1	5.81	<0.5	40	35.8	119	9.2	7.89	38	
D62825 (339775)	<0.5	6.95	<1	389	0.5	<1	0.79	<0.5	6	0.7	14.0	1.2	0.78	13	
D62826 (339776)	<0.5	7.58	<1	180	0.6	<1	6.03	<0.5	15	36.3	173	106	7.22	33	
D62827 (339777)	0.9	7.36	<1	394	0.5	<1	0.74	<0.5	27	<0.5	11.9	1.3	1.04	15	
D62828 (339778)	<0.5	7.16	<1	322	0.6	<1	0.92	<0.5	9	<0.5	13.1	0.9	0.81	15	
D62829 (339779)	1.2	7.48	2	266	0.8	<1	1.26	<0.5	35	1.4	15.8	3.2	1.01	16	
D62830 (339780)	<0.5	8.19	<1	153	0.5	<1	6.79	<0.5	35	37.3	116	59.5	7.26	35	
D62831 (339781)	<0.5	7.80	<1	149	0.9	<1	5.88	<0.5	35	36.4	107	64.2	6.69	35	
D62832 (339782)	<0.5	0.08	<1	13	<0.5	<1	28.8	<0.5	<1	0.8	5.5	<0.5	0.13	<5	
D62833 (339783)	<0.5	8.58	<1	182	1.5	<1	6.82	<0.5	35	34.8	102	69.4	6.43	33	
D62834 (339784)	<0.5	8.66	<1	197	0.6	<1	6.19	<0.5	40	36.9	114	74.5	6.82	35	
D62835 (339785)	<0.5	8.35	<1	216	0.7	<1	5.83	<0.5	37	38.7	114	66.5	6.84	36	
D62836 (339786)	<0.5	8.50	<1	179	0.7	<1	6.15	<0.5	37	37.8	117	80.9	7.02	35	
D62837 (339787)	<0.5	8.49	<1	208	0.7	<1	6.64	<0.5	37	37.2	118	84.9	7.04	36	
D62838 (339788)	<0.5	8.32	<1	196	0.7	<1	6.39	<0.5	36	38.1	115	81.6	6.80	35	
D62839 (339789)	<0.5	8.32	<1	216	0.6	<1	5.80	<0.5	29	37.7	115	76.4	7.05	34	
D62840 (339790)	<0.5	8.15	<1	185	0.6	<1	6.72	<0.5	29	36.0	114	75.9	6.92	35	
D62841 (339791)	0.5	7.11	<1	225	0.7	<1	1.25	<0.5	13	0.6	10.9	8.8	0.79	16	
D62842 (339792)	<0.5	6.58	<1	303	0.7	<1	0.79	<0.5	10	<0.5	11.7	10.1	0.65	12	
D62843 (339793)	<0.5	7.16	<1	370	0.6	<1	0.71	<0.5	9	<0.5	17.3	11.7	0.69	14	
D62844 (339794)	<0.5	7.95	<1	233	1.1	<1	6.15	<0.5	26	36.2	137	58.3	7.33	32	
D62845 (339795)	<0.5	8.31	<1	242	0.6	<1	5.74	<0.5	37	33.1	109	59.2	6.51	32	
D62846 (339796)	<0.5	7.15	<1	140	<0.5	<1	6.52	<0.5	4	38.6	195	150	7.63	31	
D62847 (339797)	<0.5	7.17	1	314	0.7	<1	1.04	<0.5	16	<0.5	17.1	5.2	0.76	14	
D62848 (339798)	<0.5	7.44	<1	140	1.2	<1	1.62	<0.5	16	0.7	12.4	3.1	0.69	16	
D62849 (339799)	<0.5	7.23	<1	299	0.7	<1	1.12	<0.5	4	<0.5	17.6	2.6	0.63	14	
D62850 (339800)	<0.5	7.40	<1	378	0.6	<1	1.01	<0.5	4	0.9	18.3	2.8	0.69	14	
D62851 (339801)	<0.5	8.58	<1	335	0.9	<1	4.72	<0.5	49	19.2	57.4	54.9	4.10	25	
D62852 (339802)	<0.5	0.08	<1	14	<0.5	<1	30.8	<0.5	<1	0.7	3.7	<0.5	0.10	<5	
D62853 (339803)	<0.5	7.73	<1	429	0.6	<1	1.08	<0.5	11	1.1	15.1	4.4	1.06	15	
D62854 (339804)	<0.5	8.10	<1	287	1.1	<1	2.53	<0.5	76	7.5	25.2	6.6	3.24	23	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T491028

PROJECT: AGAT00684

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D62855 (339805)		<0.5	8.23	<1	347	1.2	<1	3.31	<0.5	99	8.8	23.1	8.3	3.20	20
D62856 (339806)		<0.5	8.08	<1	370	1.2	<1	3.58	<0.5	95	9.8	24.3	6.3	3.02	20
D62857 (339807)		<0.5	8.23	<1	468	1.2	<1	3.70	<0.5	104	10.2	30.5	15.3	3.23	22
D62858 (339808)		<0.5	8.28	<1	471	1.2	<1	3.67	<0.5	103	9.8	31.5	14.8	3.24	21
D62859 (339809)		<0.5	8.36	<1	490	1.3	<1	3.91	<0.5	97	10.6	27.2	4.9	3.48	23
D62860 (339810)		<0.5	8.49	<1	452	1.7	<1	3.72	<0.5	75	9.9	28.2	10.3	3.18	22
D62861 (339811)		<0.5	8.44	<1	375	1.0	<1	3.83	<0.5	77	13.2	25.2	26.9	3.52	21
D62862 (339812)		<0.5	7.36	<1	415	0.7	<1	0.86	<0.5	12	0.8	13.5	3.1	0.79	12

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D62791 (339741)		<1	0.60	13	15	2.09	1370	1.9	2.39	109	777	<20	<50	0.12	1
D62792 (339742)		<1	0.02	2	<1	1.58	108	<0.5	0.04	<0.5	60	<20	<50	0.02	1
D62793 (339743)		<1	0.55	8	17	2.09	1220	1.9	2.74	132	603	<20	<50	0.10	<1
D62794 (339744)		<1	0.84	9	21	1.81	1210	1.9	3.02	131	563	<20	<50	0.13	<1
D62795 (339745)		<1	1.97	24	21	0.62	295	1.7	3.16	8.8	533	<20	<50	0.01	<1
D62796 (339746)		<1	3.68	29	19	0.65	278	1.2	3.05	6.6	427	<20	<50	0.01	<1
D62797 (339747)		<1	2.24	27	23	0.94	370	1.7	3.80	13.7	577	<20	<50	0.02	<1
D62798 (339748)		<1	2.22	25	22	0.92	360	1.1	3.73	18.0	532	<20	<50	0.02	<1
D62799 (339749)		<1	1.07	19	16	1.87	1280	1.8	2.63	119	1230	<20	<50	0.09	<1
D62800 (339750)		<1	0.80	17	20	1.60	1280	1.9	2.67	108	1020	<20	<50	0.12	<1
D62801 (339751)		<1	0.85	12	20	2.30	1470	1.8	2.13	119	744	<20	<50	0.10	<1
D62802 (339752)		<1	0.63	11	17	2.53	1880	1.7	1.92	110	701	<20	<50	0.12	<1
D62803 (339753)		<1	0.53	7	20	2.95	2170	1.9	1.76	98.5	544	<20	<50	0.08	1
D62804 (339754)		<1	0.31	8	18	2.77	1760	1.7	2.09	117	565	<20	<50	0.13	<1
D62805 (339755)		<1	0.46	8	20	1.88	1400	1.7	2.82	138	529	<20	<50	0.12	<1
D62806 (339756)		<1	0.20	3	13	4.17	1380	1.7	2.40	83.1	398	<20	<50	0.15	2
D62807 (339757)		<1	0.65	9	21	1.99	1460	2.3	2.63	124	619	<20	<50	0.12	<1
D62808 (339758)		<1	0.72	17	21	1.93	1370	1.9	2.58	119	1240	<20	<50	0.09	1
D62809 (339759)		<1	2.71	26	15	0.36	1780	1.8	2.13	19.8	566	<20	<50	0.03	<1
D62810 (339760)		<1	2.55	10	13	0.15	254	1.7	2.93	3.2	51	<20	<50	<0.01	<1
D62811 (339761)		<1	4.14	8	12	0.19	414	1.9	2.40	7.9	187	21	<50	0.03	<1
D62812 (339762)		<1	0.01	2	2	2.45	119	0.5	0.04	0.6	72	<20	<50	0.03	<1
D62813 (339763)		<1	0.96	18	24	1.79	1190	1.9	2.73	118	1220	<20	<50	0.11	<1
D62814 (339764)		<1	0.91	17	26	1.83	1200	2.0	2.77	116	1130	<20	<50	0.11	<1
D62815 (339765)		<1	0.92	17	25	1.86	1170	1.7	2.86	113	1260	<20	<50	0.12	<1
D62816 (339766)		<1	0.76	17	19	1.90	1230	1.7	2.81	114	1160	<20	<50	0.10	<1
D62817 (339767)		<1	0.78	16	18	1.92	1340	1.6	2.63	110	1150	<20	<50	0.08	1
D62818 (339768)		<1	0.78	17	17	1.95	1370	1.9	2.69	111	1220	<20	<50	0.08	<1
D62819 (339769)		<1	3.53	3	6	0.04	288	1.5	2.28	4.7	60	<20	<50	0.06	<1
D62820 (339770)		<1	0.59	29	17	2.21	1130	2.0	2.81	93.7	1650	<20	<50	0.09	<1
D62821 (339771)		<1	0.71	30	19	2.47	1270	1.7	2.62	101	1740	<20	<50	0.10	1
D62822 (339772)		<1	1.22	15	17	2.26	1210	1.9	2.66	98.1	890	<20	<50	0.07	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T491028

PROJECT: AGAT00684

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D62823 (339773)		<1	0.81	18	15	1.97	1670	2.5	2.05	94.3	1170	<20	<50	0.08	<1
D62824 (339774)		<1	1.23	17	19	2.20	1620	1.9	2.42	106	1130	<20	<50	0.03	1
D62825 (339775)		<1	4.75	3	4	0.09	243	1.3	2.09	3.0	64	22	<50	<0.01	<1
D62826 (339776)		<1	0.45	9	11	4.15	1290	1.8	2.41	103	841	<20	<50	0.09	2
D62827 (339777)		<1	5.09	14	2	0.05	945	1.3	2.20	0.6	74	26	<50	<0.01	<1
D62828 (339778)		<1	4.35	5	3	0.07	573	1.5	2.59	1.2	35	<20	<50	<0.01	<1
D62829 (339779)		<1	3.27	17	3	0.10	632	1.6	2.86	4.3	81	<20	<50	<0.01	<1
D62830 (339780)		<1	0.59	16	14	2.20	1500	1.9	2.29	108	1110	<20	<50	0.10	<1
D62831 (339781)		<1	0.62	15	12	2.01	1360	1.8	2.76	103	985	<20	<50	0.12	1
D62832 (339782)		<1	0.01	2	2	3.20	124	0.6	0.05	1.1	74	<20	<50	0.03	<1
D62833 (339783)		<1	0.75	15	13	1.75	1430	1.8	2.99	98.9	1080	<20	<50	0.13	<1
D62834 (339784)		<1	0.63	17	17	1.77	1420	1.6	2.72	104	1190	<20	<50	0.11	<1
D62835 (339785)		<1	0.68	16	22	1.84	1380	1.5	2.63	114	1160	<20	<50	0.09	1
D62836 (339786)		<1	0.60	16	21	2.09	1430	1.8	2.72	110	1130	<20	<50	0.12	<1
D62837 (339787)		<1	0.59	16	18	2.42	1510	1.6	2.62	106	1100	<20	<50	0.12	<1
D62838 (339788)		<1	0.57	16	17	2.36	1460	1.5	2.54	108	1080	<20	<50	0.11	<1
D62839 (339789)		<1	0.55	13	18	2.55	1370	1.5	2.69	110	866	<20	<50	0.09	<1
D62840 (339790)		<1	0.57	13	16	2.58	1480	1.8	2.41	106	969	<20	<50	0.10	<1
D62841 (339791)		<1	2.82	7	2	0.05	489	1.3	2.80	1.7	46	26	<50	0.01	<1
D62842 (339792)		<1	4.03	5	3	0.04	220	1.5	2.15	1.5	68	25	<50	0.02	<1
D62843 (339793)		<1	5.40	5	3	0.05	319	1.4	2.08	2.0	96	29	57	0.02	<1
D62844 (339794)		<1	0.82	12	23	2.79	1410	2.1	2.40	101	760	<20	<50	0.08	2
D62845 (339795)		<1	0.64	16	20	2.18	1240	1.9	2.66	82.4	1070	<20	<50	0.09	2
D62846 (339796)		<1	0.20	3	13	4.14	1380	1.4	2.35	84.9	389	<20	<50	0.14	2
D62847 (339797)		<1	3.86	8	3	0.08	276	1.3	2.39	1.6	42	20	<50	0.01	<1
D62848 (339798)		<1	1.84	8	6	0.07	269	1.3	3.48	2.0	30	<20	<50	0.01	<1
D62849 (339799)		<1	3.85	3	4	0.06	203	1.6	2.56	2.3	190	<20	<50	<0.01	<1
D62850 (339800)		<1	4.64	3	5	0.08	115	1.7	2.29	3.5	123	21	54	<0.01	<1
D62851 (339801)		<1	1.26	24	17	1.09	796	2.0	2.61	41.4	852	<20	<50	0.11	<1
D62852 (339802)		<1	0.03	2	1	2.62	117	<0.5	0.04	<0.5	85	<20	<50	<0.01	<1
D62853 (339803)		<1	5.12	5	11	0.16	152	1.3	2.27	2.3	259	24	57	0.02	<1
D62854 (339804)		<1	1.58	35	37	0.84	378	2.0	3.04	14.0	1450	<20	<50	0.03	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T491028

PROJECT: AGAT00684

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 09, 2019	DATE RECEIVED: Jul 10, 2019					DATE REPORTED: Jul 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D62855 (339805)	<1	1.32	45	32	1.03	562	1.8	2.82	18.5	1450	<20	<50	0.02	<1	
D62856 (339806)	<1	1.06	44	25	0.94	588	1.3	2.71	18.2	1260	<20	<50	0.02	<1	
D62857 (339807)	<1	1.50	48	26	0.96	576	2.0	2.64	18.8	1460	<20	<50	0.03	<1	
D62858 (339808)	<1	1.51	48	26	0.96	581	2.4	2.61	18.8	1420	<20	<50	0.04	<1	
D62859 (339809)	<1	1.68	45	28	1.16	624	1.7	2.65	19.1	1410	<20	<50	0.02	<1	
D62860 (339810)	<1	1.53	35	27	0.99	512	1.9	2.77	16.4	1220	<20	<50	0.03	<1	
D62861 (339811)	<1	1.19	36	19	1.10	608	6.7	2.92	21.2	1180	<20	<50	0.06	<1	
D62862 (339812)	<1	4.89	6	7	0.10	132	1.0	2.34	1.3	45	21	<50	0.02	1	

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## Certificate of Analysis

AGAT WORK ORDER: 19T491028

PROJECT: AGAT00684

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 26, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D62791 (339741)	25	<10	<5	303	<10	<10	<5	0.92	<5	<50	181	<1	23	118
D62792 (339742)	<1	<10	<5	74	<10	<10	<5	<0.01	<5	<50	0.9	<1	2	3.5
D62793 (339743)	26	<10	<5	310	<10	<10	<5	0.92	<5	<50	195	<1	22	108
D62794 (339744)	28	<10	<5	297	<10	<10	<5	1.00	<5	<50	215	<1	24	121
D62795 (339745)	5	<10	<5	340	<10	<10	<5	0.20	<5	<50	35.6	<1	7	48.7
D62796 (339746)	4	<10	<5	281	<10	<10	<5	0.19	<5	<50	29.1	<1	5	60.1
D62797 (339747)	7	<10	<5	365	<10	<10	<5	0.24	<5	<50	46.4	<1	8	48.7
D62798 (339748)	6	<10	<5	359	<10	<10	<5	0.23	<5	<50	44.4	<1	7	46.9
D62799 (339749)	28	<10	<5	323	<10	<10	<5	1.08	<5	<50	198	<1	29	120
D62800 (339750)	27	<10	<5	278	<10	<10	<5	1.08	<5	<50	194	<1	28	109
D62801 (339751)	26	<10	<5	277	<10	<10	<5	0.92	<5	<50	187	<1	24	119
D62802 (339752)	26	<10	<5	268	<10	<10	<5	0.91	<5	<50	183	<1	23	136
D62803 (339753)	25	<10	<5	245	<10	<10	<5	0.80	<5	<50	174	<1	20	131
D62804 (339754)	25	<10	<5	292	<10	<10	<5	0.84	<5	<50	184	<1	23	132
D62805 (339755)	26	<10	<5	254	<10	<10	<5	0.93	<5	<50	197	<1	23	115
D62806 (339756)	45	<10	<5	111	<10	<10	<5	0.67	<5	<50	297	<1	22	74.6
D62807 (339757)	26	<10	<5	283	<10	<10	<5	0.92	<5	<50	192	<1	23	119
D62808 (339758)	27	<10	<5	313	<10	<10	<5	0.99	<5	<50	197	<1	26	115
D62809 (339759)	12	<10	<5	122	<10	<10	26	0.24	<5	<50	41.1	<1	47	39.4
D62810 (339760)	2	<10	<5	114	<10	<10	10	0.07	<5	<50	4.1	<1	4	31.0
D62811 (339761)	4	<10	<5	129	<10	<10	5	0.09	<5	<50	11.0	<1	8	31.4
D62812 (339762)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	3.6
D62813 (339763)	26	<10	<5	327	<10	<10	<5	0.99	<5	<50	191	<1	25	124
D62814 (339764)	27	<10	<5	336	<10	<10	<5	0.98	<5	<50	191	<1	25	110
D62815 (339765)	27	<10	<5	342	<10	<10	<5	1.02	<5	<50	194	<1	25	111
D62816 (339766)	26	<10	<5	356	<10	<10	<5	0.98	<5	<50	187	<1	25	107
D62817 (339767)	26	<10	<5	344	<10	<10	<5	0.91	<5	<50	183	<1	23	109
D62818 (339768)	27	<10	<5	351	<10	<10	<5	0.93	<5	<50	185	<1	24	113
D62819 (339769)	2	<10	<5	123	<10	<10	<5	0.01	<5	<50	3.2	<1	7	7.1
D62820 (339770)	22	<10	<5	533	<10	<10	<5	0.88	<5	<50	161	<1	23	103
D62821 (339771)	25	<10	<5	544	<10	<10	<5	0.92	<5	<50	173	<1	25	102
D62822 (339772)	25	<10	<5	405	<10	<10	<5	0.78	<5	<50	160	<1	20	94.3

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AGAT WORK ORDER: 19T491028

PROJECT: AGAT00684

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 26, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D62823 (339773)	24	<10	<5	408	<10	<10	<5	0.85	<5	<50	164	20	24	119
D62824 (339774)	25	<10	<5	319	<10	<10	<5	0.95	<5	<50	177	<1	23	140
D62825 (339775)	2	<10	<5	127	<10	<10	<5	0.04	<5	<50	4.6	<1	4	16.2
D62826 (339776)	35	<10	<5	246	<10	<10	<5	0.85	<5	<50	239	<1	22	82.1
D62827 (339777)	5	<10	<5	125	<10	<10	20	<0.01	<5	<50	1.8	<1	24	7.8
D62828 (339778)	3	<10	<5	118	<10	<10	<5	0.03	<5	<50	4.5	<1	13	7.3
D62829 (339779)	4	<10	<5	133	<10	<10	19	0.03	<5	<50	7.1	<1	16	11.7
D62830 (339780)	24	<10	<5	418	<10	<10	<5	0.90	<5	<50	173	<1	23	107
D62831 (339781)	24	<10	<5	373	<10	<10	<5	0.81	<5	<50	166	<1	22	98.6
D62832 (339782)	<1	<10	<5	62	<10	<10	<5	<0.01	<5	<50	1.5	<1	2	6.2
D62833 (339783)	25	<10	<5	365	<10	<10	<5	0.84	<5	<50	170	<1	30	95.3
D62834 (339784)	26	<10	<5	389	<10	<10	<5	0.97	<5	<50	184	<1	24	105
D62835 (339785)	26	<10	<5	366	<10	<10	<5	0.93	<5	<50	184	<1	24	105
D62836 (339786)	25	<10	<5	427	<10	<10	<5	0.94	<5	<50	179	<1	23	106
D62837 (339787)	27	<10	<5	334	<10	<10	<5	0.94	<5	<50	183	<1	23	106
D62838 (339788)	26	<10	<5	322	<10	<10	<5	0.91	<5	<50	180	<1	23	103
D62839 (339789)	25	<10	<5	407	<10	<10	<5	0.87	<5	<50	171	<1	21	104
D62840 (339790)	24	<10	<5	329	<10	<10	<5	0.86	<5	<50	163	<1	22	106
D62841 (339791)	3	<10	<5	125	<10	<10	15	0.01	<5	<50	2.2	<1	12	12.8
D62842 (339792)	1	<10	<5	107	<10	<10	13	0.02	<5	<50	1.8	<1	4	11.6
D62843 (339793)	2	<10	<5	120	<10	<10	8	0.02	<5	<50	2.1	<1	6	12.8
D62844 (339794)	24	<10	<5	286	<10	<10	<5	0.83	<5	<50	168	<1	21	116
D62845 (339795)	25	<10	<5	399	<10	<10	<5	0.88	<5	<50	166	<1	22	108
D62846 (339796)	45	<10	<5	109	<10	<10	<5	0.67	<5	<50	299	<1	22	77.9
D62847 (339797)	2	<10	<5	124	<10	<10	8	0.03	<5	<50	2.5	<1	5	14.3
D62848 (339798)	2	<10	<5	121	<10	<10	7	0.03	<5	<50	2.5	<1	4	15.2
D62849 (339799)	1	<10	<5	121	<10	<10	<5	0.02	<5	<50	1.6	<1	4	13.1
D62850 (339800)	1	<10	<5	135	<10	<10	<5	0.04	<5	<50	5.8	<1	2	14.1
D62851 (339801)	13	<10	<5	371	<10	<10	<5	0.52	<5	<50	93.4	<1	14	86.1
D62852 (339802)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	5.0
D62853 (339803)	2	<10	<5	156	<10	<10	<5	0.08	<5	<50	6.6	<1	2	32.3
D62854 (339804)	6	<10	<5	299	<10	<10	<5	0.36	<5	<50	48.7	<1	9	106

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## Certificate of Analysis

AGAT WORK ORDER: 19T491028

PROJECT: AGAT00684

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 26, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D62855 (339805)	7	<10	<5	419	<10	<10	<5	0.37	<5	<50	55.8	<1	12	79.0
D62856 (339806)	8	<10	<5	498	<10	<10	<5	0.36	<5	<50	58.2	<1	13	64.8
D62857 (339807)	8	<10	<5	555	<10	<10	<5	0.41	<5	<50	62.6	<1	14	68.4
D62858 (339808)	8	<10	<5	542	<10	<10	<5	0.41	<5	<50	61.5	<1	14	67.4
D62859 (339809)	9	<10	<5	564	<10	<10	<5	0.48	<5	<50	62.8	<1	15	78.3
D62860 (339810)	9	<10	<5	506	<10	<10	<5	0.41	<5	<50	64.8	<1	12	68.4
D62861 (339811)	8	<10	<5	377	<10	<10	<5	0.38	<5	<50	60.8	<1	12	123
D62862 (339812)	2	<10	<5	132	<10	<10	<5	0.05	<5	<50	5.9	<1	2	19.9

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## Certificate of Analysis

AGAT WORK ORDER: 19T491028

PROJECT: AGAT00684

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D62791 (339741)				15
D62792 (339742)				<5
D62793 (339743)				12
D62794 (339744)				12
D62795 (339745)				64
D62796 (339746)				62
D62797 (339747)				70
D62798 (339748)				68
D62799 (339749)				19
D62800 (339750)				12
D62801 (339751)				15
D62802 (339752)				23
D62803 (339753)				15
D62804 (339754)				15
D62805 (339755)				13
D62806 (339756)				53
D62807 (339757)				18
D62808 (339758)				15
D62809 (339759)				132
D62810 (339760)				79
D62811 (339761)				59
D62812 (339762)				<5
D62813 (339763)				22
D62814 (339764)				15
D62815 (339765)				15
D62816 (339766)				15
D62817 (339767)				23
D62818 (339768)				23
D62819 (339769)				33
D62820 (339770)				29
D62821 (339771)				24
D62822 (339772)				16

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## Certificate of Analysis

AGAT WORK ORDER: 19T491028

PROJECT: AGAT00684

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 26, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D62823 (339773)	27
D62824 (339774)	25
D62825 (339775)	34
D62826 (339776)	89
D62827 (339777)	140
D62828 (339778)	81
D62829 (339779)	215
D62830 (339780)	17
D62831 (339781)	18
D62832 (339782)	<5
D62833 (339783)	32
D62834 (339784)	18
D62835 (339785)	18
D62836 (339786)	18
D62837 (339787)	19
D62838 (339788)	18
D62839 (339789)	18
D62840 (339790)	19
D62841 (339791)	96
D62842 (339792)	28
D62843 (339793)	23
D62844 (339794)	19
D62845 (339795)	20
D62846 (339796)	53
D62847 (339797)	27
D62848 (339798)	19
D62849 (339799)	18
D62850 (339800)	14
D62851 (339801)	34
D62852 (339802)	<5
D62853 (339803)	35
D62854 (339804)	51

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PROJECT: AGAT00684

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 26, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D62855 (339805)	67
D62856 (339806)	50
D62857 (339807)	36
D62858 (339808)	36
D62859 (339809)	37
D62860 (339810)	55
D62861 (339811)	69
D62862 (339812)	19

Comments: RDL - Reported Detection Limit

339741-339812 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T491028

PROJECT: AGAT00684

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D62791 (339741)			0.011
D62792 (339742)			0.002
D62793 (339743)			0.004
D62794 (339744)			0.004
D62795 (339745)			0.004
D62796 (339746)			0.003
D62797 (339747)			0.003
D62798 (339748)			0.002
D62799 (339749)			0.008
D62800 (339750)			0.006
D62801 (339751)			0.006
D62802 (339752)			0.006
D62803 (339753)			0.014
D62804 (339754)			0.006
D62805 (339755)			0.007
D62806 (339756)			0.526
D62807 (339757)			0.005
D62808 (339758)			0.003
D62809 (339759)			0.002
D62810 (339760)			0.002
D62811 (339761)			0.006
D62812 (339762)			0.003
D62813 (339763)			0.007
D62814 (339764)			0.005
D62815 (339765)			0.005
D62816 (339766)			0.004
D62817 (339767)			0.004
D62818 (339768)			0.003
D62819 (339769)			0.006
D62820 (339770)			0.005
D62821 (339771)			0.004
D62822 (339772)			0.003

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## Certificate of Analysis

AGAT WORK ORDER: 19T491028

PROJECT: AGAT00684

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D62823 (339773)			0.006
D62824 (339774)			0.003
D62825 (339775)			0.005
D62826 (339776)			0.339
D62827 (339777)			0.004
D62828 (339778)			0.002
D62829 (339779)			0.003
D62830 (339780)			0.003
D62831 (339781)			0.002
D62832 (339782)			0.002
D62833 (339783)			0.002
D62834 (339784)			0.002
D62835 (339785)			0.003
D62836 (339786)			0.004
D62837 (339787)			0.003
D62838 (339788)			0.004
D62839 (339789)			0.005
D62840 (339790)			0.005
D62841 (339791)			0.005
D62842 (339792)			0.003
D62843 (339793)			0.003
D62844 (339794)			0.003
D62845 (339795)			0.002
D62846 (339796)			0.524
D62847 (339797)			0.002
D62848 (339798)			0.002
D62849 (339799)			0.002
D62850 (339800)			0.002
D62851 (339801)			0.006
D62852 (339802)			0.002
D62853 (339803)			0.002
D62854 (339804)			0.003

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T491028

PROJECT: AGAT00684

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 26, 2019

SAMPLE TYPE: Drill Core

Analyte:	Unit:	RDL:
Au	ppm	0.001
Sample ID (AGAT ID)		
D62855 (339805)		0.003
D62856 (339806)		0.001
D62857 (339807)		0.001
D62858 (339808)		0.002
D62859 (339809)		0.009
D62860 (339810)		0.002
D62861 (339811)		0.002
D62862 (339812)		0.001

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T491028

PROJECT: AGAT00684

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D62791 (339741)		83.73
D62810 (339760)		82.81
D62830 (339780)		81.94
D62850 (339800)		81.82

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T491028

PROJECT: AGAT00684

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 09, 2019

DATE RECEIVED: Jul 10, 2019

DATE REPORTED: Jul 26, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL: 0.01
D62791 (339741)	85.17

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	339741	< 0.5	< 0.5	0.0%	339755	< 0.5	< 0.5	0.0%	339766	< 0.5	< 0.5	0.0%	339780	< 0.5	< 0.5	0.0%
Al	339741	7.96	8.04	1.0%	339755	8.86	8.77	1.0%	339766	8.80	8.86	0.7%	339780	8.19	8.23	0.5%
As	339741	< 1	< 1	0.0%	339755	< 1	< 1	0.0%	339766	< 1	< 1	0.0%	339780	< 1	< 1	0.0%
Ba	339741	150	148	1.3%	339755	141	138	2.2%	339766	165	160	3.1%	339780	153	154	0.7%
Be	339741	0.56	0.52	7.4%	339755	0.5	0.5	0.0%	339766	0.6	0.6	0.0%	339780	0.55	0.58	5.3%
Bi	339741	< 1	< 1	0.0%	339755	< 1	< 1	0.0%	339766	< 1	< 1	0.0%	339780	< 1	< 1	0.0%
Ca	339741	5.76	5.73	0.5%	339755	5.49	5.43	1.1%	339766	5.55	5.50	0.9%	339780	6.79	6.78	0.1%
Cd	339741	< 0.5	< 0.5	0.0%	339755	< 0.5	< 0.5	0.0%	339766	< 0.5	< 0.5	0.0%	339780	< 0.5	< 0.5	0.0%
Ce	339741	28	28	0.0%	339755	16	16	0.0%	339766	39	39	0.0%	339780	35	36	2.8%
Co	339741	39.8	39.2	1.5%	339755	44.8	43.5	2.9%	339766	39.2	38.4	2.1%	339780	37.3	37.6	0.8%
Cr	339741	115	119	3.4%	339755	117	113	3.5%	339766	128	129	0.8%	339780	116	119	2.6%
Cu	339741	91.0	88.9	2.3%	339755	91.2	88.6	2.9%	339766	71.8	72.8	1.4%	339780	59.5	62.1	4.3%
Fe	339741	7.36	7.29	1.0%	339755	7.24	7.15	1.3%	339766	6.47	6.42	0.8%	339780	7.26	7.28	0.3%
Ga	339741	35	35	0.0%	339755	38	36	5.4%	339766	33	34	3.0%	339780	35	36	2.8%
In	339741	< 1	< 1	0.0%	339755	< 1	< 1	0.0%	339766	< 1	< 1	0.0%	339780	< 1	< 1	0.0%
K	339741	0.60	0.60	0.0%	339755	0.457	0.453	0.9%	339766	0.764	0.766	0.3%	339780	0.59	0.59	0.0%
La	339741	13	13	0.0%	339755	8	8	0.0%	339766	17	17	0.0%	339780	16	16	0.0%
Li	339741	15	15	0.0%	339755	20	20	0.0%	339766	19	19	0.0%	339780	14	14	0.0%
Mg	339741	2.09	2.09	0.0%	339755	1.88	1.87	0.5%	339766	1.90	1.90	0.0%	339780	2.20	2.21	0.5%
Mn	339741	1370	1360	0.7%	339755	1400	1390	0.7%	339766	1230	1240	0.8%	339780	1500	1500	0.0%
Mo	339741	1.9	2.0	5.1%	339755	1.69	1.44	16.0%	339766	1.72	2.01	15.5%	339780	1.92	1.83	4.8%
Na	339741	2.39	2.41	0.8%	339755	2.82	2.78	1.4%	339766	2.81	2.81	0.0%	339780	2.29	2.31	0.9%
Ni	339741	109	109	0.0%	339755	138	136	1.5%	339766	114	113	0.9%	339780	108	110	1.8%
P	339741	777	772	0.6%	339755	529	523	1.1%	339766	1160	1190	2.6%	339780	1110	1120	0.9%
Pb	339741	< 20	< 20	0.0%	339755	< 20	< 20	0.0%	339766	< 20	< 20	0.0%	339780	< 20	< 20	0.0%
Rb	339741	< 50	< 50	0.0%	339755	< 50	< 50	0.0%	339766	< 50	< 50	0.0%	339780	< 50	< 50	0.0%
S	339741	0.12	0.12	0.0%	339755	0.12	0.12	0.0%	339766	0.103	0.107	3.8%	339780	0.10	0.10	0.0%
Sb	339741	1	< 1		339755	< 1	< 1	0.0%	339766	< 1	< 1	0.0%	339780	< 1	2	
Sc	339741	25	25	0.0%	339755	26	25	3.9%	339766	26	26	0.0%	339780	24	24	0.0%
Se	339741	< 10	< 10	0.0%	339755	< 10	< 10	0.0%	339766	< 10	< 10	0.0%	339780	< 10	< 10	0.0%
Sn	339741	< 5	< 5	0.0%	339755	< 5	< 5	0.0%	339766	< 5	< 5	0.0%	339780	< 5	< 5	0.0%





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

Sr	339741	303	304	0.3%	339755	254	250	1.6%	339766	356	353	0.8%	339780	418	424	1.4%
Ta	339741	< 10	< 10	0.0%	339755	< 10	< 10	0.0%	339766	< 10	< 10	0.0%	339780	< 10	< 10	0.0%
Te	339741	< 10	< 10	0.0%	339755	< 10	< 10	0.0%	339766	< 10	< 10	0.0%	339780	< 10	< 10	0.0%
Th	339741	< 5	< 5	0.0%	339755	< 5	< 5	0.0%	339766	< 5	< 5	0.0%	339780	< 5	< 5	0.0%
Ti	339741	0.919	0.914	0.5%	339755	0.93	0.91	2.2%	339766	0.98	0.98	0.0%	339780	0.90	0.90	0.0%
Tl	339741	< 5	< 5	0.0%	339755	< 5	< 5	0.0%	339766	< 5	< 5	0.0%	339780	< 5	< 5	0.0%
U	339741	< 50	< 50	0.0%	339755	< 50	< 50	0.0%	339766	< 50	< 50	0.0%	339780	< 50	< 50	0.0%
V	339741	181	180	0.6%	339755	197	193	2.1%	339766	187	186	0.5%	339780	173	173	0.0%
W	339741	< 1	< 1	0.0%	339755	< 1	< 1	0.0%	339766	< 1	< 1	0.0%	339780	< 1	< 1	0.0%
Y	339741	23	23	0.0%	339755	23	22	4.4%	339766	25	25	0.0%	339780	23	22	4.4%
Zn	339741	118	115	2.6%	339755	115	112	2.6%	339766	107	106	0.9%	339780	107	109	1.9%
Zr	339741	15	14	6.9%	339755	13	13	0.0%	339766	15	14	6.9%	339780	17	17	0.0%

Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	339791	0.5	0.5	0.0%	339805	< 0.5	< 0.5	0.0%								
Al	339791	7.11	6.98	1.8%	339805	8.23	7.96	3.3%								
As	339791	< 1	< 1	0.0%	339805	< 1	< 1	0.0%								
Ba	339791	225	220	2.2%	339805	347	336	3.2%								
Be	339791	0.7	0.7	0.0%	339805	1.15	1.14	0.9%								
Bi	339791	< 1	< 1	0.0%	339805	< 1	< 1	0.0%								
Ca	339791	1.25	1.25	0.0%	339805	3.31	3.26	1.5%								
Cd	339791	< 0.5	< 0.5	0.0%	339805	< 0.5	< 0.5	0.0%								
Ce	339791	13	11	16.7%	339805	99	98	1.0%								
Co	339791	0.64	0.72	11.8%	339805	8.8	8.9	1.1%								
Cr	339791	10.9	10.6	2.8%	339805	23.1	23.1	0.0%								
Cu	339791	8.79	8.51	3.2%	339805	8.3	7.6	8.8%								
Fe	339791	0.79	0.83	4.9%	339805	3.20	3.11	2.9%								
Ga	339791	16	15	6.5%	339805	20	20	0.0%								
In	339791	< 1	< 1	0.0%	339805	< 1	< 1	0.0%								
K	339791	2.82	2.77	1.8%	339805	1.32	1.27	3.9%								
La	339791	7	6	15.4%	339805	45	45	0.0%								
Li	339791	2	2	0.0%	339805	32	31	3.2%								
Mg	339791	0.055	0.061	10.3%	339805	1.03	1.00	3.0%								
Mn	339791	489	509	4.0%	339805	562	548	2.5%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

Mo	339791	1.3	1.4	7.4%	339805	1.76	1.70	3.5%								
Na	339791	2.80	2.73	2.5%	339805	2.82	2.78	1.4%								
Ni	339791	1.72	2.01	15.5%	339805	18.5	18.2	1.6%								
P	339791	46	49	6.3%	339805	1450	1400	3.5%								
Pb	339791	26	29	10.9%	339805	< 20	< 20	0.0%								
Rb	339791	< 50	< 50	0.0%	339805	< 50	< 50	0.0%								
S	339791	0.01	0.01	0.0%	339805	0.02	0.02	0.0%								
Sb	339791	< 1	< 1	0.0%	339805	< 1	< 1	0.0%								
Sc	339791	3	3	0.0%	339805	7	8	13.3%								
Se	339791	< 10	< 10	0.0%	339805	< 10	< 10	0.0%								
Sn	339791	< 5	< 5	0.0%	339805	< 5	< 5	0.0%								
Sr	339791	125	122	2.4%	339805	419	418	0.2%								
Ta	339791	< 10	< 10	0.0%	339805	< 10	< 10	0.0%								
Te	339791	< 10	< 10	0.0%	339805	< 10	< 10	0.0%								
Th	339791	15	15	0.0%	339805	< 5	< 5	0.0%								
Ti	339791	0.01	0.01	0.0%	339805	0.365	0.360	1.4%								
Tl	339791	< 5	< 5	0.0%	339805	< 5	< 5	0.0%								
U	339791	< 50	< 50	0.0%	339805	< 50	< 50	0.0%								
V	339791	2.20	2.45	10.8%	339805	55.8	55.5	0.5%								
W	339791	< 1	< 1	0.0%	339805	< 1	< 1	0.0%								
Y	339791	12	12	0.0%	339805	12	13	8.0%								
Zn	339791	12.8	13.1	2.3%	339805	79.0	76.7	3.0%								
Zr	339791	96	87	9.8%	339805	67	68	1.5%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	339741	0.011	0.007		339755	0.007	0.014		339780	0.003	0.003	0.0%	339791	0.005	0.005	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	339791	0.005	0.005	0.0%	339805	0.003	0.006									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP5G)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	2.75	91%	90% - 110%
Al	10.95	11.28	103%	90% - 110%	8.17	8.46	104%	90% - 110%	6.96	7.18	103%	90% - 110%	4.75	4.97	105%	90% - 110%
As					26	23	90%	90% - 110%	124	123	99%	90% - 110%				
Ba	340	319	94%	90% - 110%	540	502	93%	90% - 110%	186	177	95%	90% - 110%	216	214	99%	90% - 110%
Be	2.6	2.8	108%	90% - 110%	4.0	3.4	85%	90% - 110%								
Ca	5.72	5.43	95%	90% - 110%	0.907	0.853	94%	90% - 110%	4.01	3.74	93%	90% - 110%	10	9	93%	90% - 110%
Ce	122	110	90%	90% - 110%	98	94	96%	90% - 110%	24	23	95%	90% - 110%				
Co									22.1	20	91%	90% - 110%	191	177	93%	90% - 110%
Cr					60.3	61.6	102%	90% - 110%					670	660	99%	90% - 110%
Cu					150	154	103%	90% - 110%	88.6	87.5	99%	90% - 110%	7120	7410	104%	90% - 110%
Fe	4.34	3.94	91%	90% - 110%	3.77	3.5	93%	90% - 110%	7.56	6.98	92%	90% - 110%	12.71	11.76	93%	90% - 110%
Ga	35	38	110%	90% - 110%												
K	1.37	1.49	109%	90% - 110%					2.021	2.12	105%	90% - 110%	0.1021	0.1059	104%	90% - 110%
La	58	54	93%	90% - 110%	44	41	94%	90% - 110%					8.47	7.74	91%	90% - 110%
Li	37	40	109%	90% - 110%	47	49	104%	90% - 110%								
Mg	0.325	0.301	93%	90% - 110%	1.10	1.06	97%	90% - 110%	2.412	2.401	100%	90% - 110%	7.41	7.4	100%	90% - 110%
Mn					780	754	97%	90% - 110%	1510	1447	96%	90% - 110%				
Mo					14	14	99%	90% - 110%								
Na	5.267	5.478	104%	90% - 110%	1.624	1.743	107%	90% - 110%	0.617	0.649	105%	90% - 110%	0.112	0.121	108%	90% - 110%
Ni					32	32	99%	90% - 110%	77.1	70.3	91%	90% - 110%	2480	2234	90%	90% - 110%
P					750	709	95%	90% - 110%	892	847	95%	90% - 110%	731	664	91%	90% - 110%
Pb					31	28	90%	90% - 110%								
S									0.348	0.334	96%	90% - 110%				
Sc	1.1	1	95%	90% - 110%	12	13	106%	90% - 110%					21.33	21.7	102%	90% - 110%
Sr	1191	1154	97%	90% - 110%	144	150	104%	90% - 110%	92.8	89.1	96%	90% - 110%	39	38	97%	90% - 110%
Ti	0.172	0.17	99%	90% - 110%	0.53	0.48	91%	90% - 110%					0.419	0.415	99%	90% - 110%
V	8	8	95%	90% - 110%	77	78	101%	90% - 110%					158	166	105%	90% - 110%
Y	119	123	103%	90% - 110%									12.67	13.16	104%	90% - 110%
Zn	93	88	95%	90% - 110%	130	121	93%	90% - 110%	208	198	95%	90% - 110%	112	111	99%	90% - 110%
Zr													35.7	35.6	100%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP5G)				CRM #4 (ref.GSP7M)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.27	5.35	101%	90% - 110%	6.87	6.92	101%	90% - 110%	0.562	0.554	99%	90% - 110%	0.725	0.716	99%	90% - 110%
	CRM #5 (ref.GS6F)															
Parameter	Expect	Actual	Recovery	Limits												
Au	6.87	6.65	97%	90% - 110%												

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00684  
 SAMPLING SITE:

AGAT WORK ORDER: 19T491028  
 ATTENTION TO: Craig Yuill, Christine Shultis  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill, Christine Shultis

PROJECT: AGAT00686

AGAT WORK ORDER: 19T491554

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jul 26, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T491554

PROJECT: AGAT00686

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (200-) Sample Login Weight

DATE SAMPLED: Jul 10, 2019

DATE RECEIVED: Jul 11, 2019

DATE REPORTED: Jul 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D62863 (342329)		2.03
D62864 (342330)		1.94
D62865 (342331)		1.78
D62866 (342332)		0.07
D62867 (342333)		1.05
D62868 (342334)		2.01
D62869 (342335)		1.82
D62870 (342336)		2.03
D62871 (342337)		4.09
D62872 (342338)		0.54
D62873 (342339)		1.37
D62874 (342340)		1.51
D62875 (342341)		2.61
D62876 (342342)		2.00
D62877 (342343)		3.34
D62878 (342344)		3.33
D62879 (342345)		3.51
D62880 (342346)		2.24
D62881 (342347)		2.37
D62882 (342348)		0.71
D62883 (342349)		1.67
D62884 (342350)		3.80
D62885 (342351)		3.70
D62886 (342352)		0.07
D62887 (342353)		3.32
D62888 (342354)		3.01
D62889 (342355)		0.85
D62890 (342356)		1.61
D62891 (342357)		2.51
D62892 (342358)		0.51
D62893 (342359)		2.48

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T491554

PROJECT: AGAT00686

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (200-) Sample Login Weight

DATE SAMPLED: Jul 10, 2019

DATE RECEIVED: Jul 11, 2019

DATE REPORTED: Jul 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D62894 (342360)		2.19
D62895 (342361)		2.30
D62896 (342362)		2.08
D62897 (342363)		1.81
D62898 (342364)		1.81
D62899 (342365)		2.96
D62900 (342366)		3.09
D62901 (342367)		3.68
D62902 (342368)		3.46
D62903 (342369)		3.61
D62904 (342370)		3.57
D62905 (342371)		3.76
D62906 (342372)		0.07
D62907 (342373)		3.54
D62908 (342374)		1.18
D62909 (342375)		1.98
D62910 (342377)		2.26
D62911 (342378)		3.00
D62912 (342379)		0.57
D62913 (342380)		3.18
D62914 (342381)		3.41
D62915 (342382)		2.67
D62916 (342383)		2.14
D62917 (342384)		1.68
D62918 (342385)		1.68
D62919 (342386)		0.85
D62920 (342387)		1.36
D62921 (342388)		0.65
D62922 (342389)		1.48
D62923 (342390)		1.96
D62924 (342391)		1.71

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T491554

PROJECT: AGAT00686

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## (200-) Sample Login Weight

DATE SAMPLED: Jul 10, 2019

DATE RECEIVED: Jul 11, 2019

DATE REPORTED: Jul 26, 2019


SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D62925 (342392)		1.65
D62926 (342393)		0.07
D62927 (342395)		1.84
D62928 (342396)		2.14
D62929 (342397)		2.41
D62930 (342398)		2.22
D62931 (342399)		1.32
D62932 (342400)		0.56
D62933 (342401)		3.27
D62934 (342402)		4.08

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T491554

PROJECT: AGAT00686

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 10, 2019	DATE RECEIVED: Jul 11, 2019					DATE REPORTED: Jul 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D62863 (342329)	<0.5	6.71	1	341	0.6	<1	1.87	<0.5	10	0.7	70.8	1.3	0.54	10	
D62864 (342330)	<0.5	7.67	1	394	0.6	<1	2.61	<0.5	63	<0.5	53.2	<0.5	0.68	11	
D62865 (342331)	<0.5	8.09	1	352	0.9	<1	1.39	<0.5	31	0.8	104	1.3	1.00	13	
D62866 (342332)	<0.5	7.41	<1	182	0.6	<1	6.13	<0.5	17	34.9	190	103	7.38	28	
D62867 (342333)	<0.5	5.04	<1	1670	1.5	<1	12.0	<0.5	246	31.2	166	61.0	6.97	22	
D62868 (342334)	<0.5	7.47	1	508	0.6	<1	0.82	<0.5	95	0.6	77.1	2.1	0.78	12	
D62869 (342335)	<0.5	8.77	<1	317	1.0	<1	4.76	<0.5	59	9.8	99.6	40.4	2.91	19	
D62870 (342336)	<0.5	7.41	<1	325	0.6	<1	4.88	<0.5	27	31.2	117	64.8	7.32	31	
D62871 (342337)	<0.5	7.29	<1	316	1.4	<1	5.61	<0.5	25	34.0	126	83.4	8.25	34	
D62872 (342338)	<0.5	0.07	<1	18	<0.5	<1	32.2	<0.5	<1	<0.5	5.2	<0.5	0.08	<5	
D62873 (342339)	<0.5	3.17	<1	1220	10.8	<1	8.65	<0.5	169	39.1	245	117	7.82	29	
D62874 (342340)	<0.5	3.19	<1	1510	2.3	<1	9.40	<0.5	254	49.5	435	111	9.02	31	
D62875 (342341)	<0.5	3.26	<1	1290	5.4	<1	9.91	<0.5	204	44.3	304	106	8.41	31	
D62876 (342342)	<0.5	7.74	<1	428	1.9	<1	6.15	<0.5	42	37.7	124	82.3	8.30	32	
D62877 (342343)	<0.5	7.62	<1	462	0.7	<1	4.67	<0.5	32	25.1	137	56.5	6.03	25	
D62878 (342344)	<0.5	7.58	<1	466	0.7	<1	4.54	<0.5	32	24.6	169	53.0	5.82	24	
D62879 (342345)	<0.5	7.89	<1	214	0.8	<1	5.37	<0.5	25	35.4	118	73.3	7.22	29	
D62880 (342346)	<0.5	7.95	<1	123	<0.5	<1	6.16	<0.5	23	40.6	137	96.1	7.62	31	
D62881 (342347)	<0.5	7.80	<1	212	0.6	<1	5.95	<0.5	21	37.2	122	82.0	7.96	30	
D62882 (342348)	<0.5	3.74	<1	132	<0.5	<1	2.86	<0.5	11	20.3	223	36.5	3.83	14	
D62883 (342349)	<0.5	7.71	<1	186	<0.5	<1	6.44	<0.5	21	36.7	123	101	8.03	31	
D62884 (342350)	<0.5	8.06	<1	148	<0.5	<1	6.10	<0.5	23	37.7	131	85.4	7.85	32	
D62885 (342351)	<0.5	8.06	<1	159	0.5	<1	6.12	<0.5	22	38.2	124	74.9	7.31	31	
D62886 (342352)	<0.5	7.49	<1	145	<0.5	<1	6.72	<0.5	6	38.9	178	155	7.88	29	
D62887 (342353)	<0.5	8.01	<1	132	0.8	<1	6.18	<0.5	27	39.9	136	73.1	7.23	30	
D62888 (342354)	<0.5	7.99	<1	136	0.8	<1	5.98	<0.5	24	40.1	141	93.9	7.18	31	
D62889 (342355)	<0.5	6.69	<1	397	0.8	<1	6.13	<0.5	49	44.5	298	90.9	7.72	31	
D62890 (342356)	<0.5	8.02	<1	167	0.7	<1	5.88	<0.5	24	38.6	135	88.3	8.31	33	
D62891 (342357)	<0.5	8.02	<1	190	0.5	<1	6.15	<0.5	24	39.3	125	88.0	8.00	32	
D62892 (342358)	<0.5	0.07	<1	13	<0.5	<1	32.3	<0.5	1	0.6	9.9	<0.5	0.14	<5	
D62893 (342359)	<0.5	7.94	<1	131	0.8	<1	6.78	<0.5	23	38.7	130	87.0	8.30	32	
D62894 (342360)	<0.5	7.66	<1	96	<0.5	<1	6.39	<0.5	22	38.3	116	86.5	6.92	28	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T491554

PROJECT: AGAT00686

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 10, 2019	DATE RECEIVED: Jul 11, 2019							DATE REPORTED: Jul 26, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D62895 (342361)	<0.5	7.59	<1	162	<0.5	<1	6.14	<0.5	22	36.7	125	76.4	7.89	33	
D62896 (342362)	<0.5	6.95	<1	258	0.7	<1	6.41	<0.5	32	39.1	152	80.5	8.30	31	
D62897 (342363)	<0.5	2.77	<1	948	2.3	<1	7.86	<0.5	135	64.5	533	140	10.2	37	
D62898 (342364)	<0.5	2.72	<1	938	2.2	<1	7.87	<0.5	133	58.9	537	140	10.3	36	
D62899 (342365)	<0.5	7.78	<1	179	<0.5	<1	5.76	<0.5	23	41.1	136	91.5	7.88	31	
D62900 (342366)	<0.5	7.90	<1	275	0.9	<1	6.35	<0.5	23	39.6	124	79.7	7.57	31	
D62901 (342367)	<0.5	8.24	<1	149	<0.5	<1	6.08	<0.5	26	41.2	126	98.1	7.31	32	
D62902 (342368)	<0.5	7.98	<1	367	<0.5	<1	4.60	<0.5	23	40.5	127	83.6	8.76	33	
D62903 (342369)	<0.5	8.02	<1	195	<0.5	<1	5.63	<0.5	23	39.6	133	73.6	8.08	33	
D62904 (342370)	<0.5	8.17	<1	199	<0.5	<1	5.75	<0.5	24	39.5	130	87.3	8.17	32	
D62905 (342371)	<0.5	8.11	<1	118	<0.5	<1	5.78	<0.5	24	36.8	135	77.2	9.00	34	
D62906 (342372)	<0.5	7.45	<1	183	0.6	<1	6.25	<0.5	18	37.1	196	103	7.50	29	
D62907 (342373)	<0.5	8.05	<1	176	1.0	<1	5.56	<0.5	27	35.7	118	80.9	8.92	34	
D62908 (342374)	<0.5	7.96	<1	252	0.9	<1	5.22	<0.5	18	36.6	137	73.5	8.42	34	
D62909 (342375)	<0.5	7.84	<1	188	0.8	<1	6.88	<0.5	23	43.0	208	141	9.47	36	
D62910 (342377)	1.1	7.22	2	261	0.9	<1	1.42	<0.5	64	3.0	144	2.4	1.51	13	
D62911 (342378)	<0.5	7.32	<1	343	0.7	<1	0.84	<0.5	12	0.8	87.8	13.2	0.54	12	
D62912 (342379)	<0.5	0.07	<1	17	<0.5	<1	32.7	<0.5	<1	0.6	3.1	<0.5	0.09	<5	
D62913 (342380)	<0.5	7.12	<1	372	0.6	<1	0.78	<0.5	12	0.5	83.1	1.9	0.65	12	
D62914 (342381)	0.6	7.28	<1	328	0.6	<1	0.89	<0.5	12	0.6	74.9	0.9	0.70	13	
D62915 (342382)	0.7	7.69	1	268	1.1	<1	1.39	<0.5	10	1.8	96.4	8.5	1.13	15	
D62916 (342383)	<0.5	7.54	<1	221	3.0	<1	6.81	<0.5	23	42.4	169	179	9.73	36	
D62917 (342384)	<0.5	7.34	<1	293	1.2	<1	1.12	<0.5	18	1.6	71.0	5.5	0.76	13	
D62918 (342385)	<0.5	7.47	<1	287	1.2	<1	1.21	<0.5	14	1.9	67.9	6.3	0.86	13	
D62919 (342386)	<0.5	7.49	<1	177	1.5	<1	3.55	<0.5	24	18.3	153	65.3	4.08	22	
D62920 (342387)	<0.5	6.74	<1	342	0.6	<1	0.88	<0.5	6	1.5	87.8	5.8	0.76	11	
D62921 (342388)	<0.5	7.73	<1	185	1.1	<1	2.05	<0.5	34	18.5	144	11.2	6.32	27	
D62922 (342389)	<0.5	6.91	3	208	1.6	<1	1.56	<0.5	30	2.4	101	8.4	1.00	14	
D62923 (342390)	<0.5	7.88	<1	178	0.9	<1	6.98	<0.5	21	41.5	205	142	8.86	33	
D62924 (342391)	<0.5	7.86	<1	173	0.9	<1	6.94	<0.5	22	41.9	196	152	9.08	35	
D62925 (342392)	<0.5	7.15	2	514	0.5	<1	0.73	<0.5	5	1.4	95.8	2.0	0.66	11	
D62926 (342393)	<0.5	7.44	<1	145	<0.5	<1	6.77	<0.5	5	39.7	188	157	7.98	29	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T491554

PROJECT: AGAT00686

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 10, 2019	DATE RECEIVED: Jul 11, 2019							DATE REPORTED: Jul 26, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D62927 (342395)	<0.5	7.18	<1	420	0.6	<1	1.10	<0.5	10	2.3	79.2	6.5	0.91	12	
D62928 (342396)	<0.5	7.74	<1	205	0.7	<1	6.88	<0.5	24	43.5	174	161	9.40	34	
D62929 (342397)	<0.5	7.93	<1	165	0.7	<1	7.23	<0.5	23	42.5	197	158	9.25	36	
D62930 (342398)	<0.5	7.62	<1	161	0.8	<1	6.91	<0.5	24	43.3	194	164	9.43	36	
D62931 (342399)	0.5	7.41	<1	209	2.8	<1	1.33	<0.5	8	0.8	80.2	2.2	0.63	12	
D62932 (342400)	<0.5	0.07	<1	16	<0.5	<1	30.5	<0.5	<1	0.7	5.6	8.0	0.11	<5	
D62933 (342401)	<0.5	7.92	<1	119	0.5	<1	4.91	<0.5	34	35.2	112	111	9.24	36	
D62934 (342402)	<0.5	7.45	<1	195	0.6	<1	5.42	<0.5	31	34.5	126	90.2	9.39	35	

Certified By:



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AGAT WORK ORDER: 19T491554

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 10, 2019

DATE RECEIVED: Jul 11, 2019

DATE REPORTED: Jul 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D62863 (342329)		<1	4.63	5	4	0.13	71	12.6	2.26	3.8	46	21	<50	0.01	<1
D62864 (342330)		<1	5.01	28	5	0.22	123	10.0	2.55	2.6	83	32	50	<0.01	<1
D62865 (342331)		<1	4.37	15	4	0.17	508	14.6	3.03	3.8	164	29	<50	0.01	1
D62866 (342332)		<1	0.44	9	10	4.20	1280	1.9	2.35	101	827	<20	<50	0.08	2
D62867 (342333)		<1	3.34	105	48	5.43	1410	2.0	1.26	95.4	2400	<20	<50	0.09	<1
D62868 (342334)		<1	5.99	43	5	0.15	256	11.1	2.15	3.1	157	36	63	0.02	2
D62869 (342335)		<1	0.81	25	33	1.02	600	8.7	3.62	19.6	938	<20	<50	0.13	<1
D62870 (342336)		<1	0.76	11	36	2.36	1050	3.7	3.42	58.0	712	<20	<50	0.21	<1
D62871 (342337)		<1	0.60	11	26	2.63	1270	5.9	3.59	65.7	1080	<20	<50	0.28	<1
D62872 (342338)		<1	0.03	2	<1	1.32	99	0.5	0.04	0.8	88	<20	<50	0.02	<1
D62873 (342339)		<1	2.55	79	48	6.99	1380	2.5	2.94	195	1380	<20	<50	0.04	<1
D62874 (342340)		<1	3.24	111	14	8.94	1700	1.1	0.93	317	2060	<20	<50	0.03	1
D62875 (342341)		<1	2.88	93	31	7.73	1600	2.9	1.82	238	2290	<20	<50	0.10	1
D62876 (342342)		<1	1.04	18	26	3.14	1380	4.6	3.35	93.4	862	<20	<50	0.17	<1
D62877 (342343)		<1	1.14	13	29	2.15	964	8.2	2.76	60.1	607	<20	<50	0.16	<1
D62878 (342344)		<1	1.13	13	29	2.09	948	8.8	2.70	57.9	620	<20	<50	0.15	<1
D62879 (342345)		<1	1.04	10	33	2.84	1090	4.5	2.63	78.3	610	<20	<50	0.24	<1
D62880 (342346)		<1	0.36	9	17	2.95	1320	2.7	2.46	90.5	691	<20	<50	0.28	1
D62881 (342347)		<1	0.49	9	18	2.93	1310	4.3	2.51	85.5	510	<20	<50	0.19	<1
D62882 (342348)		<1	0.31	4	14	1.41	621	18.0	1.21	46.9	275	<20	<50	0.10	1
D62883 (342349)		<1	0.48	9	14	3.07	1340	4.2	2.28	84.4	612	<20	<50	0.24	2
D62884 (342350)		<1	0.39	10	17	3.06	1320	4.4	2.61	83.1	578	<20	<50	0.18	<1
D62885 (342351)		<1	0.42	9	16	2.86	1390	3.4	2.98	88.6	582	<20	<50	0.20	<1
D62886 (342352)		<1	0.21	3	13	4.41	1380	1.5	2.37	84.6	404	<20	<50	0.16	3
D62887 (342353)		<1	0.47	11	20	2.89	1320	4.3	2.70	90.8	632	<20	<50	0.21	<1
D62888 (342354)		<1	0.65	10	19	2.91	1290	4.8	2.55	96.9	730	<20	<50	0.27	<1
D62889 (342355)		<1	1.47	20	33	4.92	1300	2.9	2.31	217	1050	<20	<50	0.24	<1
D62890 (342356)		<1	0.71	10	22	3.24	1510	3.9	2.44	91.1	552	<20	<50	0.22	<1
D62891 (342357)		<1	0.44	10	16	3.15	1410	3.9	2.41	92.1	589	<20	<50	0.21	1
D62892 (342358)		<1	0.02	2	1	2.91	144	3.0	0.03	1.4	70	<20	<50	0.02	<1
D62893 (342359)		<1	0.32	10	20	3.40	1660	4.3	2.25	89.5	569	<20	<50	0.21	<1
D62894 (342360)		<1	0.25	9	16	3.05	1540	3.6	2.06	87.4	570	<20	<50	0.19	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T491554

PROJECT: AGAT00686

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 10, 2019	DATE RECEIVED: Jul 11, 2019					DATE REPORTED: Jul 26, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D62895 (342361)	<1	0.40	9	19	3.19	1660	4.2	2.08	84.1	533	<20	<50	0.17	<1	
D62896 (342362)	<1	0.60	13	23	4.04	1650	4.0	2.15	130	671	<20	<50	0.21	<1	
D62897 (342363)	<1	1.75	62	10	11.1	1640	1.8	0.82	476	2040	<20	<50	0.22	2	
D62898 (342364)	<1	1.74	61	10	11.2	1650	2.3	0.81	467	2060	<20	<50	0.23	1	
D62899 (342365)	<1	0.49	10	24	2.96	1300	4.1	2.73	93.1	568	<20	<50	0.24	2	
D62900 (342366)	<1	0.78	10	24	3.04	1300	3.3	2.50	94.6	574	<20	<50	0.21	<1	
D62901 (342367)	<1	0.39	11	17	2.87	1290	3.8	2.64	93.4	592	<20	<50	0.24	<1	
D62902 (342368)	<1	0.86	10	24	3.23	1240	3.6	2.76	97.7	581	<20	<50	0.16	<1	
D62903 (342369)	<1	0.45	9	17	3.04	1290	3.8	2.61	91.1	564	<20	<50	0.17	2	
D62904 (342370)	<1	0.45	10	21	2.96	1360	3.3	2.66	93.4	588	<20	<50	0.22	1	
D62905 (342371)	<1	0.31	10	17	3.12	1520	3.9	2.64	86.8	582	<20	<50	0.14	1	
D62906 (342372)	<1	0.44	9	10	4.25	1310	1.7	2.36	104	842	<20	<50	0.09	1	
D62907 (342373)	<1	0.60	11	30	2.76	1580	3.9	2.72	81.2	613	<20	<50	0.15	1	
D62908 (342374)	<1	1.01	8	16	3.01	1480	4.1	2.47	81.7	514	<20	<50	0.11	1	
D62909 (342375)	<1	0.72	10	9	3.63	1640	5.5	1.97	71.4	554	<20	<50	0.08	2	
D62910 (342377)	<1	3.74	27	4	0.26	1000	15.5	2.79	9.6	73	27	<50	<0.01	<1	
D62911 (342378)	<1	4.85	5	2	0.06	224	16.1	2.56	3.5	45	34	<50	0.03	<1	
D62912 (342379)	<1	0.02	2	<1	1.69	117	<0.5	0.04	1.1	88	<20	<50	0.02	<1	
D62913 (342380)	<1	5.02	5	2	0.08	272	16.0	2.27	3.1	42	31	<50	<0.01	2	
D62914 (342381)	<1	4.34	5	3	0.09	253	17.7	2.50	2.7	44	27	<50	<0.01	<1	
D62915 (342382)	<1	3.31	4	3	0.20	436	22.8	3.24	5.4	46	23	<50	0.01	<1	
D62916 (342383)	<1	0.91	10	22	3.43	1640	3.8	2.57	60.8	584	<20	<50	0.07	<1	
D62917 (342384)	<1	4.41	8	3	0.13	284	14.4	2.73	4.1	58	23	<50	0.01	2	
D62918 (342385)	<1	4.25	6	3	0.17	294	14.4	2.80	4.3	56	22	<50	0.01	1	
D62919 (342386)	<1	1.88	11	8	1.38	872	8.2	3.21	26.6	251	42	<50	0.04	<1	
D62920 (342387)	<1	4.44	3	5	0.13	265	14.5	2.52	4.1	42	20	<50	<0.01	1	
D62921 (342388)	<1	2.58	15	14	1.82	1020	4.8	2.77	30.0	283	48	<50	0.03	<1	
D62922 (342389)	<1	2.22	13	7	0.20	355	14.7	3.54	4.8	55	<20	<50	<0.01	2	
D62923 (342390)	<1	0.92	9	5	3.80	1550	3.4	2.07	66.9	492	<20	<50	0.07	1	
D62924 (342391)	<1	0.82	9	5	3.73	1620	3.4	2.09	65.5	503	<20	<50	0.08	<1	
D62925 (342392)	<1	6.23	3	2	0.18	140	16.9	2.09	5.0	35	22	62	<0.01	<1	
D62926 (342393)	<1	0.21	3	13	4.39	1390	1.9	2.38	86.9	419	<20	<50	0.15	1	

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PROJECT: AGAT00686

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 10, 2019

DATE RECEIVED: Jul 11, 2019

DATE REPORTED: Jul 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Rb ppm	S %	Sb ppm
D62927 (342395)		<1	5.48	5	8	0.17	241	13.4	2.35	3.6	60	36	50	0.01	<1
D62928 (342396)		<1	0.75	11	9	3.65	1660	3.3	1.90	62.1	569	<20	<50	0.08	<1
D62929 (342397)		<1	0.43	10	7	3.68	1590	3.8	1.88	63.4	526	<20	<50	0.07	<1
D62930 (342398)		<1	0.50	10	9	3.60	1600	4.3	1.86	61.7	567	<20	<50	0.08	<1
D62931 (342399)		<1	2.79	4	7	0.05	466	13.1	3.27	2.7	55	21	<50	<0.01	<1
D62932 (342400)		<1	0.01	2	<1	2.56	115	0.7	0.04	0.8	71	<20	<50	0.02	1
D62933 (342401)		<1	0.62	14	22	2.80	1440	4.4	2.51	75.2	724	<20	<50	0.20	1
D62934 (342402)		<1	0.33	13	15	2.57	1460	5.4	2.32	70.5	705	<20	<50	0.14	<1

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AGAT WORK ORDER: 19T491554

PROJECT: AGAT00686

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ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 10, 2019

DATE RECEIVED: Jul 11, 2019

DATE REPORTED: Jul 26, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D62863 (342329)	<1	<10	<5	115	<10	<10	<5	0.04	<5	<50	3.8	<1	1	14.9
D62864 (342330)	2	<10	<5	134	<10	<10	42	0.05	<5	<50	3.5	<1	2	23.9
D62865 (342331)	3	<10	<5	185	<10	<10	15	0.06	<5	<50	5.3	<1	9	29.7
D62866 (342332)	34	<10	<5	240	<10	<10	<5	0.84	<5	<50	234	<1	22	87.6
D62867 (342333)	19	<10	<5	1270	<10	<10	<5	0.38	<5	<50	154	<1	31	72.8
D62868 (342334)	2	<10	<5	166	<10	<10	60	0.06	<5	<50	5.3	<1	5	29.3
D62869 (342335)	8	<10	<5	364	<10	<10	<5	0.32	<5	<50	63.2	<1	10	77.4
D62870 (342336)	20	<10	<5	273	<10	<10	<5	0.88	<5	<50	171	<1	24	108
D62871 (342337)	21	<10	<5	447	<10	<10	<5	1.00	<5	<50	208	<1	28	128
D62872 (342338)	<1	<10	<5	73	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	2.3
D62873 (342339)	30	<10	<5	759	<10	<10	<5	1.10	<5	<50	308	<1	39	84.0
D62874 (342340)	21	<10	<5	970	<10	<10	<5	1.89	<5	<50	152	<1	30	83.2
D62875 (342341)	24	<10	<5	911	<10	<10	<5	1.40	<5	<50	276	<1	37	89.0
D62876 (342342)	26	<10	<5	394	<10	<10	<5	0.92	<5	<50	220	<1	26	131
D62877 (342343)	17	<10	<5	215	<10	<10	<5	0.65	<5	<50	138	<1	17	95.4
D62878 (342344)	17	<10	<5	209	<10	<10	<5	0.63	<5	<50	137	<1	17	98.5
D62879 (342345)	21	<10	<5	207	<10	<10	<5	0.81	<5	<50	177	<1	21	113
D62880 (342346)	23	<10	<5	274	<10	<10	<5	0.81	<5	<50	177	<1	22	111
D62881 (342347)	23	<10	<5	267	<10	<10	<5	0.90	<5	<50	193	<1	22	121
D62882 (342348)	11	<10	<5	120	<10	<10	<5	0.44	<5	<50	96.1	<1	11	56.4
D62883 (342349)	23	<10	<5	264	<10	<10	<5	0.88	<5	<50	193	<1	23	119
D62884 (342350)	23	<10	<5	271	<10	<10	<5	0.91	<5	<50	196	<1	22	121
D62885 (342351)	24	<10	<5	226	<10	<10	<5	0.93	<5	<50	198	<1	23	118
D62886 (342352)	46	<10	<5	111	<10	<10	<5	0.68	<5	<50	311	<1	23	80.9
D62887 (342353)	25	<10	<5	240	<10	<10	<5	0.87	<5	<50	197	<1	23	124
D62888 (342354)	25	<10	<5	236	<10	<10	<5	0.87	<5	<50	200	<1	23	136
D62889 (342355)	24	<10	<5	321	<10	<10	<5	1.20	<5	<50	218	<1	22	124
D62890 (342356)	25	<10	<5	290	<10	<10	<5	0.88	<5	<50	200	<1	24	141
D62891 (342357)	24	<10	<5	271	<10	<10	<5	0.90	<5	<50	197	<1	23	126
D62892 (342358)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.5	<1	2	4.7
D62893 (342359)	24	<10	<5	261	<10	<10	<5	0.88	<5	<50	195	<1	23	127
D62894 (342360)	23	<10	<5	241	<10	<10	<5	0.84	<5	<50	184	<1	21	116

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T491554

PROJECT: AGAT00686

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 10, 2019

DATE RECEIVED: Jul 11, 2019

DATE REPORTED: Jul 26, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D62895 (342361)	23	<10	<5	274	<10	<10	<5	0.84	<5	<50	182	<1	22	120
D62896 (342362)	22	<10	<5	295	<10	<10	<5	1.00	<5	<50	197	<1	22	114
D62897 (342363)	23	<10	<5	863	<10	<10	<5	2.11	<5	<50	241	<1	22	99.9
D62898 (342364)	22	<10	<5	875	<10	<10	<5	2.41	<5	<50	265	<1	21	96.4
D62899 (342365)	24	<10	<5	326	<10	<10	<5	0.89	<5	<50	198	<1	23	116
D62900 (342366)	25	<10	<5	268	<10	<10	<5	0.91	<5	<50	199	<1	23	115
D62901 (342367)	25	<10	<5	294	<10	<10	<5	0.92	<5	<50	200	<1	23	117
D62902 (342368)	24	<10	<5	392	<10	<10	<5	0.88	<5	<50	194	<1	22	122
D62903 (342369)	24	<10	<5	247	<10	<10	<5	0.90	<5	<50	199	<1	22	118
D62904 (342370)	25	<10	<5	222	<10	<10	<5	0.92	<5	<50	201	<1	22	125
D62905 (342371)	24	<10	<5	271	<10	<10	<5	0.89	<5	<50	197	<1	23	121
D62906 (342372)	35	<10	<5	242	<10	<10	<5	0.84	<5	<50	243	<1	22	89.6
D62907 (342373)	23	<10	<5	281	<10	<10	<5	0.85	<5	<50	189	<1	23	137
D62908 (342374)	24	<10	<5	243	<10	<10	<5	0.81	<5	<50	190	<1	22	122
D62909 (342375)	42	<10	<5	194	<10	<10	<5	0.94	<5	<50	295	<1	25	118
D62910 (342377)	6	<10	<5	130	<10	<10	47	0.03	<5	<50	12.1	<1	22	17.5
D62911 (342378)	2	<10	<5	117	<10	<10	8	0.02	<5	<50	3.0	<1	5	17.7
D62912 (342379)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	4.9
D62913 (342380)	2	<10	<5	115	<10	<10	12	0.03	<5	<50	3.6	<1	5	12.9
D62914 (342381)	2	<10	<5	113	<10	<10	9	0.04	<5	<50	3.7	<1	5	18.9
D62915 (342382)	3	<10	<5	125	<10	<10	8	0.08	<5	<50	10.6	<1	9	27.8
D62916 (342383)	61	<10	<5	213	<10	<10	<5	0.93	<5	<50	369	<1	25	112
D62917 (342384)	3	<10	<5	122	<10	<10	10	0.04	<5	<50	10.0	<1	9	15.6
D62918 (342385)	3	<10	<5	123	<10	<10	7	0.05	<5	<50	13.0	<1	8	16.9
D62919 (342386)	21	<10	<5	150	<10	<10	<5	0.41	<5	<50	132	<1	21	205
D62920 (342387)	4	<10	<5	110	<10	<10	11	0.02	<5	<50	8.3	<1	6	42.0
D62921 (342388)	22	<10	<5	95	<10	<10	<5	0.45	<5	<50	145	<1	15	182
D62922 (342389)	5	<10	<5	122	<10	<10	16	0.04	<5	<50	13.0	<1	11	20.3
D62923 (342390)	45	<10	<5	181	<10	<10	<5	0.87	<5	<50	299	<1	23	89.9
D62924 (342391)	45	<10	<5	203	<10	<10	<5	0.90	<5	<50	302	<1	23	97.4
D62925 (342392)	2	<10	<5	129	<10	<10	<5	0.05	<5	<50	8.5	<1	3	11.4
D62926 (342393)	47	<10	<5	112	<10	<10	<5	0.69	<5	<50	318	<1	23	81.3

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T491554

PROJECT: AGAT00686

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 10, 2019

DATE RECEIVED: Jul 11, 2019

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SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
D62927 (342395)	4	<10	<5	126	<10	<10	5	0.05	<5	<50	12.1	<1	10	50.4
D62928 (342396)	46	<10	<5	192	<10	<10	<5	0.95	<5	<50	316	<1	26	102
D62929 (342397)	45	<10	<5	200	<10	<10	<5	0.93	<5	<50	309	<1	25	95.1
D62930 (342398)	45	<10	<5	191	<10	<10	<5	0.97	<5	<50	313	<1	26	100
D62931 (342399)	3	<10	<5	120	<10	<10	9	0.01	<5	<50	3.2	<1	12	9.9
D62932 (342400)	<1	<10	<5	63	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	3.4
D62933 (342401)	25	<10	<5	232	<10	<10	<5	0.96	<5	<50	193	<1	26	134
D62934 (342402)	26	<10	<5	228	<10	<10	<5	0.98	<5	<50	207	<1	26	147

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T491554

PROJECT: AGAT00686

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 10, 2019      DATE RECEIVED: Jul 11, 2019      DATE REPORTED: Jul 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D62863 (342329)				6
D62864 (342330)				9
D62865 (342331)				57
D62866 (342332)				93
D62867 (342333)				15
D62868 (342334)				21
D62869 (342335)				54
D62870 (342336)				20
D62871 (342337)				48
D62872 (342338)				<5
D62873 (342339)				44
D62874 (342340)				91
D62875 (342341)				32
D62876 (342342)				80
D62877 (342343)				45
D62878 (342344)				45
D62879 (342345)				24
D62880 (342346)				7
D62881 (342347)				20
D62882 (342348)				14
D62883 (342349)				16
D62884 (342350)				14
D62885 (342351)				21
D62886 (342352)				55
D62887 (342353)				18
D62888 (342354)				15
D62889 (342355)				84
D62890 (342356)				19
D62891 (342357)				17
D62892 (342358)				<5
D62893 (342359)				16
D62894 (342360)				13

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T491554

PROJECT: AGAT00686

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 10, 2019      DATE RECEIVED: Jul 11, 2019      DATE REPORTED: Jul 26, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D62895 (342361)				14
D62896 (342362)				50
D62897 (342363)				142
D62898 (342364)				195
D62899 (342365)				18
D62900 (342366)				23
D62901 (342367)				13
D62902 (342368)				18
D62903 (342369)				23
D62904 (342370)				15
D62905 (342371)				22
D62906 (342372)				94
D62907 (342373)				38
D62908 (342374)				47
D62909 (342375)				95
D62910 (342377)				209
D62911 (342378)				55
D62912 (342379)				<5
D62913 (342380)				21
D62914 (342381)				83
D62915 (342382)				123
D62916 (342383)				103
D62917 (342384)				48
D62918 (342385)				57
D62919 (342386)				75
D62920 (342387)				58
D62921 (342388)				85
D62922 (342389)				67
D62923 (342390)				90
D62924 (342391)				94
D62925 (342392)				11
D62926 (342393)				57

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## Certificate of Analysis

AGAT WORK ORDER: 19T491554

PROJECT: AGAT00686

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 10, 2019

DATE RECEIVED: Jul 11, 2019

DATE REPORTED: Jul 26, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D62927 (342395)	44
D62928 (342396)	103
D62929 (342397)	99
D62930 (342398)	108
D62931 (342399)	89
D62932 (342400)	<5
D62933 (342401)	50
D62934 (342402)	27

Comments: RDL - Reported Detection Limit

342329-342402 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T491554

PROJECT: AGAT00686

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 10, 2019

DATE RECEIVED: Jul 11, 2019

DATE REPORTED: Jul 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D62863 (342329)			<0.001
D62864 (342330)			0.001
D62865 (342331)			<0.001
D62866 (342332)			0.326
D62867 (342333)			0.012
D62868 (342334)			<0.001
D62869 (342335)			0.001
D62870 (342336)			0.001
D62871 (342337)			0.001
D62872 (342338)			<0.001
D62873 (342339)			0.005
D62874 (342340)			0.003
D62875 (342341)			0.007
D62876 (342342)			0.003
D62877 (342343)			0.005
D62878 (342344)			0.001
D62879 (342345)			0.020
D62880 (342346)			0.002
D62881 (342347)			0.005
D62882 (342348)			0.003
D62883 (342349)			0.002
D62884 (342350)			0.001
D62885 (342351)			0.008
D62886 (342352)			0.539
D62887 (342353)			0.003
D62888 (342354)			0.009
D62889 (342355)			0.003
D62890 (342356)			<0.001
D62891 (342357)			0.017
D62892 (342358)			<0.001
D62893 (342359)			0.003
D62894 (342360)			0.004

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T491554

PROJECT: AGAT00686

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 10, 2019

DATE RECEIVED: Jul 11, 2019

DATE REPORTED: Jul 26, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D62895 (342361)			0.002
D62896 (342362)			0.002
D62897 (342363)			0.022
D62898 (342364)			0.003
D62899 (342365)			<0.001
D62900 (342366)			0.002
D62901 (342367)			0.005
D62902 (342368)			0.002
D62903 (342369)			0.003
D62904 (342370)			0.015
D62905 (342371)			0.001
D62906 (342372)			0.336
D62907 (342373)			0.002
D62908 (342374)			0.017
D62909 (342375)			0.003
D62910 (342377)			<0.001
D62911 (342378)			<0.001
D62912 (342379)			<0.001
D62913 (342380)			0.002
D62914 (342381)			0.003
D62915 (342382)			<0.001
D62916 (342383)			0.006
D62917 (342384)			0.021
D62918 (342385)			0.003
D62919 (342386)			0.002
D62920 (342387)			<0.001
D62921 (342388)			0.001
D62922 (342389)			<0.001
D62923 (342390)			0.004
D62924 (342391)			0.004
D62925 (342392)			0.002
D62926 (342393)			0.535

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T491554

PROJECT: AGAT00686

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 10, 2019

DATE RECEIVED: Jul 11, 2019

DATE REPORTED: Jul 26, 2019

SAMPLE TYPE: Drill Core

Analyte:	Unit:	RDL:
Au	ppm	0.001
Sample ID (AGAT ID)		
D62927 (342395)		0.001
D62928 (342396)		0.004
D62929 (342397)		0.004
D62930 (342398)		0.003
D62931 (342399)		<0.001
D62932 (342400)		<0.001
D62933 (342401)		0.002
D62934 (342402)		0.001

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

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# Certificate of Analysis

AGAT WORK ORDER: 19T491554

PROJECT: AGAT00686

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 10, 2019

DATE RECEIVED: Jul 11, 2019

DATE REPORTED: Jul 26, 2019


SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D62863 (342329)		83.33
D62882 (342348)		79.10
D62902 (342368)		83.72
D62922 (342389)		81.36

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





# Certificate of Analysis

AGAT WORK ORDER: 19T491554

PROJECT: AGAT00686

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CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 10, 2019

DATE RECEIVED: Jul 11, 2019

DATE REPORTED: Jul 26, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL:
D62863 (342329)	89.15

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	342329	< 0.5	< 0.5	0.0%	342343	< 0.5	< 0.5	0.0%	342354	< 0.5	< 0.5	0.0%	342368	< 0.5	< 0.5	0.0%
Al	342329	6.71	6.87	2.4%	342343	7.62	7.56	0.8%	342354	7.99	8.04	0.6%	342368	7.98	7.97	0.1%
As	342329	1	< 1		342343	< 1	< 1	0.0%	342354	< 1	< 1	0.0%	342368	< 1	< 1	0.0%
Ba	342329	341	349	2.3%	342343	462	475	2.8%	342354	136	135	0.7%	342368	367	362	1.4%
Be	342329	0.6	0.6	0.0%	342343	0.68	0.64	6.1%	342354	0.75	0.73	2.7%	342368	< 0.5	< 0.5	0.0%
Bi	342329	< 1	< 1	0.0%	342343	< 1	< 1	0.0%	342354	< 1	< 1	0.0%	342368	< 1	< 1	0.0%
Ca	342329	1.87	1.41	28.0%	342343	4.67	4.63	0.9%	342354	5.98	5.94	0.7%	342368	4.60	4.54	1.3%
Cd	342329	< 0.5	< 0.5	0.0%	342343	< 0.5	< 0.5	0.0%	342354	< 0.5	< 0.5	0.0%	342368	< 0.5	< 0.5	0.0%
Ce	342329	10	13	26.1%	342343	32	33	3.1%	342354	24	24	0.0%	342368	23	23	0.0%
Co	342329	0.68	0.53	24.8%	342343	25.1	25.3	0.8%	342354	40.1	39.7	1.0%	342368	40.5	39.7	2.0%
Cr	342329	70.8	67.0	5.5%	342343	137	149	8.4%	342354	141	143	1.4%	342368	127	131	3.1%
Cu	342329	1.30	1.13	14.0%	342343	56.5	56.6	0.2%	342354	93.9	92.7	1.3%	342368	83.6	81.1	3.0%
Fe	342329	0.542	0.572	5.4%	342343	6.03	6.00	0.5%	342354	7.18	7.10	1.1%	342368	8.76	8.60	1.8%
Ga	342329	10	12	18.2%	342343	25	26	3.9%	342354	31	29	6.7%	342368	33	34	3.0%
In	342329	< 1	< 1	0.0%	342343	< 1	< 1	0.0%	342354	< 1	< 1	0.0%	342368	< 1	< 1	0.0%
K	342329	4.63	4.65	0.4%	342343	1.14	1.13	0.9%	342354	0.646	0.655	1.4%	342368	0.86	0.86	0.0%
La	342329	5	6	18.2%	342343	13	14	7.4%	342354	10	10	0.0%	342368	10	9	10.5%
Li	342329	4	4	0.0%	342343	29	28	3.5%	342354	19	19	0.0%	342368	24	24	0.0%
Mg	342329	0.13	0.11	16.7%	342343	2.15	2.13	0.9%	342354	2.91	2.92	0.3%	342368	3.23	3.22	0.3%
Mn	342329	71	72	1.4%	342343	964	952	1.3%	342354	1290	1280	0.8%	342368	1240	1220	1.6%
Mo	342329	12.6	15.4	20.0%	342343	8.2	8.5	3.6%	342354	4.84	5.00	3.3%	342368	3.6	3.5	2.8%
Na	342329	2.26	2.30	1.8%	342343	2.76	2.74	0.7%	342354	2.55	2.52	1.2%	342368	2.76	2.71	1.8%
Ni	342329	3.83	3.63	5.4%	342343	60.1	59.5	1.0%	342354	96.9	96.7	0.2%	342368	97.7	96.9	0.8%
P	342329	46	56	19.6%	342343	607	622	2.4%	342354	730	669	8.7%	342368	581	577	0.7%
Pb	342329	21	23	9.1%	342343	< 20	< 20	0.0%	342354	< 20	< 20	0.0%	342368	< 20	< 20	0.0%
Rb	342329	< 50	< 50	0.0%	342343	< 50	< 50	0.0%	342354	< 50	< 50	0.0%	342368	< 50	< 50	0.0%
S	342329	0.01	0.02		342343	0.16	0.16	0.0%	342354	0.268	0.259	3.4%	342368	0.16	0.16	0.0%
Sb	342329	< 1	< 1	0.0%	342343	< 1	< 1	0.0%	342354	< 1	< 1	0.0%	342368	< 1	< 1	0.0%
Sc	342329	< 1	< 1	0.0%	342343	17	17	0.0%	342354	25	25	0.0%	342368	24	24	0.0%
Se	342329	< 10	< 10	0.0%	342343	< 10	< 10	0.0%	342354	< 10	< 10	0.0%	342368	< 10	< 10	0.0%
Sn	342329	< 5	10		342343	< 5	< 5	0.0%	342354	< 5	< 5	0.0%	342368	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

Sr	342329	115	115	0.0%	342343	215	213	0.9%	342354	236	235	0.4%	342368	392	392	0.0%
Ta	342329	< 10	< 10	0.0%	342343	< 10	< 10	0.0%	342354	< 10	< 10	0.0%	342368	< 10	< 10	0.0%
Te	342329	< 10	< 10	0.0%	342343	< 10	< 10	0.0%	342354	< 10	< 10	0.0%	342368	< 10	< 10	0.0%
Th	342329	< 5	< 5	0.0%	342343	< 5	< 5	0.0%	342354	< 5	< 5	0.0%	342368	< 5	< 5	0.0%
Ti	342329	0.04	0.04	0.0%	342343	0.649	0.642	1.1%	342354	0.87	0.86	1.2%	342368	0.879	0.865	1.6%
Tl	342329	< 5	< 5	0.0%	342343	< 5	< 5	0.0%	342354	< 5	< 5	0.0%	342368	< 5	< 5	0.0%
U	342329	< 50	< 50	0.0%	342343	< 50	< 50	0.0%	342354	< 50	< 50	0.0%	342368	< 50	< 50	0.0%
V	342329	3.8	3.9	2.6%	342343	138	138	0.0%	342354	200	197	1.5%	342368	194	194	0.0%
W	342329	< 1	< 1	0.0%	342343	< 1	< 1	0.0%	342354	< 1	< 1	0.0%	342368	< 1	< 1	0.0%
Y	342329	1	1	0.0%	342343	17	17	0.0%	342354	23	23	0.0%	342368	22	22	0.0%
Zn	342329	14.9	14.1	5.5%	342343	95.4	95.0	0.4%	342354	136	139	2.2%	342368	122	120	1.7%
Zr	342329	6	7	15.4%	342343	45	43	4.5%	342354	15	17	12.5%	342368	18	17	5.7%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	342380	< 0.5	< 0.5	0.0%	342395	< 0.5	< 0.5	0.0%								
Al	342380	7.12	7.00	1.7%	342395	7.18	6.96	3.1%								
As	342380	< 1	1		342395	< 1	< 1	0.0%								
Ba	342380	372	379	1.9%	342395	420	413	1.7%								
Be	342380	0.6	0.6	0.0%	342395	0.6	0.6	0.0%								
Bi	342380	< 1	< 1	0.0%	342395	< 1	< 1	0.0%								
Ca	342380	0.78	0.75	3.9%	342395	1.10	1.06	3.7%								
Cd	342380	< 0.5	< 0.5	0.0%	342395	< 0.5	< 0.5	0.0%								
Ce	342380	12	11	8.7%	342395	10	11	9.5%								
Co	342380	0.54	0.58	7.1%	342395	2.3	2.3	0.0%								
Cr	342380	83.1	71.6	14.9%	342395	79.2	59.0	29.2%								
Cu	342380	1.94	2.23	13.9%	342395	6.5	6.6	1.5%								
Fe	342380	0.651	0.641	1.5%	342395	0.909	0.893	1.8%								
Ga	342380	12	11	8.7%	342395	12	12	0.0%								
In	342380	< 1	< 1	0.0%	342395	< 1	< 1	0.0%								
K	342380	5.02	5.08	1.2%	342395	5.48	5.25	4.3%								
La	342380	5	5	0.0%	342395	5	5	0.0%								
Li	342380	2	2	0.0%	342395	8	6	28.6%								
Mg	342380	0.08	0.08	0.0%	342395	0.17	0.17	0.0%								
Mn	342380	272	266	2.2%	342395	241	233	3.4%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

Mo	342380	16.0	13.5	16.9%	342395	13.4	13.2	1.5%								
Na	342380	2.27	2.19	3.6%	342395	2.35	2.25	4.3%								
Ni	342380	3.1	2.9	6.7%	342395	3.64	3.88	6.4%								
P	342380	42	43	2.4%	342395	60	60	0.0%								
Pb	342380	31	29	6.7%	342395	36	36	0.0%								
Rb	342380	< 50	< 50	0.0%	342395	50	51	2.0%								
S	342380	< 0.01	< 0.01	0.0%	342395	0.01	< 0.01									
Sb	342380	2	< 1		342395	< 1	< 1	0.0%								
Sc	342380	2	2	0.0%	342395	4	4	0.0%								
Se	342380	< 10	< 10	0.0%	342395	< 10	< 10	0.0%								
Sn	342380	< 5	< 5	0.0%	342395	< 5	< 5	0.0%								
Sr	342380	115	114	0.9%	342395	126	121	4.0%								
Ta	342380	< 10	< 10	0.0%	342395	< 10	< 10	0.0%								
Te	342380	< 10	< 10	0.0%	342395	< 10	< 10	0.0%								
Th	342380	12	11	8.7%	342395	5	7									
Ti	342380	0.03	0.03	0.0%	342395	0.05	0.05	0.0%								
Tl	342380	< 5	< 5	0.0%	342395	< 5	< 5	0.0%								
U	342380	< 50	< 50	0.0%	342395	< 50	< 50	0.0%								
V	342380	3.6	3.6	0.0%	342395	12.1	12.5	3.3%								
W	342380	< 1	< 1	0.0%	342395	< 1	< 1	0.0%								
Y	342380	5	5	0.0%	342395	10	10	0.0%								
Zn	342380	12.9	13.2	2.3%	342395	50.4	54.4	7.6%								
Zr	342380	21	27	25.0%	342395	44	45	2.2%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	342329	< 0.001	< 0.001	0.0%	342343	0.005	0.004	22.2%	342354	0.009	< 0.001		342368	0.002	0.002	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	342380	0.002	0.002	0.0%	342395	0.001	0.001	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP7M)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	3.07	101%	90% - 110%
Al	10.95	11.11	101%	90% - 110%	8.17	8.37	102%	90% - 110%	6.96	6.79	98%	90% - 110%	4.75	4.93	104%	90% - 110%
As					26	24	91%	90% - 110%	124	125	101%	90% - 110%				
Ba	340	332	98%	90% - 110%	540	525	97%	90% - 110%	186	181	97%	90% - 110%	216	218	101%	90% - 110%
Be	2.6	2.9	110%	90% - 110%	4.0	3.3	83%	90% - 110%								
Ca	5.72	5.54	97%	90% - 110%	0.907	0.912	101%	90% - 110%	4.01	3.82	95%	90% - 110%	10	9	93%	90% - 110%
Ce	122	126	104%	90% - 110%	98	108	110%	90% - 110%	24	22	91%	90% - 110%				
Co									22.1	20	91%	90% - 110%	191	174	91%	90% - 110%
Cr					60.3	64	106%	90% - 110%					670	654	98%	90% - 110%
Cu					150	153	102%	90% - 110%	88.6	84.8	96%	90% - 110%	7120	7361	103%	90% - 110%
Fe	4.34	4.01	92%	90% - 110%	3.77	3.63	96%	90% - 110%	7.56	7.11	94%	90% - 110%	12.71	11.85	93%	90% - 110%
Ga	35	35	99%	90% - 110%												
K	1.37	1.48	108%	90% - 110%					2.021	2.05	101%	90% - 110%	0.1021	0.1091	107%	90% - 110%
La	58	55	94%	90% - 110%	44	45	103%	90% - 110%					8.47	7.67	91%	90% - 110%
Li	37	38	103%	90% - 110%	47	47	100%	90% - 110%								
Mg	0.325	0.304	94%	90% - 110%	1.10	1.09	99%	90% - 110%	2.412	2.371	98%	90% - 110%	7.41	7.46	101%	90% - 110%
Mn					780	748	96%	90% - 110%	1510	1410	93%	90% - 110%				
Mo					14	15	104%	90% - 110%								
Na	5.267	5.551	105%	90% - 110%	1.624	1.74	107%	90% - 110%	0.617	0.617	100%	90% - 110%	0.112	0.121	108%	90% - 110%
Ni					32	32	101%	90% - 110%	77.1	70.1	91%	90% - 110%	2480	2257	91%	90% - 110%
P					750	723	96%	90% - 110%	892	846	95%	90% - 110%	731	670	92%	90% - 110%
Pb					31	29	93%	90% - 110%								
S									0.348	0.34	98%	90% - 110%				
Sc	1.1	1.1	96%	90% - 110%	12	13	110%	90% - 110%					21.33	22.29	105%	90% - 110%
Sr	1191	1151	97%	90% - 110%	144	150	104%	90% - 110%	92.8	85	92%	90% - 110%	39	38	97%	90% - 110%
Ti	0.172	0.165	96%	90% - 110%	0.53	0.48	91%	90% - 110%					0.419	0.409	98%	90% - 110%
V	8	8	101%	90% - 110%	77	83	108%	90% - 110%					158	171	108%	90% - 110%
Y	119	127	107%	90% - 110%									12.67	13.56	107%	90% - 110%
Zn	93	93	100%	90% - 110%	130	125	96%	90% - 110%	208	208	100%	90% - 110%	112	111	99%	90% - 110%
Zr													35.7	37.8	106%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP7M)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.27	5.53	104%	90% - 110%	6.87	7.01	102%	90% - 110%	0.725	0.798	110%	90% - 110%	0.562	0.593	106%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00686  
 SAMPLING SITE:

AGAT WORK ORDER: 19T491554  
 ATTENTION TO: Craig Yuill, Christine Shultis  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE



CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill, Christine Shultis

PROJECT: AGAT00687

AGAT WORK ORDER: 19T491557

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Jul 23, 2019

PAGES (INCLUDING COVER): 10

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T491557

PROJECT: AGAT00687

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (200-) Sample Login Weight

DATE SAMPLED: Jul 10, 2019

DATE RECEIVED: Jul 11, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D62935 (342415)		3.78
D62936 (342416)		2.47
D62937 (342417)		2.43
D62938 (342418)		2.43

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T491557

PROJECT: AGAT00687

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

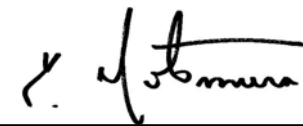
ATTENTION TO: Craig Yuill, Christine Shultis

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 10, 2019	DATE RECEIVED: Jul 11, 2019					DATE REPORTED: Jul 23, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.01	5	
D62935 (342415)		<0.5	7.89	<1	67	<0.5	<1	6.66	<0.5	19	40.8	106	165	8.86	39
D62936 (342416)		<0.5	8.08	<1	41	<0.5	<1	5.39	<0.5	20	39.2	114	70.1	9.37	40
D62937 (342417)		<0.5	8.19	<1	61	<0.5	<1	6.29	<0.5	21	40.5	117	105	9.40	41
D62938 (342418)		<0.5	8.24	<1	60	<0.5	<1	6.18	<0.5	22	41.7	120	103	9.30	40
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D62935 (342415)		<1	0.22	9	18	2.53	1720	1.9	1.99	100	694	<20	<50	0.23	<1
D62936 (342416)		<1	0.14	9	17	3.63	1420	1.5	2.22	99.6	630	<20	<50	0.09	<1
D62937 (342417)		<1	0.20	10	17	2.96	1600	1.4	1.96	103	666	<20	<50	0.14	1
D62938 (342418)		<1	0.20	10	16	3.01	1560	1.6	1.92	105	686	<20	<50	0.14	2
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D62935 (342415)		24	<10	<5	256	<10	<10	<5	0.79	<5	<50	179	<1	21	122
D62936 (342416)		25	<10	<5	247	<10	<10	<5	0.80	<5	<50	183	<1	22	109
D62937 (342417)		26	<10	<5	296	<10	<10	<5	0.83	<5	<50	190	<1	22	115
D62938 (342418)		26	<10	<5	289	<10	<10	<5	0.82	<5	<50	190	<1	23	111
Analyte:	Zr														
Unit:	ppm														
Sample ID (AGAT ID)	RDL:	5													
D62935 (342415)		14													
D62936 (342416)		14													
D62937 (342417)		14													
D62938 (342418)		15													

Comments: RDL - Reported Detection Limit  
 342415-342418 As, Sb values may be low due to digestion losses.  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T491557

PROJECT: AGAT00687

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 10, 2019

DATE RECEIVED: Jul 11, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Analyte:	Unit:	RDL:
Au	ppm	0.001
D62935 (342415)		0.004
D62936 (342416)		0.003
D62937 (342417)		0.001
D62938 (342418)		0.003

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T491557

PROJECT: AGAT00687

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 10, 2019

DATE RECEIVED: Jul 11, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL:
D62935 (342415)	76.40

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T491557

PROJECT: AGAT00687

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 10, 2019

DATE RECEIVED: Jul 11, 2019

DATE REPORTED: Jul 23, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL:
D62935 (342415)	85.65

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	342415	< 0.5	< 0.5	0.0%	342418	< 0.5	< 0.5	0.0%				
Al	342415	7.89	7.92	0.4%	342418	8.24	8.24	0.0%				
As	342415	< 1	< 1	0.0%	342418	< 1	< 1	0.0%				
Ba	342415	67	70	4.4%	342418	60	61	1.7%				
Be	342415	< 0.5	< 0.5	0.0%	342418	< 0.5	< 0.5	0.0%				
Bi	342415	< 1	< 1	0.0%	342418	< 1	< 1	0.0%				
Ca	342415	6.66	6.65	0.2%	342418	6.18	6.29	1.8%				
Cd	342415	< 0.5	< 0.5	0.0%	342418	< 0.5	< 0.5	0.0%				
Ce	342415	19	19	0.0%	342418	22	22	0.0%				
Co	342415	40.8	39.9	2.2%	342418	41.7	41.8	0.2%				
Cr	342415	106	95.9	10.0%	342418	120	123	2.5%				
Cu	342415	165	181	9.2%	342418	103	107	3.8%				
Fe	342415	8.86	8.85	0.1%	342418	9.30	9.45	1.6%				
Ga	342415	39	38	2.6%	342418	40	41	2.5%				
In	342415	< 1	< 1	0.0%	342418	< 1	< 1	0.0%				
K	342415	0.22	0.22	0.0%	342418	0.20	0.20	0.0%				
La	342415	9	9	0.0%	342418	10	11	9.5%				
Li	342415	18	18	0.0%	342418	16	16	0.0%				
Mg	342415	2.53	2.54	0.4%	342418	3.01	3.01	0.0%				
Mn	342415	1720	1720	0.0%	342418	1560	1600	2.5%				
Mo	342415	1.9	2.0	5.1%	342418	1.6	1.6	0.0%				
Na	342415	1.99	2.00	0.5%	342418	1.92	1.97	2.6%				
Ni	342415	100	100	0.0%	342418	105	105	0.0%				
P	342415	694	665	4.3%	342418	686	670	2.4%				
Pb	342415	< 20	< 20	0.0%	342418	< 20	< 20	0.0%				
Rb	342415	< 50	< 50	0.0%	342418	< 50	< 50	0.0%				
S	342415	0.231	0.270	15.6%	342418	0.14	0.14	0.0%				
Sb	342415	< 1	< 1	0.0%	342418	2	< 1					
Sc	342415	24	24	0.0%	342418	26	26	0.0%				
Se	342415	< 10	< 10	0.0%	342418	< 10	< 10	0.0%				
Sn	342415	< 5	< 5	0.0%	342418	< 5	< 5	0.0%				



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

Sr	342415	256	255	0.4%	342418	289	296	2.4%											
Ta	342415	< 10	< 10	0.0%	342418	< 10	< 10	0.0%											
Te	342415	< 10	< 10	0.0%	342418	< 10	< 10	0.0%											
Th	342415	< 5	< 5	0.0%	342418	< 5	< 5	0.0%											
Ti	342415	0.79	0.79	0.0%	342418	0.820	0.837	2.1%											
Tl	342415	< 5	< 5	0.0%	342418	< 5	< 5	0.0%											
U	342415	< 50	< 50	0.0%	342418	< 50	< 50	0.0%											
V	342415	179	177	1.1%	342418	190	190	0.0%											
W	342415	< 1	< 1	0.0%	342418	< 1	< 1	0.0%											
Y	342415	21	21	0.0%	342418	23	23	0.0%											
Zn	342415	122	124	1.6%	342418	111	117	5.3%											
Zr	342415	14	14	0.0%	342418	15	14	6.9%											

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2														
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD											
Au	342415	0.004	0.008		342418	0.003	0.008												





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)													
	Expect	Actual	Recovery	Limits										
Al	10.95	11.14	102%	90% - 110%										
Ba	340	320	94%	90% - 110%										
Be	2.6	2.9	110%	90% - 110%										
Ca	5.72	5.41	95%	90% - 110%										
Ce	122	111	91%	90% - 110%										
Fe	4.34	3.94	91%	90% - 110%										
Ga	35	37	106%	90% - 110%										
K	1.37	1.48	108%	90% - 110%										
La	58	54	93%	90% - 110%										
Li	37	39	105%	90% - 110%										
Mg	0.325	0.293	90%	90% - 110%										
Na	5.267	5.57	106%	90% - 110%										
Sc	1.1	1	95%	90% - 110%										
Sr	1191	1143	96%	90% - 110%										
Ti	0.172	0.156	91%	90% - 110%										
V	8	8	100%	90% - 110%										
Y	119	124	104%	90% - 110%										
Zn	93	90	96%	90% - 110%										

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS5W)													
	Expect	Actual	Recovery	Limits										
Au	5.27	5.13	97%	90% - 110%										

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19T491557

PROJECT: AGAT00687

ATTENTION TO: Craig Yuill, Christine Shultis

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00689

AGAT WORK ORDER: 19T492744

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jul 30, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T492744

PROJECT: AGAT00689

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D63127 (350483)		2.71
D63128 (350484)		2.47
D63129 (350485)		1.71
D63130 (350486)		3.18
D63131 (350487)		3.01
D63132 (350488)		0.62
D63133 (350489)		3.68
D63134 (350490)		1.31
D63135 (350491)		0.76
D63136 (350492)		1.78
D63137 (350493)		0.99
D63138 (350494)		0.99
D63139 (350495)		0.80
D63140 (350496)		2.01
D63141 (350497)		1.80
D63142 (350498)		0.86
D63143 (350499)		3.61
D63144 (350500)		0.78
D63145 (350501)		1.03
D63146 (350502)		0.07
D63147 (350503)		0.89
D63148 (350504)		3.36
D63149 (350505)		1.57
D63150 (350506)		1.28
D63151 (350507)		1.02
D63152 (350508)		0.60
D63153 (350509)		1.95
D63154 (350510)		0.81
D63155 (350511)		2.72
D63156 (350512)		1.17
D63157 (350513)		0.76

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T492744

PROJECT: AGAT00689

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D63158 (350514)		0.76
D63159 (350515)		2.31
D63160 (350516)		2.61
D63161 (350517)		0.76
D63162 (350518)		2.68
D63163 (350519)		1.72
D63164 (350520)		1.38
D63165 (350521)		1.03
D63166 (350522)		0.07
D63167 (350523)		2.30
D63168 (350524)		3.29
D63169 (350525)		0.78
D63170 (350526)		2.76
D63171 (350527)		2.52
D63172 (350528)		0.57
D63173 (350529)		0.73
D63174 (350530)		1.07
D63175 (350531)		3.74
D63176 (350532)		2.47
D63177 (350533)		3.84
D63178 (350534)		3.84
D63179 (350535)		3.83
D63180 (350536)		3.73
D63181 (350537)		3.74
D63182 (350538)		1.98
D63183 (350539)		0.77
D63184 (350540)		1.96
D63185 (350541)		2.45
D63186 (350542)		0.07
D63187 (350543)		2.48
D63188 (350544)		2.00

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T492744

PROJECT: AGAT00689

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D63189 (350545)		0.78
D63190 (350546)		2.79
D63191 (350547)		0.72
D63192 (350548)		0.51
D63193 (350549)		0.80
D63194 (350550)		1.22
D63195 (350551)		1.20
D63196 (350552)		3.00
D63197 (350553)		1.19
D63198 (350554)		1.19

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T492744

PROJECT: AGAT00689

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D63127 (350483)		<0.5	7.93	<1	367	0.7	<1	3.29	<0.5	50	12.1	37.7	11.0	4.88	23
D63128 (350484)		<0.5	8.08	<1	305	0.6	<1	3.12	<0.5	49	8.0	11.6	2.2	4.37	22
D63129 (350485)		<0.5	7.88	<1	246	1.3	<1	3.21	<0.5	48	7.0	11.0	<0.5	4.33	22
D63130 (350486)		<0.5	8.11	<1	263	1.0	<1	3.31	<0.5	50	8.1	19.4	17.2	4.91	21
D63131 (350487)		0.7	7.77	<1	300	0.7	<1	3.18	<0.5	47	9.2	23.9	41.7	4.12	22
D63132 (350488)		<0.5	0.18	<1	19	<0.5	<1	33.7	<0.5	<1	1.3	3.3	<0.5	0.15	6
D63133 (350489)		0.5	8.95	<1	358	0.5	<1	4.48	<0.5	29	26.2	58.0	4.6	5.24	23
D63134 (350490)		<0.5	8.65	<1	256	<0.5	<1	4.94	<0.5	18	27.8	60.6	4.6	5.16	22
D63135 (350491)		<0.5	6.63	<1	612	0.9	<1	8.32	<0.5	68	36.9	167	49.3	6.39	21
D63136 (350492)		<0.5	7.53	<1	398	0.9	<1	3.53	<0.5	64	9.8	25.1	5.3	3.99	21
D63137 (350493)		0.6	7.42	<1	217	0.7	<1	3.79	<0.5	49	9.5	24.6	39.4	3.97	20
D63138 (350494)		0.6	7.76	<1	225	0.8	<1	3.92	<0.5	51	9.2	24.2	39.7	4.13	20
D63139 (350495)		<0.5	3.30	<1	878	0.6	<1	8.59	<0.5	106	61.9	489	85.3	7.58	19
D63140 (350496)		<0.5	8.00	<1	416	0.6	<1	3.22	<0.5	55	7.5	17.0	5.5	4.63	21
D63141 (350497)		<0.5	7.95	<1	522	0.7	<1	3.26	<0.5	57	8.0	30.3	9.5	4.91	21
D63142 (350498)		<0.5	2.94	<1	953	<0.5	<1	8.75	<0.5	91	69.9	598	103	8.35	18
D63143 (350499)		0.5	7.70	<1	479	0.5	<1	2.56	<0.5	75	11.4	21.4	11.2	5.54	22
D63144 (350500)		<0.5	6.19	<1	591	<0.5	<1	5.16	<0.5	89	39.2	221	45.7	6.61	21
D63145 (350501)		0.9	7.49	<1	164	0.7	<1	4.25	<0.5	47	33.7	15.8	41.4	8.95	21
D63146 (350502)		0.5	7.65	<1	204	<0.5	<1	6.75	<0.5	16	41.0	168	106	7.96	21
D63147 (350503)		<0.5	3.66	<1	441	<0.5	<1	7.00	<0.5	80	63.8	552	75.1	8.98	15
D63148 (350504)		0.7	7.76	<1	390	0.7	<1	3.43	<0.5	53	20.1	19.7	40.1	7.11	19
D63149 (350505)		<0.5	8.03	<1	460	0.7	<1	4.23	<0.5	55	7.2	17.4	3.9	4.68	20
D63150 (350506)		0.6	4.80	<1	851	<0.5	<1	6.52	<0.5	95	45.0	366	33.4	6.68	16
D63151 (350507)		<0.5	7.67	<1	407	0.7	<1	2.97	<0.5	52	9.0	23.5	5.9	4.02	21
D63152 (350508)		<0.5	0.11	<1	16	<0.5	<1	32.1	<0.5	<1	1.3	3.7	<0.5	0.13	7
D63153 (350509)		<0.5	3.89	<1	1260	<0.5	<1	10.1	<0.5	107	44.7	357	92.9	7.18	18
D63154 (350510)		0.6	5.39	<1	1070	0.7	<1	7.84	<0.5	106	39.5	220	90.2	6.45	20
D63155 (350511)		<0.5	7.04	<1	287	<0.5	<1	8.23	<0.5	28	48.3	215	101	7.49	18
D63156 (350512)		<0.5	7.21	<1	184	0.6	<1	8.23	<0.5	22	46.9	190	98.7	7.51	20
D63157 (350513)		0.6	6.81	<1	399	1.3	<1	3.01	<0.5	56	23.4	18.0	95.4	4.92	18
D63158 (350514)		0.6	6.90	<1	419	1.3	<1	3.06	<0.5	58	24.9	20.3	92.4	5.22	19

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T492744

PROJECT: AGAT00689

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D63159 (350515)		0.6	7.57	<1	385	1.2	<1	3.76	<0.5	62	24.2	25.3	49.6	4.94	22
D63160 (350516)		<0.5	7.67	<1	431	2.5	<1	3.68	<0.5	74	14.5	56.9	17.1	4.04	21
D63161 (350517)		<0.5	7.61	<1	250	<0.5	<1	6.36	<0.5	25	35.9	118	70.5	6.70	21
D63162 (350518)		<0.5	7.61	<1	299	1.0	<1	3.91	<0.5	55	13.4	24.6	6.1	5.53	22
D63163 (350519)		<0.5	7.00	<1	345	<0.5	<1	7.49	<0.5	41	40.6	212	84.6	7.26	18
D63164 (350520)		<0.5	7.40	<1	257	0.8	<1	4.89	<0.5	46	14.9	16.7	11.9	6.75	20
D63165 (350521)		<0.5	6.04	<1	523	<0.5	<1	9.30	<0.5	65	45.6	256	103	7.65	19
D63166 (350522)		<0.5	7.64	<1	161	<0.5	<1	7.13	<0.5	6	42.3	146	161	8.22	20
D63167 (350523)		<0.5	7.59	<1	327	0.8	<1	3.64	<0.5	63	14.3	21.1	18.5	4.54	20
D63168 (350524)		<0.5	7.47	<1	321	0.9	<1	3.86	<0.5	58	15.9	21.8	26.7	6.06	22
D63169 (350525)		<0.5	5.07	<1	658	0.9	<1	7.44	<0.5	81	39.8	280	34.2	7.28	19
D63170 (350526)		<0.5	7.62	<1	212	0.7	<1	4.30	<0.5	56	12.4	13.7	52.1	5.54	21
D63171 (350527)		<0.5	7.86	<1	363	0.8	<1	4.56	<0.5	50	11.3	20.5	16.0	5.08	21
D63172 (350528)		<0.5	0.08	2	14	<0.5	<1	34.3	<0.5	<1	1.0	3.7	<0.5	0.09	5
D63173 (350529)		<0.5	4.26	<1	1020	1.7	<1	9.32	<0.5	85	45.1	364	81.8	7.26	20
D63174 (350530)		<0.5	7.36	<1	313	<0.5	<1	4.57	<0.5	34	21.4	40.5	<0.5	5.40	22
D63175 (350531)		<0.5	8.59	<1	410	<0.5	<1	6.08	<0.5	20	34.7	102	<0.5	7.67	22
D63176 (350532)		<0.5	8.24	<1	439	<0.5	<1	5.41	<0.5	16	35.4	125	35.6	7.02	23
D63177 (350533)		<0.5	8.12	<1	246	<0.5	<1	5.50	<0.5	17	34.8	124	57.9	7.06	20
D63178 (350534)		<0.5	8.24	<1	261	<0.5	<1	5.81	<0.5	18	35.2	126	61.2	7.45	21
D63179 (350535)		<0.5	8.52	<1	100	<0.5	<1	5.25	<0.5	16	33.7	114	53.6	7.34	19
D63180 (350536)		<0.5	8.52	<1	88	<0.5	<1	5.62	<0.5	20	34.6	127	67.0	7.39	22
D63181 (350537)		<0.5	9.15	<1	271	<0.5	<1	5.98	<0.5	18	35.7	128	36.1	8.03	22
D63182 (350538)		<0.5	7.77	<1	161	<0.5	<1	5.56	<0.5	18	31.7	102	23.8	6.78	19
D63183 (350539)		<0.5	8.15	<1	170	<0.5	<1	4.04	<0.5	39	24.9	15.2	366	3.69	18
D63184 (350540)		<0.5	7.96	<1	135	0.6	<1	5.14	<0.5	35	27.1	27.0	88.6	6.40	21
D63185 (350541)		<0.5	7.97	<1	302	<0.5	<1	5.03	<0.5	29	33.3	27.3	82.8	7.36	22
D63186 (350542)		<0.5	7.52	<1	205	<0.5	<1	6.70	<0.5	17	43.5	177	103	7.90	23
D63187 (350543)		<0.5	8.44	<1	222	<0.5	<1	5.54	<0.5	31	29.2	24.5	94.0	7.08	21
D63188 (350544)		<0.5	8.62	<1	135	<0.5	<1	6.05	<0.5	23	33.7	73.1	38.5	7.58	24
D63189 (350545)		<0.5	6.60	<1	89	<0.5	<1	4.50	<0.5	14	24.4	86.4	28.3	5.00	17
D63190 (350546)		<0.5	7.68	<1	292	0.6	<1	6.22	<0.5	29	34.5	148	69.3	6.84	22

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T492744

PROJECT: AGAT00689

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D63191 (350547)		<0.5	5.63	7	1330	2.7	<1	4.50	<0.5	9	32.4	101	21.8	5.86	20
D63192 (350548)		<0.5	0.07	<1	14	<0.5	<1	33.1	<0.5	<1	1.1	3.3	<0.5	0.09	6
D63193 (350549)		<0.5	7.51	<1	385	2.2	<1	5.54	<0.5	11	34.6	98.7	6.9	6.39	18
D63194 (350550)		<0.5	8.23	<1	184	<0.5	<1	6.57	<0.5	15	41.8	130	43.2	7.42	19
D63195 (350551)		<0.5	4.88	<1	759	0.6	<1	7.43	<0.5	63	51.4	263	86.8	8.16	19
D63196 (350552)		<0.5	8.85	<1	302	<0.5	<1	6.31	<0.5	18	36.6	113	81.0	7.45	22
D63197 (350553)		<0.5	8.38	<1	150	<0.5	<1	6.46	<0.5	17	32.4	110	58.4	7.00	22
D63198 (350554)		<0.5	8.53	<1	164	<0.5	<1	6.72	<0.5	18	32.8	111	66.0	7.25	23

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T492744

PROJECT: AGAT00689

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D63127 (350483)		<1	1.34	22	19	1.34	888	<0.5	3.01	18.4	1480	<20	<50	0.04	<1
D63128 (350484)		<1	1.21	23	16	0.91	893	<0.5	3.02	1.6	1500	<20	<50	0.03	<1
D63129 (350485)		<1	0.82	21	13	0.79	1160	1.8	3.12	<0.5	1350	<20	<50	0.01	<1
D63130 (350486)		<1	1.05	22	17	0.80	1110	1.2	2.88	2.3	1380	<20	<50	0.04	<1
D63131 (350487)		<1	1.13	22	18	0.87	892	2.8	2.79	6.4	1180	<20	<50	0.08	<1
D63132 (350488)		<1	0.03	<2	<1	1.95	58	<0.5	0.07	0.7	106	<20	<50	0.04	1
D63133 (350489)		<1	1.56	17	21	2.63	947	0.5	3.03	49.0	560	<20	<50	0.03	<1
D63134 (350490)		<1	1.14	10	13	2.61	995	<0.5	2.99	51.7	546	<20	<50	0.03	<1
D63135 (350491)		<1	1.75	38	27	4.83	1290	1.3	2.34	161	1630	<20	<50	0.09	<1
D63136 (350492)		<1	1.00	33	10	1.08	715	1.2	2.79	11.7	862	<20	<50	0.03	<1
D63137 (350493)		<1	0.65	23	7	0.81	895	3.2	2.89	6.5	1060	<20	<50	0.12	<1
D63138 (350494)		<1	0.67	23	7	0.82	946	3.4	2.99	5.6	1050	<20	<50	0.12	<1
D63139 (350495)		<1	1.99	56	20	9.06	1450	<0.5	0.83	422	1290	<20	<50	0.19	<1
D63140 (350496)		<1	1.07	24	11	0.76	1250	1.0	3.02	2.6	1390	<20	<50	0.03	<1
D63141 (350497)		<1	1.31	27	14	1.03	1240	1.5	3.04	15.6	1300	<20	<50	0.05	<1
D63142 (350498)		<1	2.16	51	19	10.2	1550	<0.5	0.51	499	1130	<20	<50	0.18	<1
D63143 (350499)		<1	1.17	36	18	1.61	1540	1.5	2.78	7.4	1390	<20	<50	0.21	<1
D63144 (350500)		<1	1.40	45	21	4.68	1810	1.2	2.06	225	1360	<20	<50	0.09	<1
D63145 (350501)		<1	0.77	22	7	1.46	3310	5.2	2.22	12.1	1190	<20	<50	0.43	<1
D63146 (350502)		<1	0.44	11	10	4.47	1400	<0.5	2.33	113	824	<20	<50	0.09	<1
D63147 (350503)		<1	1.11	40	20	9.37	2170	0.5	0.78	561	1180	<20	<50	0.19	<1
D63148 (350504)		<1	1.20	24	13	1.25	2600	2.8	2.46	10.9	1270	<20	<50	0.29	<1
D63149 (350505)		<1	1.10	25	13	1.23	1250	1.8	3.10	4.5	1280	<20	<50	0.18	<1
D63150 (350506)		<1	1.58	44	15	7.43	1430	<0.5	1.37	292	997	<20	<50	0.12	<1
D63151 (350507)		<1	1.30	23	12	1.20	1020	2.4	3.30	12.5	1360	<20	<50	0.04	<1
D63152 (350508)		<1	0.02	<2	<1	2.71	57	<0.5	0.05	0.5	73	<20	<50	0.02	<1
D63153 (350509)		<1	2.48	54	26	7.30	1320	<0.5	1.05	237	1180	<20	<50	0.26	<1
D63154 (350510)		<1	2.04	52	31	5.24	1320	1.7	2.49	157	1590	<20	<50	0.20	<1
D63155 (350511)		<1	0.85	16	15	5.66	1380	<0.5	1.81	136	588	<20	<50	0.11	<1
D63156 (350512)		<1	0.79	13	9	5.03	1410	<0.5	1.84	109	484	<20	<50	0.14	<1
D63157 (350513)		<1	0.99	26	14	0.84	1430	4.8	2.89	11.2	1080	<20	<50	0.53	<1
D63158 (350514)		<1	1.03	27	14	0.90	1570	5.6	2.94	12.9	1110	<20	<50	0.55	<1

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T492744

PROJECT: AGAT00689

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D63159 (350515)		<1	1.10	28	19	0.98	1410	1.6	2.99	16.7	1250	<20	<50	0.33	<1
D63160 (350516)		<1	1.11	35	22	1.31	1000	1.6	3.33	41.3	1380	<20	<50	0.11	<1
D63161 (350517)		<1	0.79	13	8	3.34	1290	<0.5	2.15	65.0	596	<20	<50	0.10	<1
D63162 (350518)		<1	0.84	23	9	0.94	1560	1.5	2.34	6.6	1220	<20	<50	0.05	<1
D63163 (350519)		<1	0.92	21	12	5.07	1530	0.9	1.77	143	802	<20	<50	0.14	<1
D63164 (350520)		<1	0.89	21	8	1.07	2250	0.7	2.38	8.9	1110	<20	<50	0.11	<1
D63165 (350521)		<1	1.21	34	20	5.84	1520	1.1	1.50	163	1250	<20	<50	0.15	<1
D63166 (350522)		<1	0.21	5	13	4.60	1500	<0.5	2.33	91.3	385	<20	<50	0.16	<1
D63167 (350523)		<1	0.74	27	8	0.77	1420	1.9	2.48	9.6	1110	<20	<50	0.11	<1
D63168 (350524)		<1	0.84	26	9	0.97	1680	1.7	2.35	5.3	1250	<20	<50	0.15	<1
D63169 (350525)		<1	1.26	42	23	5.96	1780	2.6	1.70	263	1310	<20	<50	0.09	<1
D63170 (350526)		<1	0.63	23	6	0.91	1380	1.9	2.31	3.2	1220	<20	<50	0.17	<1
D63171 (350527)		<1	0.91	23	9	1.22	1210	4.7	2.51	11.4	913	<20	<50	0.07	<1
D63172 (350528)		<1	0.02	<2	<1	1.96	46	<0.5	0.04	0.8	75	<20	<50	0.02	<1
D63173 (350529)		<1	2.09	46	27	7.03	1400	2.5	1.27	269	1390	<20	<50	0.12	<1
D63174 (350530)		<1	1.02	17	10	2.00	1070	2.1	2.40	31.7	665	<20	<50	0.02	<1
D63175 (350531)		<1	1.23	11	16	3.50	1290	<0.5	2.42	73.8	653	<20	<50	0.01	<1
D63176 (350532)		<1	1.13	9	19	3.32	1120	<0.5	2.52	74.5	632	<20	<50	0.05	<1
D63177 (350533)		<1	0.72	9	18	3.31	1160	<0.5	2.44	66.9	631	<20	<50	0.06	<1
D63178 (350534)		<1	0.74	9	19	3.40	1180	<0.5	2.59	66.9	629	<20	<50	0.06	<1
D63179 (350535)		<1	0.50	9	18	3.54	1270	<0.5	3.02	71.5	604	<20	<50	0.04	<1
D63180 (350536)		<1	0.38	11	16	3.73	1260	<0.5	2.98	82.9	696	<20	<50	0.07	<1
D63181 (350537)		<1	0.85	10	22	3.77	1370	<0.5	2.91	69.0	655	<20	<50	0.04	<1
D63182 (350538)		<1	0.66	10	14	3.14	1240	<0.5	2.36	55.3	568	<20	<50	0.04	<1
D63183 (350539)		<1	0.48	23	14	1.06	503	1.4	2.91	37.8	831	<20	<50	0.36	<1
D63184 (350540)		<1	0.69	19	16	2.13	1010	1.3	2.75	25.0	726	<20	<50	0.09	<1
D63185 (350541)		<1	0.70	14	22	2.47	1200	<0.5	2.45	30.9	728	<20	<50	0.10	<1
D63186 (350542)		<1	0.44	11	10	4.42	1380	<0.5	2.35	118	868	<20	<50	0.09	<1
D63187 (350543)		<1	0.51	15	17	2.11	1320	0.6	2.37	27.6	722	<20	<50	0.10	<1
D63188 (350544)		<1	0.53	12	19	3.20	1260	<0.5	2.78	62.8	657	<20	<50	0.03	<1
D63189 (350545)		<1	0.38	7	18	2.45	900	0.5	2.24	50.6	492	<20	<50	0.03	<1
D63190 (350546)		<1	0.95	14	27	3.69	1200	<0.5	2.86	90.2	937	<20	<50	0.04	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T492744

PROJECT: AGAT00689

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Rb ppm	S %	Sb ppm
D63191 (350547)		<1	2.22	6	34	3.45	923	0.7	2.12	132	501	<20	<50	0.06	<1
D63192 (350548)		2	0.01	<2	1	3.18	52	<0.5	0.04	<0.5	75	<20	<50	0.03	<1
D63193 (350549)		<1	1.25	7	15	3.92	1080	<0.5	3.99	121	498	<20	<50	<0.01	<1
D63194 (350550)		<1	0.87	8	13	4.51	1210	3.8	2.61	151	661	<20	<50	0.01	<1
D63195 (350551)		<1	1.76	31	24	6.54	1310	<0.5	2.17	256	1530	<20	<50	0.09	<1
D63196 (350552)		<1	1.11	9	23	3.80	1260	<0.5	2.93	89.0	673	<20	<50	0.04	<1
D63197 (350553)		<1	0.43	9	10	3.16	1210	<0.5	2.23	51.4	819	<20	<50	0.03	<1
D63198 (350554)		<1	0.45	10	10	3.26	1230	<0.5	2.31	55.4	787	<20	<50	0.02	<1

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D63127 (350483)	15	<10	<5	201	<10	<10	<5	0.51	<5	<50	31.0	<1	33	115
D63128 (350484)	14	<10	<5	212	<10	<10	<5	0.50	<5	<50	23.0	<1	30	100
D63129 (350485)	15	<10	<5	213	<10	<10	<5	0.44	<5	<50	12.8	<1	34	95.7
D63130 (350486)	15	<10	<5	220	<10	<10	<5	0.48	<5	<50	12.7	<1	35	118
D63131 (350487)	15	<10	<5	230	<10	<10	<5	0.44	<5	<50	40.2	<1	28	90.1
D63132 (350488)	<1	<10	<5	77	<10	<10	<5	0.01	<5	<50	2.3	<1	3	4.5
D63133 (350489)	25	<10	<5	203	<10	<10	<5	0.51	<5	<50	176	<1	18	102
D63134 (350490)	26	<10	<5	218	<10	<10	<5	0.49	<5	<50	189	<1	18	80.1
D63135 (350491)	23	<10	<5	666	<10	<10	<5	1.08	<5	<50	240	<1	20	94.1
D63136 (350492)	12	<10	<5	263	<10	<10	<5	0.38	<5	<50	42.7	<1	21	94.2
D63137 (350493)	12	<10	<5	260	<10	<10	<5	0.41	<5	<50	26.5	<1	29	84.4
D63138 (350494)	13	<10	<5	265	<10	<10	<5	0.42	<5	<50	25.3	<1	30	82.0
D63139 (350495)	20	<10	<5	733	<10	<10	<5	1.49	<5	<50	226	<1	22	90.2
D63140 (350496)	14	<10	<5	225	<10	<10	<5	0.46	<5	<50	11.2	<1	37	95.9
D63141 (350497)	13	<10	<5	264	<10	<10	<5	0.49	<5	<50	17.3	<1	30	107
D63142 (350498)	19	<10	<5	632	<10	<10	<5	1.94	<5	<50	269	<1	18	128
D63143 (350499)	13	<10	<5	225	<10	<10	<5	0.45	<5	<50	13.4	<1	32	104
D63144 (350500)	16	<10	<5	312	<10	<10	<5	1.05	<5	<50	93.9	<1	35	168
D63145 (350501)	16	<10	<5	174	<10	<10	<5	0.41	<5	<50	13.1	<1	46	132
D63146 (350502)	34	<10	<5	254	<10	<10	<5	0.89	<5	<50	245	<1	22	98.2
D63147 (350503)	18	<10	<5	479	<10	<10	<5	1.45	<5	<50	182	<1	27	113
D63148 (350504)	15	<10	<5	209	<10	<10	<5	0.46	<5	<50	12.2	<1	39	138
D63149 (350505)	12	<10	<5	286	<10	<10	<5	0.46	<5	<50	11.8	<1	31	107
D63150 (350506)	19	<10	<5	374	<10	<10	<5	1.48	<5	<50	112	<1	23	77.9
D63151 (350507)	12	<10	<5	260	<10	<10	<5	0.43	<5	<50	17.1	<1	31	106
D63152 (350508)	<1	<10	<5	70	<10	<10	<5	0.01	<5	<50	4.2	<1	2	4.9
D63153 (350509)	24	<10	<5	651	<10	<10	<5	1.66	<5	<50	250	<1	20	75.3
D63154 (350510)	24	<10	<5	579	<10	<10	<5	1.20	<5	<50	171	<1	27	95.8
D63155 (350511)	40	<10	<5	285	<10	<10	<5	0.70	<5	<50	252	<1	17	72.7
D63156 (350512)	42	<10	<5	210	<10	<10	<5	0.59	<5	<50	262	<1	18	75.9
D63157 (350513)	15	<10	<5	214	<10	<10	<5	0.31	<5	<50	19.4	<1	33	124
D63158 (350514)	15	<10	<5	217	<10	<10	<5	0.33	<5	<50	20.2	<1	35	113

Certified By:

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AGAT WORK ORDER: 19T492744

PROJECT: AGAT00689

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D63159 (350515)	15	<10	<5	247	<10	<10	<5	0.42	<5	<50	17.0	<1	38	106
D63160 (350516)	13	<10	<5	273	<10	<10	<5	0.47	<5	<50	32.9	<1	33	81.5
D63161 (350517)	34	<10	<5	161	<10	<10	<5	0.53	<5	<50	187	<1	22	85.7
D63162 (350518)	18	<10	<5	200	<10	<10	<5	0.42	<5	<50	20.3	<1	38	120
D63163 (350519)	32	<10	<5	293	<10	<10	<5	0.88	<5	<50	205	<1	22	90.3
D63164 (350520)	16	<10	<5	191	<10	<10	<5	0.40	<5	<50	15.7	<1	40	117
D63165 (350521)	33	<10	<5	475	<10	<10	<5	1.16	<5	<50	248	<1	20	83.6
D63166 (350522)	44	<10	<5	117	<10	<10	<5	0.70	<5	<50	313	<1	22	88.8
D63167 (350523)	13	<10	<5	244	<10	<10	<5	0.39	<5	<50	13.0	<1	34	87.4
D63168 (350524)	17	<10	<5	210	<10	<10	<5	0.39	<5	<50	12.5	<1	39	114
D63169 (350525)	20	<10	<5	498	<10	<10	<5	1.01	<5	<50	152	<1	30	136
D63170 (350526)	15	<10	<5	246	<10	<10	<5	0.41	<5	<50	11.9	<1	37	111
D63171 (350527)	16	<10	<5	295	<10	<10	<5	0.44	<5	<50	54.1	<1	30	106
D63172 (350528)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	2.4	<1	2	4.3
D63173 (350529)	20	<10	<5	836	<10	<10	<5	1.35	<5	<50	246	<1	25	105
D63174 (350530)	20	<10	<5	251	<10	<10	<5	0.50	<5	<50	139	<1	22	79.5
D63175 (350531)	28	<10	<5	197	<10	<10	<5	0.71	<5	<50	202	<1	21	101
D63176 (350532)	29	<10	<5	144	<10	<10	<5	0.62	<5	<50	196	<1	20	81.2
D63177 (350533)	30	<10	<5	147	<10	<10	<5	0.66	<5	<50	201	<1	22	87.9
D63178 (350534)	30	<10	<5	154	<10	<10	<5	0.71	<5	<50	201	<1	23	91.1
D63179 (350535)	29	<10	<5	200	<10	<10	<5	0.66	<5	<50	194	<1	20	98.3
D63180 (350536)	29	<10	<5	200	<10	<10	<5	0.71	<5	<50	199	<1	21	92.6
D63181 (350537)	31	<10	<5	192	<10	<10	<5	0.72	<5	<50	209	<1	23	111
D63182 (350538)	27	<10	<5	171	<10	<10	<5	0.58	<5	<50	188	<1	20	95.6
D63183 (350539)	13	<10	<5	242	<10	<10	<5	0.36	<5	<50	75.4	<1	13	46.7
D63184 (350540)	25	<10	<5	207	<10	<10	<5	0.59	<5	<50	180	<1	20	96.4
D63185 (350541)	26	<10	<5	185	<10	<10	<5	0.70	<5	<50	220	<1	22	107
D63186 (350542)	35	<10	<5	256	<10	<10	<5	0.88	<5	<50	256	<1	23	93.9
D63187 (350543)	25	<10	<5	214	<10	<10	<5	0.65	<5	<50	193	<1	24	109
D63188 (350544)	28	<10	<5	206	<10	<10	<5	0.71	<5	<50	209	<1	21	98.5
D63189 (350545)	20	<10	<5	157	<10	<10	<5	0.45	<5	<50	133	<1	15	63.6
D63190 (350546)	28	<10	<5	257	<10	<10	<5	0.74	<5	<50	200	<1	26	92.7

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T492744

PROJECT: AGAT00689

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D63191 (350547)	22	<10	<5	259	<10	<10	<5	0.24	<5	<50	121	<1	15	104
D63192 (350548)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	3.6	<1	3	5.3
D63193 (350549)	19	<10	<5	219	<10	<10	<5	0.28	<5	<50	102	<1	17	90.1
D63194 (350550)	26	<10	<5	160	<10	<10	<5	0.57	<5	<50	177	<1	18	94.8
D63195 (350551)	25	<10	<5	504	<10	<10	<5	1.10	<5	<50	245	<1	24	94.1
D63196 (350552)	31	<10	<5	199	<10	<10	<5	0.66	<5	<50	198	<1	23	97.3
D63197 (350553)	32	<10	<5	166	<10	<10	<5	0.64	<5	<50	210	<1	22	93.2
D63198 (350554)	32	<10	<5	178	<10	<10	<5	0.67	<5	<50	213	<1	22	94.0

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## Certificate of Analysis

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PROJECT: AGAT00689

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D63127 (350483)				36
D63128 (350484)				78
D63129 (350485)				37
D63130 (350486)				53
D63131 (350487)				143
D63132 (350488)				<5
D63133 (350489)				94
D63134 (350490)				75
D63135 (350491)				100
D63136 (350492)				108
D63137 (350493)				131
D63138 (350494)				135
D63139 (350495)				61
D63140 (350496)				86
D63141 (350497)				97
D63142 (350498)				81
D63143 (350499)				93
D63144 (350500)				93
D63145 (350501)				121
D63146 (350502)				92
D63147 (350503)				50
D63148 (350504)				98
D63149 (350505)				87
D63150 (350506)				164
D63151 (350507)				98
D63152 (350508)				<5
D63153 (350509)				110
D63154 (350510)				154
D63155 (350511)				72
D63156 (350512)				59
D63157 (350513)				107
D63158 (350514)				114

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## Certificate of Analysis

AGAT WORK ORDER: 19T492744

PROJECT: AGAT00689

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D63159 (350515)			114
D63160 (350516)			112
D63161 (350517)			62
D63162 (350518)			55
D63163 (350519)			75
D63164 (350520)			52
D63165 (350521)			127
D63166 (350522)			54
D63167 (350523)			87
D63168 (350524)			92
D63169 (350525)			62
D63170 (350526)			105
D63171 (350527)			63
D63172 (350528)			<5
D63173 (350529)			44
D63174 (350530)			99
D63175 (350531)			62
D63176 (350532)			38
D63177 (350533)			38
D63178 (350534)			35
D63179 (350535)			32
D63180 (350536)			54
D63181 (350537)			47
D63182 (350538)			57
D63183 (350539)			58
D63184 (350540)			77
D63185 (350541)			59
D63186 (350542)			98
D63187 (350543)			57
D63188 (350544)			49
D63189 (350545)			34
D63190 (350546)			81

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T492744

PROJECT: AGAT00689

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
Sample ID (AGAT ID)	RDL:
	5
D63191 (350547)	56
D63192 (350548)	<5
D63193 (350549)	65
D63194 (350550)	36
D63195 (350551)	111
D63196 (350552)	43
D63197 (350553)	23
D63198 (350554)	26

Comments: RDL - Reported Detection Limit

350483-350554 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

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## Certificate of Analysis

AGAT WORK ORDER: 19T492744

PROJECT: AGAT00689

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D63127 (350483)			0.007
D63128 (350484)			0.002
D63129 (350485)			0.001
D63130 (350486)			0.001
D63131 (350487)			0.001
D63132 (350488)			0.001
D63133 (350489)			0.003
D63134 (350490)			0.003
D63135 (350491)			0.003
D63136 (350492)			0.001
D63137 (350493)			0.001
D63138 (350494)			0.001
D63139 (350495)			0.001
D63140 (350496)			<0.001
D63141 (350497)			0.002
D63142 (350498)			0.002
D63143 (350499)			0.001
D63144 (350500)			0.002
D63145 (350501)			0.003
D63146 (350502)			0.336
D63147 (350503)			0.002
D63148 (350504)			0.002
D63149 (350505)			<0.001
D63150 (350506)			0.001
D63151 (350507)			<0.001
D63152 (350508)			<0.001
D63153 (350509)			0.001
D63154 (350510)			0.018
D63155 (350511)			0.002
D63156 (350512)			0.001
D63157 (350513)			0.003
D63158 (350514)			0.003

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T492744

PROJECT: AGAT00689

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D63159 (350515)			0.003
D63160 (350516)			0.001
D63161 (350517)			0.001
D63162 (350518)			0.001
D63163 (350519)			0.002
D63164 (350520)			0.001
D63165 (350521)			0.002
D63166 (350522)			0.534
D63167 (350523)			0.001
D63168 (350524)			0.002
D63169 (350525)			0.002
D63170 (350526)			0.003
D63171 (350527)			0.001
D63172 (350528)			0.001
D63173 (350529)			<0.001
D63174 (350530)			0.001
D63175 (350531)			0.001
D63176 (350532)			0.002
D63177 (350533)			0.001
D63178 (350534)			0.001
D63179 (350535)			0.002
D63180 (350536)			0.002
D63181 (350537)			0.002
D63182 (350538)			0.001
D63183 (350539)			0.005
D63184 (350540)			0.002
D63185 (350541)			0.001
D63186 (350542)			0.337
D63187 (350543)			0.001
D63188 (350544)			0.001
D63189 (350545)			0.001
D63190 (350546)			0.002

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## Certificate of Analysis

AGAT WORK ORDER: 19T492744

PROJECT: AGAT00689

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Analyte:	Unit:	RDL:
Au	ppm	0.001
Sample ID (AGAT ID)		
D63191 (350547)		0.001
D63192 (350548)		<0.001
D63193 (350549)		0.002
D63194 (350550)		0.002
D63195 (350551)		0.001
D63196 (350552)		0.011
D63197 (350553)		0.002
D63198 (350554)		0.002

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T492744

PROJECT: AGAT00689

5623 McADAM ROAD  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D63128 (350484)		77.38
D63145 (350501)		87.45
D63170 (350526)		81.62

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T492744

PROJECT: AGAT00689

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D63127 (350483)		85.00
D63167 (350523)		86.31

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	350483	< 0.5	< 0.5	0.0%	350497	< 0.5	< 0.5	0.0%	350508	< 0.5	< 0.5	0.0%	350521	< 0.5	< 0.5	0.0%
Al	350483	7.93	7.94	0.1%	350497	7.95	7.94	0.1%	350508	0.105	0.084	22.2%	350521	6.04	6.12	1.3%
As	350483	< 1	< 1	0.0%	350497	< 1	< 1	0.0%	350508	< 1	2		350521	< 1	< 1	0.0%
Ba	350483	367	365	0.5%	350497	522	533	2.1%	350508	16	17	6.1%	350521	523	530	1.3%
Be	350483	0.7	0.7	0.0%	350497	0.7	0.7	0.0%	350508	< 0.5	< 0.5	0.0%	350521	< 0.5	< 0.5	0.0%
Bi	350483	< 1	< 1	0.0%	350497	< 1	< 1	0.0%	350508	< 1	< 1	0.0%	350521	< 1	< 1	0.0%
Ca	350483	3.29	3.19	3.1%	350497	3.26	3.35	2.7%	350508	32.1	32.8	2.2%	350521	9.30	9.38	0.9%
Cd	350483	< 0.5	< 0.5	0.0%	350497	< 0.5	< 0.5	0.0%	350508	< 0.5	< 0.5	0.0%	350521	< 0.5	< 0.5	0.0%
Ce	350483	50	49	2.0%	350497	57	58	1.7%	350508	< 1	< 1	0.0%	350521	65	67	3.0%
Co	350483	12.1	11.9	1.7%	350497	8.0	8.3	3.7%	350508	1.3	0.8		350521	45.6	45.0	1.3%
Cr	350483	37.7	37.8	0.3%	350497	30.3	33.7	10.6%	350508	3.7	3.1	17.6%	350521	256	268	4.6%
Cu	350483	11.0	10.6	3.7%	350497	9.48	9.11	4.0%	350508	< 0.5	< 0.5	0.0%	350521	103	105	1.9%
Fe	350483	4.88	4.83	1.0%	350497	4.91	4.92	0.2%	350508	0.132	0.105	22.8%	350521	7.65	7.69	0.5%
Ga	350483	23	23	0.0%	350497	21	22	4.7%	350508	7	6	15.4%	350521	19	20	5.1%
In	350483	< 1	< 1	0.0%	350497	< 1	< 1	0.0%	350508	< 1	< 1	0.0%	350521	< 1	< 1	0.0%
K	350483	1.34	1.35	0.7%	350497	1.31	1.31	0.0%	350508	0.017	0.015	12.5%	350521	1.21	1.23	1.6%
La	350483	22	22	0.0%	350497	27	28	3.6%	350508	< 2	< 2	0.0%	350521	34	35	2.9%
Li	350483	19	19	0.0%	350497	14	14	0.0%	350508	< 1	< 1	0.0%	350521	20	20	0.0%
Mg	350483	1.34	1.32	1.5%	350497	1.03	1.04	1.0%	350508	2.71	2.63	3.0%	350521	5.84	5.86	0.3%
Mn	350483	888	888	0.0%	350497	1240	1240	0.0%	350508	57	54	5.4%	350521	1520	1520	0.0%
Mo	350483	< 0.5	0.8		350497	1.53	1.79	15.7%	350508	< 0.5	< 0.5	0.0%	350521	1.11	1.37	21.0%
Na	350483	3.01	2.98	1.0%	350497	3.04	2.97	2.3%	350508	0.051	0.045	12.5%	350521	1.50	1.53	2.0%
Ni	350483	18.4	19.3	4.8%	350497	15.6	15.0	3.9%	350508	0.5	< 0.5		350521	163	168	3.0%
P	350483	1480	1520	2.7%	350497	1300	1270	2.3%	350508	73	86	16.4%	350521	1250	1210	3.3%
Pb	350483	< 20	< 20	0.0%	350497	< 20	< 20	0.0%	350508	< 20	< 20	0.0%	350521	< 20	< 20	0.0%
Rb	350483	< 50	< 50	0.0%	350497	< 50	< 50	0.0%	350508	< 50	< 50	0.0%	350521	< 50	< 50	0.0%
S	350483	0.036	0.033	8.7%	350497	0.05	0.05	0.0%	350508	0.02	0.03		350521	0.15	0.15	0.0%
Sb	350483	< 1	< 1	0.0%	350497	< 1	< 1	0.0%	350508	< 1	< 1	0.0%	350521	< 1	< 1	0.0%
Sc	350483	15	16	6.5%	350497	13	13	0.0%	350508	< 1	< 1	0.0%	350521	33	34	3.0%
Se	350483	< 10	< 10	0.0%	350497	< 10	< 10	0.0%	350508	< 10	< 10	0.0%	350521	< 10	< 10	0.0%
Sn	350483	< 5	< 5	0.0%	350497	< 5	< 5	0.0%	350508	< 5	< 5	0.0%	350521	< 5	< 5	0.0%





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	350483	201	197	2.0%	350497	264	262	0.8%	350508	70	70	0.0%	350521	475	478	0.6%
Ta	350483	< 10	< 10	0.0%	350497	< 10	< 10	0.0%	350508	< 10	< 10	0.0%	350521	< 10	< 10	0.0%
Te	350483	< 10	< 10	0.0%	350497	< 10	< 10	0.0%	350508	< 10	< 10	0.0%	350521	< 10	< 10	0.0%
Th	350483	< 5	< 5	0.0%	350497	< 5	< 5	0.0%	350508	< 5	< 5	0.0%	350521	< 5	< 5	0.0%
Ti	350483	0.51	0.51	0.0%	350497	0.49	0.50	2.0%	350508	0.01	< 0.01		350521	1.16	1.14	1.7%
Tl	350483	< 5	< 5	0.0%	350497	< 5	< 5	0.0%	350508	< 5	< 5	0.0%	350521	< 5	< 5	0.0%
U	350483	< 50	< 50	0.0%	350497	< 50	< 50	0.0%	350508	< 50	< 50	0.0%	350521	< 50	< 50	0.0%
V	350483	31.0	31.8	2.5%	350497	17.3	16.9	2.3%	350508	4.2	3.6	15.4%	350521	248	252	1.6%
W	350483	< 1	< 1	0.0%	350497	< 1	< 1	0.0%	350508	< 1	< 1	0.0%	350521	< 1	< 1	0.0%
Y	350483	33	34	3.0%	350497	30	30	0.0%	350508	2	2	0.0%	350521	20	20	0.0%
Zn	350483	115	117	1.7%	350497	107	109	1.9%	350508	8.9	7.6	15.8%	350521	83.6	84.1	0.6%
Zr	350483	36	39	8.0%	350497	97	95	2.1%	350508	< 5	< 5	0.0%	350521	127	107	17.1%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	350533	< 0.5	< 0.5	0.0%	350547	< 0.5	< 0.5	0.0%								
Al	350533	8.12	8.59	5.6%	350547	5.63	5.43	3.6%								
As	350533	< 1	< 1	0.0%	350547	7	6	15.4%								
Ba	350533	246	264	7.1%	350547	1330	1300	2.3%								
Be	350533	< 0.5	< 0.5	0.0%	350547	2.66	2.57	3.4%								
Bi	350533	< 1	< 1	0.0%	350547	< 1	< 1	0.0%								
Ca	350533	5.50	5.85	6.2%	350547	4.50	4.45	1.1%								
Cd	350533	< 0.5	< 0.5	0.0%	350547	< 0.5	< 0.5	0.0%								
Ce	350533	17	17	0.0%	350547	9	10	10.5%								
Co	350533	34.8	34.1	2.0%	350547	32.4	32.3	0.3%								
Cr	350533	124	124	0.0%	350547	101	109	7.6%								
Cu	350533	57.9	61.2	5.5%	350547	21.8	20.7	5.2%								
Fe	350533	7.06	7.48	5.8%	350547	5.86	5.70	2.8%								
Ga	350533	20	20	0.0%	350547	20	19	5.1%								
In	350533	< 1	< 1	0.0%	350547	< 1	< 1	0.0%								
K	350533	0.723	0.770	6.3%	350547	2.22	2.14	3.7%								
La	350533	9	9	0.0%	350547	6	6	0.0%								
Li	350533	18	19	5.4%	350547	34	32	6.1%								
Mg	350533	3.31	3.55	7.0%	350547	3.45	3.32	3.8%								
Mn	350533	1160	1240	6.7%	350547	923	895	3.1%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	350533	< 0.5	< 0.5	0.0%	350547	0.7	1.2									
Na	350533	2.44	2.61	6.7%	350547	2.12	2.11	0.5%								
Ni	350533	66.9	68.0	1.6%	350547	132	133	0.8%								
P	350533	631	645	2.2%	350547	501	507	1.2%								
Pb	350533	< 20	< 20	0.0%	350547	< 20	< 20	0.0%								
Rb	350533	< 50	< 50	0.0%	350547	< 50	< 50	0.0%								
S	350533	0.06	0.06	0.0%	350547	0.057	0.050	13.1%								
Sb	350533	< 1	< 1	0.0%	350547	< 1	< 1	0.0%								
Sc	350533	30	30	0.0%	350547	22	22	0.0%								
Se	350533	< 10	< 10	0.0%	350547	< 10	< 10	0.0%								
Sn	350533	< 5	< 5	0.0%	350547	< 5	< 5	0.0%								
Sr	350533	147	155	5.3%	350547	259	256	1.2%								
Ta	350533	< 10	< 10	0.0%	350547	< 10	< 10	0.0%								
Te	350533	< 10	< 10	0.0%	350547	< 10	< 10	0.0%								
Th	350533	< 5	< 5	0.0%	350547	< 5	< 5	0.0%								
Ti	350533	0.664	0.707	6.3%	350547	0.24	0.24	0.0%								
Tl	350533	< 5	< 5	0.0%	350547	< 5	< 5	0.0%								
U	350533	< 50	< 50	0.0%	350547	< 50	< 50	0.0%								
V	350533	201	198	1.5%	350547	121	121	0.0%								
W	350533	< 1	< 1	0.0%	350547	< 1	< 1	0.0%								
Y	350533	22	22	0.0%	350547	15	16	6.5%								
Zn	350533	87.9	90.7	3.1%	350547	104	99.7	4.2%								
Zr	350533	38	35	8.2%	350547	56	58	3.5%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	350483	0.0066	0.0053	21.8%	350497	0.002	< 0.001		350508	< 0.001	< 0.001	0.0%	350521	0.002	0.002	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	350533	0.001	0.001	0.0%	350547	0.001	0.001	0.0%								

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.GTS-2a)				CRM #3 (ref.Till-2)				CRM #4 (ref.GTS-2a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.88	99%	90% - 110%					8.17	8.08	99%	90% - 110%	6.96	7.18	103%	90% - 110%
As									26	24	92%	90% - 110%	124	130	105%	90% - 110%
Ba	340	350	103%	90% - 110%					540	522	97%	90% - 110%	186	195	105%	90% - 110%
Be	2.6	2.8	107%	90% - 110%					4.0	3.1	76%	90% - 110%				
Ca	5.72	5.89	103%	90% - 110%					0.907	0.896	99%	90% - 110%	4.01	4.12	103%	90% - 110%
Ce	122	111	91%	90% - 110%					98	95	97%	90% - 110%	24	22	91%	90% - 110%
Co	2.8	2	71%	90% - 110%	22.1	22.5	102%	90% - 110%								
Cr									60.3	63.5	105%	90% - 110%				
Cu									150	148	99%	90% - 110%	88.6	88.9	100%	90% - 110%
Fe	4.34	4.09	94%	90% - 110%					3.77	3.63	96%	90% - 110%	7.56	7.56	100%	90% - 110%
Ga	35	35	100%	90% - 110%												
K	1.37	1.4	102%	90% - 110%									2.021	2.093	104%	90% - 110%
La	58	54	92%	90% - 110%					44	42	96%	90% - 110%				
Li	37	39	104%	90% - 110%					47	47	100%	90% - 110%				
Mg	0.325	0.317	97%	90% - 110%					1.10	1.09	99%	90% - 110%	2.412	2.562	106%	90% - 110%
Mn									780	772	99%	90% - 110%	1510	1550	103%	90% - 110%
Mo									14	13	91%	90% - 110%				
Na	5.267	5.261	100%	90% - 110%					1.624	1.594	98%	90% - 110%	0.617	0.637	103%	90% - 110%
Ni									32	32	101%	90% - 110%	77.1	77.9	101%	90% - 110%
P									750	719	96%	90% - 110%	892	892	100%	90% - 110%
Pb									31	28	90%	90% - 110%				
S													0.348	0.342	98%	90% - 110%
Sc	1.1	0.9	80%	90% - 110%					12	12	103%	90% - 110%				
Sr	1191	1179	99%	90% - 110%					144	146	102%	90% - 110%	92.8	93.2	100%	90% - 110%
Ti	0.172	0.172	100%	90% - 110%					0.53	0.48	90%	90% - 110%				
V	8	7	90%	90% - 110%					77	81	106%	90% - 110%				
Y	119	124	104%	90% - 110%												
Zn	93	99	106%	90% - 110%					130	126	97%	90% - 110%	208	229	110%	90% - 110%
	CRM #5 (ref.WMG-1a)				CRM #6 (ref.WMG-1a)											
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Ag					3.03	3.25	107%	90% - 110%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Al					4.75	5	105%	90% - 110%								
Ba					216	234	108%	90% - 110%								
Ca					10	10	100%	90% - 110%								
Co	191	179	94%	90% - 110%	191	185	97%	90% - 110%								
Cr					670	630	94%	90% - 110%								
Cu					7120	7430	104%	90% - 110%								
Fe					12.71	12.28	97%	90% - 110%								
K					0.1021	0.1106	108%	90% - 110%								
La					8.47	9.23	108%	90% - 110%								
Mg					7.41	7.68	104%	90% - 110%								
Na					0.112	0.122	109%	90% - 110%								
Ni					2480	2278	92%	90% - 110%								
P					731	680	93%	90% - 110%								
Sc					21.33	21.78	102%	90% - 110%								
Sr					39	39	99%	90% - 110%								
Ti					0.419	0.42	100%	90% - 110%								
V					158	164	104%	90% - 110%								
Y					12.67	13.38	106%	90% - 110%								
Zn					112	116	103%	90% - 110%								
Zr					35.7	36.8	103%	90% - 110%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GSP7M)				CRM #2 (ref.GS5W)				CRM #3 (ref.GSP5G)				CRM #4 (ref.GS6F)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.725	0.765	105%	90% - 110%	5.27	5.62	107%	90% - 110%	0.562	0.563	100%	90% - 110%	6.87	6.95	101%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00689  
 SAMPLING SITE:

AGAT WORK ORDER: 19T492744  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00690

AGAT WORK ORDER: 19T492766

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jul 24, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T492766

PROJECT: AGAT00690

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 24, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D64001 (350780)		1.05
D64002 (350781)		0.97
D64003 (350782)		1.17
D64004 (350783)		0.87
D64005 (350784)		0.82
D64006 (350785)		0.07
D64007 (350786)		1.91
D64008 (350787)		2.25
D64009 (350788)		1.68
D64010 (350789)		1.43
D64011 (350790)		0.89
D64012 (350791)		0.58
D64013 (350792)		1.66
D64014 (350793)		1.02
D64015 (350794)		1.46
D64016 (350795)		0.98
D64017 (350796)		1.18
D64018 (350797)		1.18
D64019 (350798)		1.90
D64020 (350799)		1.12
D64021 (350800)		1.34
D64022 (350801)		1.08
D64023 (350802)		0.87
D64024 (350803)		0.81
D64025 (350804)		1.95
D64026 (350805)		0.07
D64027 (350806)		1.16
D64028 (350807)		1.14
D64029 (350808)		1.39
D64030 (350809)		1.36
D64031 (350810)		1.39

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T492766

PROJECT: AGAT00690

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 FAX (905)501-0589  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 24, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D64032 (350811)		0.56
D64033 (350812)		0.58
D64034 (350813)		1.16
D64035 (350814)		1.04
D64036 (350815)		1.13
D64037 (350816)		1.27
D64038 (350817)		1.27
D64039 (350818)		0.77
D64040 (350819)		2.27
D64041 (350820)		1.49
D64042 (350821)		1.12
D64043 (350822)		0.81
D64044 (350823)		1.13
D64045 (350824)		1.43
D64046 (350825)		0.07
D64047 (350826)		1.35
D64048 (350827)		1.33
D64049 (350828)		1.34
D64050 (350829)		1.28
D64051 (350830)		0.98
D64052 (350831)		0.53
D64053 (350832)		0.90
D64054 (350833)		0.86
D64055 (350834)		0.82
D64056 (350835)		1.90
D64057 (350836)		1.87
D64058 (350837)		1.87
D64059 (350838)		2.01
D64060 (350839)		1.93
D64061 (350840)		1.40
D64062 (350841)		1.96

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T492766

PROJECT: AGAT00690

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 24, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D64063 (350842)		1.44
D64064 (350843)		0.81
D64065 (350844)		1.51
D64066 (350845)		0.07
D64067 (350846)		1.55
D64068 (350847)		1.43
D64069 (350848)		1.70
D64070 (350849)		1.51
D64071 (350850)		1.36
D64072 (350851)		0.57

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T492766

PROJECT: AGAT00690

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 24, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D64001 (350780)		<0.5	8.95	<1	200	0.6	<1	5.97	<0.5	21	18.5	89.8	60.5	4.27	22
D64002 (350781)		<0.5	8.85	<1	255	0.7	<1	5.74	<0.5	22	18.9	70.7	269	4.45	22
D64003 (350782)		0.8	7.68	<1	265	1.1	<1	3.01	<0.5	29	7.9	109	19.4	4.25	25
D64004 (350783)		<0.5	8.14	<1	315	0.9	<1	2.85	<0.5	30	10.0	80.2	17.3	2.60	19
D64005 (350784)		<0.5	7.44	<1	218	1.6	<1	2.87	<0.5	14	9.8	101	7.0	2.78	18
D64006 (350785)		<0.5	7.32	<1	184	0.6	<1	6.39	<0.5	16	38.8	168	104	7.67	31
D64007 (350786)		<0.5	8.34	<1	172	0.9	<1	3.64	<0.5	19	12.5	81.1	26.3	3.16	21
D64008 (350787)		<0.5	8.41	<1	184	0.7	<1	3.76	<0.5	20	12.8	81.6	12.4	3.32	20
D64009 (350788)		<0.5	8.21	<1	309	1.3	<1	2.97	<0.5	26	8.3	80.3	99.7	2.24	20
D64010 (350789)		<0.5	8.24	<1	237	0.7	<1	3.08	<0.5	20	10.9	107	18.7	2.70	20
D64011 (350790)		<0.5	2.75	<1	875	1.2	<1	6.75	<0.5	96	66.4	751	92.6	8.65	30
D64012 (350791)		<0.5	0.07	<1	14	<0.5	<1	31.0	<0.5	<1	<0.5	2.7	<0.5	0.11	<5
D64013 (350792)		<0.5	8.41	<1	173	0.7	<1	3.06	<0.5	20	10.3	91.9	52.3	2.55	19
D64014 (350793)		<0.5	7.83	<1	194	0.7	<1	3.18	<0.5	18	11.1	83.4	53.6	2.77	19
D64015 (350794)		<0.5	8.22	<1	203	0.8	<1	2.86	<0.5	18	10.5	90.2	25.9	2.66	19
D64016 (350795)		<0.5	8.07	<1	261	1.0	<1	2.47	<0.5	24	7.9	73.0	38.3	2.05	18
D64017 (350796)		<0.5	8.40	<1	290	0.8	<1	2.60	<0.5	20	9.0	71.6	11.2	2.49	20
D64018 (350797)		<0.5	8.49	<1	301	0.8	<1	2.61	<0.5	20	8.9	79.0	9.1	2.52	20
D64019 (350798)		<0.5	7.85	<1	335	1.3	<1	3.08	<0.5	32	10.1	84.3	67.1	2.60	19
D64020 (350799)		<0.5	3.82	<1	448	4.9	<1	7.86	<0.5	232	36.3	249	224	8.49	32
D64021 (350800)		0.8	6.50	<1	250	1.0	<1	3.03	<0.5	64	8.2	99.5	21.0	4.70	22
D64022 (350801)		<0.5	7.98	<1	186	1.2	<1	6.03	<0.5	22	28.3	181	12.2	6.81	27
D64023 (350802)		0.7	6.60	<1	287	1.0	<1	2.86	<0.5	53	6.9	89.4	45.7	4.80	23
D64024 (350803)		0.6	6.30	<1	280	1.1	<1	2.58	<0.5	50	6.1	92.2	6.8	4.71	22
D64025 (350804)		<0.5	7.67	<1	205	0.9	<1	3.45	<0.5	32	10.6	89.5	31.3	3.75	21
D64026 (350805)		<0.5	7.24	<1	143	<0.5	<1	6.96	<0.5	5	40.9	137	153	8.14	29
D64027 (350806)		<0.5	8.66	<1	184	0.7	<1	3.70	<0.5	19	11.7	101	40.8	2.86	21
D64028 (350807)		<0.5	8.05	<1	186	0.8	<1	3.82	<0.5	26	14.3	101	18.5	2.89	18
D64029 (350808)		<0.5	8.86	<1	196	0.7	<1	4.41	<0.5	23	15.3	110	8.7	3.57	23
D64030 (350809)		<0.5	7.90	<1	110	<0.5	<1	7.86	<0.5	10	41.6	164	116	7.29	27
D64031 (350810)		<0.5	7.81	<1	113	<0.5	<1	7.74	<0.5	9	40.7	146	111	7.08	27
D64032 (350811)		<0.5	0.07	<1	14	<0.5	<1	31.6	<0.5	<1	0.6	2.2	<0.5	0.12	<5

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T492766

PROJECT: AGAT00690

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 24, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D64033 (350812)		<0.5	6.71	<1	464	2.2	<1	7.12	<0.5	56	30.7	101	72.7	6.33	24
D64034 (350813)		<0.5	7.75	<1	156	0.9	<1	3.68	<0.5	18	13.1	106	11.8	3.08	19
D64035 (350814)		<0.5	7.89	<1	160	0.6	<1	3.81	<0.5	20	13.5	107	24.2	3.10	20
D64036 (350815)		<0.5	7.88	<1	148	0.6	<1	4.02	<0.5	19	14.9	115	65.7	3.21	21
D64037 (350816)		<0.5	7.42	<1	182	0.8	<1	3.62	<0.5	26	14.1	86.7	48.3	4.17	21
D64038 (350817)		<0.5	7.48	<1	184	0.7	<1	3.65	<0.5	24	14.5	82.9	48.4	4.13	23
D64039 (350818)		1.3	6.20	<1	166	1.4	<1	2.08	<0.5	21	9.5	150	15.0	2.80	18
D64040 (350819)		<0.5	8.26	<1	32	0.6	<1	4.23	<0.5	29	22.3	97.5	78.3	5.13	25
D64041 (350820)		<0.5	8.31	<1	225	1.2	<1	4.09	<0.5	25	20.0	175	116	4.25	20
D64042 (350821)		<0.5	8.14	<1	422	1.0	<1	3.71	<0.5	24	12.2	145	21.7	3.82	21
D64043 (350822)		<0.5	7.75	<1	265	1.1	<1	3.51	<0.5	26	11.6	134	30.1	3.71	21
D64044 (350823)		<0.5	8.29	2	176	1.7	<1	2.94	<0.5	25	2.9	71.9	51.1	0.97	15
D64045 (350824)		<0.5	7.13	3	231	1.4	<1	2.42	<0.5	50	5.7	113	59.5	1.87	14
D64046 (350825)		<0.5	7.13	3	82	<0.5	<1	7.26	<0.5	5	39.2	174	155	7.32	27
D64047 (350826)		<0.5	7.91	<1	663	0.9	<1	2.41	<0.5	150	20.6	99.1	203	6.79	32
D64048 (350827)		<0.5	8.16	<1	118	0.7	<1	3.99	<0.5	27	21.3	105	37.9	5.35	24
D64049 (350828)		<0.5	8.13	<1	196	5.5	<1	4.04	<0.5	26	20.8	90.0	70.0	5.16	24
D64050 (350829)		<0.5	8.41	<1	127	0.6	<1	4.24	<0.5	30	22.2	83.4	31.1	5.21	25
D64051 (350830)		<0.5	7.92	<1	75	0.6	<1	4.57	<0.5	29	20.8	90.7	130	4.99	24
D64052 (350831)		<0.5	0.08	<1	14	<0.5	<1	32.0	<0.5	<1	<0.5	4.8	<0.5	0.11	<5
D64053 (350832)		<0.5	8.36	<1	34	0.7	<1	4.59	<0.5	29	23.3	79.4	58.9	5.57	26
D64054 (350833)		<0.5	8.07	<1	28	0.7	<1	4.69	<0.5	28	21.6	90.0	41.9	4.93	23
D64055 (350834)		<0.5	7.85	<1	37	0.7	<1	4.75	<0.5	27	19.3	106	15.1	4.48	22
D64056 (350835)		<0.5	8.20	<1	60	2.4	<1	4.63	<0.5	28	21.6	88.1	78.3	5.31	24
D64057 (350836)		<0.5	8.29	<1	85	2.0	<1	4.40	<0.5	28	22.9	94.8	47.8	5.42	24
D64058 (350837)		<0.5	8.41	<1	88	1.7	<1	4.48	<0.5	29	23.3	109	49.3	5.57	25
D64059 (350838)		<0.5	8.49	<1	317	0.7	<1	4.70	<0.5	29	23.3	90.5	93.3	5.50	25
D64060 (350839)		<0.5	8.16	<1	126	1.0	<1	4.80	<0.5	29	22.5	104	31.8	5.29	23
D64061 (350840)		<0.5	7.91	<1	301	0.9	<1	4.95	<0.5	34	22.9	124	111	5.26	23
D64062 (350841)		<0.5	8.30	<1	142	0.6	<1	5.19	<0.5	28	22.3	89.8	35.0	5.26	26
D64063 (350842)		<0.5	8.28	<1	121	0.7	<1	5.29	<0.5	27	21.7	87.0	48.5	5.24	24
D64064 (350843)		<0.5	7.99	<1	175	0.6	<1	5.11	<0.5	27	21.0	92.1	33.5	4.98	24

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T492766

PROJECT: AGAT00690

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 14, 2019	DATE RECEIVED: Jul 15, 2019							DATE REPORTED: Jul 24, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D64065 (350844)	<0.5	8.27	<1	172	0.6	<1	5.31	<0.5	28	21.6	79.8	13.6	5.09	24	
D64066 (350845)	<0.5	7.50	<1	187	0.6	<1	6.41	<0.5	16	38.2	166	107	7.74	32	
D64067 (350846)	<0.5	8.19	<1	377	0.7	<1	4.62	<0.5	28	20.7	83.0	12.8	5.04	25	
D64068 (350847)	<0.5	8.28	<1	77	0.7	<1	5.05	<0.5	27	19.6	90.2	1.0	4.91	24	
D64069 (350848)	<0.5	8.42	<1	82	0.7	<1	5.13	<0.5	29	21.9	80.3	<0.5	5.06	24	
D64070 (350849)	<0.5	8.23	<1	112	0.6	<1	5.17	<0.5	27	20.2	87.7	<0.5	4.69	23	
D64071 (350850)	<0.5	8.45	<1	113	0.6	<1	5.25	<0.5	28	19.8	69.0	<0.5	4.77	23	
D64072 (350851)	<0.5	0.12	<1	19	<0.5	<1	33.1	<0.5	<1	<0.5	3.6	<0.5	0.09	<5	

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ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 14, 2019	DATE RECEIVED: Jul 15, 2019					DATE REPORTED: Jul 24, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D64001 (350780)	<1	0.67	11	16	1.62	649	7.0	3.20	45.2	521	<20	<50	0.06	2	
D64002 (350781)	<1	0.92	11	18	1.65	701	6.3	3.18	45.3	548	<20	<50	0.29	<1	
D64003 (350782)	<1	1.14	16	18	0.87	420	9.9	3.21	20.0	288	<20	<50	0.03	1	
D64004 (350783)	<1	1.46	15	25	1.35	311	7.6	3.15	21.2	492	<20	<50	0.03	1	
D64005 (350784)	<1	1.22	7	36	1.09	424	10.6	3.06	20.9	289	<20	<50	0.02	1	
D64006 (350785)	<1	0.45	9	10	4.27	1330	1.9	2.36	107	882	<20	<50	0.09	2	
D64007 (350786)	<1	1.07	10	26	1.29	516	7.4	3.29	31.4	430	<20	<50	0.03	<1	
D64008 (350787)	<1	1.02	10	28	1.44	510	8.4	3.33	30.6	457	<20	<50	0.02	<1	
D64009 (350788)	<1	0.96	13	19	1.03	326	8.1	3.41	23.3	460	<20	<50	0.08	<1	
D64010 (350789)	<1	0.95	10	19	1.33	383	9.1	3.70	32.7	397	<20	<50	0.02	<1	
D64011 (350790)	<1	1.95	54	32	11.5	1400	3.4	0.43	592	1820	<20	<50	0.18	1	
D64012 (350791)	<1	0.02	2	1	3.70	152	0.6	0.05	0.7	104	<20	<50	0.04	<1	
D64013 (350792)	<1	0.95	10	16	1.06	349	10.3	3.79	27.9	380	<20	<50	0.06	<1	
D64014 (350793)	<1	1.18	9	15	1.25	452	7.4	3.41	29.6	378	<20	<50	0.06	<1	
D64015 (350794)	<1	1.24	9	21	1.18	405	8.7	3.40	27.7	356	<20	<50	0.03	1	
D64016 (350795)	<1	1.16	13	16	0.84	284	8.7	3.50	20.8	302	<20	<50	0.04	<1	
D64017 (350796)	<1	1.42	10	20	1.19	414	8.5	3.35	23.3	353	<20	<50	0.02	1	
D64018 (350797)	<1	1.45	11	20	1.21	420	8.2	3.41	23.4	358	<20	<50	0.02	<1	
D64019 (350798)	<1	1.21	16	14	1.08	444	7.9	3.71	23.8	552	<20	<50	0.09	<1	
D64020 (350799)	<1	1.84	114	53	4.86	2430	5.8	1.28	137	3150	<20	<50	0.33	1	
D64021 (350800)	<1	1.16	28	26	1.43	686	9.6	2.55	12.5	972	<20	<50	0.04	<1	
D64022 (350801)	<1	0.83	10	18	3.59	1140	5.0	2.33	57.4	773	<20	<50	0.02	<1	
D64023 (350802)	<1	0.91	22	14	0.63	781	10.6	2.33	3.8	902	<20	<50	0.06	<1	
D64024 (350803)	<1	0.95	21	14	0.61	672	10.9	2.37	3.6	842	<20	<50	0.02	<1	
D64025 (350804)	<1	0.98	14	21	1.28	697	9.6	2.76	23.8	556	<20	<50	0.04	2	
D64026 (350805)	<1	0.21	3	13	4.36	1420	1.8	2.36	88.2	426	<20	<50	0.17	<1	
D64027 (350806)	<1	0.93	9	22	1.36	557	8.7	3.15	32.6	441	<20	<50	0.05	2	
D64028 (350807)	<1	0.83	13	19	1.40	604	7.7	3.12	40.3	500	<20	<50	0.04	<1	
D64029 (350808)	<1	0.85	12	22	1.78	750	8.6	3.06	47.8	490	<20	<50	0.02	1	
D64030 (350809)	<1	0.42	6	5	4.38	1330	5.8	1.52	91.2	257	<20	<50	0.09	3	
D64031 (350810)	<1	0.45	6	5	4.38	1290	6.1	1.48	91.4	238	<20	<50	0.09	1	
D64032 (350811)	<1	0.02	2	<1	2.96	142	<0.5	0.04	<0.5	68	<20	<50	0.06	<1	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T492766

PROJECT: AGAT00690

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 24, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D64033 (350812)		<1	2.72	28	10	3.53	1170	4.1	1.73	75.0	191	<20	<50	0.07	1
D64034 (350813)		<1	0.85	9	20	1.39	630	8.5	2.99	40.6	614	<20	<50	0.03	<1
D64035 (350814)		<1	0.87	10	23	1.42	636	8.3	2.70	39.4	428	<20	<50	0.03	<1
D64036 (350815)		<1	0.83	10	24	1.44	668	10.1	2.63	41.5	438	<20	<50	0.05	1
D64037 (350816)		<1	1.08	12	25	1.33	685	8.4	2.32	20.7	631	<20	<50	0.05	1
D64038 (350817)		<1	1.11	12	25	1.33	681	8.6	2.39	20.7	609	<20	<50	0.05	<1
D64039 (350818)		<1	1.39	10	33	0.87	457	16.6	2.34	23.9	313	<20	<50	0.02	<1
D64040 (350819)		<1	0.53	13	21	2.32	710	7.5	3.19	56.7	761	<20	<50	0.02	<1
D64041 (350820)		<1	0.90	12	19	2.37	783	34.3	3.16	83.2	620	<20	<50	0.08	<1
D64042 (350821)		<1	0.92	12	16	1.06	871	11.2	2.74	32.2	615	<20	<50	0.02	<1
D64043 (350822)		<1	0.97	12	16	1.04	879	11.6	2.66	26.1	602	<20	<50	0.03	<1
D64044 (350823)		<1	0.66	13	7	0.23	222	12.0	3.48	5.6	294	<20	<50	0.04	<1
D64045 (350824)		<1	1.06	25	13	0.55	331	15.0	2.76	7.9	463	<20	<50	0.05	<1
D64046 (350825)		<1	0.25	3	14	4.32	1300	1.6	1.67	98.1	357	<20	<50	0.22	<1
D64047 (350826)		<1	2.73	77	40	2.02	881	9.8	2.12	28.7	1700	<20	<50	0.15	<1
D64048 (350827)		<1	1.41	13	27	2.34	796	8.5	2.76	56.1	740	<20	<50	0.03	<1
D64049 (350828)		<1	1.14	13	37	2.20	749	6.4	3.49	55.3	713	<20	<50	0.04	2
D64050 (350829)		<1	0.49	14	22	2.36	785	6.8	3.40	57.3	795	<20	<50	0.02	<1
D64051 (350830)		<1	0.22	14	17	2.17	774	7.3	3.07	53.9	769	<20	<50	0.03	<1
D64052 (350831)		<1	0.02	2	<1	2.01	125	0.8	0.05	<0.5	81	<20	<50	0.06	1
D64053 (350832)		<1	0.23	14	18	2.37	804	6.2	3.53	62.2	769	<20	<50	0.02	1
D64054 (350833)		<1	0.26	13	20	2.14	688	7.2	3.22	56.5	759	<20	<50	0.02	<1
D64055 (350834)		<1	0.27	14	15	1.84	620	9.6	2.93	50.3	550	<20	<50	0.01	<1
D64056 (350835)		<1	0.39	13	21	2.22	807	7.4	3.44	55.2	745	<20	<50	0.02	<1
D64057 (350836)		<1	0.49	13	30	2.38	808	7.6	3.41	58.5	805	<20	<50	0.02	<1
D64058 (350837)		<1	0.51	14	33	2.42	815	8.4	3.49	60.7	804	<20	<50	0.02	1
D64059 (350838)		<1	0.57	13	27	2.59	734	6.6	3.38	62.5	846	<20	<50	0.05	<1
D64060 (350839)		<1	0.46	13	18	2.43	763	7.1	3.19	62.6	785	<20	<50	0.02	1
D64061 (350840)		<1	0.66	16	19	2.74	757	6.5	2.79	57.6	902	<20	<50	0.06	2
D64062 (350841)		<1	0.49	13	16	2.42	708	7.3	2.88	60.3	738	<20	<50	0.02	<1
D64063 (350842)		<1	0.38	12	16	2.40	743	6.4	2.85	57.2	738	<20	<50	0.02	<1
D64064 (350843)		<1	0.35	13	15	2.19	698	7.4	2.84	56.9	674	<20	<50	0.02	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T492766

PROJECT: AGAT00690

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 24, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Rb ppm	S %	Sb ppm
D64065 (350844)		<1	0.37	13	16	2.30	700	6.6	2.98	58.0	764	<20	<50	0.02	<1
D64066 (350845)		<1	0.46	9	11	4.33	1340	1.9	2.40	108	894	<20	<50	0.10	<1
D64067 (350846)		<1	0.65	13	32	2.31	595	6.1	3.14	58.7	738	<20	<50	0.02	<1
D64068 (350847)		<1	0.31	13	26	2.39	580	7.1	3.24	55.5	792	<20	<50	0.01	<1
D64069 (350848)		<1	0.26	13	19	2.45	673	5.8	3.24	59.2	780	<20	<50	0.01	1
D64070 (350849)		<1	0.32	13	13	2.30	587	6.7	3.14	58.8	733	<20	<50	0.01	2
D64071 (350850)		<1	0.43	13	10	2.34	587	5.0	3.23	57.8	750	<20	<50	0.01	<1
D64072 (350851)		<1	0.02	2	<1	1.58	114	0.5	0.06	<0.5	91	<20	<50	0.07	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T492766

PROJECT: AGAT00690

5623 McADAM ROAD  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 24, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D64001 (350780)	19	<10	<5	282	<10	<10	<5	0.34	<5	<50	132	<1	13	62.8
D64002 (350781)	20	<10	<5	242	<10	<10	<5	0.35	<5	<50	134	<1	14	73.0
D64003 (350782)	7	<10	<5	234	<10	<10	<5	0.24	<5	<50	72.9	<1	5	83.7
D64004 (350783)	9	<10	<5	270	<10	<10	<5	0.24	<5	<50	59.8	<1	7	63.8
D64005 (350784)	9	<10	<5	213	<10	<10	<5	0.20	<5	<50	55.2	<1	7	66.9
D64006 (350785)	35	<10	<5	246	<10	<10	<5	0.84	<5	<50	243	<1	22	88.3
D64007 (350786)	11	<10	<5	230	<10	<10	<5	0.27	<5	<50	74.1	<1	9	66.1
D64008 (350787)	11	<10	<5	247	<10	<10	<5	0.28	<5	<50	76.2	<1	8	79.4
D64009 (350788)	7	<10	<5	318	<10	<10	<5	0.21	<5	<50	55.6	<1	6	63.2
D64010 (350789)	9	<10	<5	271	<10	<10	<5	0.24	<5	<50	65.9	<1	6	62.7
D64011 (350790)	20	<10	<5	628	<10	<10	<5	1.76	<5	<50	258	<1	16	115
D64012 (350791)	<1	<10	<5	64	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	2.7
D64013 (350792)	9	<10	<5	260	<10	<10	<5	0.23	<5	<50	59.7	<1	6	57.5
D64014 (350793)	9	<10	<5	238	<10	<10	<5	0.20	<5	<50	60.0	<1	7	53.4
D64015 (350794)	9	<10	<5	220	<10	<10	<5	0.22	<5	<50	61.8	<1	6	68.9
D64016 (350795)	7	<10	<5	223	<10	<10	<5	0.18	<5	<50	46.4	<1	4	47.7
D64017 (350796)	8	<10	<5	234	<10	<10	<5	0.22	<5	<50	61.2	<1	4	59.4
D64018 (350797)	8	<10	<5	238	<10	<10	<5	0.23	<5	<50	61.2	<1	4	62.5
D64019 (350798)	8	<10	<5	322	<10	<10	<5	0.26	<5	<50	63.2	<1	8	39.6
D64020 (350799)	20	<10	<5	558	<10	<10	<5	1.30	<5	<50	213	<1	33	159
D64021 (350800)	16	<10	<5	236	<10	<10	<5	0.49	<5	<50	34.5	<1	39	112
D64022 (350801)	33	<10	<5	243	<10	<10	<5	0.52	<5	<50	205	<1	20	117
D64023 (350802)	17	<10	<5	159	<10	<10	<5	0.38	<5	<50	19.9	<1	46	84.7
D64024 (350803)	15	<10	<5	134	<10	<10	<5	0.27	<5	<50	19.5	<1	42	59.4
D64025 (350804)	11	<10	<5	201	<10	<10	<5	0.26	<5	<50	51.2	<1	15	69.8
D64026 (350805)	47	<10	<5	112	<10	<10	<5	0.68	<5	<50	318	<1	23	78.9
D64027 (350806)	10	<10	<5	236	<10	<10	<5	0.24	<5	<50	70.6	<1	7	59.2
D64028 (350807)	10	<10	<5	237	<10	<10	<5	0.23	<5	<50	70.8	<1	7	62.2
D64029 (350808)	12	<10	<5	244	<10	<10	<5	0.29	<5	<50	82.0	<1	8	84.6
D64030 (350809)	41	<10	<5	122	<10	<10	<5	0.40	<5	<50	244	<1	17	72.9
D64031 (350810)	41	<10	<5	118	<10	<10	<5	0.39	<5	<50	235	<1	16	69.2
D64032 (350811)	<1	<10	<5	66	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	3.1

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T492766

PROJECT: AGAT00690

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 24, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D64033 (350812)	33	<10	<5	239	<10	<10	<5	0.28	<5	<50	170	<1	18	74.3
D64034 (350813)	13	<10	<5	206	<10	<10	<5	0.23	<5	<50	74.3	<1	7	82.7
D64035 (350814)	11	<10	<5	199	<10	<10	<5	0.25	<5	<50	72.7	<1	8	71.5
D64036 (350815)	11	<10	<5	196	<10	<10	<5	0.26	<5	<50	73.5	<1	8	64.2
D64037 (350816)	15	<10	<5	165	<10	<10	<5	0.38	<5	<50	106	<1	15	82.9
D64038 (350817)	15	<10	<5	168	<10	<10	<5	0.38	<5	<50	104	<1	14	83.8
D64039 (350818)	9	<10	<5	132	<10	<10	<5	0.27	<5	<50	59.3	<1	6	70.7
D64040 (350819)	21	<10	<5	333	<10	<10	<5	0.45	<5	<50	143	<1	18	55.8
D64041 (350820)	16	<10	<5	340	<10	<10	<5	0.43	<5	<50	105	<1	13	66.1
D64042 (350821)	12	<10	<5	96	<10	<10	<5	0.32	<5	<50	74.5	<1	13	82.6
D64043 (350822)	11	<10	<5	135	<10	<10	<5	0.32	<5	<50	68.8	<1	13	72.2
D64044 (350823)	2	<10	<5	215	<10	<10	<5	0.08	<5	<50	13.1	<1	5	17.8
D64045 (350824)	4	<10	<5	171	<10	<10	10	0.18	<5	<50	29.3	<1	6	35.7
D64046 (350825)	43	<10	<5	170	<10	<10	<5	0.58	<5	<50	280	<1	20	72.2
D64047 (350826)	16	<10	<5	147	<10	<10	24	0.77	<5	<50	119	<1	20	118
D64048 (350827)	21	<10	<5	262	<10	<10	<5	0.46	<5	<50	142	<1	18	69.9
D64049 (350828)	27	<10	<5	307	<10	<10	<5	0.42	<5	<50	160	<1	18	65.6
D64050 (350829)	21	<10	<5	264	<10	<10	<5	0.46	<5	<50	145	<1	18	64.2
D64051 (350830)	20	<10	<5	250	<10	<10	<5	0.47	<5	<50	137	<1	17	64.1
D64052 (350831)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	2.6
D64053 (350832)	22	<10	<5	273	<10	<10	<5	0.49	<5	<50	148	<1	19	69.2
D64054 (350833)	20	<10	<5	238	<10	<10	<5	0.41	<5	<50	134	<1	18	56.7
D64055 (350834)	18	<10	<5	224	<10	<10	<5	0.38	<5	<50	123	<1	15	50.5
D64056 (350835)	24	<10	<5	264	<10	<10	<5	0.44	<5	<50	153	<1	18	70.1
D64057 (350836)	23	<10	<5	287	<10	<10	<5	0.46	<5	<50	150	<1	18	68.4
D64058 (350837)	24	<10	<5	290	<10	<10	<5	0.48	<5	<50	157	<1	19	68.7
D64059 (350838)	22	<10	<5	305	<10	<10	<5	0.49	<5	<50	151	<1	18	66.3
D64060 (350839)	21	<10	<5	347	<10	<10	<5	0.46	<5	<50	144	<1	18	72.1
D64061 (350840)	22	<10	<5	373	<10	<10	<5	0.45	<5	<50	151	<1	19	61.5
D64062 (350841)	21	<10	<5	323	<10	<10	<5	0.46	<5	<50	148	<1	18	58.2
D64063 (350842)	21	<10	<5	359	<10	<10	<5	0.45	<5	<50	143	<1	18	58.9
D64064 (350843)	21	<10	<5	318	<10	<10	<5	0.44	<5	<50	140	<1	17	57.3

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T492766

PROJECT: AGAT00690

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 24, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D64065 (350844)	21	<10	<5	302	<10	<10	<5	0.44	<5	<50	143	<1	18	53.9
D64066 (350845)	35	<10	<5	250	<10	<10	<5	0.85	<5	<50	243	<1	23	89.1
D64067 (350846)	21	<10	<5	342	<10	<10	<5	0.46	<5	<50	143	<1	17	46.9
D64068 (350847)	21	<10	<5	339	<10	<10	<5	0.44	<5	<50	142	<1	18	47.7
D64069 (350848)	22	<10	<5	335	<10	<10	<5	0.47	<5	<50	148	<1	18	50.3
D64070 (350849)	21	<10	<5	283	<10	<10	<5	0.45	<5	<50	143	<1	18	34.3
D64071 (350850)	21	<10	<5	281	<10	<10	<5	0.45	<5	<50	143	<1	18	32.6
D64072 (350851)	<1	<10	<5	75	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	2.8

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T492766

PROJECT: AGAT00690

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 24, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D64001 (350780)				49
D64002 (350781)				49
D64003 (350782)				169
D64004 (350783)				107
D64005 (350784)				89
D64006 (350785)				93
D64007 (350786)				85
D64008 (350787)				84
D64009 (350788)				91
D64010 (350789)				77
D64011 (350790)				174
D64012 (350791)				<5
D64013 (350792)				80
D64014 (350793)				70
D64015 (350794)				77
D64016 (350795)				95
D64017 (350796)				88
D64018 (350797)				85
D64019 (350798)				100
D64020 (350799)				195
D64021 (350800)				248
D64022 (350801)				29
D64023 (350802)				198
D64024 (350803)				191
D64025 (350804)				132
D64026 (350805)				58
D64027 (350806)				85
D64028 (350807)				85
D64029 (350808)				90
D64030 (350809)				53
D64031 (350810)				51
D64032 (350811)				<5

Certified By:



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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 24, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D64033 (350812)				86
D64034 (350813)				82
D64035 (350814)				87
D64036 (350815)				67
D64037 (350816)				140
D64038 (350817)				131
D64039 (350818)				244
D64040 (350819)				113
D64041 (350820)				81
D64042 (350821)				79
D64043 (350822)				88
D64044 (350823)				44
D64045 (350824)				100
D64046 (350825)				51
D64047 (350826)				186
D64048 (350827)				110
D64049 (350828)				122
D64050 (350829)				117
D64051 (350830)				76
D64052 (350831)				<5
D64053 (350832)				97
D64054 (350833)				72
D64055 (350834)				70
D64056 (350835)				115
D64057 (350836)				95
D64058 (350837)				101
D64059 (350838)				71
D64060 (350839)				105
D64061 (350840)				102
D64062 (350841)				99
D64063 (350842)				78
D64064 (350843)				105

Certified By:



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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 24, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
Sample ID (AGAT ID)	RDL:
	5
D64065 (350844)	92
D64066 (350845)	95
D64067 (350846)	62
D64068 (350847)	97
D64069 (350848)	89
D64070 (350849)	87
D64071 (350850)	71
D64072 (350851)	<5

Comments: RDL - Reported Detection Limit

350780-350851 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T492766

PROJECT: AGAT00690

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 24, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D64001 (350780)		0.001	
D64002 (350781)		0.002	
D64003 (350782)		<0.001	
D64004 (350783)		<0.001	
D64005 (350784)		<0.001	
D64006 (350785)		0.337	
D64007 (350786)		0.002	
D64008 (350787)		0.001	
D64009 (350788)		0.001	
D64010 (350789)		0.001	
D64011 (350790)		0.002	
D64012 (350791)		0.001	
D64013 (350792)		0.001	
D64014 (350793)		0.001	
D64015 (350794)		0.001	
D64016 (350795)		0.003	
D64017 (350796)		<0.001	
D64018 (350797)		<0.001	
D64019 (350798)		<0.001	
D64020 (350799)		0.002	
D64021 (350800)		0.003	
D64022 (350801)		0.013	
D64023 (350802)		0.002	
D64024 (350803)		0.002	
D64025 (350804)		0.002	
D64026 (350805)		0.519	
D64027 (350806)		0.002	
D64028 (350807)		0.002	
D64029 (350808)		0.001	
D64030 (350809)		0.003	
D64031 (350810)		0.004	
D64032 (350811)		<0.001	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T492766

PROJECT: AGAT00690

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 24, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D64033 (350812)			0.005
D64034 (350813)			0.004
D64035 (350814)			0.002
D64036 (350815)			0.003
D64037 (350816)			0.002
D64038 (350817)			0.001
D64039 (350818)			0.001
D64040 (350819)			0.007
D64041 (350820)			0.001
D64042 (350821)			0.002
D64043 (350822)			0.001
D64044 (350823)			<0.001
D64045 (350824)			<0.001
D64046 (350825)			1.26
D64047 (350826)			0.003
D64048 (350827)			0.002
D64049 (350828)			0.002
D64050 (350829)			0.002
D64051 (350830)			0.001
D64052 (350831)			<0.001
D64053 (350832)			0.002
D64054 (350833)			0.002
D64055 (350834)			0.001
D64056 (350835)			0.002
D64057 (350836)			0.002
D64058 (350837)			0.002
D64059 (350838)			0.004
D64060 (350839)			0.002
D64061 (350840)			0.003
D64062 (350841)			0.001
D64063 (350842)			0.002
D64064 (350843)			0.001

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T492766

PROJECT: AGAT00690

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 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 24, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D64065 (350844)			0.001
D64066 (350845)			0.337
D64067 (350846)			0.001
D64068 (350847)			<0.001
D64069 (350848)			<0.001
D64070 (350849)			<0.001
D64071 (350850)			<0.001
D64072 (350851)			<0.001

 Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T492766

PROJECT: AGAT00690

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 24, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D64001 (350780)		81.44
D64020 (350799)		80.71
D64040 (350819)		82.41
D64060 (350839)		78.82

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T492766

PROJECT: AGAT00690

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 24, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D64001 (350780)		86.84
D64041 (350820)		86.14

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	350780	< 0.5	< 0.5	0.0%	350794	< 0.5	< 0.5	0.0%	350804	0.4	0.5	22.2%	350819	< 0.5	< 0.5	0.0%
Al	350780	8.95	9.09	1.6%	350794	8.22	8.36	1.7%	350804	7.67	7.67	0.0%	350819	8.26	8.20	0.7%
As	350780	< 1	< 1	0.0%	350794	< 1	< 1	0.0%	350804	< 1	< 1	0.0%	350819	< 1	< 1	0.0%
Ba	350780	200	205	2.5%	350794	203	204	0.5%	350804	205	206	0.5%	350819	32	33	3.1%
Be	350780	0.6	0.6	0.0%	350794	0.8	0.8	0.0%	350804	0.9	0.9	0.0%	350819	0.62	0.65	4.7%
Bi	350780	< 1	< 1	0.0%	350794	< 1	< 1	0.0%	350804	< 1	< 1	0.0%	350819	< 1	< 1	0.0%
Ca	350780	5.97	5.22	13.4%	350794	2.86	2.91	1.7%	350804	3.45	3.26	5.7%	350819	4.23	4.29	1.4%
Cd	350780	< 0.5	< 0.5	0.0%	350794	< 0.5	< 0.5	0.0%	350804	< 0.5	< 0.5	0.0%	350819	< 0.5	< 0.5	0.0%
Ce	350780	21	21	0.0%	350794	18	19	5.4%	350804	32	34	6.1%	350819	29	28	3.5%
Co	350780	18.5	19.1	3.2%	350794	10.5	10.5	0.0%	350804	10.6	10.5	0.9%	350819	22.3	21.7	2.7%
Cr	350780	89.8	90.7	1.0%	350794	90.2	88.6	1.8%	350804	89.5	81.4	9.5%	350819	97.5	92.9	4.8%
Cu	350780	60.5	64.8	6.9%	350794	25.9	25.4	1.9%	350804	31.3	26.0	18.5%	350819	78.3	79.9	2.0%
Fe	350780	4.27	4.35	1.9%	350794	2.66	2.70	1.5%	350804	3.75	3.64	3.0%	350819	5.13	5.25	2.3%
Ga	350780	22	22	0.0%	350794	19	19	0.0%	350804	21	21	0.0%	350819	25	24	4.1%
In	350780	< 1	< 1	0.0%	350794	< 1	< 1	0.0%	350804	< 1	< 1	0.0%	350819	< 1	< 1	0.0%
K	350780	0.673	0.687	2.1%	350794	1.24	1.26	1.6%	350804	0.98	0.99	1.0%	350819	0.527	0.522	1.0%
La	350780	11	11	0.0%	350794	9	10	10.5%	350804	14	15	6.9%	350819	13	13	0.0%
Li	350780	16	16	0.0%	350794	21	21	0.0%	350804	21	21	0.0%	350819	21	21	0.0%
Mg	350780	1.62	1.57	3.1%	350794	1.18	1.19	0.8%	350804	1.28	1.21	5.6%	350819	2.32	2.32	0.0%
Mn	350780	649	652	0.5%	350794	405	410	1.2%	350804	697	647	7.4%	350819	710	709	0.1%
Mo	350780	6.98	7.97	13.2%	350794	8.74	8.75	0.1%	350804	9.6	8.8	8.7%	350819	7.5	7.5	0.0%
Na	350780	3.20	3.29	2.8%	350794	3.40	3.47	2.0%	350804	2.76	2.73	1.1%	350819	3.19	3.25	1.9%
Ni	350780	45.2	46.2	2.2%	350794	27.7	28.1	1.4%	350804	23.8	21.7	9.2%	350819	56.7	57.1	0.7%
P	350780	521	517	0.8%	350794	356	367	3.0%	350804	556	573	3.0%	350819	761	777	2.1%
Pb	350780	< 20	< 20	0.0%	350794	< 20	< 20	0.0%	350804	< 20	< 20	0.0%	350819	< 20	< 20	0.0%
Rb	350780	< 50	< 50	0.0%	350794	< 50	< 50	0.0%	350804	< 50	< 50	0.0%	350819	< 50	< 50	0.0%
S	350780	0.062	0.067	7.8%	350794	0.03	0.03	0.0%	350804	0.037	0.031	17.6%	350819	0.02	0.02	0.0%
Sb	350780	2	< 1		350794	1	< 1		350804	2	< 1		350819	< 1	< 1	0.0%
Sc	350780	19	20	5.1%	350794	9	9	0.0%	350804	11	12	8.7%	350819	21	21	0.0%
Se	350780	< 10	< 10	0.0%	350794	< 10	< 10	0.0%	350804	< 10	< 10	0.0%	350819	< 10	< 10	0.0%
Sn	350780	< 5	< 5	0.0%	350794	< 5	< 5	0.0%	350804	< 5	< 5	0.0%	350819	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	350780	282	288	2.1%	350794	220	225	2.2%	350804	201	197	2.0%	350819	333	338	1.5%
Ta	350780	< 10	< 10	0.0%	350794	< 10	< 10	0.0%	350804	< 10	< 10	0.0%	350819	< 10	< 10	0.0%
Te	350780	< 10	< 10	0.0%	350794	< 10	< 10	0.0%	350804	< 10	< 10	0.0%	350819	< 10	< 10	0.0%
Th	350780	< 5	< 5	0.0%	350794	< 5	< 5	0.0%	350804	< 5	< 5	0.0%	350819	< 5	< 5	0.0%
Ti	350780	0.34	0.34	0.0%	350794	0.224	0.228	1.8%	350804	0.26	0.26	0.0%	350819	0.45	0.46	2.2%
Tl	350780	< 5	< 5	0.0%	350794	< 5	< 5	0.0%	350804	< 5	< 5	0.0%	350819	< 5	< 5	0.0%
U	350780	< 50	< 50	0.0%	350794	< 50	< 50	0.0%	350804	< 50	< 50	0.0%	350819	< 50	< 50	0.0%
V	350780	132	135	2.2%	350794	61.8	62.9	1.8%	350804	51.2	49.1	4.2%	350819	143	144	0.7%
W	350780	< 1	< 1	0.0%	350794	< 1	< 1	0.0%	350804	< 1	< 1	0.0%	350819	< 1	< 1	0.0%
Y	350780	13	13	0.0%	350794	6	6	0.0%	350804	15	17	12.5%	350819	18	18	0.0%
Zn	350780	62.8	64.4	2.5%	350794	68.9	69.9	1.4%	350804	69.8	65.5	6.4%	350819	55.8	57.1	2.3%
Zr	350780	49	50	2.0%	350794	77	82	6.3%	350804	132	147	10.8%	350819	113	115	1.8%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	350830	< 0.5	< 0.5	0.0%	350844	< 0.5	< 0.5	0.0%								
Al	350830	7.92	7.69	2.9%	350844	8.27	8.20	0.9%								
As	350830	< 1	< 1	0.0%	350844	< 1	< 1	0.0%								
Ba	350830	75	72	4.1%	350844	172	169	1.8%								
Be	350830	0.6	0.6	0.0%	350844	0.6	0.6	0.0%								
Bi	350830	< 1	< 1	0.0%	350844	< 1	< 1	0.0%								
Ca	350830	4.57	4.43	3.1%	350844	5.31	5.23	1.5%								
Cd	350830	< 0.5	< 0.5	0.0%	350844	< 0.5	< 0.5	0.0%								
Ce	350830	29	29	0.0%	350844	28	28	0.0%								
Co	350830	20.8	19.9	4.4%	350844	21.6	20.9	3.3%								
Cr	350830	90.7	96.5	6.2%	350844	79.8	79.3	0.6%								
Cu	350830	130	115	12.2%	350844	13.6	13.5	0.7%								
Fe	350830	4.99	4.89	2.0%	350844	5.09	5.02	1.4%								
Ga	350830	24	22	8.7%	350844	24	23	4.3%								
In	350830	< 1	< 1	0.0%	350844	< 1	< 1	0.0%								
K	350830	0.222	0.212	4.6%	350844	0.37	0.37	0.0%								
La	350830	14	13	7.4%	350844	13	13	0.0%								
Li	350830	17	16	6.1%	350844	16	17	6.1%								
Mg	350830	2.17	2.10	3.3%	350844	2.30	2.28	0.9%								
Mn	350830	774	750	3.1%	350844	700	696	0.6%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	350830	7.3	7.0	4.2%	350844	6.6	6.4	3.1%								
Na	350830	3.07	3.08	0.3%	350844	2.98	2.92	2.0%								
Ni	350830	53.9	51.8	4.0%	350844	58.0	56.0	3.5%								
P	350830	769	741	3.7%	350844	764	739	3.3%								
Pb	350830	< 20	< 20	0.0%	350844	< 20	< 20	0.0%								
Rb	350830	< 50	< 50	0.0%	350844	< 50	< 50	0.0%								
S	350830	0.03	0.03	0.0%	350844	0.02	0.02	0.0%								
Sb	350830	< 1	1		350844	< 1	1									
Sc	350830	20	20	0.0%	350844	21	21	0.0%								
Se	350830	< 10	< 10	0.0%	350844	< 10	< 10	0.0%								
Sn	350830	< 5	< 5	0.0%	350844	< 5	< 5	0.0%								
Sr	350830	250	250	0.0%	350844	302	296	2.0%								
Ta	350830	< 10	< 10	0.0%	350844	< 10	< 10	0.0%								
Te	350830	< 10	< 10	0.0%	350844	< 10	< 10	0.0%								
Th	350830	< 5	< 5	0.0%	350844	< 5	< 5	0.0%								
Ti	350830	0.466	0.458	1.7%	350844	0.44	0.44	0.0%								
Tl	350830	< 5	< 5	0.0%	350844	< 5	< 5	0.0%								
U	350830	< 50	< 50	0.0%	350844	< 50	< 50	0.0%								
V	350830	137	133	3.0%	350844	143	141	1.4%								
W	350830	< 1	< 1	0.0%	350844	< 1	< 1	0.0%								
Y	350830	17	17	0.0%	350844	18	17	5.7%								
Zn	350830	64.1	62.9	1.9%	350844	53.9	59.2	9.4%								
Zr	350830	76	81	6.4%	350844	92	99	7.3%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	350780	0.0014	0.0016	13.3%	350794	0.001	0.001	0.0%	350804	0.002	< 0.001		350819	0.007	0.007	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	350830	0.001	0.001	0.0%	350844	0.001	0.001	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GSP5G)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS5W)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	2.97	98%	90% - 110%
Al	10.95	10.82	99%	90% - 110%	8.17	8.29	101%	90% - 110%	6.96	6.86	99%	90% - 110%	4.75	4.79	101%	90% - 110%
As					26	24	92%	90% - 110%	124	121	97%	90% - 110%				
Ba	340	319	94%	90% - 110%	540	529	98%	90% - 110%	186	180	97%	90% - 110%	216	204	94%	90% - 110%
Be	2.6	2.7	104%	90% - 110%	4.0	3.4	84%	90% - 110%								
Ca	5.72	5.64	99%	90% - 110%	0.907	0.908	100%	90% - 110%	4.01	3.9	97%	90% - 110%	10	9	91%	90% - 110%
Ce	122	114	93%	90% - 110%	98	99	101%	90% - 110%	24	22	91%	90% - 110%				
Co									22.1	20.9	95%	90% - 110%	191	176	92%	90% - 110%
Cr					60.3	64.4	107%	90% - 110%					670	604	90%	90% - 110%
Cu					150	152	102%	90% - 110%	88.6	84.2	95%	90% - 110%	7120	7323	103%	90% - 110%
Fe	4.34	4.02	93%	90% - 110%	3.77	3.74	99%	90% - 110%	7.56	7.25	96%	90% - 110%	12.71	11.71	92%	90% - 110%
Ga	35	36	103%	90% - 110%												
K	1.37	1.46	107%	90% - 110%					2.021	2.117	105%	90% - 110%	0.1021	0.1086	106%	90% - 110%
La	58	56	96%	90% - 110%	44	44	101%	90% - 110%					8.47	8.1	96%	90% - 110%
Li	37	39	105%	90% - 110%	47	48	103%	90% - 110%								
Mg	0.325	0.296	91%	90% - 110%	1.10	1.11	101%	90% - 110%	2.412	2.42	100%	90% - 110%	7.41	7.24	98%	90% - 110%
Mn					780	770	99%	90% - 110%	1510	1447	96%	90% - 110%				
Mo					14	14	98%	90% - 110%					2.49	3.01	120%	90% - 110%
Na	5.267	5.453	104%	90% - 110%	1.624	1.71	105%	90% - 110%	0.617	0.622	101%	90% - 110%	0.112	0.121	108%	90% - 110%
Ni					32	33	104%	90% - 110%	77.1	70	91%	90% - 110%	2480	2270	91%	90% - 110%
P					750	759	101%	90% - 110%	892	863	97%	90% - 110%	731	719	98%	90% - 110%
Pb	10	9	90%	90% - 110%	31	29	95%	90% - 110%								
S									0.348	0.353	101%	90% - 110%				
Sc	1.1	1.1	96%	90% - 110%	12	13	109%	90% - 110%					21.33	21.96	103%	90% - 110%
Sr	1191	1149	96%	90% - 110%	144	151	105%	90% - 110%	92.8	87.6	94%	90% - 110%	39	38	97%	90% - 110%
Ti	0.172	0.159	92%	90% - 110%	0.53	0.48	91%	90% - 110%					0.419	0.397	95%	90% - 110%
V	8	8	103%	90% - 110%	77	83	108%	90% - 110%					158	169	107%	90% - 110%
Y	119	127	107%	90% - 110%									12.67	13.39	106%	90% - 110%
Zn	93	91	98%	90% - 110%	130	125	96%	90% - 110%	208	205	99%	90% - 110%	112	107	95%	90% - 110%
Zr													35.7	38.5	108%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GSP5G)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS5W)				CRM #4 (ref.1P5R)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.562	0.522	93%	90% - 110%	0.725	0.674	93%	90% - 110%	5.27	5.24	99%	90% - 110%	1.81	1.83	101%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00690  
 SAMPLING SITE:

AGAT WORK ORDER: 19T492766  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE



CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00692

AGAT WORK ORDER: 19T492779

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jul 30, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T492779

PROJECT: AGAT00692

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D63199 (351143)		3.82
D63200 (351144)		0.75
D63201 (351145)		2.78
D63202 (351146)		3.49
D63203 (351147)		3.77
D63204 (351148)		3.79
D63205 (351149)		3.56
D63206 (351150)		0.07
D63207 (351151)		3.60
D63208 (351152)		3.00
D63209 (351153)		0.77
D63210 (351154)		3.26
D63211 (351155)		0.70
D63212 (351156)		0.60
D63213 (351157)		3.60
D63214 (351158)		3.65
D63215 (351159)		1.29
D63216 (351160)		2.33
D63217 (351161)		2.49
D63218 (351162)		2.49
D63219 (351163)		3.80
D63220 (351164)		2.49
D63221 (351165)		3.85
D63222 (351166)		2.91
D63223 (351167)		1.16
D63224 (351168)		1.58
D63225 (351169)		1.89
D63226 (351170)		0.07
D63227 (351171)		1.47
D63228 (351172)		0.75
D63229 (351173)		1.16

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T492779

PROJECT: AGAT00692

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D63230 (351174)		3.74
D63231 (351175)		3.54
D63232 (351176)		0.57
D63233 (351177)		0.93
D63234 (351178)		3.19
D63235 (351179)		1.54
D63236 (351180)		1.02
D63237 (351181)		2.26
D63238 (351182)		2.26
D63239 (351183)		0.81
D63240 (351184)		3.23
D63241 (351185)		1.67
D63242 (351186)		2.03
D63243 (351187)		2.40
D63244 (351188)		3.71
D63245 (351189)		2.02
D63246 (351190)		0.07
D63247 (351191)		1.36
D63248 (351192)		3.21
D63249 (351193)		0.79
D63250 (351194)		2.44
D63251 (351195)		0.91
D63252 (351196)		0.59
D63253 (351197)		2.04
D63254 (351198)		3.77
D63255 (351199)		2.48
D63256 (351200)		3.34
D63257 (351201)		3.94
D63258 (351202)		3.94
D63259 (351203)		3.74
D63260 (351204)		1.78

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T492779

PROJECT: AGAT00692

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D63261 (351205)		2.27
D63262 (351206)		2.11
D63263 (351207)		1.56
D63264 (351208)		3.81
D63265 (351209)		2.55
D63266 (351210)		0.07
D63267 (351211)		0.78
D63268 (351212)		3.02
D63269 (351213)		3.79
D63270 (351214)		2.21

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T492779

PROJECT: AGAT00692

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D63199 (351143)		<0.5	7.76	<1	128	0.6	<1	5.69	<0.5	15	31.1	106	45.9	6.62	21
D63200 (351144)		<0.5	8.22	<1	191	<0.5	<1	6.46	<0.5	26	39.2	111	35.6	8.41	22
D63201 (351145)		<0.5	8.87	<1	119	<0.5	<1	6.48	<0.5	17	36.2	120	43.8	7.45	22
D63202 (351146)		<0.5	8.63	<1	98	<0.5	<1	6.15	<0.5	16	34.7	125	61.3	7.18	20
D63203 (351147)		<0.5	9.04	<1	89	<0.5	<1	6.36	<0.5	17	36.5	113	53.3	7.53	21
D63204 (351148)		<0.5	9.28	<1	77	<0.5	<1	6.53	<0.5	16	34.3	127	33.5	7.54	21
D63205 (351149)		<0.5	8.66	<1	103	<0.5	<1	6.13	<0.5	18	34.9	116	63.8	7.24	24
D63206 (351150)		0.6	7.66	<1	198	<0.5	<1	6.73	<0.5	18	43.7	182	106	7.97	24
D63207 (351151)		<0.5	8.43	<1	99	0.7	<1	5.95	<0.5	16	30.3	111	46.5	6.72	20
D63208 (351152)		<0.5	8.54	<1	118	<0.5	<1	6.31	<0.5	21	30.6	102	61.4	7.39	22
D63209 (351153)		1.2	4.84	<1	794	2.1	<1	8.71	<0.5	150	46.5	143	86.5	9.16	24
D63210 (351154)		<0.5	8.21	<1	149	<0.5	<1	6.27	<0.5	22	33.6	96.8	49.3	7.36	21
D63211 (351155)		<0.5	5.76	<1	70	<0.5	<1	4.18	<0.5	13	21.4	61.1	42.5	4.93	16
D63212 (351156)		<0.5	0.08	<1	13	<0.5	<1	31.3	<0.5	<1	1.2	5.6	<0.5	0.12	6
D63213 (351157)		<0.5	7.85	<1	109	1.0	<1	6.07	<0.5	27	32.0	91.4	107	7.37	24
D63214 (351158)		<0.5	7.61	<1	126	0.7	<1	5.93	<0.5	30	31.9	90.6	48.2	6.96	21
D63215 (351159)		<0.5	7.83	<1	223	<0.5	<1	7.29	<0.5	54	35.6	126	52.2	8.19	20
D63216 (351160)		<0.5	2.65	<1	543	<0.5	<1	6.55	<0.5	87	72.9	732	96.2	9.17	14
D63217 (351161)		<0.5	8.06	<1	112	0.6	<1	6.15	<0.5	24	30.4	73.8	105	7.38	24
D63218 (351162)		<0.5	7.89	<1	114	0.7	<1	6.03	<0.5	26	31.8	70.1	117	7.12	22
D63219 (351163)		<0.5	8.73	<1	268	1.2	<1	6.04	<0.5	20	34.7	120	40.8	7.61	26
D63220 (351164)		<0.5	8.35	<1	134	0.7	<1	6.12	<0.5	16	37.3	139	45.8	7.34	25
D63221 (351165)		<0.5	8.55	<1	117	<0.5	<1	6.01	<0.5	18	34.7	154	37.6	7.13	23
D63222 (351166)		<0.5	8.07	<1	142	<0.5	<1	6.08	<0.5	20	31.5	66.0	60.7	7.58	22
D63223 (351167)		<0.5	6.50	<1	434	<0.5	<1	7.83	<0.5	60	43.5	231	101	8.63	21
D63224 (351168)		<0.5	7.94	<1	150	<0.5	<1	6.13	<0.5	23	32.3	36.9	86.1	7.86	23
D63225 (351169)		<0.5	7.60	<1	387	<0.5	<1	4.95	<0.5	25	27.8	32.7	53.1	7.17	22
D63226 (351170)		<0.5	7.24	<1	146	<0.5	<1	6.97	<0.5	6	43.0	156	154	8.03	21
D63227 (351171)		<0.5	8.29	<1	102	<0.5	<1	6.28	<0.5	19	31.8	53.7	30.8	7.51	20
D63228 (351172)		0.5	6.08	<1	272	<0.5	<1	6.41	<0.5	51	49.9	260	84.9	8.20	21
D63229 (351173)		<0.5	7.56	<1	57	<0.5	<1	5.66	<0.5	23	29.8	76.8	69.0	7.05	20
D63230 (351174)		<0.5	8.19	<1	46	<0.5	<1	5.93	<0.5	19	33.7	80.5	83.2	7.59	23

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T492779

PROJECT: AGAT00692

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TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D63231 (351175)		<0.5	8.14	<1	47	<0.5	<1	6.10	<0.5	23	31.4	61.3	90.4	7.71	24
D63232 (351176)		<0.5	0.09	<1	17	<0.5	<1	33.0	<0.5	<1	0.8	3.5	<0.5	0.10	5
D63233 (351177)		<0.5	5.34	<1	295	<0.5	<1	6.30	<0.5	47	57.7	490	124	8.48	22
D63234 (351178)		<0.5	7.77	<1	54	1.1	<1	5.97	<0.5	19	34.5	94.2	110	7.35	22
D63235 (351179)		<0.5	7.94	<1	56	0.7	<1	5.86	<0.5	21	36.0	92.5	66.2	7.54	23
D63236 (351180)		0.5	3.80	<1	469	<0.5	<1	6.49	<0.5	75	70.8	575	79.1	8.97	19
D63237 (351181)		<0.5	8.45	<1	72	0.5	<1	6.30	<0.5	19	36.6	101	54.2	8.26	23
D63238 (351182)		<0.5	8.58	<1	75	0.5	<1	6.37	<0.5	20	34.8	99.0	55.9	8.33	24
D63239 (351183)		0.6	5.41	<1	570	1.8	<1	7.58	<0.5	91	51.1	358	94.0	8.18	22
D63240 (351184)		<0.5	8.90	<1	109	<0.5	<1	6.19	<0.5	19	33.2	110	68.9	7.75	27
D63241 (351185)		<0.5	8.37	<1	145	1.4	<1	6.35	<0.5	31	24.0	83.9	3.6	5.25	23
D63242 (351186)		<0.5	3.45	<1	722	1.6	<1	8.49	<0.5	134	62.9	448	76.8	8.53	17
D63243 (351187)		<0.5	9.03	<1	171	0.7	<1	5.82	<0.5	23	31.1	72.7	9.8	6.47	22
D63244 (351188)		<0.5	8.44	<1	262	<0.5	<1	5.01	<0.5	20	27.5	75.5	3.9	6.33	26
D63245 (351189)		<0.5	8.30	<1	204	0.7	<1	4.96	<0.5	17	27.5	80.8	5.4	5.82	25
D63246 (351190)		<0.5	7.93	<1	205	<0.5	<1	6.78	<0.5	18	40.5	160	112	8.03	22
D63247 (351191)		<0.5	8.64	<1	104	<0.5	<1	5.71	<0.5	19	33.0	90.7	7.2	7.09	22
D63248 (351192)		<0.5	8.56	<1	120	1.4	<1	5.24	<0.5	16	28.0	67.2	47.2	6.30	24
D63249 (351193)		<0.5	8.60	<1	188	2.1	<1	5.14	<0.5	20	30.0	70.4	38.5	6.32	24
D63250 (351194)		<0.5	8.33	<1	139	2.0	<1	5.81	<0.5	25	35.4	113	61.8	6.89	20
D63251 (351195)		0.6	4.43	<1	475	1.0	<1	7.17	<0.5	90	53.0	455	92.7	7.45	17
D63252 (351196)		<0.5	0.08	<1	18	<0.5	<1	34.4	<0.5	<1	1.2	2.4	<0.5	0.09	6
D63253 (351197)		<0.5	8.50	<1	85	0.9	<1	10.2	<0.5	16	24.9	41.0	42.4	5.70	20
D63254 (351198)		<0.5	9.21	<1	97	0.9	<1	6.00	<0.5	19	29.7	50.0	32.8	6.29	21
D63255 (351199)		<0.5	8.83	<1	94	1.6	<1	5.54	<0.5	20	29.9	47.5	82.3	5.94	24
D63256 (351200)		<0.5	8.63	<1	145	1.6	<1	5.94	<0.5	18	25.7	54.8	19.1	5.86	21
D63257 (351201)		<0.5	8.80	<1	88	<0.5	<1	6.29	<0.5	19	28.1	64.8	28.6	6.35	22
D63258 (351202)		<0.5	8.82	<1	85	<0.5	<1	6.20	<0.5	19	27.4	63.8	24.9	6.06	19
D63259 (351203)		<0.5	8.77	<1	84	<0.5	<1	6.32	<0.5	20	31.0	80.3	4.8	6.88	21
D63260 (351204)		<0.5	8.62	<1	103	1.3	<1	6.24	<0.5	22	35.1	93.8	36.9	7.96	21
D63261 (351205)		<0.5	8.36	<1	471	0.9	<1	4.53	<0.5	36	29.9	104	61.3	6.58	25
D63262 (351206)		<0.5	8.03	<1	87	0.9	<1	6.12	<0.5	21	34.2	109	41.4	7.58	21

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T492779

PROJECT: AGAT00692

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 14, 2019	DATE RECEIVED: Jul 15, 2019							DATE REPORTED: Jul 30, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D63263 (351207)	<0.5	8.50	<1	106	0.9	<1	6.30	<0.5	25	37.8	104	55.6	8.53	25	
D63264 (351208)	<0.5	8.47	<1	83	<0.5	<1	6.28	<0.5	21	34.6	105	130	7.69	23	
D63265 (351209)	<0.5	8.05	<1	87	0.9	<1	5.72	<0.5	18	34.7	105	93.5	7.20	21	
D63266 (351210)	<0.5	7.44	<1	150	<0.5	<1	7.15	<0.5	7	42.5	156	155	8.27	21	
D63267 (351211)	<0.5	8.18	<1	81	<0.5	<1	6.16	<0.5	24	26.1	63.2	12.7	6.48	23	
D63268 (351212)	<0.5	8.40	<1	201	<0.5	<1	6.19	<0.5	30	27.9	15.1	5.2	6.44	24	
D63269 (351213)	<0.5	8.36	<1	58	<0.5	<1	5.91	<0.5	30	28.6	20.7	24.1	6.63	22	
D63270 (351214)	<0.5	8.41	<1	152	<0.5	<1	5.13	<0.5	30	30.2	18.2	9.1	6.89	22	

Certified By:



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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D63199 (351143)		<1	0.42	9	19	2.91	1060	2.9	2.38	57.5	563	<20	<50	0.03	<1
D63200 (351144)		<1	0.41	15	13	3.26	1330	<0.5	2.37	61.5	718	<20	<50	0.06	<1
D63201 (351145)		<1	0.32	9	24	3.83	1210	<0.5	2.64	87.0	623	<20	<50	0.01	<1
D63202 (351146)		<1	0.30	9	24	3.53	1150	<0.5	2.62	75.2	638	<20	<50	0.02	<1
D63203 (351147)		<1	0.48	10	25	3.77	1260	<0.5	2.72	89.8	655	<20	<50	0.03	<1
D63204 (351148)		<1	0.42	9	21	3.70	1290	<0.5	2.73	73.0	643	<20	<50	0.02	<1
D63205 (351149)		<1	0.44	9	23	3.58	1240	<0.5	2.52	75.5	633	<20	<50	0.02	<1
D63206 (351150)		<1	0.44	11	10	4.51	1410	<0.5	2.35	114	865	<20	<50	0.09	<1
D63207 (351151)		<1	0.37	9	18	3.08	1150	1.1	2.43	53.2	608	<20	<50	0.01	<1
D63208 (351152)		<1	0.39	11	19	3.18	1270	<0.5	2.52	49.6	732	<20	<50	0.04	<1
D63209 (351153)		<1	1.33	68	45	5.16	1560	2.0	2.45	132	3140	<20	<50	0.37	<1
D63210 (351154)		<1	0.41	12	18	3.22	1280	<0.5	2.51	52.4	773	<20	<50	0.04	<1
D63211 (351155)		<1	0.28	7	17	1.95	833	0.9	1.89	31.9	495	<20	<50	0.03	<1
D63212 (351156)		<1	0.01	<2	1	4.26	72	<0.5	0.05	0.6	96	<20	<50	0.02	<1
D63213 (351157)		<1	0.39	14	19	2.88	1240	<0.5	2.41	46.8	917	<20	<50	0.07	<1
D63214 (351158)		<1	0.48	15	22	3.03	1170	<0.5	2.54	55.7	901	<20	<50	0.06	<1
D63215 (351159)		<1	0.68	28	29	4.08	1380	0.8	2.52	99.5	1490	<20	<50	0.08	<1
D63216 (351160)		<1	1.29	43	22	11.5	1420	<0.5	0.91	642	1780	<20	<50	0.17	<1
D63217 (351161)		<1	0.46	13	19	2.95	1240	<0.5	2.53	45.2	797	<20	<50	0.04	<1
D63218 (351162)		<1	0.45	14	19	2.82	1180	<0.5	2.57	47.0	876	<20	<50	0.05	<1
D63219 (351163)		<1	0.98	10	29	3.29	1180	<0.5	2.87	63.6	650	<20	<50	0.01	<1
D63220 (351164)		<1	0.59	9	17	3.50	1160	<0.5	2.73	95.7	715	<20	<50	<0.01	<1
D63221 (351165)		<1	0.42	9	24	3.32	1290	<0.5	2.45	66.9	629	<20	<50	0.02	<1
D63222 (351166)		<1	0.35	11	18	2.80	1280	<0.5	2.24	43.8	730	<20	<50	0.02	<1
D63223 (351167)		<1	0.70	30	28	5.34	1410	0.9	1.58	193	1640	<20	<50	0.08	<1
D63224 (351168)		<1	0.33	11	19	2.71	1330	<0.5	2.11	36.4	877	<20	<50	0.02	<1
D63225 (351169)		<1	0.73	14	30	2.34	1050	1.1	2.35	33.7	675	<20	<50	0.04	<1
D63226 (351170)		<1	0.20	5	12	4.40	1420	<0.5	2.23	89.9	376	<20	<50	0.16	<1
D63227 (351171)		<1	0.37	10	20	3.05	1260	<0.5	2.46	44.8	714	<20	<50	0.02	<1
D63228 (351172)		<1	0.64	25	32	6.10	1290	<0.5	1.98	288	1380	<20	<50	0.08	<1
D63229 (351173)		<1	0.28	12	25	2.59	1130	<0.5	2.39	40.6	672	<20	<50	0.03	<1
D63230 (351174)		<1	0.27	11	23	3.06	1200	<0.5	2.61	47.2	705	<20	<50	0.02	<1

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T492779

PROJECT: AGAT00692

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D63231 (351175)		<1	0.24	13	19	2.77	1240	<0.5	2.44	38.5	817	<20	<50	0.03	<1
D63232 (351176)		2	0.02	<2	<1	2.36	64	<0.5	0.04	<0.5	71	<20	<50	0.02	<1
D63233 (351177)		<1	0.71	25	20	7.92	1340	<0.5	1.70	407	1230	<20	<50	0.09	<1
D63234 (351178)		<1	0.30	10	23	3.09	1190	<0.5	2.52	52.9	914	<20	<50	0.04	<1
D63235 (351179)		<1	0.29	11	23	3.11	1200	<0.5	2.56	54.4	765	<20	<50	0.02	<1
D63236 (351180)		<1	1.06	38	18	11.4	1420	0.7	0.99	671	1790	<20	<50	0.13	<1
D63237 (351181)		<1	0.33	10	22	3.57	1290	<0.5	2.72	59.8	860	<20	<50	0.02	<1
D63238 (351182)		<1	0.33	10	23	3.55	1270	<0.5	2.79	61.0	813	<20	<50	0.02	<1
D63239 (351183)		<1	1.83	45	32	7.00	1380	0.7	2.04	276	1840	<20	<50	0.11	<1
D63240 (351184)		<1	0.52	11	20	3.31	1070	<0.5	3.05	55.7	692	<20	<50	0.04	<1
D63241 (351185)		<1	0.56	15	24	3.44	766	<0.5	2.95	83.8	845	<20	<50	0.02	<1
D63242 (351186)		<1	1.35	64	22	10.6	1450	1.2	1.07	537	1770	<20	<50	0.14	<1
D63243 (351187)		<1	0.80	11	25	3.59	938	<0.5	3.09	66.5	589	<20	<50	0.01	<1
D63244 (351188)		<1	0.99	12	25	2.95	862	<0.5	2.97	52.5	551	<20	<50	0.01	<1
D63245 (351189)		<1	0.88	10	32	2.83	780	<0.5	3.05	51.2	453	<20	<50	0.01	<1
D63246 (351190)		<1	0.46	11	11	4.58	1440	<0.5	2.40	112	842	<20	<50	0.09	<1
D63247 (351191)		<1	0.60	10	29	3.43	968	<0.5	2.82	61.7	571	<20	<50	<0.01	<1
D63248 (351192)		<1	0.63	10	29	3.13	857	<0.5	3.30	51.9	570	<20	<50	0.01	<1
D63249 (351193)		<1	0.90	10	33	3.20	1000	<0.5	2.99	56.3	536	<20	<50	0.02	<1
D63250 (351194)		<1	0.56	13	30	3.74	1150	<0.5	3.03	84.3	713	<20	<50	0.03	<1
D63251 (351195)		<1	2.18	42	61	8.36	1300	1.1	2.02	393	1460	<20	<50	0.17	<1
D63252 (351196)		2	0.02	<2	1	2.12	61	<0.5	0.04	<0.5	90	<20	<50	0.04	1
D63253 (351197)		<1	0.30	9	19	2.65	1400	1.1	1.94	44.0	519	<20	<50	0.02	<1
D63254 (351198)		<1	0.37	10	23	3.18	1090	<0.5	2.98	54.2	532	<20	<50	0.01	<1
D63255 (351199)		<1	0.47	10	26	2.99	1030	<0.5	2.90	52.2	595	<20	<50	0.01	<1
D63256 (351200)		<1	0.63	10	30	2.73	993	<0.5	2.88	46.3	411	<20	<50	<0.01	<1
D63257 (351201)		<1	0.48	10	16	3.03	1080	<0.5	2.39	50.1	647	<20	<50	<0.01	<1
D63258 (351202)		<1	0.47	10	17	2.86	1040	<0.5	2.47	47.9	668	<20	<50	0.01	<1
D63259 (351203)		<1	0.51	10	19	3.13	1110	<0.5	2.47	54.9	635	<20	<50	<0.01	<1
D63260 (351204)		<1	0.60	11	21	3.28	1310	2.4	2.29	51.9	747	<20	<50	0.01	<1
D63261 (351205)		<1	1.53	18	45	2.80	993	<0.5	2.22	49.7	673	<20	<50	0.05	<1
D63262 (351206)		<1	0.65	10	19	3.21	1300	<0.5	2.38	53.0	690	<20	<50	0.01	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T492779

PROJECT: AGAT00692

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 14, 2019	DATE RECEIVED: Jul 15, 2019					DATE REPORTED: Jul 30, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D63263 (351207)	<1	0.73	11	21	3.52	1500	<0.5	2.30	54.0	796	<20	<50	0.03	<1	
D63264 (351208)	<1	0.50	11	15	3.29	1250	<0.5	2.37	55.4	745	<20	<50	0.03	<1	
D63265 (351209)	<1	0.41	9	19	3.23	1230	<0.5	2.33	56.4	634	<20	<50	0.02	<1	
D63266 (351210)	<1	0.21	5	12	4.45	1450	<0.5	2.36	92.2	396	<20	<50	0.15	<1	
D63267 (351211)	<1	0.36	11	17	2.74	1040	<0.5	2.29	42.3	625	<20	<50	0.01	<1	
D63268 (351212)	<1	0.70	14	21	2.27	756	<0.5	2.03	26.2	665	<20	<50	0.01	<1	
D63269 (351213)	<1	0.42	14	15	2.33	1030	0.5	2.30	26.5	665	<20	<50	0.02	<1	
D63270 (351214)	<1	0.61	14	18	2.35	1130	<0.5	2.58	26.3	670	<20	<50	0.02	<1	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D63199 (351143)	29	<10	<5	160	<10	<10	<5	0.58	<5	<50	183	<1	19	85.9
D63200 (351144)	33	<10	<5	172	<10	<10	<5	0.79	<5	<50	241	<1	24	100
D63201 (351145)	28	<10	<5	175	<10	<10	<5	0.63	<5	<50	191	<1	20	90.3
D63202 (351146)	29	<10	<5	184	<10	<10	<5	0.65	<5	<50	204	<1	20	89.4
D63203 (351147)	29	<10	<5	205	<10	<10	<5	0.66	<5	<50	193	<1	21	103
D63204 (351148)	29	<10	<5	220	<10	<10	<5	0.65	<5	<50	193	<1	21	95.1
D63205 (351149)	29	<10	<5	188	<10	<10	<5	0.66	<5	<50	198	<1	22	96.1
D63206 (351150)	36	<10	<5	257	<10	<10	<5	0.89	<5	<50	258	<1	24	94.8
D63207 (351151)	28	<10	<5	188	<10	<10	<5	0.60	<5	<50	186	<1	19	84.4
D63208 (351152)	30	<10	<5	200	<10	<10	<5	0.71	<5	<50	203	<1	21	97.5
D63209 (351153)	29	<10	<5	836	<10	<10	<5	1.56	<5	<50	285	<1	38	119
D63210 (351154)	33	<10	<5	248	<10	<10	<5	0.68	<5	<50	212	<1	23	95.8
D63211 (351155)	20	<10	<5	177	<10	<10	<5	0.45	<5	<50	132	<1	14	60.9
D63212 (351156)	<1	<10	<5	59	<10	<10	<5	<0.01	<5	<50	4.1	<1	2	4.5
D63213 (351157)	31	<10	<5	289	<10	<10	<5	0.73	<5	<50	218	<1	24	98.2
D63214 (351158)	29	<10	<5	250	<10	<10	<5	0.72	<5	<50	201	<1	23	92.6
D63215 (351159)	30	<10	<5	460	<10	<10	<5	1.06	<5	<50	220	<1	26	108
D63216 (351160)	20	<10	<5	680	<10	<10	<5	1.98	<5	<50	234	<1	20	92.4
D63217 (351161)	30	<10	<5	221	<10	<10	<5	0.71	<5	<50	203	<1	23	97.6
D63218 (351162)	30	<10	<5	230	<10	<10	<5	0.68	<5	<50	212	<1	24	94.0
D63219 (351163)	33	<10	<5	160	<10	<10	<5	0.65	<5	<50	215	<1	23	95.3
D63220 (351164)	30	<10	<5	146	<10	<10	<5	0.59	<5	<50	209	<1	20	89.4
D63221 (351165)	31	<10	<5	161	<10	<10	<5	0.62	<5	<50	210	<1	22	100
D63222 (351166)	30	<10	<5	188	<10	<10	<5	0.74	<5	<50	218	<1	24	98.2
D63223 (351167)	30	<10	<5	460	<10	<10	<5	1.35	<5	<50	248	<1	26	106
D63224 (351168)	32	<10	<5	234	<10	<10	<5	0.77	<5	<50	229	<1	26	107
D63225 (351169)	27	<10	<5	235	<10	<10	<5	0.74	<5	<50	210	<1	20	125
D63226 (351170)	46	<10	<5	114	<10	<10	<5	0.68	<5	<50	318	<1	23	81.8
D63227 (351171)	32	<10	<5	196	<10	<10	<5	0.71	<5	<50	212	<1	21	107
D63228 (351172)	28	<10	<5	402	<10	<10	<5	1.39	<5	<50	257	<1	23	98.3
D63229 (351173)	30	<10	<5	179	<10	<10	<5	0.71	<5	<50	205	<1	24	92.9
D63230 (351174)	33	<10	<5	196	<10	<10	<5	0.70	<5	<50	227	<1	23	104

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T492779

PROJECT: AGAT00692

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D63231 (351175)	31	<10	<5	180	<10	<10	<5	0.73	<5	<50	207	<1	25	105
D63232 (351176)	<1	<10	<5	73	<10	<10	<5	<0.01	<5	<50	3.3	<1	2	4.1
D63233 (351177)	28	<10	<5	380	<10	<10	<5	1.35	<5	<50	232	<1	20	96.1
D63234 (351178)	33	<10	<5	201	<10	<10	<5	0.68	<5	<50	214	<1	25	92.1
D63235 (351179)	32	<10	<5	244	<10	<10	<5	0.72	<5	<50	217	<1	24	136
D63236 (351180)	21	<10	<5	637	<10	<10	<5	1.80	<5	<50	242	<1	21	91.6
D63237 (351181)	34	<10	<5	247	<10	<10	<5	0.80	<5	<50	231	<1	26	89.2
D63238 (351182)	34	<10	<5	260	<10	<10	<5	0.80	<5	<50	231	<1	26	85.7
D63239 (351183)	27	<10	<5	626	<10	<10	<5	1.83	<5	<50	276	<1	29	88.1
D63240 (351184)	32	<10	<5	231	<10	<10	<5	0.72	<5	<50	222	<1	24	66.7
D63241 (351185)	27	<10	<5	269	<10	<10	<5	0.65	<5	<50	194	<1	22	41.1
D63242 (351186)	20	<10	<5	882	<10	<10	<5	1.15	<5	<50	216	<1	28	95.2
D63243 (351187)	27	<10	<5	263	<10	<10	<5	0.56	<5	<50	185	<1	19	54.8
D63244 (351188)	26	<10	<5	210	<10	<10	<5	0.56	<5	<50	178	<1	17	78.6
D63245 (351189)	24	<10	<5	191	<10	<10	<5	0.50	<5	<50	163	<1	15	62.1
D63246 (351190)	34	<10	<5	262	<10	<10	<5	0.90	<5	<50	247	<1	23	98.3
D63247 (351191)	31	<10	<5	196	<10	<10	<5	0.64	<5	<50	206	<1	21	65.3
D63248 (351192)	26	<10	<5	195	<10	<10	<5	0.51	<5	<50	174	<1	18	71.7
D63249 (351193)	26	<10	<5	201	<10	<10	<5	0.53	<5	<50	176	<1	18	98.0
D63250 (351194)	30	<10	<5	219	<10	<10	<5	0.68	<5	<50	205	<1	23	85.3
D63251 (351195)	21	<10	<5	692	<10	<10	<5	1.44	<5	<50	227	<1	22	97.5
D63252 (351196)	<1	<10	<5	73	<10	<10	<5	<0.01	<5	<50	2.7	1	2	4.6
D63253 (351197)	25	<10	<5	192	<10	<10	<5	0.45	<5	<50	182	<1	17	79.3
D63254 (351198)	28	<10	<5	223	<10	<10	<5	0.53	<5	<50	191	<1	18	80.4
D63255 (351199)	28	<10	<5	214	<10	<10	<5	0.48	<5	<50	191	<1	18	100
D63256 (351200)	26	<10	<5	252	<10	<10	<5	0.49	<5	<50	164	<1	17	79.5
D63257 (351201)	26	<10	<5	229	<10	<10	<5	0.55	<5	<50	174	<1	18	81.0
D63258 (351202)	26	<10	<5	238	<10	<10	<5	0.52	<5	<50	171	<1	18	77.2
D63259 (351203)	29	<10	<5	227	<10	<10	<5	0.60	<5	<50	195	<1	20	80.1
D63260 (351204)	33	<10	<5	194	<10	<10	<5	0.76	<5	<50	218	<1	24	109
D63261 (351205)	24	<10	<5	173	<10	<10	<5	0.61	<5	<50	170	<1	22	124
D63262 (351206)	31	<10	<5	160	<10	<10	<5	0.64	<5	<50	208	<1	23	106

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T492779

PROJECT: AGAT00692

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
D63263 (351207)	36	<10	<5	148	<10	<10	<5	0.80	<5	<50	238	<1	34	116
D63264 (351208)	32	<10	<5	169	<10	<10	<5	0.69	<5	<50	215	<1	23	95.1
D63265 (351209)	31	<10	<5	147	<10	<10	<5	0.63	<5	<50	210	<1	20	101
D63266 (351210)	46	<10	<5	120	<10	<10	<5	0.71	<5	<50	324	<1	23	82.0
D63267 (351211)	28	<10	<5	169	<10	<10	<5	0.69	<5	<50	199	<1	22	61.3
D63268 (351212)	25	<10	<5	182	<10	<10	<5	0.66	<5	<50	199	<1	20	36.6
D63269 (351213)	24	<10	<5	160	<10	<10	<5	0.62	<5	<50	189	<1	21	54.4
D63270 (351214)	25	<10	<5	157	<10	<10	<5	0.66	<5	<50	200	<1	22	74.5

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T492779

PROJECT: AGAT00692

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D63199 (351143)				39
D63200 (351144)				89
D63201 (351145)				32
D63202 (351146)				32
D63203 (351147)				32
D63204 (351148)				38
D63205 (351149)				34
D63206 (351150)				99
D63207 (351151)				35
D63208 (351152)				33
D63209 (351153)				292
D63210 (351154)				42
D63211 (351155)				33
D63212 (351156)				<5
D63213 (351157)				48
D63214 (351158)				90
D63215 (351159)				96
D63216 (351160)				162
D63217 (351161)				48
D63218 (351162)				55
D63219 (351163)				41
D63220 (351164)				40
D63221 (351165)				29
D63222 (351166)				27
D63223 (351167)				111
D63224 (351168)				31
D63225 (351169)				50
D63226 (351170)				55
D63227 (351171)				43
D63228 (351172)				125
D63229 (351173)				56
D63230 (351174)				38

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T492779

PROJECT: AGAT00692

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D63231 (351175)			27
D63232 (351176)			<5
D63233 (351177)			124
D63234 (351178)			40
D63235 (351179)			38
D63236 (351180)			194
D63237 (351181)			32
D63238 (351182)			36
D63239 (351183)			205
D63240 (351184)			52
D63241 (351185)			50
D63242 (351186)			82
D63243 (351187)			61
D63244 (351188)			58
D63245 (351189)			42
D63246 (351190)			93
D63247 (351191)			40
D63248 (351192)			51
D63249 (351193)			51
D63250 (351194)			67
D63251 (351195)			164
D63252 (351196)			<5
D63253 (351197)			28
D63254 (351198)			48
D63255 (351199)			52
D63256 (351200)			60
D63257 (351201)			52
D63258 (351202)			57
D63259 (351203)			64
D63260 (351204)			58
D63261 (351205)			65
D63262 (351206)			56

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# Certificate of Analysis

AGAT WORK ORDER: 19T492779

PROJECT: AGAT00692

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D63263 (351207)	76
D63264 (351208)	54
D63265 (351209)	51
D63266 (351210)	57
D63267 (351211)	42
D63268 (351212)	31
D63269 (351213)	74
D63270 (351214)	89

Comments: RDL - Reported Detection Limit

351143-351214 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T492779

PROJECT: AGAT00692

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D63199 (351143)			0.008
D63200 (351144)			0.001
D63201 (351145)			0.002
D63202 (351146)			0.003
D63203 (351147)			0.005
D63204 (351148)			0.002
D63205 (351149)			0.005
D63206 (351150)			0.336
D63207 (351151)			0.004
D63208 (351152)			0.002
D63209 (351153)			0.001
D63210 (351154)			0.002
D63211 (351155)			0.001
D63212 (351156)			<0.001
D63213 (351157)			<0.001
D63214 (351158)			0.002
D63215 (351159)			0.001
D63216 (351160)			0.002
D63217 (351161)			0.003
D63218 (351162)			0.002
D63219 (351163)			0.005
D63220 (351164)			0.007
D63221 (351165)			0.002
D63222 (351166)			0.002
D63223 (351167)			0.002
D63224 (351168)			0.002
D63225 (351169)			0.002
D63226 (351170)			0.529
D63227 (351171)			0.002
D63228 (351172)			0.003
D63229 (351173)			0.005
D63230 (351174)			0.004

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## Certificate of Analysis

AGAT WORK ORDER: 19T492779

PROJECT: AGAT00692

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D63231 (351175)			0.003
D63232 (351176)			0.001
D63233 (351177)			0.002
D63234 (351178)			0.003
D63235 (351179)			0.003
D63236 (351180)			<0.001
D63237 (351181)			0.002
D63238 (351182)			0.002
D63239 (351183)			0.002
D63240 (351184)			0.001
D63241 (351185)			0.001
D63242 (351186)			0.001
D63243 (351187)			0.001
D63244 (351188)			<0.001
D63245 (351189)			0.001
D63246 (351190)			0.328
D63247 (351191)			0.001
D63248 (351192)			0.002
D63249 (351193)			0.001
D63250 (351194)			0.003
D63251 (351195)			0.002
D63252 (351196)			<0.001
D63253 (351197)			0.002
D63254 (351198)			0.003
D63255 (351199)			0.004
D63256 (351200)			0.002
D63257 (351201)			0.002
D63258 (351202)			0.008
D63259 (351203)			0.002
D63260 (351204)			0.002
D63261 (351205)			0.002
D63262 (351206)			0.004

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## Certificate of Analysis

AGAT WORK ORDER: 19T492779

PROJECT: AGAT00692

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D63263 (351207)			0.002
D63264 (351208)			0.003
D63265 (351209)			0.005
D63266 (351210)			0.542
D63267 (351211)			0.002
D63268 (351212)			0.005
D63269 (351213)			0.001
D63270 (351214)			<0.001

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T492779

PROJECT: AGAT00692

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D63199 (351143)		80.59
D63216 (351160)		84.52
D63237 (351181)		89.06
D63257 (351201)		86.67

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T492779

PROJECT: AGAT00692

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 14, 2019

DATE RECEIVED: Jul 15, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D63199 (351143)		92.04
D63239 (351183)		86.03

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	351143	< 0.5	< 0.5	0.0%	351157	< 0.5	< 0.5	0.0%	351168	< 0.5	< 0.5	0.0%	351182	< 0.5	< 0.5	0.0%
Al	351143	7.76	8.07	3.9%	351157	7.85	8.23	4.7%	351168	7.94	7.82	1.5%	351182	8.58	8.56	0.2%
As	351143	< 1	< 1	0.0%	351157	< 1	< 1	0.0%	351168	< 1	< 1	0.0%	351182	< 1	< 1	0.0%
Ba	351143	128	135	5.3%	351157	109	114	4.5%	351168	150	153	2.0%	351182	75	75	0.0%
Be	351143	0.6	0.6	0.0%	351157	1.0	1.0	0.0%	351168	< 0.5	< 0.5	0.0%	351182	0.5	0.5	0.0%
Bi	351143	< 1	< 1	0.0%	351157	< 1	< 1	0.0%	351168	< 1	< 1	0.0%	351182	< 1	< 1	0.0%
Ca	351143	5.69	5.83	2.4%	351157	6.07	6.17	1.6%	351168	6.13	6.27	2.3%	351182	6.37	6.27	1.6%
Cd	351143	< 0.5	< 0.5	0.0%	351157	< 0.5	< 0.5	0.0%	351168	< 0.5	< 0.5	0.0%	351182	< 0.5	< 0.5	0.0%
Ce	351143	15	16	6.5%	351157	27	26	3.8%	351168	23	23	0.0%	351182	20	19	5.1%
Co	351143	31.1	31.2	0.3%	351157	32.0	31.8	0.6%	351168	32.3	32.3	0.0%	351182	34.8	35.5	2.0%
Cr	351143	106	99.3	6.5%	351157	91.4	67.8	29.6%	351168	36.9	34.1	7.9%	351182	99.0	96.3	2.8%
Cu	351143	45.9	40.0	13.7%	351157	107	110	2.8%	351168	86.1	78.3	9.5%	351182	55.9	52.3	6.7%
Fe	351143	6.62	6.80	2.7%	351157	7.37	7.51	1.9%	351168	7.86	8.00	1.8%	351182	8.33	8.22	1.3%
Ga	351143	21	20	4.9%	351157	24	23	4.3%	351168	23	22	4.4%	351182	24	21	13.3%
In	351143	< 1	< 1	0.0%	351157	< 1	< 1	0.0%	351168	< 1	< 1	0.0%	351182	< 1	< 1	0.0%
K	351143	0.42	0.42	0.0%	351157	0.395	0.415	4.9%	351168	0.335	0.335	0.0%	351182	0.33	0.33	0.0%
La	351143	9	9	0.0%	351157	14	14	0.0%	351168	11	12	8.7%	351182	10	10	0.0%
Li	351143	19	19	0.0%	351157	19	20	5.1%	351168	19	19	0.0%	351182	23	23	0.0%
Mg	351143	2.91	3.01	3.4%	351157	2.88	3.00	4.1%	351168	2.71	2.71	0.0%	351182	3.55	3.56	0.3%
Mn	351143	1060	1100	3.7%	351157	1240	1290	4.0%	351168	1330	1300	2.3%	351182	1270	1260	0.8%
Mo	351143	2.9	3.9	29.4%	351157	< 0.5	< 0.5	0.0%	351168	< 0.5	< 0.5	0.0%	351182	< 0.5	< 0.5	0.0%
Na	351143	2.38	2.46	3.3%	351157	2.41	2.47	2.5%	351168	2.11	2.11	0.0%	351182	2.79	2.77	0.7%
Ni	351143	57.5	55.8	3.0%	351157	46.8	46.6	0.4%	351168	36.4	38.1	4.6%	351182	61.0	60.6	0.7%
P	351143	563	556	1.3%	351157	917	882	3.9%	351168	877	877	0.0%	351182	813	818	0.6%
Pb	351143	< 20	< 20	0.0%	351157	< 20	< 20	0.0%	351168	< 20	< 20	0.0%	351182	< 20	< 20	0.0%
Rb	351143	< 50	< 50	0.0%	351157	< 50	< 50	0.0%	351168	< 50	< 50	0.0%	351182	< 50	< 50	0.0%
S	351143	0.03	0.03	0.0%	351157	0.07	0.07	0.0%	351168	0.02	0.02	0.0%	351182	0.02	0.02	0.0%
Sb	351143	< 1	< 1	0.0%	351157	< 1	< 1	0.0%	351168	< 1	< 1	0.0%	351182	< 1	< 1	0.0%
Sc	351143	29	30	3.4%	351157	31	31	0.0%	351168	32	32	0.0%	351182	34	33	3.0%
Se	351143	< 10	< 10	0.0%	351157	< 10	< 10	0.0%	351168	< 10	< 10	0.0%	351182	< 10	< 10	0.0%
Sn	351143	< 5	< 5	0.0%	351157	< 5	< 5	0.0%	351168	< 5	< 5	0.0%	351182	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	351143	160	165	3.1%	351157	289	295	2.1%	351168	234	237	1.3%	351182	260	255	1.9%
Ta	351143	< 10	< 10	0.0%	351157	< 10	< 10	0.0%	351168	< 10	< 10	0.0%	351182	< 10	< 10	0.0%
Te	351143	< 10	< 10	0.0%	351157	< 10	< 10	0.0%	351168	< 10	< 10	0.0%	351182	< 10	< 10	0.0%
Th	351143	< 5	< 5	0.0%	351157	< 5	< 5	0.0%	351168	< 5	< 5	0.0%	351182	< 5	< 5	0.0%
Ti	351143	0.58	0.60	3.4%	351157	0.73	0.74	1.4%	351168	0.77	0.78	1.3%	351182	0.80	0.79	1.3%
Tl	351143	< 5	< 5	0.0%	351157	< 5	< 5	0.0%	351168	< 5	< 5	0.0%	351182	< 5	< 5	0.0%
U	351143	< 50	< 50	0.0%	351157	< 50	< 50	0.0%	351168	< 50	< 50	0.0%	351182	< 50	< 50	0.0%
V	351143	183	187	2.2%	351157	218	215	1.4%	351168	229	230	0.4%	351182	231	223	3.5%
W	351143	< 1	< 1	0.0%	351157	< 1	< 1	0.0%	351168	< 1	< 1	0.0%	351182	< 1	< 1	0.0%
Y	351143	19	19	0.0%	351157	24	23	4.3%	351168	26	26	0.0%	351182	26	26	0.0%
Zn	351143	85.9	87.9	2.3%	351157	98.2	103	4.8%	351168	107	105	1.9%	351182	85.7	88.8	3.6%
Zr	351143	39	36	8.0%	351157	48	43	11.0%	351168	31	28	10.2%	351182	36	34	5.7%

Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	351193	< 0.5	< 0.5	0.0%	351207	< 0.5	< 0.5	0.0%								
Al	351193	8.60	8.77	2.0%	351207	8.50	8.22	3.3%								
As	351193	< 1	< 1	0.0%	351207	< 1	< 1	0.0%								
Ba	351193	188	213	12.5%	351207	106	104	1.9%								
Be	351193	2.09	2.28	8.7%	351207	0.92	0.95	3.2%								
Bi	351193	< 1	< 1	0.0%	351207	< 1	< 1	0.0%								
Ca	351193	5.14	5.10	0.8%	351207	6.30	6.23	1.1%								
Cd	351193	< 0.5	< 0.5	0.0%	351207	< 0.5	< 0.5	0.0%								
Ce	351193	20	20	0.0%	351207	25	26	3.9%								
Co	351193	30.0	30.0	0.0%	351207	37.8	37.3	1.3%								
Cr	351193	70.4	69.9	0.7%	351207	104	108	3.8%								
Cu	351193	38.5	38.3	0.5%	351207	55.6	53.5	3.8%								
Fe	351193	6.32	6.42	1.6%	351207	8.53	8.45	0.9%								
Ga	351193	24	24	0.0%	351207	25	26	3.9%								
In	351193	< 1	< 1	0.0%	351207	< 1	< 1	0.0%								
K	351193	0.90	0.99	9.5%	351207	0.73	0.72	1.4%								
La	351193	10	10	0.0%	351207	11	11	0.0%								
Li	351193	33	37	11.4%	351207	21	21	0.0%								
Mg	351193	3.20	3.16	1.3%	351207	3.52	3.44	2.3%								
Mn	351193	1000	988	1.2%	351207	1500	1460	2.7%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	351193	< 0.5	< 0.5	0.0%	351207	< 0.5	< 0.5	0.0%								
Na	351193	2.99	3.07	2.6%	351207	2.30	2.26	1.8%								
Ni	351193	56.3	56.5	0.4%	351207	54.0	54.8	1.5%								
P	351193	536	516	3.8%	351207	796	807	1.4%								
Pb	351193	< 20	< 20	0.0%	351207	< 20	< 20	0.0%								
Rb	351193	< 50	< 50	0.0%	351207	< 50	< 50	0.0%								
S	351193	0.02	0.02	0.0%	351207	0.03	0.03	0.0%								
Sb	351193	< 1	< 1	0.0%	351207	< 1	< 1	0.0%								
Sc	351193	26	27	3.8%	351207	36	37	2.7%								
Se	351193	< 10	< 10	0.0%	351207	< 10	< 10	0.0%								
Sn	351193	< 5	< 5	0.0%	351207	< 5	< 5	0.0%								
Sr	351193	201	207	2.9%	351207	148	145	2.0%								
Ta	351193	< 10	< 10	0.0%	351207	< 10	< 10	0.0%								
Te	351193	< 10	< 10	0.0%	351207	< 10	< 10	0.0%								
Th	351193	< 5	< 5	0.0%	351207	< 5	< 5	0.0%								
Ti	351193	0.527	0.536	1.7%	351207	0.80	0.79	1.3%								
Tl	351193	< 5	< 5	0.0%	351207	< 5	< 5	0.0%								
U	351193	< 50	< 50	0.0%	351207	< 50	< 50	0.0%								
V	351193	176	177	0.6%	351207	238	238	0.0%								
W	351193	< 1	< 1	0.0%	351207	< 1	< 1	0.0%								
Y	351193	18	18	0.0%	351207	34	34	0.0%								
Zn	351193	98.0	96.9	1.1%	351207	116	113	2.6%								
Zr	351193	51	53	3.8%	351207	76	69	9.7%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	351143	0.008	0.002	120.0%	351157	< 0.001	0.001		351168	0.002	0.002	0.0%	351182	0.002	0.002	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	351193	0.001	0.002		351207	0.0025	0.0027	7.7%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.GTS-2a)				CRM #3 (ref.Till-2)				CRM #4 (ref.GTS-2a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.8	99%	90% - 110%					8.17	8.27	101%	90% - 110%	6.96	7.07	102%	90% - 110%
As									26	26	98%	90% - 110%	124	122	98%	90% - 110%
Ba	340	335	98%	90% - 110%					540	523	97%	90% - 110%	186	190	102%	90% - 110%
Be	2.6	2.7	104%	90% - 110%					4.0	3.1	77%	90% - 110%				
Ca	5.72	5.7	100%	90% - 110%					0.907	0.906	100%	90% - 110%	4.01	3.93	98%	90% - 110%
Ce	122	119	98%	90% - 110%					98	105	107%	90% - 110%	24	22	91%	90% - 110%
Co	2.8	2.2	77%	90% - 110%	22.1	21	95%	90% - 110%								
Cr									60.3	65.3	108%	90% - 110%				
Cu	7	5	76%	90% - 110%					150	154	103%	90% - 110%	88.6	85.5	97%	90% - 110%
Fe	4.34	4.04	93%	90% - 110%					3.77	3.67	97%	90% - 110%	7.56	7.33	97%	90% - 110%
Ga	35	35	100%	90% - 110%												
K	1.37	1.4	102%	90% - 110%									2.021	2.133	106%	90% - 110%
La	58	55	94%	90% - 110%					44	45	102%	90% - 110%				
Li	37	39	105%	90% - 110%					47	48	102%	90% - 110%				
Mg	0.325	0.308	95%	90% - 110%					1.10	1.11	101%	90% - 110%	2.412	2.466	102%	90% - 110%
Mn									780	781	100%	90% - 110%	1510	1434	95%	90% - 110%
Mo									14	13	92%	90% - 110%				
Na	5.267	5.245	100%	90% - 110%					1.624	1.647	101%	90% - 110%	0.617	0.673	109%	90% - 110%
Ni									32	35	108%	90% - 110%	77.1	73.7	96%	90% - 110%
P									750	746	99%	90% - 110%	892	857	96%	90% - 110%
Pb									31	29	93%	90% - 110%				
S													0.348	0.321	92%	90% - 110%
Sc	1.1	0.9	78%	90% - 110%					12	13	107%	90% - 110%				
Sr	1191	1181	99%	90% - 110%					144	152	106%	90% - 110%	92.8	88.4	95%	90% - 110%
Ti	0.172	0.167	97%	90% - 110%					0.53	0.48	91%	90% - 110%				
V	8	7	91%	90% - 110%					77	84	110%	90% - 110%				
Y	119	125	105%	90% - 110%												
Zn	93	94	101%	90% - 110%					130	130	100%	90% - 110%	208	208	100%	90% - 110%
	CRM #5 (ref.WMG-1a)				CRM #6 (ref.WMG-1a)											
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Ag					3.03	3.27	108%	90% - 110%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Al					4.75	5.15	108%	90% - 110%								
Ba					216	236	109%	90% - 110%								
Ca					10	10	102%	90% - 110%								
Co	191	182	95%	90% - 110%	191	189	99%	90% - 110%								
Cr					670	610	91%	90% - 110%								
Cu					7120	7464	105%	90% - 110%								
Fe					12.71	12.64	99%	90% - 110%								
K					0.1021	0.1116	109%	90% - 110%								
La					8.47	9.00	106%	90% - 110%								
Mg					7.41	7.74	104%	90% - 110%								
Na					0.112	0.123	110%	90% - 110%								
Ni					2480	2240	90%	90% - 110%								
P					731	701	96%	90% - 110%								
Sc					21.33	22.15	104%	90% - 110%								
Sr					39	40	103%	90% - 110%								
Ti					0.419	0.435	104%	90% - 110%								
V					158	162	102%	90% - 110%								
Y					12.67	13.73	108%	90% - 110%								
Zn					112	122	109%	90% - 110%								
Zr					35.7	39	109%	90% - 110%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP5G)				CRM #4 (ref.GSP7M)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.27	5.26	100%	90% - 110%	6.87	6.68	97%	90% - 110%	0.562	0.581	103%	90% - 110%	0.725	0.715	99%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00692  
 SAMPLING SITE:

AGAT WORK ORDER: 19T492779  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00693

AGAT WORK ORDER: 19T493374

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jul 30, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

# Certificate of Analysis

AGAT WORK ORDER: 19T493374

PROJECT: AGAT00693

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Jul 15, 2019


DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D64073 (354644)		1.47
D64074 (354645)		1.16
D64075 (354646)		0.86
D64076 (354647)		1.15
D64077 (354648)		0.71
D64078 (354649)		0.71
D64079 (354650)		0.71
D64080 (354651)		1.45
D64081 (354652)		0.66
D64082 (354653)		1.52
D64083 (354654)		1.01
D64084 (354655)		1.30
D64085 (354656)		0.87
D64086 (354657)		0.07
D64087 (354658)		1.03
D64088 (354659)		1.92
D64089 (354660)		1.54
D64090 (354661)		1.56
D64091 (354662)		0.94
D64092 (354663)		0.54
D64093 (354664)		1.97
D64094 (354665)		1.28
D64095 (354666)		1.62
D64096 (354667)		1.25
D64097 (354668)		0.81
D64098 (354669)		0.81
D64099 (354670)		1.38
D64100 (354671)		1.63
D64101 (354672)		0.77
D64102 (354673)		1.34
D64103 (354674)		1.20

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T493374

PROJECT: AGAT00693

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D64104 (354675)		0.98
D64105 (354676)		0.87
D64106 (354677)		0.07
D64107 (354678)		0.74
D64108 (354679)		0.76
D64109 (354680)		1.13
D64110 (354681)		1.09
D64111 (354682)		1.07
D64112 (354683)		0.58
D64113 (354684)		1.63
D64114 (354685)		0.66
D64115 (354686)		1.08
D64116 (354687)		0.93
D64117 (354688)		1.15
D64118 (354689)		1.15
D64119 (354690)		1.27
D64120 (354691)		1.37
D64121 (354692)		1.59
D64122 (354693)		1.76
D64123 (354694)		1.67
D64124 (354695)		1.12
D64125 (354696)		1.04
D64126 (354697)		0.07
D64127 (354698)		1.08
D64128 (354699)		1.39
D64129 (354700)		1.91
D64130 (354701)		1.08
D64131 (354702)		1.02
D64132 (354703)		0.60
D64133 (354704)		1.00
D64134 (354705)		1.16

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T493374

PROJECT: AGAT00693

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D64135 (354706)		0.89
D64136 (354707)		0.90
D64137 (354708)		1.20
D64138 (354709)		1.20
D64139 (354710)		2.04
D64140 (354711)		1.88
D64141 (354712)		1.20
D64142 (354713)		0.68
D64143 (354714)		1.35
D64144 (354715)		1.33

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T493374

PROJECT: AGAT00693

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MISSISSAUGA, ONTARIO  
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TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D64073 (354644)		<0.5	8.70	<1	180	0.8	<1	4.85	<0.5	29	20.3	77.6	<0.5	4.92	26
D64074 (354645)		<0.5	8.39	<1	115	1.4	<1	5.68	<0.5	26	20.1	71.8	<0.5	4.71	24
D64075 (354646)		<0.5	8.41	<1	169	<0.5	<1	5.24	<0.5	27	23.3	76.5	<0.5	5.09	24
D64076 (354647)		<0.5	8.12	<1	233	<0.5	<1	5.49	<0.5	25	22.8	63.8	<0.5	5.08	23
D64077 (354648)		<0.5	6.85	2	912	0.9	<1	1.60	<0.5	5	2.3	37.2	4.0	0.88	17
D64078 (354649)		<0.5	7.12	<1	958	0.9	<1	1.70	<0.5	5	2.7	46.0	3.6	0.96	18
D64079 (354650)		<0.5	8.07	<1	223	1.2	<1	3.16	<0.5	19	12.8	89.9	<0.5	3.56	25
D64080 (354651)		<0.5	7.13	<1	1090	0.7	<1	1.19	<0.5	4	1.8	42.7	2.0	0.68	15
D64081 (354652)		<0.5	8.32	<1	387	<0.5	<1	4.69	<0.5	36	22.1	85.2	3.9	5.04	24
D64082 (354653)		<0.5	8.06	<1	331	<0.5	<1	5.07	<0.5	29	27.5	119	27.1	5.37	24
D64083 (354654)		<0.5	8.08	<1	209	<0.5	<1	5.19	<0.5	26	23.6	72.9	23.1	5.19	23
D64084 (354655)		0.5	7.93	<1	187	<0.5	<1	4.71	<0.5	29	24.4	75.0	59.8	5.16	24
D64085 (354656)		<0.5	8.28	<1	211	<0.5	<1	5.05	<0.5	28	25.1	56.3	56.0	5.32	25
D64086 (354657)		<0.5	7.36	<1	152	<0.5	<1	7.25	<0.5	5	43.4	165	154	8.27	24
D64087 (354658)		1.0	3.32	<1	714	<0.5	<1	7.40	<0.5	79	66.4	586	114	9.58	24
D64088 (354659)		0.6	7.86	<1	240	<0.5	<1	4.91	<0.5	31	26.1	84.1	41.4	5.32	24
D64089 (354660)		<0.5	8.48	<1	214	<0.5	<1	5.32	<0.5	27	24.5	57.1	14.7	5.48	23
D64090 (354661)		<0.5	7.97	<1	225	0.8	<1	5.76	<0.5	31	28.2	129	75.8	5.46	24
D64091 (354662)		<0.5	8.30	<1	299	0.5	<1	5.21	<0.5	29	25.5	72.6	10.0	5.17	26
D64092 (354663)		<0.5	0.25	<1	18	<0.5	<1	30.8	<0.5	<1	2.0	6.7	<0.5	0.21	<5
D64093 (354664)		<0.5	8.14	<1	271	<0.5	<1	6.26	<0.5	24	22.2	38.3	31.0	5.15	23
D64094 (354665)		<0.5	8.29	<1	358	0.5	<1	5.70	<0.5	28	26.0	76.9	22.1	5.42	25
D64095 (354666)		<0.5	8.33	<1	349	<0.5	<1	5.42	<0.5	27	23.6	47.6	<0.5	5.24	24
D64096 (354667)		0.5	7.25	1	365	0.8	<1	6.21	<0.5	40	31.6	299	24.7	6.09	23
D64097 (354668)		<0.5	6.71	<1	152	1.3	<1	2.14	<0.5	4	3.4	24.7	4.8	3.51	25
D64098 (354669)		<0.5	6.92	<1	152	1.3	<1	2.15	<0.5	5	2.9	38.5	5.8	3.81	24
D64099 (354670)		<0.5	6.99	<1	1480	0.8	<1	1.33	<0.5	4	1.1	64.7	3.5	1.12	16
D64100 (354671)		<0.5	7.00	2	1520	0.8	<1	1.33	<0.5	9	2.0	20.5	2.1	1.49	17
D64101 (354672)		<0.5	8.30	<1	389	0.7	<1	3.16	<0.5	26	16.4	90.1	<0.5	4.85	26
D64102 (354673)		1.0	6.16	<1	1180	0.8	<1	1.28	<0.5	5	3.0	19.7	8.8	3.12	19
D64103 (354674)		<0.5	7.34	2	2290	0.6	<1	1.06	<0.5	4	1.8	58.7	12.4	0.97	15
D64104 (354675)		<0.5	6.98	2	2640	<0.5	<1	0.69	<0.5	4	1.1	15.9	2.3	0.37	12

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T493374

PROJECT: AGAT00693

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D64105 (354676)		<0.5	7.83	3	3480	<0.5	<1	0.33	<0.5	11	2.2	59.3	2.3	0.83	15
D64106 (354677)		<0.5	7.26	<1	154	<0.5	<1	6.99	<0.5	5	44.9	151	157	7.97	24
D64107 (354678)		<0.5	7.54	<1	1720	0.6	<1	1.49	<0.5	12	5.9	21.0	<0.5	1.87	20
D64108 (354679)		<0.5	8.26	<1	398	0.8	<1	3.61	<0.5	21	17.7	93.4	1.4	4.46	25
D64109 (354680)		0.5	8.34	<1	465	<0.5	<1	4.07	<0.5	25	22.2	41.6	<0.5	4.96	25
D64110 (354681)		<0.5	7.49	<1	498	1.0	<1	4.61	<0.5	37	28.1	350	10.5	4.87	24
D64111 (354682)		<0.5	8.15	1	466	1.1	<1	1.85	<0.5	14	3.1	17.7	11.8	1.27	22
D64112 (354683)		<0.5	0.18	<1	33	<0.5	<1	31.3	<0.5	<1	0.8	5.7	<0.5	0.11	<5
D64113 (354684)		<0.5	7.12	1	675	0.8	<1	1.03	<0.5	5	1.2	54.6	6.1	0.50	18
D64114 (354685)		<0.5	7.58	<1	302	1.9	<1	3.16	<0.5	21	13.4	36.1	<0.5	3.12	24
D64115 (354686)		0.7	6.79	5	648	0.9	<1	1.28	<0.5	11	6.6	28.0	6.5	1.19	21
D64116 (354687)		0.8	2.23	<1	835	4.7	<1	6.93	<0.5	91	62.1	666	69.3	8.71	18
D64117 (354688)		3.1	7.08	4	618	1.0	<1	1.10	<0.5	17	1.6	24.9	4.8	0.70	20
D64118 (354689)		2.9	7.15	3	652	1.0	<1	1.29	<0.5	19	3.3	36.4	6.0	0.88	20
D64119 (354690)		<0.5	6.92	1	602	0.9	<1	0.94	<0.5	17	1.0	52.3	7.8	0.61	17
D64120 (354691)		1.1	7.01	<1	656	1.0	<1	1.10	<0.5	30	1.7	16.0	14.8	0.92	18
D64121 (354692)		0.6	7.06	4	916	1.0	<1	0.89	<0.5	61	1.1	57.7	3.5	0.82	18
D64122 (354693)		0.6	7.42	1	973	1.0	<1	1.04	<0.5	65	1.2	17.3	2.5	0.86	19
D64123 (354694)		0.7	7.56	<1	1080	0.9	<1	0.99	<0.5	67	1.1	15.7	1.5	0.94	18
D64124 (354695)		0.7	7.26	4	1310	0.9	<1	1.08	<0.5	57	1.1	12.8	2.1	0.90	17
D64125 (354696)		0.6	7.27	3	1390	0.8	<1	1.25	<0.5	45	1.6	59.9	4.9	0.80	16
D64126 (354697)		<0.5	7.23	9	87	<0.5	<1	7.41	<0.5	5	42.4	165	157	7.29	23
D64127 (354698)		0.8	7.35	3	1250	0.6	<1	1.26	<0.5	48	1.5	44.3	1.8	0.85	17
D64128 (354699)		0.7	7.23	2	1150	0.6	<1	1.05	<0.5	66	1.3	44.3	1.2	0.99	17
D64129 (354700)		0.6	7.49	1	1330	0.7	<1	1.03	<0.5	53	1.6	50.6	2.7	0.96	17
D64130 (354701)		0.6	7.29	2	1430	0.8	<1	1.04	<0.5	34	1.7	45.7	2.1	0.81	17
D64131 (354702)		0.7	7.54	<1	1280	0.7	<1	1.35	<0.5	6	1.7	38.6	2.3	0.85	17
D64132 (354703)		<0.5	0.23	<1	44	<0.5	<1	30.5	<0.5	<1	1.6	6.3	<0.5	0.09	<5
D64133 (354704)		0.5	7.13	2	1530	0.6	<1	1.24	<0.5	47	1.8	83.7	3.1	0.80	17
D64134 (354705)		<0.5	7.19	<1	1560	0.6	<1	1.16	<0.5	4	1.3	65.3	4.8	0.50	16
D64135 (354706)		0.5	7.27	1	1490	0.7	<1	1.22	<0.5	4	1.6	77.8	2.9	0.69	16
D64136 (354707)		0.5	7.97	2	1070	0.9	<1	1.67	<0.5	5	1.3	76.0	1.9	1.07	20

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T493374

PROJECT: AGAT00693

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 15, 2019	DATE RECEIVED: Jul 16, 2019							DATE REPORTED: Jul 30, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D64137 (354708)	0.7	7.37	2	1490	0.8	<1	1.34	<0.5	4	0.9	72.7	1.8	0.61	16	
D64138 (354709)	0.7	7.50	<1	1470	0.8	<1	1.35	<0.5	4	1.0	80.7	2.0	0.57	15	
D64139 (354710)	0.7	8.35	<1	221	0.7	<1	3.03	<0.5	23	18.0	144	<0.5	3.95	25	
D64140 (354711)	0.5	8.34	<1	218	<0.5	<1	3.03	<0.5	23	18.3	115	2.2	3.88	25	
D64141 (354712)	0.6	8.34	<1	297	1.0	<1	3.13	<0.5	26	18.2	121	49.0	4.23	24	
D64142 (354713)	0.7	7.86	<1	123	<0.5	<1	2.34	<0.5	21	17.5	127	46.6	3.66	24	
D64143 (354714)	0.5	8.03	<1	251	0.6	<1	3.25	<0.5	20	18.4	124	2.8	3.88	23	
D64144 (354715)	0.6	7.75	<1	246	<0.5	<1	3.61	<0.5	20	18.6	115	0.9	3.73	24	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D64073 (354644)		<1	1.08	14	25	2.42	722	4.0	3.10	59.1	825	<20	<50	0.01	<1
D64074 (354645)		<1	0.68	13	13	2.27	690	4.0	3.09	59.6	780	<20	<50	0.01	<1
D64075 (354646)		<1	0.62	14	11	2.45	722	4.6	3.18	62.5	828	<20	<50	0.01	<1
D64076 (354647)		<1	0.63	13	9	2.33	778	3.0	2.96	56.6	790	<20	<50	0.01	<1
D64077 (354648)		<1	3.25	3	8	0.23	130	7.0	2.70	5.9	58	<20	<50	0.01	<1
D64078 (354649)		<1	3.41	3	9	0.26	144	8.8	2.76	6.8	72	<20	<50	0.01	<1
D64079 (354650)		<1	1.39	11	22	1.32	547	7.8	3.06	33.7	471	<20	<50	0.01	<1
D64080 (354651)		<1	3.74	3	3	0.12	70	8.3	2.47	2.7	55	<20	<50	<0.01	<1
D64081 (354652)		<1	1.17	19	25	2.29	804	5.0	2.87	53.2	780	<20	<50	0.01	<1
D64082 (354653)		<1	0.88	15	17	3.02	866	2.4	2.91	69.5	951	<20	<50	0.02	<1
D64083 (354654)		<1	0.52	13	10	2.34	822	4.2	2.97	58.5	804	<20	<50	0.01	<1
D64084 (354655)		<1	0.43	15	10	2.37	833	4.1	3.13	59.0	792	<20	<50	0.02	<1
D64085 (354656)		<1	0.50	15	9	2.41	871	2.0	3.60	59.0	838	<20	<50	0.02	<1
D64086 (354657)		<1	0.20	5	12	4.49	1490	<0.5	2.34	90.0	405	<20	<50	0.17	<1
D64087 (354658)		<1	1.97	44	24	9.72	1460	1.0	0.78	469	2130	<20	<50	0.19	<1
D64088 (354659)		<1	0.70	16	10	2.75	850	3.4	3.22	79.8	901	<20	<50	0.03	<1
D64089 (354660)		<1	0.71	14	9	2.59	848	2.5	3.25	64.0	835	<20	<50	0.02	<1
D64090 (354661)		<1	0.73	17	10	3.10	897	2.9	3.02	73.6	988	<20	<50	0.05	<1
D64091 (354662)		<1	0.82	15	15	2.29	791	3.5	3.13	63.7	1070	<20	<50	0.02	<1
D64092 (354663)		<1	0.03	2	1	2.24	99	<0.5	0.11	1.9	103	<20	<50	0.07	<1
D64093 (354664)		<1	0.86	13	17	2.48	812	1.2	2.86	55.6	763	<20	<50	0.02	<1
D64094 (354665)		<1	0.75	15	14	2.55	846	3.5	2.89	64.8	862	<20	<50	0.03	<1
D64095 (354666)		<1	0.69	14	12	2.34	808	1.1	2.87	61.0	794	<20	<50	0.01	<1
D64096 (354667)		<1	1.35	21	21	4.18	1100	2.9	2.52	95.3	1730	<20	<50	0.08	<1
D64097 (354668)		<1	0.54	4	3	0.14	223	2.2	3.37	6.8	66	<20	<50	0.01	1
D64098 (354669)		<1	0.55	4	3	0.13	224	6.7	3.47	7.3	52	<20	<50	0.02	<1
D64099 (354670)		<1	3.19	3	2	0.04	69	11.7	2.72	2.2	66	<20	<50	0.06	2
D64100 (354671)		<1	3.17	6	5	0.12	121	2.9	2.71	3.8	105	<20	<50	0.02	1
D64101 (354672)		<1	2.05	14	66	2.03	728	5.7	2.55	49.4	816	<20	<50	0.01	<1
D64102 (354673)		<1	2.48	5	2	0.05	170	2.4	2.54	4.0	25	<20	<50	0.02	1
D64103 (354674)		<1	4.74	3	3	0.06	89	11.2	2.50	2.9	40	<20	<50	0.02	1
D64104 (354675)		<1	5.43	3	1	0.02	40	3.2	2.04	<0.5	37	<20	<50	0.01	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T493374

PROJECT: AGAT00693

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D64105 (354676)		<1	7.58	7	6	0.09	65	10.2	1.70	2.7	55	24	<50	0.01	<1
D64106 (354677)		<1	0.21	5	12	4.41	1450	<0.5	2.32	92.4	411	<20	<50	0.17	<1
D64107 (354678)		<1	4.48	7	13	0.62	214	2.1	2.33	14.9	195	<20	<50	0.02	<1
D64108 (354679)		<1	1.61	12	33	1.95	602	6.8	2.92	48.7	662	<20	<50	0.02	<1
D64109 (354680)		<1	1.50	14	31	2.58	601	1.1	3.14	57.1	813	<20	<50	0.01	<1
D64110 (354681)		<1	1.57	19	32	4.39	801	9.8	2.45	171	1060	<20	<50	0.02	<1
D64111 (354682)		<1	2.94	8	12	0.41	169	2.1	3.36	8.1	106	<20	<50	0.02	<1
D64112 (354683)		<1	0.08	<2	<1	2.26	78	<0.5	0.08	<0.5	84	<20	<50	0.07	<1
D64113 (354684)		<1	4.82	3	4	0.16	64	10.7	2.41	4.4	121	22	<50	0.03	<1
D64114 (354685)		<1	2.29	11	25	1.34	559	1.7	2.98	33.8	471	<20	<50	0.02	<1
D64115 (354686)		<1	5.06	7	4	0.53	147	2.5	2.44	28.7	79	30	<50	0.20	<1
D64116 (354687)		<1	2.59	50	228	8.86	1270	1.0	1.45	461	926	<20	<50	0.10	<1
D64117 (354688)		<1	5.53	10	4	0.23	111	2.6	2.28	4.6	263	26	<50	0.08	2
D64118 (354689)		<1	5.71	11	9	0.45	141	10.0	2.38	17.5	306	26	<50	0.08	<1
D64119 (354690)		<1	4.16	10	3	0.09	70	12.6	2.64	1.9	51	31	<50	0.03	<1
D64120 (354691)		<1	4.28	19	4	0.19	210	2.1	2.51	8.5	63	33	<50	0.03	<1
D64121 (354692)		<1	4.40	38	2	0.11	163	11.3	2.46	1.5	121	37	<50	0.02	<1
D64122 (354693)		<1	4.36	40	2	0.14	121	2.2	2.73	<0.5	98	32	<50	0.02	<1
D64123 (354694)		<1	4.52	41	2	0.12	111	2.0	2.63	1.2	106	32	<50	0.01	<1
D64124 (354695)		<1	4.28	35	5	0.14	101	2.2	2.77	<0.5	81	<20	<50	0.01	<1
D64125 (354696)		<1	3.68	27	2	0.15	87	10.7	2.74	2.5	45	<20	<50	0.08	<1
D64126 (354697)		<1	0.24	4	13	4.43	1320	<0.5	1.67	106	357	<20	<50	0.31	<1
D64127 (354698)		<1	3.85	29	3	0.14	87	7.1	2.67	1.8	82	<20	<50	0.05	<1
D64128 (354699)		<1	4.30	40	5	0.13	91	6.8	2.40	0.8	95	21	<50	0.07	<1
D64129 (354700)		<1	4.69	32	3	0.13	92	8.7	2.53	2.7	78	21	<50	0.19	<1
D64130 (354701)		<1	4.48	22	3	0.11	82	8.8	2.48	1.1	58	20	<50	0.13	<1
D64131 (354702)		<1	3.54	5	3	0.15	90	6.5	2.95	1.6	26	<20	<50	0.08	<1
D64132 (354703)		<1	0.12	<2	<1	2.37	50	<0.5	0.09	<0.5	61	<20	<50	0.07	<1
D64133 (354704)		<1	3.88	27	2	0.13	86	15.2	2.52	6.4	42	<20	<50	0.06	2
D64134 (354705)		<1	3.95	3	1	0.09	62	12.6	2.55	2.4	28	<20	<50	0.02	<1
D64135 (354706)		<1	3.93	3	3	0.12	81	15.2	2.64	2.4	32	<20	<50	0.04	<1
D64136 (354707)		<1	2.70	4	1	0.06	89	13.3	3.45	1.1	34	<20	<50	0.05	1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T493374

PROJECT: AGAT00693

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D64137 (354708)		<1	3.36	3	1	0.02	49	15.0	3.07	1.9	33	<20	<50	0.02	2
D64138 (354709)		<1	3.29	3	2	0.02	53	16.2	3.05	1.8	28	<20	<50	0.02	<1
D64139 (354710)		<1	0.82	11	30	1.61	676	9.7	3.85	52.0	581	<20	<50	0.02	<1
D64140 (354711)		<1	0.43	12	22	1.43	628	8.3	4.15	53.7	545	<20	<50	0.02	<1
D64141 (354712)		<1	0.61	14	19	1.76	656	8.0	4.14	47.3	699	<20	<50	0.08	<1
D64142 (354713)		<1	1.01	11	26	1.86	539	9.4	3.70	50.2	494	<20	<50	0.08	<1
D64143 (354714)		<1	0.95	11	29	1.67	575	7.8	3.58	58.2	533	<20	<50	0.04	<1
D64144 (354715)		<1	0.73	11	28	1.45	588	7.3	3.05	51.1	478	<20	<50	0.03	<1

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AGAT WORK ORDER: 19T493374

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D64073 (354644)	22	<10	<5	244	<10	<10	<5	0.47	<5	<50	145	<1	22	64.7
D64074 (354645)	23	<10	<5	260	<10	<10	<5	0.46	<5	<50	151	<1	18	44.2
D64075 (354646)	21	<10	<5	253	<10	<10	<5	0.47	<5	<50	151	<1	18	53.7
D64076 (354647)	19	<10	<5	301	<10	<10	<5	0.46	<5	<50	139	<1	17	73.7
D64077 (354648)	3	<10	<5	189	<10	<10	<5	0.04	<5	<50	12.9	<1	2	21.3
D64078 (354649)	3	<10	<5	194	<10	<10	<5	0.05	<5	<50	14.3	<1	3	21.8
D64079 (354650)	13	<10	<5	202	<10	<10	<5	0.29	<5	<50	78.4	<1	13	88.3
D64080 (354651)	<1	<10	<5	189	<10	<10	<5	0.04	<5	<50	6.4	<1	1	17.7
D64081 (354652)	20	<10	<5	296	<10	<10	<5	0.44	<5	<50	139	<1	17	74.5
D64082 (354653)	22	<10	<5	315	<10	<10	<5	0.45	<5	<50	160	<1	18	76.4
D64083 (354654)	21	<10	<5	356	<10	<10	<5	0.46	<5	<50	150	<1	18	69.7
D64084 (354655)	20	<10	<5	272	<10	<10	<5	0.45	<5	<50	146	<1	18	73.1
D64085 (354656)	21	<10	<5	275	<10	<10	<5	0.48	<5	<50	150	<1	18	73.8
D64086 (354657)	46	<10	<5	113	<10	<10	<5	0.69	<5	<50	323	<1	23	87.0
D64087 (354658)	24	<10	<5	645	<10	<10	<5	2.30	<5	<50	278	<1	23	100
D64088 (354659)	20	<10	<5	315	<10	<10	<5	0.54	<5	<50	149	<1	18	76.1
D64089 (354660)	21	<10	<5	310	<10	<10	<5	0.50	<5	<50	149	<1	18	74.2
D64090 (354661)	24	<10	<5	297	<10	<10	<5	0.49	<5	<50	167	<1	19	72.3
D64091 (354662)	22	<10	<5	333	<10	<10	<5	0.47	<5	<50	156	<1	19	70.3
D64092 (354663)	1	<10	<5	73	<10	<10	<5	0.02	<5	<50	4.3	<1	3	5.1
D64093 (354664)	19	<10	<5	329	<10	<10	<5	0.45	<5	<50	137	<1	17	72.5
D64094 (354665)	22	<10	<5	378	<10	<10	<5	0.49	<5	<50	152	<1	18	73.2
D64095 (354666)	21	<10	<5	292	<10	<10	<5	0.47	<5	<50	147	<1	18	67.1
D64096 (354667)	25	<10	<5	370	<10	<10	<5	0.53	<5	<50	166	<1	18	85.2
D64097 (354668)	2	<10	<5	212	<10	<10	<5	0.10	<5	<50	35.8	<1	2	61.9
D64098 (354669)	2	<10	<5	218	<10	<10	<5	0.10	<5	<50	34.9	<1	1	62.7
D64099 (354670)	<1	<10	<5	235	<10	<10	<5	0.02	<5	<50	10.5	<1	2	14.1
D64100 (354671)	1	<10	<5	222	<10	<10	<5	0.05	<5	<50	16.7	<1	2	24.9
D64101 (354672)	21	<10	<5	186	<10	<10	<5	0.46	<5	<50	139	<1	18	166
D64102 (354673)	2	<10	<5	202	<10	<10	<5	0.07	<5	<50	33.5	<1	1	44.3
D64103 (354674)	1	<10	<5	246	<10	<10	<5	0.03	<5	<50	11.6	<1	2	18.7
D64104 (354675)	<1	<10	<5	236	<10	<10	<5	<0.01	<5	<50	2.7	<1	1	4.2

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T493374

PROJECT: AGAT00693

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D64105 (354676)	<1	<10	<5	244	<10	<10	<5	0.04	<5	<50	6.4	<1	1	17.0
D64106 (354677)	46	<10	<5	111	<10	<10	<5	0.67	<5	<50	322	<1	23	84.6
D64107 (354678)	5	<10	<5	230	<10	<10	<5	0.12	<5	<50	34.2	<1	4	35.9
D64108 (354679)	17	<10	<5	231	<10	<10	<5	0.38	<5	<50	120	<1	13	75.4
D64109 (354680)	20	<10	<5	336	<10	<10	<5	0.45	<5	<50	141	<1	17	41.3
D64110 (354681)	18	<10	<5	374	<10	<10	<5	0.38	<5	<50	125	<1	15	78.9
D64111 (354682)	3	<10	<5	165	<10	<10	<5	0.10	<5	<50	18.5	<1	3	35.5
D64112 (354683)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	3.4
D64113 (354684)	<1	<10	<5	150	<10	<10	<5	0.03	<5	<50	5.7	<1	3	9.4
D64114 (354685)	13	<10	<5	188	<10	<10	<5	0.25	<5	<50	84.4	<1	12	58.0
D64115 (354686)	3	<10	<5	173	<10	<10	<5	0.09	<5	<50	23.0	<1	4	24.1
D64116 (354687)	39	<10	<5	709	<10	<10	<5	1.02	<5	<50	324	<1	25	103
D64117 (354688)	2	<10	<5	150	<10	<10	20	0.04	<5	<50	6.6	<1	14	22.5
D64118 (354689)	2	<10	<5	172	<10	<10	14	0.07	<5	<50	13.1	<1	15	24.5
D64119 (354690)	<1	<10	<5	140	<10	<10	29	0.03	<5	<50	4.2	<1	3	12.0
D64120 (354691)	2	<10	<5	152	<10	<10	23	0.05	<5	<50	5.6	<1	6	21.4
D64121 (354692)	2	<10	<5	156	<10	<10	33	0.05	<5	<50	4.5	<1	5	25.2
D64122 (354693)	2	<10	<5	180	<10	<10	33	0.06	<5	<50	5.5	<1	4	24.9
D64123 (354694)	1	<10	<5	189	<10	<10	32	0.06	<5	<50	6.1	<1	4	25.9
D64124 (354695)	2	<10	<5	213	<10	<10	23	0.06	<5	<50	6.5	<1	3	24.1
D64125 (354696)	1	<10	<5	228	<10	<10	10	0.05	<5	<50	4.8	<1	2	25.3
D64126 (354697)	42	<10	<5	168	<10	<10	<5	0.58	<5	<50	289	<1	20	76.8
D64127 (354698)	1	<10	<5	225	<10	<10	15	0.06	<5	<50	4.5	<1	2	23.2
D64128 (354699)	1	<10	<5	202	<10	<10	21	0.06	<5	<50	5.7	<1	2	25.5
D64129 (354700)	1	<10	<5	207	<10	<10	16	0.06	<5	<50	5.7	<1	2	25.1
D64130 (354701)	1	<10	<5	211	<10	<10	14	0.05	<5	<50	5.1	<1	2	21.8
D64131 (354702)	1	<10	<5	227	<10	<10	<5	0.06	<5	<50	5.3	<1	1	23.5
D64132 (354703)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	0.8	<1	2	3.4
D64133 (354704)	1	<10	<5	219	<10	<10	11	0.05	<5	<50	5.0	<1	1	21.2
D64134 (354705)	<1	<10	<5	226	<10	<10	<5	0.03	<5	<50	2.9	<1	<1	13.7
D64135 (354706)	1	<10	<5	227	<10	<10	<5	0.04	<5	<50	5.9	<1	1	18.0
D64136 (354707)	<1	<10	<5	244	<10	<10	<5	0.04	<5	<50	6.9	<1	<1	18.8

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T493374

PROJECT: AGAT00693

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm
		1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D64137 (354708)		<1	<10	<5	234	<10	<10	<5	0.01	<5	<50	4.1	<1	2	9.8
D64138 (354709)		<1	<10	<5	235	<10	<10	<5	0.01	<5	<50	3.2	<1	2	10.0
D64139 (354710)		16	<10	<5	234	<10	<10	<5	0.33	<5	<50	104	<1	12	65.4
D64140 (354711)		16	<10	<5	246	<10	<10	<5	0.33	<5	<50	108	<1	12	60.6
D64141 (354712)		17	<10	<5	357	<10	<10	<5	0.33	<5	<50	117	<1	12	71.8
D64142 (354713)		15	<10	<5	219	<10	<10	<5	0.31	<5	<50	95.9	<1	9	66.2
D64143 (354714)		16	<10	<5	214	<10	<10	<5	0.30	<5	<50	102	<1	11	76.6
D64144 (354715)		15	<10	<5	192	<10	<10	<5	0.29	<5	<50	102	<1	11	62.0

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## Certificate of Analysis

AGAT WORK ORDER: 19T493374

PROJECT: AGAT00693

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D64073 (354644)				113
D64074 (354645)				37
D64075 (354646)				107
D64076 (354647)				76
D64077 (354648)				47
D64078 (354649)				59
D64079 (354650)				104
D64080 (354651)				64
D64081 (354652)				118
D64082 (354653)				120
D64083 (354654)				81
D64084 (354655)				113
D64085 (354656)				110
D64086 (354657)				56
D64087 (354658)				299
D64088 (354659)				119
D64089 (354660)				104
D64090 (354661)				73
D64091 (354662)				80
D64092 (354663)				<5
D64093 (354664)				95
D64094 (354665)				37
D64095 (354666)				53
D64096 (354667)				112
D64097 (354668)				20
D64098 (354669)				23
D64099 (354670)				70
D64100 (354671)				98
D64101 (354672)				101
D64102 (354673)				186
D64103 (354674)				84
D64104 (354675)				12

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## Certificate of Analysis

AGAT WORK ORDER: 19T493374

PROJECT: AGAT00693

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D64105 (354676)			9
D64106 (354677)			57
D64107 (354678)			42
D64108 (354679)			112
D64109 (354680)			121
D64110 (354681)			109
D64111 (354682)			101
D64112 (354683)			<5
D64113 (354684)			57
D64114 (354685)			86
D64115 (354686)			80
D64116 (354687)			198
D64117 (354688)			598
D64118 (354689)			542
D64119 (354690)			85
D64120 (354691)			185
D64121 (354692)			117
D64122 (354693)			131
D64123 (354694)			123
D64124 (354695)			134
D64125 (354696)			126
D64126 (354697)			49
D64127 (354698)			147
D64128 (354699)			134
D64129 (354700)			125
D64130 (354701)			109
D64131 (354702)			132
D64132 (354703)			<5
D64133 (354704)			119
D64134 (354705)			82
D64135 (354706)			97
D64136 (354707)			112

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T493374

PROJECT: AGAT00693

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D64137 (354708)	130
D64138 (354709)	115
D64139 (354710)	127
D64140 (354711)	106
D64141 (354712)	122
D64142 (354713)	109
D64143 (354714)	107
D64144 (354715)	120

Comments: RDL - Reported Detection Limit

354644-354715 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T493374

PROJECT: AGAT00693

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D64073 (354644)		0.001	
D64074 (354645)		<0.001	
D64075 (354646)		<0.001	
D64076 (354647)		0.002	
D64077 (354648)		<0.001	
D64078 (354649)		<0.001	
D64079 (354650)		0.001	
D64080 (354651)		0.001	
D64081 (354652)		0.005	
D64082 (354653)		0.002	
D64083 (354654)		0.002	
D64084 (354655)		0.002	
D64085 (354656)		0.003	
D64086 (354657)		0.528	
D64087 (354658)		0.001	
D64088 (354659)		0.002	
D64089 (354660)		0.001	
D64090 (354661)		0.002	
D64091 (354662)		0.001	
D64092 (354663)		<0.001	
D64093 (354664)		0.002	
D64094 (354665)		0.002	
D64095 (354666)		0.001	
D64096 (354667)		0.001	
D64097 (354668)		0.001	
D64098 (354669)		<0.001	
D64099 (354670)		<0.001	
D64100 (354671)		0.001	
D64101 (354672)		<0.001	
D64102 (354673)		<0.001	
D64103 (354674)		<0.001	
D64104 (354675)		<0.001	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T493374

PROJECT: AGAT00693

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D64105 (354676)			0.002
D64106 (354677)			0.539
D64107 (354678)			<0.001
D64108 (354679)			0.002
D64109 (354680)			0.002
D64110 (354681)			0.006
D64111 (354682)			0.003
D64112 (354683)			<0.001
D64113 (354684)			0.001
D64114 (354685)			0.001
D64115 (354686)			0.001
D64116 (354687)			0.002
D64117 (354688)			0.002
D64118 (354689)			0.004
D64119 (354690)			0.006
D64120 (354691)			0.002
D64121 (354692)			0.002
D64122 (354693)			0.001
D64123 (354694)			0.002
D64124 (354695)			0.008
D64125 (354696)			0.001
D64126 (354697)			1.21
D64127 (354698)			0.002
D64128 (354699)			0.001
D64129 (354700)			0.001
D64130 (354701)			0.001
D64131 (354702)			<0.001
D64132 (354703)			0.001
D64133 (354704)			0.449
D64134 (354705)			0.002
D64135 (354706)			0.002
D64136 (354707)			0.002

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## Certificate of Analysis

AGAT WORK ORDER: 19T493374

PROJECT: AGAT00693

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Analyte:	Unit:	RDL:
Au	ppm	0.001
Sample ID (AGAT ID)		
D64137 (354708)		<0.001
D64138 (354709)		0.002
D64139 (354710)		0.002
D64140 (354711)		0.004
D64141 (354712)		0.016
D64142 (354713)		0.030
D64143 (354714)		0.014
D64144 (354715)		0.004

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T493374

PROJECT: AGAT00693

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D64073 (354644)		78.21
D64091 (354662)		86.05
D64111 (354682)		86.15
D64131 (354702)		86.44

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T493374

PROJECT: AGAT00693

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D64073 (354644)		85.87
D64113 (354684)		86.03

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:







CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	354644	< 0.5	< 0.5	0.0%	354658	1.0	1.5		354669	< 0.5	< 0.5	0.0%	354682	0.5	0.6	18.2%
Al	354644	8.70	8.91	2.4%	354658	3.32	3.34	0.6%	354669	6.92	6.73	2.8%	354682	8.15	8.00	1.9%
As	354644	< 1	< 1	0.0%	354658	< 1	< 1	0.0%	354669	< 1	< 1	0.0%	354682	1	1	0.0%
Ba	354644	180	183	1.7%	354658	714	720	0.8%	354669	152	144	5.4%	354682	466	473	1.5%
Be	354644	0.8	0.8	0.0%	354658	< 0.5	< 0.5	0.0%	354669	1.3	1.44	6.5%	354682	1.1	1.1	0.0%
Bi	354644	< 1	< 1	0.0%	354658	< 1	< 1	0.0%	354669	< 1	< 1	0.0%	354682	< 1	< 1	0.0%
Ca	354644	4.85	5.01	3.2%	354658	7.40	7.56	2.1%	354669	2.15	2.05	4.8%	354682	1.85	1.84	0.5%
Cd	354644	< 0.5	< 0.5	0.0%	354658	< 0.5	< 0.5	0.0%	354669	< 0.5	< 0.5	0.0%	354682	< 0.5	< 0.5	0.0%
Ce	354644	29	31	6.7%	354658	79	80	1.3%	354669	5	4	22.2%	354682	14	12	15.4%
Co	354644	20.3	19.6	3.5%	354658	66.4	67.1	1.0%	354669	2.9	1.8		354682	3.1	3.1	0.0%
Cr	354644	77.6	68.0	13.2%	354658	586	633	7.7%	354669	53.2	55.0	3.3%	354682	17.7	17.6	0.6%
Cu	354644	< 0.5	< 0.5	0.0%	354658	114	116	1.7%	354669	5.8	4.9	16.8%	354682	11.8	11.0	7.0%
Fe	354644	4.92	5.06	2.8%	354658	9.58	9.80	2.3%	354669	3.81	3.37	12.3%	354682	1.27	1.20	5.7%
Ga	354644	26	27	3.8%	354658	24	24	0.0%	354669	24	22	8.7%	354682	22	22	0.0%
In	354644	< 1	< 1	0.0%	354658	< 1	< 1	0.0%	354669	< 1	< 1	0.0%	354682	< 1	< 1	0.0%
K	354644	1.08	1.11	2.7%	354658	1.97	1.95	1.0%	354669	0.55	0.524	5.2%	354682	2.94	2.88	2.1%
La	354644	14	14	0.0%	354658	44	45	2.2%	354669	4	4	0.0%	354682	8	8	0.0%
Li	354644	25	26	3.9%	354658	24	23	4.3%	354669	3	3	0.0%	354682	12	12	0.0%
Mg	354644	2.42	2.51	3.7%	354658	9.72	9.91	1.9%	354669	0.13	0.11	16.7%	354682	0.412	0.365	12.1%
Mn	354644	722	745	3.1%	354658	1460	1470	0.7%	354669	224	194	14.4%	354682	169	157	7.4%
Mo	354644	4.0	3.0	28.6%	354658	1.0	0.7		354669	6.7	7.0	4.4%	354682	2.1	2.1	0.0%
Na	354644	3.10	3.12	0.6%	354658	0.782	0.788	0.8%	354669	3.47	3.58	3.1%	354682	3.36	3.37	0.3%
Ni	354644	59.1	58.4	1.2%	354658	469	481	2.5%	354669	7.3	5.9	21.2%	354682	8.1	7.0	14.6%
P	354644	825	836	1.3%	354658	2130	2140	0.5%	354669	52	40	26.1%	354682	106	115	8.1%
Pb	354644	< 20	< 20	0.0%	354658	< 20	< 20	0.0%	354669	< 20	< 20	0.0%	354682	< 20	< 20	0.0%
Rb	354644	< 50	< 50	0.0%	354658	< 50	< 50	0.0%	354669	< 50	< 50	0.0%	354682	< 50	< 50	0.0%
S	354644	0.01	0.01	0.0%	354658	0.19	0.19	0.0%	354669	0.02	0.014	6.9%	354682	0.02	0.02	0.0%
Sb	354644	< 1	< 1	0.0%	354658	< 1	< 1	0.0%	354669	< 1	< 1	0.0%	354682	< 1	< 1	0.0%
Sc	354644	22	22	0.0%	354658	24	25	4.1%	354669	2	1		354682	3	3	0.0%
Se	354644	< 10	< 10	0.0%	354658	< 10	< 10	0.0%	354669	< 10	< 10	0.0%	354682	< 10	< 10	0.0%
Sn	354644	< 5	< 5	0.0%	354658	< 5	< 5	0.0%	354669	< 5	< 5	0.0%	354682	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	354644	244	250	2.4%	354658	645	636	1.4%	354669	218	215	1.4%	354682	165	165	0.0%
Ta	354644	< 10	< 10	0.0%	354658	< 10	< 10	0.0%	354669	< 10	< 10	0.0%	354682	< 10	< 10	0.0%
Te	354644	< 10	< 10	0.0%	354658	< 10	< 10	0.0%	354669	< 10	< 10	0.0%	354682	< 10	< 10	0.0%
Th	354644	< 5	< 5	0.0%	354658	< 5	< 5	0.0%	354669	< 5	< 5	0.0%	354682	< 5	< 5	0.0%
Ti	354644	0.474	0.491	3.5%	354658	2.30	2.33	1.3%	354669	0.10	0.09	10.5%	354682	0.099	0.093	6.3%
Tl	354644	< 5	< 5	0.0%	354658	< 5	< 5	0.0%	354669	< 5	< 5	0.0%	354682	< 5	< 5	0.0%
U	354644	< 50	< 50	0.0%	354658	< 50	< 50	0.0%	354669	< 50	< 50	0.0%	354682	< 50	< 50	0.0%
V	354644	145	147	1.4%	354658	278	286	2.8%	354669	34.9	30.7	12.8%	354682	18.5	18.1	2.2%
W	354644	< 1	< 1	0.0%	354658	< 1	< 1	0.0%	354669	< 1	< 1	0.0%	354682	< 1	< 1	0.0%
Y	354644	22	22	0.0%	354658	23	23	0.0%	354669	1	1	0.0%	354682	3	3	0.0%
Zn	354644	64.7	68.3	5.4%	354658	100	105	4.9%	354669	62.7	58.8	6.4%	354682	35.5	33.6	5.5%
Zr	354644	113	106	6.4%	354658	299	308	3.0%	354669	23	21	9.1%	354682	101	113	11.2%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	354694	0.65	0.64	1.6%	354708	0.7	0.7	0.0%								
Al	354694	7.56	7.09	6.4%	354708	7.37	7.21	2.2%								
As	354694	< 1	1		354708	2	2	0.0%								
Ba	354694	1080	1010	6.7%	354708	1490	1480	0.7%								
Be	354694	0.9	0.9	0.0%	354708	0.8	0.8	0.0%								
Bi	354694	< 1	< 1	0.0%	354708	< 1	< 1	0.0%								
Ca	354694	0.99	0.93	6.3%	354708	1.34	1.28	4.6%								
Cd	354694	< 0.5	< 0.5	0.0%	354708	< 0.5	< 0.5	0.0%								
Ce	354694	67	70	4.4%	354708	4	4	0.0%								
Co	354694	1.1	1.3	16.7%	354708	0.9	0.9	0.0%								
Cr	354694	15.7	18.4	15.8%	354708	72.7	77.5	6.4%								
Cu	354694	1.5	1.7	12.5%	354708	1.8	2.0	10.5%								
Fe	354694	0.935	0.864	7.9%	354708	0.605	0.598	1.2%								
Ga	354694	18	17	5.7%	354708	16	16	0.0%								
In	354694	< 1	< 1	0.0%	354708	< 1	< 1	0.0%								
K	354694	4.52	4.24	6.4%	354708	3.36	3.22	4.3%								
La	354694	41	43	4.8%	354708	3	3	0.0%								
Li	354694	2	2	0.0%	354708	1	1	0.0%								
Mg	354694	0.121	0.112	7.7%	354708	0.015	0.015	0.0%								
Mn	354694	111	105	5.6%	354708	49	50	2.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	354694	2.0	2.1	4.9%	354708	15.0	15.9	5.8%								
Na	354694	2.63	2.48	5.9%	354708	3.07	2.99	2.6%								
Ni	354694	1.22	1.28	4.8%	354708	1.9	1.8	5.4%								
P	354694	106	109	2.8%	354708	33	30	9.5%								
Pb	354694	32	31	3.2%	354708	< 20	< 20	0.0%								
Rb	354694	< 50	< 50	0.0%	354708	< 50	< 50	0.0%								
S	354694	0.01	0.01	0.0%	354708	0.02	0.04									
Sb	354694	< 1	2		354708	2	< 1									
Sc	354694	1	1	0.0%	354708	< 1	< 1	0.0%								
Se	354694	< 10	< 10	0.0%	354708	< 10	< 10	0.0%								
Sn	354694	< 5	< 5	0.0%	354708	< 5	< 5	0.0%								
Sr	354694	189	177	6.6%	354708	234	232	0.9%								
Ta	354694	< 10	< 10	0.0%	354708	< 10	< 10	0.0%								
Te	354694	< 10	< 10	0.0%	354708	< 10	< 10	0.0%								
Th	354694	32	36	11.8%	354708	< 5	< 5	0.0%								
Ti	354694	0.061	0.055	10.3%	354708	0.01	0.01	0.0%								
Tl	354694	< 5	< 5	0.0%	354708	< 5	< 5	0.0%								
U	354694	< 50	< 50	0.0%	354708	< 50	< 50	0.0%								
V	354694	6.06	5.40	11.5%	354708	4.08	4.35	6.4%								
W	354694	< 1	< 1	0.0%	354708	< 1	< 1	0.0%								
Y	354694	4	4	0.0%	354708	2	2	0.0%								
Zn	354694	25.9	23.9	8.0%	354708	9.76	9.17	6.2%								
Zr	354694	123	123	0.0%	354708	130	135	3.8%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	354644	0.001	< 0.001		354658	0.0013	0.0015	14.3%	354669	< 0.001	0.001		354682	0.003	0.001	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	354694	0.002	0.002	0.0%	354708	< 0.001	0.001									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GTS-2a)				CRM #2 (ref.SY-4)				CRM #3 (ref.Till-2)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al					10.95	11.16	102%	90% - 110%	8.17	8.31	102%	90% - 110%				
As									26	25	98%	90% - 110%				
Ba					340	354	104%	90% - 110%	540	529	98%	90% - 110%				
Be					2.6	2.6	102%	90% - 110%	4.0	3.1	78%	90% - 110%				
Ca					5.72	6.06	106%	90% - 110%	0.907	0.934	103%	90% - 110%				
Ce					122	110	90%	90% - 110%	98	95	97%	90% - 110%				
Co	22.1	22.9	103%	90% - 110%									191	186	97%	90% - 110%
Cr									60.3	64.8	107%	90% - 110%				
Cu									150	150	100%	90% - 110%				
Fe					4.34	4.29	99%	90% - 110%	3.77	3.77	100%	90% - 110%				
Ga					35	38	107%	90% - 110%								
K					1.37	1.46	107%	90% - 110%								
La					58	54	93%	90% - 110%	44	44	101%	90% - 110%				
Li					37	39	105%	90% - 110%	47	47	100%	90% - 110%				
Mg					0.325	0.315	97%	90% - 110%	1.10	1.13	102%	90% - 110%				
Mn									780	807	103%	90% - 110%				
Mo									14	14	100%	90% - 110%				
Na					5.267	5.499	104%	90% - 110%	1.624	1.679	103%	90% - 110%				
Ni									32	34	107%	90% - 110%				
P									750	800	107%	90% - 110%				
Pb									31	29	93%	90% - 110%				
Sc					1.1	0.9	80%	90% - 110%	12	13	108%	90% - 110%				
Sr					1191	1174	99%	90% - 110%	144	147	102%	90% - 110%				
Ti					0.172	0.173	101%	90% - 110%	0.53	0.48	91%	90% - 110%				
V					8	6	80%	90% - 110%	77	81	105%	90% - 110%				
Y					119	119	100%	90% - 110%								
Zn					93	99	106%	90% - 110%	130	131	101%	90% - 110%				
	CRM #5 (ref.GTS-2a)				CRM #6 (ref.WMG-1a)											
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Ag					3.03	3.09	102%	90% - 110%								
Al	6.96	6.84	98%	90% - 110%	4.75	4.86	102%	90% - 110%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

As	124	129	104%	90% - 110%											
Ba	186	184	99%	90% - 110%	216	231	107%	90% - 110%							
Ca	4.01	3.96	99%	90% - 110%	10	10	97%	90% - 110%							
Ce	24	22	91%	90% - 110%											
Co	22.1	24.2	109%	90% - 110%	191	184	96%	90% - 110%							
Cr					670	614	91%	90% - 110%							
Cu	88.6	85.6	97%	90% - 110%	7120	7259	102%	90% - 110%							
Fe	7.56	7.24	96%	90% - 110%	12.71	12.02	95%	90% - 110%							
K	2.021	2.03	100%	90% - 110%	0.1021	0.1086	106%	90% - 110%							
La					8.47	9.04	106%	90% - 110%							
Mg	2.412	2.424	101%	90% - 110%	7.41	7.37	99%	90% - 110%							
Mn	1510	1489	99%	90% - 110%											
Na	0.617	0.625	101%	90% - 110%	0.112	0.122	109%	90% - 110%							
Ni	77.1	76.8	100%	90% - 110%	2480	2322	94%	90% - 110%							
P	892	963	108%	90% - 110%	731	740	101%	90% - 110%							
S	0.348	0.351	101%	90% - 110%											
Sc					21.33	22.05	103%	90% - 110%							
Sr	92.8	86.8	93%	90% - 110%	39	37	95%	90% - 110%							
Ti					0.419	0.409	98%	90% - 110%							
V					158	166	105%	90% - 110%							
Y					12.67	13.55	107%	90% - 110%							
Zn	208	216	104%	90% - 110%	112	113	101%	90% - 110%							
Zr					35.7	37.3	104%	90% - 110%							

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GS5W)				CRM #3 (ref.GSP5G)				CRM #4 (ref.GSP7M)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.24	91%	90% - 110%	5.27	5.56	106%	90% - 110%	0.562	0.51	91%	90% - 110%	0.725	0.757	104%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00693  
 SAMPLING SITE:

AGAT WORK ORDER: 19T493374  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00694

AGAT WORK ORDER: 19T493377

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Aug 08, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

# Certificate of Analysis

AGAT WORK ORDER: 19T493377

PROJECT: AGAT00694

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Aug 08, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D63271 (354721)		2.91
D63272 (354722)		0.59
D63273 (354723)		2.46
D63274 (354724)		1.45
D63275 (354725)		2.25
D63276 (354726)		2.79
D63277 (354727)		2.58
D63278 (354728)		2.58
D63279 (354729)		2.30
D63280 (354730)		2.51
D63281 (354731)		2.64
D63282 (354732)		1.81
D63283 (354733)		1.37
D63284 (354734)		1.77
D63285 (354735)		2.48
D63286 (354736)		0.07
D63287 (354737)		2.60
D63288 (354738)		2.59
D63289 (354739)		2.54
D63290 (354740)		2.49
D63291 (354741)		2.59
D63292 (354742)		0.58
D63293 (354743)		2.64
D63294 (354744)		2.40
D63295 (354745)		2.41
D63296 (354746)		2.57
D63297 (354747)		2.52
D63298 (354748)		2.52
D63299 (354749)		2.64
D63300 (354750)		2.53
D63301 (354751)		2.57

Certified By:





# Certificate of Analysis

AGAT WORK ORDER: 19T493377

PROJECT: AGAT00694

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Aug 08, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D63302 (354752)		2.55
D63303 (354753)		2.50
D63304 (354754)		2.41
D63305 (354755)		2.11
D63306 (354756)		0.07
D63307 (354757)		2.46
D63308 (354758)		2.48
D63309 (354759)		2.98
D63310 (354760)		2.50
D63311 (354761)		2.04
D63312 (354762)		0.61
D63313 (354763)		2.42
D63314 (354764)		2.83
D63315 (354765)		2.34
D63316 (354766)		2.38
D63317 (354767)		1.75
D63318 (354768)		1.75
D63319 (354769)		3.13
D63320 (354770)		0.76
D63321 (354771)		1.69
D63322 (354772)		1.08
D63323 (354773)		1.72
D63324 (354774)		2.11
D63325 (354775)		1.01
D63326 (354776)		0.07
D63327 (354777)		2.42
D63328 (354778)		1.07
D63329 (354779)		1.82
D63330 (354780)		1.69
D63331 (354781)		2.27
D63332 (354782)		0.60

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T493377

PROJECT: AGAT00694

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Aug 08, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D63333 (354783)		1.58
D63334 (354784)		1.55
D63335 (354785)		0.99
D63336 (354786)		1.77
D63337 (354787)		1.09
D63338 (354788)		1.09
D63339 (354789)		1.68
D63340 (354790)		1.00
D63341 (354791)		1.72
D63342 (354792)		1.64

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T493377

PROJECT: AGAT00694

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Aug 08, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D63271 (354721)		<0.5	7.04	<1	326	0.7	<1	6.24	<0.5	39	43.4	76.9	87.0	10.3	32
D63272 (354722)		<0.5	0.09	1	19	<0.5	<1	32.4	<0.5	<1	0.6	3.7	<0.5	0.12	<5
D63273 (354723)		<0.5	7.19	<1	317	0.6	<1	6.31	<0.5	38	42.4	81.2	88.3	10.2	33
D63274 (354724)		<0.5	7.19	<1	326	0.7	<1	6.63	<0.5	39	42.2	97.3	88.0	10.4	34
D63275 (354725)		<0.5	8.31	<1	134	1.6	<1	5.85	<0.5	25	27.1	75.9	18.7	7.05	26
D63276 (354726)		<0.5	8.37	<1	113	0.9	<1	5.84	<0.5	20	27.0	95.4	40.7	6.72	25
D63277 (354727)		<0.5	8.62	<1	130	1.2	<1	6.25	<0.5	19	27.1	82.0	26.6	6.74	25
D63278 (354728)		<0.5	8.67	<1	126	1.2	<1	6.09	<0.5	19	27.0	60.9	24.2	6.55	25
D63279 (354729)		<0.5	8.17	<1	115	1.6	<1	5.96	<0.5	16	30.2	110	39.9	7.29	25
D63280 (354730)		<0.5	8.31	<1	104	<0.5	<1	5.88	<0.5	17	30.6	107	69.8	7.85	26
D63281 (354731)		<0.5	8.27	<1	135	<0.5	<1	5.86	<0.5	22	33.2	112	54.9	8.36	28
D63282 (354732)		<0.5	8.39	<1	120	1.1	<1	5.44	<0.5	19	25.4	99.3	37.3	7.27	26
D63283 (354733)		<0.5	8.39	<1	91	1.8	<1	5.26	0.7	28	24.7	93.5	167	7.36	27
D63284 (354734)		<0.5	8.84	<1	109	<0.5	<1	6.21	<0.5	15	28.0	139	41.9	7.04	25
D63285 (354735)		<0.5	8.92	<1	114	0.6	<1	6.56	<0.5	17	30.1	119	45.1	7.36	26
D63286 (354736)		<0.5	7.54	<1	192	<0.5	<1	6.50	<0.5	17	37.5	157	108	7.98	28
D63287 (354737)		<0.5	8.64	<1	101	1.4	<1	6.30	<0.5	18	28.7	74.7	41.2	7.86	27
D63288 (354738)		<0.5	8.60	<1	95	0.6	<1	6.44	<0.5	15	31.8	135	77.9	7.65	27
D63289 (354739)		<0.5	8.46	<1	146	3.0	<1	6.42	<0.5	16	28.4	90.2	94.5	7.71	26
D63290 (354740)		<0.5	8.48	<1	85	<0.5	<1	6.47	<0.5	18	28.3	77.1	60.3	7.38	26
D63291 (354741)		<0.5	8.43	<1	32	0.7	<1	6.66	<0.5	16	27.9	88.2	68.8	7.29	25
D63292 (354742)		<0.5	0.25	<1	18	<0.5	<1	32.3	<0.5	<1	1.2	4.3	<0.5	0.26	<5
D63293 (354743)		<0.5	7.00	<1	47	<0.5	<1	12.6	<0.5	13	22.4	89.0	58.9	5.88	20
D63294 (354744)		<0.5	8.61	<1	99	<0.5	<1	6.61	<0.5	16	28.3	90.6	75.4	6.98	25
D63295 (354745)		<0.5	8.93	<1	145	0.8	<1	6.39	<0.5	16	33.2	99.9	50.6	7.37	26
D63296 (354746)		<0.5	8.22	<1	96	<0.5	<1	7.10	<0.5	16	33.7	121	83.8	7.59	26
D63297 (354747)		<0.5	8.79	<1	92	0.7	<1	6.42	<0.5	16	33.9	132	62.4	7.62	26
D63298 (354748)		<0.5	8.67	<1	96	0.7	<1	6.33	<0.5	16	34.5	122	56.9	7.81	27
D63299 (354749)		<0.5	8.49	<1	79	0.8	<1	6.12	<0.5	16	34.0	144	43.4	7.55	26
D63300 (354750)		<0.5	8.69	<1	26	<0.5	<1	6.20	<0.5	14	36.5	121	63.5	7.48	25
D63301 (354751)		<0.5	8.98	<1	36	<0.5	<1	6.40	<0.5	15	36.6	128	60.6	7.64	27
D63302 (354752)		<0.5	9.04	<1	22	<0.5	<1	6.32	<0.5	14	34.7	133	59.0	7.19	25

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T493377

PROJECT: AGAT00694

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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FAX (905)501-0589  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Aug 08, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D63303 (354753)		<0.5	7.96	<1	54	<0.5	<1	7.70	<0.5	5	41.6	192	67.2	8.00	26
D63304 (354754)		<0.5	7.74	<1	84	0.6	<1	7.27	<0.5	13	29.9	143	54.1	6.93	24
D63305 (354755)		<0.5	8.45	<1	100	2.0	<1	6.37	<0.5	16	28.9	112	43.5	7.27	25
D63306 (354756)		<0.5	7.59	<1	189	0.5	<1	6.48	<0.5	17	37.6	172	105	7.99	27
D63307 (354757)		<0.5	8.38	<1	106	1.0	<1	5.99	<0.5	22	23.7	105	13.6	6.56	24
D63308 (354758)		<0.5	8.39	<1	58	<0.5	<1	7.24	<0.5	15	28.4	154	46.1	6.82	25
D63309 (354759)		<0.5	8.33	<1	105	<0.5	<1	7.76	<0.5	13	27.2	151	36.4	6.63	22
D63310 (354760)		<0.5	8.03	<1	179	0.5	<1	6.26	<0.5	26	30.3	197	30.5	6.94	24
D63311 (354761)		<0.5	8.97	<1	105	<0.5	<1	6.42	<0.5	14	29.9	152	17.9	7.15	25
D63312 (354762)		<0.5	0.30	<1	18	<0.5	<1	32.2	<0.5	<1	1.1	3.5	<0.5	0.27	<5
D63313 (354763)		<0.5	8.63	<1	113	<0.5	<1	6.41	<0.5	15	31.2	153	56.2	7.18	25
D63314 (354764)		<0.5	8.51	<1	96	0.6	<1	6.02	<0.5	19	31.2	116	70.2	7.71	26
D63315 (354765)		0.6	8.11	<1	215	0.8	<1	3.37	<0.5	46	18.1	60.1	152	6.88	25
D63316 (354766)		<0.5	8.44	<1	68	<0.5	<1	5.53	<0.5	18	31.1	140	0.8	8.06	27
D63317 (354767)		<0.5	8.10	<1	75	0.5	<1	5.38	<0.5	20	29.8	138	<0.5	7.61	26
D63318 (354768)		<0.5	8.49	<1	85	0.5	<1	5.42	<0.5	20	29.4	116	<0.5	7.72	26
D63319 (354769)		<0.5	3.43	<1	729	0.9	<1	7.93	<0.5	83	55.6	812	91.4	8.05	25
D63320 (354770)		<0.5	8.69	<1	221	0.9	<1	5.11	<0.5	27	25.0	116	<0.5	7.53	26
D63321 (354771)		<0.5	8.25	<1	371	0.7	<1	3.55	<0.5	55	12.2	82.5	54.8	5.42	22
D63322 (354772)		<0.5	8.94	<1	448	0.8	<1	3.47	<0.5	48	6.6	72.6	18.4	4.25	22
D63323 (354773)		<0.5	8.15	<1	416	0.8	<1	5.11	<0.5	56	17.5	73.6	14.3	6.13	25
D63324 (354774)		<0.5	3.14	<1	1070	2.0	<1	10.0	<0.5	227	48.7	428	114	9.56	29
D63325 (354775)		0.6	8.43	<1	303	1.5	<1	3.56	<0.5	49	9.0	62.6	14.8	4.67	21
D63326 (354776)		<0.5	7.81	<1	197	0.5	<1	6.67	<0.5	17	38.4	171	109	8.28	28
D63327 (354777)		<0.5	8.00	<1	259	0.9	<1	3.02	<0.5	53	7.6	66.9	20.6	4.46	20
D63328 (354778)		0.5	8.02	<1	390	1.3	<1	3.61	<0.5	48	11.8	65.7	10.6	5.65	24
D63329 (354779)		0.6	8.22	<1	181	1.0	<1	4.37	<0.5	37	15.7	86.2	21.6	5.09	21
D63330 (354780)		0.8	8.37	<1	357	1.1	<1	3.58	<0.5	55	7.7	42.3	29.9	4.38	21
D63331 (354781)		0.8	8.16	<1	253	1.5	<1	3.17	<0.5	51	7.8	57.8	28.3	4.74	22
D63332 (354782)		<0.5	0.50	<1	20	<0.5	<1	31.5	<0.5	<1	2.0	6.9	2.8	0.46	<5
D63333 (354783)		0.9	7.83	<1	224	0.9	<1	3.42	<0.5	48	13.6	77.5	23.6	5.06	22
D63334 (354784)		1.1	8.60	<1	471	0.8	<1	3.31	<0.5	49	12.4	71.3	26.1	5.14	23

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T493377

PROJECT: AGAT00694

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Aug 08, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D63335 (354785)		<0.5	8.40	<1	793	1.5	<1	3.24	<0.5	107	13.2	70.4	21.3	4.83	24
D63336 (354786)		<0.5	8.87	<1	398	1.4	<1	4.16	<0.5	42	16.6	91.2	17.2	6.11	32
D63337 (354787)		<0.5	7.39	<1	617	1.6	<1	3.10	<0.5	110	7.1	95.0	22.8	2.82	19
D63338 (354788)		<0.5	7.41	<1	609	1.6	<1	3.03	<0.5	108	7.2	106	22.3	2.81	19
D63339 (354789)		0.8	3.06	<1	810	2.1	<1	7.26	<0.5	143	53.1	654	89.1	8.48	26
D63340 (354790)		<0.5	7.64	<1	440	2.1	<1	3.94	<0.5	37	13.7	67.0	12.1	5.26	22
D63341 (354791)		<0.5	8.23	<1	237	2.5	<1	5.26	<0.5	20	29.4	143	4.4	7.46	28
D63342 (354792)		0.5	7.37	<1	191	1.2	<1	3.69	<0.5	38	15.8	132	94.4	9.64	40

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T493377

PROJECT: AGAT00694

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CLIENT NAME: GOLDCORP BORDEN LIMITED

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Aug 08, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D63271 (354721)		<1	0.83	20	10	3.03	1470	3.9	1.87	55.2	897	<20	<50	0.15	2
D63272 (354722)		<1	0.02	2	1	1.92	112	<0.5	0.04	0.7	86	<20	<50	0.05	<1
D63273 (354723)		<1	0.83	19	10	3.09	1470	3.2	1.86	54.8	854	<20	<50	0.14	3
D63274 (354724)		<1	0.84	19	13	3.09	1490	5.0	1.92	54.1	854	<20	<50	0.14	3
D63275 (354725)		<1	0.51	10	18	2.71	1200	4.9	2.59	36.5	725	<20	<50	0.02	1
D63276 (354726)		<1	0.43	9	20	3.01	1100	6.8	2.59	47.8	670	<20	<50	0.01	2
D63277 (354727)		<1	0.44	9	14	3.04	1030	5.5	2.61	49.9	608	<20	<50	0.01	2
D63278 (354728)		<1	0.44	9	14	3.07	1040	4.5	2.56	50.5	605	<20	<50	0.02	2
D63279 (354729)		<1	0.51	8	21	3.36	1150	3.0	2.75	67.4	675	<20	<50	0.01	2
D63280 (354730)		<1	0.54	8	20	3.31	1170	3.3	2.57	55.7	710	<20	<50	0.03	2
D63281 (354731)		<1	0.57	11	22	3.39	1500	3.9	2.51	59.4	789	<20	<50	0.05	2
D63282 (354732)		<1	0.45	8	29	2.89	1270	3.6	2.70	45.3	732	<20	<50	0.04	1
D63283 (354733)		<1	0.33	12	26	2.44	1220	4.3	2.56	35.7	821	<20	<50	0.10	<1
D63284 (354734)		<1	0.37	8	22	3.21	1100	4.7	2.67	54.8	650	<20	<50	0.02	<1
D63285 (354735)		<1	0.37	8	22	3.39	1200	2.5	2.55	65.3	693	<20	<50	0.03	<1
D63286 (354736)		<1	0.46	9	11	4.37	1340	2.0	2.38	109	899	<20	<50	0.10	1
D63287 (354737)		<1	0.40	8	32	3.17	1200	2.2	2.69	48.2	744	<20	<50	0.03	<1
D63288 (354738)		<1	0.36	7	21	3.39	1250	4.1	2.46	61.5	688	<20	<50	0.04	1
D63289 (354739)		<1	0.47	8	20	3.02	1200	4.4	2.62	46.2	700	<20	<50	0.03	3
D63290 (354740)		<1	0.25	9	18	3.02	1130	2.4	2.28	46.2	717	<20	<50	0.02	<1
D63291 (354741)		<1	0.17	8	22	3.05	1140	2.3	2.16	47.0	686	<20	<50	0.02	2
D63292 (354742)		<1	0.03	2	2	2.43	139	<0.5	0.10	1.7	113	<20	<50	0.06	<1
D63293 (354743)		<1	0.18	7	16	2.98	937	2.8	1.83	39.8	559	<20	<50	0.02	2
D63294 (354744)		<1	0.34	8	28	3.12	1090	2.3	2.15	49.7	745	<20	<50	0.02	2
D63295 (354745)		<1	0.45	8	43	3.73	1170	1.8	2.59	96.4	634	<20	<50	0.02	2
D63296 (354746)		<1	0.37	8	31	3.80	1220	3.1	2.30	94.2	672	<20	<50	0.02	2
D63297 (354747)		<1	0.34	8	30	3.96	1210	4.4	2.40	98.6	670	<20	<50	0.02	1
D63298 (354748)		<1	0.34	8	29	3.96	1240	2.7	2.43	102	655	<20	<50	0.01	2
D63299 (354749)		<1	0.29	8	28	3.79	1170	4.6	2.35	99.8	719	<20	<50	0.02	2
D63300 (354750)		<1	0.18	8	31	4.10	1170	2.1	2.42	117	608	<20	<50	0.01	<1
D63301 (354751)		<1	0.16	8	30	4.25	1220	4.9	2.37	118	618	<20	<50	0.02	<1
D63302 (354752)		<1	0.10	7	30	3.91	1190	2.0	2.47	105	624	<20	<50	0.02	2

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T493377

PROJECT: AGAT00694

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Aug 08, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D63303 (354753)		<1	0.19	3	22	4.63	1450	3.0	1.49	113	322	<20	<50	0.05	3
D63304 (354754)		<1	0.31	7	20	3.50	1320	4.7	1.69	65.0	559	<20	<50	0.06	2
D63305 (354755)		<1	0.44	8	21	3.28	1130	3.4	2.49	55.6	683	<20	<50	0.04	3
D63306 (354756)		<1	0.47	9	10	4.38	1330	1.8	2.39	109	875	<20	<50	0.10	2
D63307 (354757)		<1	0.38	10	22	2.82	973	3.3	2.49	42.5	794	<20	<50	0.03	1
D63308 (354758)		<1	0.26	7	22	3.47	1060	3.4	2.30	56.3	622	<20	<50	0.02	2
D63309 (354759)		<1	0.28	7	22	3.49	1050	2.2	2.32	56.2	596	<20	<50	0.02	2
D63310 (354760)		<1	0.53	13	26	3.86	1040	3.9	2.31	93.3	917	<20	<50	0.04	2
D63311 (354761)		<1	0.34	8	25	3.57	1130	2.5	2.63	70.3	582	<20	<50	0.02	2
D63312 (354762)		<1	0.04	2	2	2.44	130	<0.5	0.11	1.8	101	<20	<50	0.06	<1
D63313 (354763)		<1	0.42	8	27	3.61	1140	3.5	2.51	76.8	575	<20	<50	0.03	2
D63314 (354764)		<1	0.35	9	32	3.49	1270	3.2	2.60	70.8	708	<20	<50	0.11	<1
D63315 (354765)		<1	0.67	20	20	1.34	1230	6.4	2.82	13.0	1290	<20	<50	1.21	2
D63316 (354766)		<1	0.42	9	26	3.30	1240	3.3	2.85	59.3	699	<20	<50	0.08	<1
D63317 (354767)		<1	0.44	10	26	3.02	1190	3.8	3.09	54.9	708	<20	<50	0.04	2
D63318 (354768)		<1	0.47	10	28	3.07	1210	3.0	3.24	53.4	695	<20	<50	0.08	<1
D63319 (354769)		<1	1.46	39	16	11.0	1210	2.4	0.77	561	1690	<20	<50	0.15	5
D63320 (354770)		<1	0.84	11	25	3.17	1260	3.0	3.07	72.8	674	<20	<50	0.05	2
D63321 (354771)		<1	0.96	23	17	1.39	1000	7.9	3.01	14.6	1600	<20	<50	0.40	1
D63322 (354772)		<1	1.05	21	16	0.93	655	8.1	3.33	2.4	1090	<20	<50	0.16	<1
D63323 (354773)		<1	0.86	27	25	2.02	1200	4.6	3.47	27.1	1650	<20	<50	0.09	2
D63324 (354774)		<1	2.40	118	20	8.53	1620	7.5	1.36	311	3200	<20	<50	0.23	3
D63325 (354775)		<1	0.65	22	25	1.12	948	6.9	4.38	8.7	1340	<20	<50	0.10	2
D63326 (354776)		<1	0.48	10	11	4.51	1370	2.0	2.46	111	880	<20	<50	0.11	1
D63327 (354777)		<1	0.94	23	17	0.97	1020	7.6	3.58	4.1	1510	<20	<50	0.10	<1
D63328 (354778)		<1	1.30	20	23	1.71	952	5.1	2.99	23.2	1340	<20	<50	0.06	1
D63329 (354779)		<1	0.66	16	17	1.65	896	7.1	3.11	26.9	1220	<20	<50	0.11	3
D63330 (354780)		<1	0.91	24	17	0.97	945	5.5	3.14	3.8	1420	<20	<50	0.15	1
D63331 (354781)		<1	1.07	21	21	0.88	944	5.0	2.95	1.6	1420	<20	<50	0.31	3
D63332 (354782)		<1	0.04	2	2	1.80	161	<0.5	0.17	1.4	118	<20	<50	0.07	<1
D63333 (354783)		<1	1.03	19	20	1.07	842	7.8	2.77	7.2	1110	<20	<50	0.37	1
D63334 (354784)		<1	1.53	21	26	1.12	947	7.5	2.85	5.7	1470	<20	<50	0.39	<1

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PROJECT: AGAT00694

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Aug 08, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D63335 (354785)		<1	1.76	58	48	1.90	704	4.1	3.55	52.2	1420	<20	<50	0.31	<1
D63336 (354786)		<1	1.69	18	25	1.78	1220	6.3	2.99	23.3	1240	<20	<50	0.27	<1
D63337 (354787)		<1	0.86	57	35	1.22	364	16.0	3.96	38.1	1730	<20	<50	0.24	<1
D63338 (354788)		<1	0.86	57	35	1.19	361	16.9	3.89	36.3	1700	<20	<50	0.23	<1
D63339 (354789)		<1	1.64	70	19	10.5	1310	4.3	1.42	543	2570	<20	<50	0.23	6
D63340 (354790)		<1	0.94	17	34	1.74	984	3.9	3.52	31.9	996	<20	<50	0.24	2
D63341 (354791)		<1	0.93	8	28	3.30	1680	3.4	3.02	95.1	854	<20	<50	0.11	2
D63342 (354792)		<1	0.57	17	20	1.63	1920	10.3	2.79	19.4	1040	<20	<50	1.87	1

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ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Aug 08, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D63271 (354721)	41	<10	<5	176	<10	<10	<5	1.03	<5	<50	324	<1	32	113
D63272 (354722)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	2.0	<1	2	3.2
D63273 (354723)	40	<10	<5	177	<10	<10	<5	1.02	<5	<50	313	<1	30	111
D63274 (354724)	41	<10	<5	182	<10	<10	<5	1.03	<5	<50	316	<1	31	117
D63275 (354725)	28	<10	<5	177	<10	<10	<5	0.66	<5	<50	203	<1	25	88.7
D63276 (354726)	29	<10	<5	193	<10	<10	<5	0.57	<5	<50	188	<1	20	91.1
D63277 (354727)	28	<10	<5	220	<10	<10	<5	0.57	<5	<50	186	<1	19	83.1
D63278 (354728)	28	<10	<5	215	<10	<10	<5	0.55	<5	<50	186	<1	19	83.6
D63279 (354729)	32	<10	<5	197	<10	<10	<5	0.61	<5	<50	205	<1	20	88.9
D63280 (354730)	32	<10	<5	164	<10	<10	<5	0.70	<5	<50	215	<1	22	84.0
D63281 (354731)	34	<10	<5	145	<10	<10	<5	0.78	<5	<50	227	<1	25	85.4
D63282 (354732)	29	<10	<5	139	<10	<10	<5	0.65	<5	<50	173	<1	25	82.2
D63283 (354733)	26	<10	<5	137	<10	<10	<5	0.58	<5	<50	151	<1	31	182
D63284 (354734)	31	<10	<5	163	<10	<10	<5	0.63	<5	<50	189	<1	20	87.5
D63285 (354735)	30	<10	<5	222	<10	<10	<5	0.63	<5	<50	191	<1	21	93.2
D63286 (354736)	35	<10	<5	242	<10	<10	<5	0.85	<5	<50	245	<1	23	93.2
D63287 (354737)	35	<10	<5	196	<10	<10	<5	0.71	<5	<50	216	<1	23	99.5
D63288 (354738)	34	<10	<5	200	<10	<10	<5	0.65	<5	<50	211	<1	21	124
D63289 (354739)	38	<10	<5	177	<10	<10	<5	0.70	<5	<50	217	<1	24	96.6
D63290 (354740)	32	<10	<5	224	<10	<10	<5	0.68	<5	<50	207	<1	22	92.0
D63291 (354741)	32	<10	<5	210	<10	<10	<5	0.65	<5	<50	198	<1	21	89.3
D63292 (354742)	1	<10	<5	68	<10	<10	<5	0.02	<5	<50	6.1	<1	3	5.2
D63293 (354743)	26	<10	<5	180	<10	<10	<5	0.53	<5	<50	155	<1	18	73.1
D63294 (354744)	32	<10	<5	151	<10	<10	<5	0.62	<5	<50	190	<1	20	84.4
D63295 (354745)	28	<10	<5	168	<10	<10	<5	0.61	<5	<50	178	<1	19	95.8
D63296 (354746)	30	<10	<5	156	<10	<10	<5	0.62	<5	<50	191	<1	21	94.4
D63297 (354747)	29	<10	<5	151	<10	<10	<5	0.62	<5	<50	185	<1	20	93.5
D63298 (354748)	30	<10	<5	152	<10	<10	<5	0.62	<5	<50	186	<1	21	95.3
D63299 (354749)	29	<10	<5	164	<10	<10	<5	0.62	<5	<50	179	<1	21	93.6
D63300 (354750)	28	<10	<5	221	<10	<10	<5	0.59	<5	<50	182	<1	18	88.1
D63301 (354751)	29	<10	<5	238	<10	<10	<5	0.62	<5	<50	189	<1	19	92.7
D63302 (354752)	27	<10	<5	261	<10	<10	<5	0.57	<5	<50	174	<1	18	93.2

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T493377

PROJECT: AGAT00694

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Aug 08, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D63303 (354753)	42	<10	<5	148	<10	<10	<5	0.45	<5	<50	240	<1	17	98.0
D63304 (354754)	33	<10	<5	159	<10	<10	<5	0.55	<5	<50	199	<1	19	99.2
D63305 (354755)	36	<10	<5	179	<10	<10	<5	0.63	<5	<50	207	<1	20	89.9
D63306 (354756)	36	<10	<5	244	<10	<10	<5	0.83	<5	<50	245	<1	23	91.9
D63307 (354757)	30	<10	<5	159	<10	<10	<5	0.60	<5	<50	166	<1	23	78.0
D63308 (354758)	31	<10	<5	255	<10	<10	<5	0.58	<5	<50	188	<1	19	90.1
D63309 (354759)	29	<10	<5	178	<10	<10	<5	0.56	<5	<50	173	<1	18	84.4
D63310 (354760)	29	<10	<5	256	<10	<10	<5	0.73	<5	<50	187	<1	20	84.6
D63311 (354761)	29	<10	<5	237	<10	<10	<5	0.60	<5	<50	179	<1	19	88.4
D63312 (354762)	1	<10	<5	70	<10	<10	<5	0.02	<5	<50	6.3	<1	3	5.2
D63313 (354763)	30	<10	<5	219	<10	<10	<5	0.60	<5	<50	192	<1	19	103
D63314 (354764)	30	<10	<5	189	<10	<10	<5	0.68	<5	<50	199	<1	22	126
D63315 (354765)	17	<10	<5	203	<10	<10	<5	0.49	<5	<50	35.6	<1	38	83.4
D63316 (354766)	32	<10	<5	162	<10	<10	<5	0.76	<5	<50	212	<1	23	115
D63317 (354767)	30	<10	<5	186	<10	<10	<5	0.69	<5	<50	201	<1	22	106
D63318 (354768)	30	<10	<5	197	<10	<10	<5	0.68	<5	<50	198	<1	22	106
D63319 (354769)	36	<10	<5	419	<10	<10	<5	1.82	<5	<50	253	2	16	67.0
D63320 (354770)	26	<10	<5	204	<10	<10	<5	0.64	<5	<50	158	<1	24	122
D63321 (354771)	16	<10	<5	193	<10	<10	<5	0.53	<5	<50	21.9	<1	37	66.9
D63322 (354772)	14	<10	<5	231	<10	<10	<5	0.43	<5	<50	13.5	<1	26	78.6
D63323 (354773)	23	<10	<5	318	<10	<10	<5	0.64	<5	<50	114	<1	34	95.3
D63324 (354774)	25	<10	<5	1040	<10	<10	<5	1.85	<5	<50	293	<1	31	99.6
D63325 (354775)	17	<10	<5	304	<10	<10	<5	0.46	<5	<50	28.1	<1	37	87.3
D63326 (354776)	36	<10	<5	251	<10	<10	<5	0.86	<5	<50	248	<1	23	94.8
D63327 (354777)	15	<10	<5	232	<10	<10	<5	0.45	<5	<50	16.8	<1	37	82.5
D63328 (354778)	19	<10	<5	222	<10	<10	<5	0.55	<5	<50	59.3	<1	37	113
D63329 (354779)	19	<10	<5	227	<10	<10	<5	0.51	<5	<50	65.3	<1	30	74.1
D63330 (354780)	15	<10	<5	225	<10	<10	<5	0.46	<5	<50	17.2	<1	35	114
D63331 (354781)	15	<10	<5	179	<10	<10	<5	0.47	<5	<50	12.6	<1	37	106
D63332 (354782)	2	<10	<5	77	<10	<10	<5	0.04	<5	<50	11.7	<1	3	4.3
D63333 (354783)	17	<10	<5	160	<10	<10	<5	0.46	<5	<50	38.9	<1	36	79.3
D63334 (354784)	15	<10	<5	191	<10	<10	<5	0.49	<5	<50	21.7	<1	33	101

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T493377

PROJECT: AGAT00694

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Aug 08, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D63335 (354785)	12	<10	<5	305	<10	<10	<5	0.46	<5	<50	35.1	<1	25	147
D63336 (354786)	23	<10	<5	191	<10	<10	<5	0.57	<5	<50	82.3	<1	39	161
D63337 (354787)	7	<10	<5	433	<10	<10	15	0.36	<5	<50	31.5	<1	22	111
D63338 (354788)	7	<10	<5	419	<10	<10	15	0.34	<5	<50	30.7	<1	22	110
D63339 (354789)	21	<10	<5	857	<10	<10	<5	1.93	<5	<50	229	<1	25	90.7
D63340 (354790)	18	<10	<5	250	<10	<10	<5	0.44	<5	<50	71.6	<1	25	146
D63341 (354791)	31	<10	<5	223	<10	<10	<5	0.64	<5	<50	182	<1	31	159
D63342 (354792)	16	<10	<5	212	<10	<10	<5	0.42	<5	<50	51.5	<1	31	167

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Aug 08, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D63271 (354721)				141
D63272 (354722)				<5
D63273 (354723)				132
D63274 (354724)				128
D63275 (354725)				65
D63276 (354726)				52
D63277 (354727)				54
D63278 (354728)				57
D63279 (354729)				46
D63280 (354730)				27
D63281 (354731)				54
D63282 (354732)				48
D63283 (354733)				75
D63284 (354734)				39
D63285 (354735)				34
D63286 (354736)				91
D63287 (354737)				27
D63288 (354738)				26
D63289 (354739)				29
D63290 (354740)				24
D63291 (354741)				17
D63292 (354742)				<5
D63293 (354743)				15
D63294 (354744)				25
D63295 (354745)				23
D63296 (354746)				21
D63297 (354747)				22
D63298 (354748)				22
D63299 (354749)				21
D63300 (354750)				25
D63301 (354751)				23
D63302 (354752)				18

Certified By:

# Certificate of Analysis

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PROJECT: AGAT00694

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Aug 08, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Concentration
	Zr	ppm	5	
D63303 (354753)				14
D63304 (354754)				18
D63305 (354755)				32
D63306 (354756)				81
D63307 (354757)				33
D63308 (354758)				21
D63309 (354759)				19
D63310 (354760)				43
D63311 (354761)				25
D63312 (354762)				<5
D63313 (354763)				27
D63314 (354764)				40
D63315 (354765)				106
D63316 (354766)				59
D63317 (354767)				68
D63318 (354768)				68
D63319 (354769)				202
D63320 (354770)				86
D63321 (354771)				105
D63322 (354772)				79
D63323 (354773)				126
D63324 (354774)				231
D63325 (354775)				143
D63326 (354776)				90
D63327 (354777)				123
D63328 (354778)				151
D63329 (354779)				139
D63330 (354780)				163
D63331 (354781)				174
D63332 (354782)				<5
D63333 (354783)				174
D63334 (354784)				171

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T493377

PROJECT: AGAT00694

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Aug 08, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D63335 (354785)	121
D63336 (354786)	150
D63337 (354787)	121
D63338 (354788)	118
D63339 (354789)	212
D63340 (354790)	124
D63341 (354791)	80
D63342 (354792)	111

Comments: RDL - Reported Detection Limit

354721-354792 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T493377

PROJECT: AGAT00694

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Aug 08, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D63271 (354721)			0.002
D63272 (354722)			<0.001
D63273 (354723)			0.001
D63274 (354724)			0.001
D63275 (354725)			0.002
D63276 (354726)			0.003
D63277 (354727)			0.002
D63278 (354728)			0.001
D63279 (354729)			0.002
D63280 (354730)			0.001
D63281 (354731)			0.002
D63282 (354732)			0.002
D63283 (354733)			0.001
D63284 (354734)			0.008
D63285 (354735)			0.003
D63286 (354736)			0.328
D63287 (354737)			0.003
D63288 (354738)			0.003
D63289 (354739)			0.003
D63290 (354740)			0.003
D63291 (354741)			0.002
D63292 (354742)			0.001
D63293 (354743)			0.005
D63294 (354744)			0.005
D63295 (354745)			0.006
D63296 (354746)			0.007
D63297 (354747)			0.014
D63298 (354748)			0.011
D63299 (354749)			0.005
D63300 (354750)			0.002
D63301 (354751)			0.002
D63302 (354752)			0.003

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T493377

PROJECT: AGAT00694

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Aug 08, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D63303 (354753)		0.003	
D63304 (354754)		0.004	
D63305 (354755)		0.002	
D63306 (354756)		0.323	
D63307 (354757)		0.001	
D63308 (354758)		0.001	
D63309 (354759)		0.003	
D63310 (354760)		0.002	
D63311 (354761)		0.002	
D63312 (354762)		<0.001	
D63313 (354763)		0.002	
D63314 (354764)		0.002	
D63315 (354765)		0.005	
D63316 (354766)		<0.001	
D63317 (354767)		<0.001	
D63318 (354768)		<0.001	
D63319 (354769)		0.002	
D63320 (354770)		<0.001	
D63321 (354771)		<0.001	
D63322 (354772)		0.001	
D63323 (354773)		<0.001	
D63324 (354774)		0.001	
D63325 (354775)		<0.001	
D63326 (354776)		0.342	
D63327 (354777)		0.002	
D63328 (354778)		<0.001	
D63329 (354779)		<0.001	
D63330 (354780)		<0.001	
D63331 (354781)		<0.001	
D63332 (354782)		0.001	
D63333 (354783)		0.001	
D63334 (354784)		0.001	

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T493377

PROJECT: AGAT00694

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Aug 08, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D63335 (354785)			0.002
D63336 (354786)			0.001
D63337 (354787)			0.001
D63338 (354788)			0.002
D63339 (354789)			0.001
D63340 (354790)			0.001
D63341 (354791)			<0.001
D63342 (354792)			0.008

 Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T493377

PROJECT: AGAT00694

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MISSISSAUGA, ONTARIO  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Aug 08, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D63271 (354721)		84.05
D63290 (354740)		90.44

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T493377

PROJECT: AGAT00694

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 15, 2019

DATE RECEIVED: Jul 16, 2019

DATE REPORTED: Aug 08, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D63271 (354721)		88.84
D63311 (354761)		88.37

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	354721	< 0.5	< 0.5	0.0%	354735	< 0.5	< 0.5	0.0%	354746	< 0.5	< 0.5	0.0%	354760	< 0.5	< 0.5	0.0%
Al	354721	7.04	7.11	1.0%	354735	8.92	8.94	0.2%	354746	8.22	8.75	6.2%	354760	8.03	8.30	3.3%
As	354721	< 1	< 1	0.0%	354735	< 1	< 1	0.0%	354746	< 1	< 1	0.0%	354760	< 1	< 1	0.0%
Ba	354721	326	324	0.6%	354735	114	114	0.0%	354746	96	111	14.5%	354760	179	180	0.6%
Be	354721	0.7	0.7	0.0%	354735	0.55	0.53	3.7%	354746	< 0.5	< 0.5	0.0%	354760	0.54	0.62	13.8%
Bi	354721	< 1	< 1	0.0%	354735	< 1	< 1	0.0%	354746	< 1	< 1	0.0%	354760	< 1	< 1	0.0%
Ca	354721	6.24	6.23	0.2%	354735	6.56	6.60	0.6%	354746	7.10	6.43	9.9%	354760	6.26	6.38	1.9%
Cd	354721	< 0.5	< 0.5	0.0%	354735	< 0.5	< 0.5	0.0%	354746	< 0.5	< 0.5	0.0%	354760	< 0.5	< 0.5	0.0%
Ce	354721	39	41	5.0%	354735	17	17	0.0%	354746	16	16	0.0%	354760	26	24	8.0%
Co	354721	43.4	44.8	3.2%	354735	30.1	29.8	1.0%	354746	33.7	34.5	2.3%	354760	30.3	30.0	1.0%
Cr	354721	76.9	77.2	0.4%	354735	119	111	7.0%	354746	121	118	2.5%	354760	197	192	2.6%
Cu	354721	87.0	87.5	0.6%	354735	45.1	45.2	0.2%	354746	83.8	90.3	7.5%	354760	30.5	30.0	1.7%
Fe	354721	10.3	10.2	1.0%	354735	7.36	7.37	0.1%	354746	7.59	8.09	6.4%	354760	6.94	7.08	2.0%
Ga	354721	32	33	3.1%	354735	26	26	0.0%	354746	26	26	0.0%	354760	24	25	4.1%
In	354721	< 1	< 1	0.0%	354735	< 1	< 1	0.0%	354746	< 1	< 1	0.0%	354760	< 1	< 1	0.0%
K	354721	0.831	0.840	1.1%	354735	0.37	0.37	0.0%	354746	0.373	0.422	12.3%	354760	0.53	0.54	1.9%
La	354721	20	20	0.0%	354735	8	9	11.8%	354746	8	8	0.0%	354760	13	13	0.0%
Li	354721	10	10	0.0%	354735	22	22	0.0%	354746	31	34	9.2%	354760	26	27	3.8%
Mg	354721	3.03	3.04	0.3%	354735	3.39	3.41	0.6%	354746	3.80	4.01	5.4%	354760	3.86	3.99	3.3%
Mn	354721	1470	1470	0.0%	354735	1200	1200	0.0%	354746	1220	1290	5.6%	354760	1040	1080	3.8%
Mo	354721	3.9	3.8	2.6%	354735	2.5	2.7	7.7%	354746	3.1	2.5	21.4%	354760	3.9	4.3	9.8%
Na	354721	1.87	1.87	0.0%	354735	2.55	2.56	0.4%	354746	2.30	2.43	5.5%	354760	2.31	2.36	2.1%
Ni	354721	55.2	55.9	1.3%	354735	65.3	64.9	0.6%	354746	94.2	100	6.0%	354760	93.3	93.3	0.0%
P	354721	897	900	0.3%	354735	693	694	0.1%	354746	672	734	8.8%	354760	917	880	4.1%
Pb	354721	< 20	< 20	0.0%	354735	< 20	< 20	0.0%	354746	< 20	< 20	0.0%	354760	< 20	< 20	0.0%
Rb	354721	< 50	< 50	0.0%	354735	< 50	< 50	0.0%	354746	< 50	< 50	0.0%	354760	< 50	< 50	0.0%
S	354721	0.15	0.15	0.0%	354735	0.03	0.03	0.0%	354746	0.02	0.02	0.0%	354760	0.037	0.031	17.6%
Sb	354721	2	1		354735	< 1	2		354746	2	1		354760	2	3	
Sc	354721	41	42	2.4%	354735	30	30	0.0%	354746	30	31	3.3%	354760	29	28	3.5%
Se	354721	< 10	< 10	0.0%	354735	< 10	< 10	0.0%	354746	< 10	< 10	0.0%	354760	< 10	< 10	0.0%
Sn	354721	< 5	< 5	0.0%	354735	< 5	< 5	0.0%	354746	< 5	< 5	0.0%	354760	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	354721	176	176	0.0%	354735	222	222	0.0%	354746	156	160	2.5%	354760	256	262	2.3%
Ta	354721	< 10	< 10	0.0%	354735	< 10	< 10	0.0%	354746	< 10	< 10	0.0%	354760	< 10	< 10	0.0%
Te	354721	< 10	< 10	0.0%	354735	< 10	< 10	0.0%	354746	< 10	< 10	0.0%	354760	< 10	< 10	0.0%
Th	354721	< 5	< 5	0.0%	354735	< 5	< 5	0.0%	354746	< 5	< 5	0.0%	354760	< 5	< 5	0.0%
Ti	354721	1.03	1.03	0.0%	354735	0.63	0.63	0.0%	354746	0.624	0.667	6.7%	354760	0.73	0.74	1.4%
Tl	354721	< 5	< 5	0.0%	354735	< 5	< 5	0.0%	354746	< 5	< 5	0.0%	354760	< 5	< 5	0.0%
U	354721	< 50	< 50	0.0%	354735	< 50	< 50	0.0%	354746	< 50	< 50	0.0%	354760	< 50	< 50	0.0%
V	354721	324	330	1.8%	354735	191	190	0.5%	354746	191	196	2.6%	354760	187	187	0.0%
W	354721	< 1	< 1	0.0%	354735	< 1	< 1	0.0%	354746	< 1	< 1	0.0%	354760	< 1	< 1	0.0%
Y	354721	32	33	3.1%	354735	21	21	0.0%	354746	21	21	0.0%	354760	20	20	0.0%
Zn	354721	113	113	0.0%	354735	93.2	93.4	0.2%	354746	94.4	100	5.8%	354760	84.6	84.7	0.1%
Zr	354721	141	146	3.5%	354735	34	33	3.0%	354746	21	20	4.9%	354760	43	38	12.3%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	354771	< 0.5	< 0.5	0.0%	354785	0.4	0.5	22.2%								
Al	354771	8.25	8.32	0.8%	354785	8.40	8.38	0.2%								
As	354771	< 1	< 1	0.0%	354785	< 1	< 1	0.0%								
Ba	354771	371	365	1.6%	354785	793	788	0.6%								
Be	354771	0.74	0.77	4.0%	354785	1.47	1.43	2.8%								
Bi	354771	< 1	< 1	0.0%	354785	< 1	< 1	0.0%								
Ca	354771	3.55	3.55	0.0%	354785	3.24	3.26	0.6%								
Cd	354771	< 0.5	< 0.5	0.0%	354785	< 0.5	< 0.5	0.0%								
Ce	354771	55	51	7.5%	354785	107	106	0.9%								
Co	354771	12.2	11.0	10.3%	354785	13.2	13.1	0.8%								
Cr	354771	82.5	73.0	12.2%	354785	70.4	70.2	0.3%								
Cu	354771	54.8	49.3	10.6%	354785	21.3	21.1	0.9%								
Fe	354771	5.42	5.43	0.2%	354785	4.83	4.85	0.4%								
Ga	354771	22	23	4.4%	354785	24	24	0.0%								
In	354771	< 1	< 1	0.0%	354785	< 1	< 1	0.0%								
K	354771	0.958	0.934	2.5%	354785	1.76	1.74	1.1%								
La	354771	23	22	4.4%	354785	58	57	1.7%								
Li	354771	17	18	5.7%	354785	48	47	2.1%								
Mg	354771	1.39	1.28	8.2%	354785	1.90	1.89	0.5%								
Mn	354771	1000	988	1.2%	354785	704	690	2.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	354771	7.9	6.8	15.0%	354785	4.1	4.0	2.5%								
Na	354771	3.01	3.07	2.0%	354785	3.55	3.56	0.3%								
Ni	354771	14.6	11.0	28.1%	354785	52.2	52.3	0.2%								
P	354771	1600	1410	12.6%	354785	1420	1420	0.0%								
Pb	354771	< 20	< 20	0.0%	354785	< 20	< 20	0.0%								
Rb	354771	< 50	< 50	0.0%	354785	< 50	< 50	0.0%								
S	354771	0.40	0.34	16.2%	354785	0.31	0.31	0.0%								
Sb	354771	1	< 1		354785	< 1	2									
Sc	354771	16	16	0.0%	354785	12	12	0.0%								
Se	354771	< 10	< 10	0.0%	354785	< 10	< 10	0.0%								
Sn	354771	< 5	< 5	0.0%	354785	< 5	< 5	0.0%								
Sr	354771	193	191	1.0%	354785	305	310	1.6%								
Ta	354771	< 10	< 10	0.0%	354785	< 10	< 10	0.0%								
Te	354771	< 10	< 10	0.0%	354785	< 10	< 10	0.0%								
Th	354771	< 5	< 5	0.0%	354785	< 5	< 5	0.0%								
Ti	354771	0.534	0.514	3.8%	354785	0.46	0.47	2.2%								
Tl	354771	< 5	< 5	0.0%	354785	< 5	< 5	0.0%								
U	354771	< 50	< 50	0.0%	354785	< 50	< 50	0.0%								
V	354771	21.9	22.3	1.8%	354785	35.1	35.0	0.3%								
W	354771	< 1	< 1	0.0%	354785	< 1	< 1	0.0%								
Y	354771	37	37	0.0%	354785	25	25	0.0%								
Zn	354771	66.9	68.8	2.8%	354785	147	140	4.9%								
Zr	354771	105	98	6.9%	354785	121	157	25.9%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	354721	0.0018	0.0014	25.0%	354735	0.003	0.003	0.0%	354746	0.007	0.007	0.0%	354760	0.002	0.002	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	354771	< 0.001	0.001		354785	0.002	0.002	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP5G)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	3.09	102%	90% - 110%
Al	10.95	11.01	101%	90% - 110%	8.17	8.29	101%	90% - 110%	6.96	7.01	101%	90% - 110%	4.75	5	105%	90% - 110%
As					26	24	92%	90% - 110%	124	127	102%	90% - 110%				
Ba	340	327	96%	90% - 110%	540	529	98%	90% - 110%	186	185	99%	90% - 110%	216	218	101%	90% - 110%
Be	2.6	2.7	105%	90% - 110%	4.0	3.5	87%	90% - 110%								
Ca	5.72	5.6	98%	90% - 110%	0.907	0.914	101%	90% - 110%	4.01	3.97	99%	90% - 110%	10	10	96%	90% - 110%
Ce	122	114	93%	90% - 110%	98	94	96%	90% - 110%	24	22	91%	90% - 110%				
Co									22.1	20.6	93%	90% - 110%	191	181	95%	90% - 110%
Cr					60.3	62.8	104%	90% - 110%					670	630	94%	90% - 110%
Cu					150	152	101%	90% - 110%	88.6	84.7	96%	90% - 110%	7120	7731	109%	90% - 110%
Fe	4.34	4.08	94%	90% - 110%	3.77	3.76	100%	90% - 110%	7.56	7.57	100%	90% - 110%	12.71	12.66	100%	90% - 110%
Ga	35	35	99%	90% - 110%												
K	1.37	1.5	109%	90% - 110%					2.021	2.183	108%	90% - 110%	0.1021	0.112	110%	90% - 110%
La	58	54	93%	90% - 110%	44	42	95%	90% - 110%					8.47	8.49	100%	90% - 110%
Li	37	37	101%	90% - 110%	47	47	99%	90% - 110%								
Mg	0.325	0.301	93%	90% - 110%	1.10	1.1	100%	90% - 110%	2.412	2.462	102%	90% - 110%	7.41	7.71	104%	90% - 110%
Mn					780	748	96%	90% - 110%	1510	1445	96%	90% - 110%				
Mo					14	13	96%	90% - 110%								
Na	5.267	5.447	103%	90% - 110%	1.624	1.689	104%	90% - 110%	0.617	0.626	101%	90% - 110%	0.112	0.122	109%	90% - 110%
Ni	9	7	74%	90% - 110%	32	33	102%	90% - 110%	77.1	75	97%	90% - 110%	2480	2297	92%	90% - 110%
P					750	749	100%	90% - 110%	892	942	106%	90% - 110%	731	746	102%	90% - 110%
Pb					31	29	93%	90% - 110%								
S									0.348	0.356	102%	90% - 110%				
Sc	1.1	1.1	96%	90% - 110%	12	13	106%	90% - 110%					21.33	22.38	105%	90% - 110%
Sr	1191	1126	95%	90% - 110%	144	145	101%	90% - 110%	92.8	85.7	92%	90% - 110%	39	37	95%	90% - 110%
Ti	0.172	0.167	97%	90% - 110%	0.53	0.48	91%	90% - 110%					0.419	0.422	101%	90% - 110%
V	8	7	89%	90% - 110%	77	79	102%	90% - 110%					158	170	108%	90% - 110%
Y	119	124	104%	90% - 110%									12.67	13.54	107%	90% - 110%
Zn	93	93	100%	90% - 110%	130	126	97%	90% - 110%	208	214	103%	90% - 110%	112	117	105%	90% - 110%
Zr													35.7	38.4	108%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP5G)				CRM #4 (ref.GSP7M)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.27	5.17	98%	90% - 110%	6.87	6.76	98%	90% - 110%	0.562	0.537	95%	90% - 110%	0.725	0.726	100%	90% - 110%



## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19T493377

PROJECT: AGAT00694

ATTENTION TO: Craig Yuill

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00695

AGAT WORK ORDER: 19T494516

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Aug 09, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T494516

PROJECT: AGAT00695

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 17, 2019

DATE RECEIVED: Jul 18, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D64145 (362060)		1.07
D64146 (362061)		0.07
D64147 (362062)		1.19
D64148 (362063)		1.27
D64149 (362064)		1.07
D64150 (362065)		1.57
D64151 (362066)		1.21
D64152 (362067)		0.59
D64153 (362068)		1.28
D64154 (362069)		0.98
D64155 (362070)		0.90
D64156 (362071)		1.39
D64157 (362072)		1.59
D64158 (362073)		1.59
D64159 (362074)		0.88
D64160 (362075)		1.12
D64161 (362076)		1.55
D64162 (362077)		0.97
D64163 (362078)		1.69
D64164 (362079)		2.08
D64165 (362080)		1.27
D64166 (362081)		0.07
D64167 (362082)		1.42
D64168 (362083)		1.24
D64169 (362084)		0.71
D64170 (362085)		0.91
D64171 (362086)		0.70
D64172 (362087)		0.62
D64173 (362088)		0.80
D64174 (362089)		1.32
D64175 (362090)		1.64

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T494516

PROJECT: AGAT00695

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 17, 2019

DATE RECEIVED: Jul 18, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D64176 (362091)		1.36
D64177 (362092)		1.34
D64178 (362093)		1.34
D64179 (362094)		1.25
D64180 (362095)		1.48
D64181 (362096)		1.50
D64182 (362097)		1.58
D64183 (362098)		1.10
D64184 (362099)		1.14
D64185 (362100)		0.91
D64186 (362101)		0.13
D64187 (362102)		1.16
D64188 (362103)		1.35
D64189 (362104)		1.26
D64190 (362105)		1.10
D64191 (362106)		1.20
D64192 (362107)		0.68
D64193 (362108)		0.87
D64194 (362109)		0.98
D64195 (362110)		1.26
D64196 (362111)		1.14
D64197 (362112)		1.21
D64198 (362113)		1.21
D64199 (362114)		1.33
D64200 (362115)		1.56
D64201 (362116)		1.36
D64202 (362117)		0.87
D64203 (362118)		1.39
D64204 (362119)		0.93
D64205 (362120)		0.92
D64206 (362121)		0.07

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T494516

PROJECT: AGAT00695

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Jul 17, 2019

DATE RECEIVED: Jul 18, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D64207 (362122)		0.96
D64208 (362123)		1.30
D64209 (362124)		1.16
D64210 (362125)		1.05
D64211 (362126)		1.48
D64212 (362127)		0.66
D64213 (362128)		0.73
D64214 (362129)		0.79
D64215 (362130)		1.14
D64216 (362131)		1.09

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T494516

PROJECT: AGAT00695

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 17, 2019

DATE RECEIVED: Jul 18, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D64145 (362060)		<0.5	8.11	<1	281	0.6	<1	3.90	<0.5	21	17.1	124	3.3	3.87	22
D64146 (362061)		4.5	3.63	17	214	0.7	<1	10.1	<0.5	16	6.8	14.2	71.1	1.87	9
D64147 (362062)		0.8	7.08	<1	661	0.6	<1	1.42	<0.5	11	1.9	83.1	4.5	1.10	12
D64148 (362063)		0.9	7.37	<1	593	1.2	<1	1.51	<0.5	12	<0.5	63.6	9.8	0.63	13
D64149 (362064)		<0.5	3.35	<1	485	6.5	<1	8.05	<0.5	297	40.3	432	131	8.23	27
D64150 (362065)		<0.5	7.48	<1	176	1.0	<1	2.99	<0.5	28	16.1	164	3.6	3.62	18
D64151 (362066)		<0.5	7.84	<1	209	0.8	<1	3.07	<0.5	24	19.3	183	11.4	3.91	19
D64152 (362067)		<0.5	0.06	<1	15	<0.5	<1	33.5	<0.5	<1	<0.5	8.5	<0.5	0.07	<5
D64153 (362068)		<0.5	8.11	<1	246	1.0	<1	3.58	<0.5	19	14.7	148	<0.5	3.71	19
D64154 (362069)		<0.5	7.15	<1	1300	0.6	<1	1.34	<0.5	7	<0.5	88.5	2.1	0.48	10
D64155 (362070)		1.2	6.23	<1	413	0.9	<1	1.27	<0.5	5	0.6	79.6	2.3	1.07	13
D64156 (362071)		0.7	7.18	<1	336	0.9	<1	2.96	<0.5	33	10.5	176	14.9	5.30	23
D64157 (362072)		0.7	7.20	<1	377	1.0	<1	2.88	<0.5	42	9.0	149	15.0	5.23	23
D64158 (362073)		0.6	7.39	<1	379	1.0	<1	2.93	<0.5	40	10.3	173	13.2	5.13	23
D64159 (362074)		<0.5	7.11	<1	553	1.2	<1	3.05	<0.5	41	11.4	158	26.2	4.97	22
D64160 (362075)		0.7	7.71	<1	541	2.6	<1	3.10	0.9	62	10.6	149	114	3.44	21
D64161 (362076)		<0.5	2.17	<1	802	1.7	<1	7.28	<0.5	141	60.6	824	109	8.93	30
D64162 (362077)		0.8	7.21	<1	491	1.2	<1	3.11	<0.5	48	12.7	120	40.0	4.85	22
D64163 (362078)		0.7	7.19	<1	448	1.3	<1	3.07	<0.5	48	11.9	112	51.1	4.77	23
D64164 (362079)		<0.5	2.44	<1	809	1.9	<1	7.18	<0.5	110	55.5	558	105	8.97	32
D64165 (362080)		<0.5	7.06	<1	339	1.2	<1	3.43	0.7	39	13.6	93.7	67.1	7.11	27
D64166 (362081)		0.6	6.34	29	188	<0.5	<1	5.44	0.7	7	35.7	244	134	6.47	23
D64167 (362082)		<0.5	7.11	<1	288	1.1	<1	3.66	<0.5	39	14.3	146	29.3	6.67	26
D64168 (362083)		1.0	6.70	<1	330	1.5	<1	2.87	<0.5	55	7.4	164	19.8	5.01	23
D64169 (362084)		<0.5	7.53	<1	329	1.4	<1	3.71	<0.5	47	7.7	155	24.7	6.72	28
D64170 (362085)		<0.5	7.16	<1	185	1.0	<1	2.30	<0.5	48	3.6	118	1.2	4.71	23
D64171 (362086)		3.2	5.27	<1	74	0.7	<1	1.66	<0.5	18	5.3	189	9.8	6.75	35
D64172 (362087)		<0.5	0.07	<1	18	<0.5	<1	31.9	<0.5	<1	0.6	5.7	<0.5	0.10	<5
D64173 (362088)		6.8	1.20	<1	26	<0.5	<1	0.63	<0.5	4	3.2	112	15.4	1.24	5
D64174 (362089)		3.3	5.54	<1	135	0.8	<1	1.49	<0.5	11	6.6	122	26.0	3.23	18
D64175 (362090)		0.7	6.84	<1	264	1.1	<1	2.08	0.9	51	4.4	165	31.7	6.11	25
D64176 (362091)		<0.5	6.22	<1	289	0.9	<1	1.62	0.7	59	2.4	154	24.5	5.20	22

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T494516

PROJECT: AGAT00695

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 17, 2019

DATE RECEIVED: Jul 18, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D64177 (362092)		0.9	6.76	<1	469	0.9	<1	1.66	<0.5	56	1.5	118	6.0	4.33	21
D64178 (362093)		0.9	6.73	<1	515	0.9	<1	1.58	<0.5	52	1.5	138	5.1	4.22	21
D64179 (362094)		1.0	6.55	<1	371	1.3	<1	2.13	<0.5	54	3.8	180	24.8	5.60	23
D64180 (362095)		1.2	6.82	<1	372	1.3	<1	2.89	<0.5	62	3.9	175	14.1	4.85	22
D64181 (362096)		0.8	6.31	<1	484	2.0	<1	3.13	<0.5	51	12.1	200	19.1	5.96	24
D64182 (362097)		<0.5	2.02	<1	645	2.4	<1	7.14	<0.5	106	59.9	648	89.1	8.85	30
D64183 (362098)		<0.5	2.27	<1	677	1.9	<1	6.01	<0.5	106	58.5	637	95.0	8.89	30
D64184 (362099)		1.5	6.87	<1	325	2.0	<1	1.97	<0.5	60	3.0	154	40.7	4.14	21
D64185 (362100)		1.2	5.55	<1	169	0.6	<1	1.38	<0.5	86	3.6	184	65.4	5.96	23
D64186 (362101)		1.1	6.15	31	203	0.5	<1	5.05	0.9	8	34.2	290	129	6.56	22
D64187 (362102)		0.9	5.92	<1	464	<0.5	<1	1.00	<0.5	67	2.0	199	48.7	4.79	21
D64188 (362103)		1.0	5.68	<1	701	<0.5	<1	0.52	<0.5	71	1.8	168	103	8.48	27
D64189 (362104)		1.7	6.50	<1	643	<0.5	<1	0.77	0.5	91	4.3	168	65.7	6.58	26
D64190 (362105)		0.7	5.80	<1	496	<0.5	<1	0.70	<0.5	63	4.6	193	88.3	7.98	28
D64191 (362106)		1.3	6.11	<1	727	<0.5	<1	1.04	<0.5	54	9.9	190	75.6	8.07	27
D64192 (362107)		<0.5	0.14	<1	18	<0.5	<1	32.2	<0.5	<1	0.6	9.3	1.6	0.14	<5
D64193 (362108)		6.0	5.15	<1	136	0.9	<1	1.75	<0.5	24	17.9	207	88.2	7.45	25
D64194 (362109)		2.2	7.51	<1	305	0.8	<1	1.90	<0.5	9	1.0	101	12.8	1.02	14
D64195 (362110)		3.4	6.42	<1	1410	0.5	<1	1.14	<0.5	6	<0.5	69.5	2.6	0.33	10
D64196 (362111)		2.1	5.97	<1	1510	0.6	<1	1.11	<0.5	5	<0.5	121	2.3	1.91	15
D64197 (362112)		7.5	8.28	<1	576	1.1	<1	1.97	<0.5	6	1.8	129	108	9.21	40
D64198 (362113)		6.9	8.44	<1	590	1.2	<1	1.98	<0.5	6	1.2	117	98.1	8.32	37
D64199 (362114)		7.8	1.83	<1	311	0.7	<1	1.22	<0.5	13	9.2	291	25.1	6.84	25
D64200 (362115)		4.8	3.09	<1	71	0.6	<1	0.89	<0.5	3	1.4	191	3.9	2.12	14
D64201 (362116)		4.0	2.42	1	114	0.7	<1	0.80	<0.5	4	2.6	107	11.8	0.82	5
D64202 (362117)		3.9	4.53	<1	166	0.7	<1	1.24	<0.5	8	13.7	209	63.0	5.32	20
D64203 (362118)		0.9	6.65	<1	603	1.3	<1	2.04	<0.5	51	4.8	159	37.7	4.69	23
D64204 (362119)		0.7	5.82	<1	392	<0.5	<1	1.28	<0.5	88	14.7	209	47.2	5.76	24
D64205 (362120)		0.9	6.23	<1	588	1.0	<1	1.33	<0.5	72	3.8	190	59.6	5.75	24
D64206 (362121)		<0.5	6.94	4	82	<0.5	<1	7.06	<0.5	5	38.4	181	151	7.27	28
D64207 (362122)		1.4	5.74	<1	285	0.8	<1	2.07	<0.5	65	19.0	211	61.1	8.30	30
D64208 (362123)		1.5	6.01	<1	342	0.7	<1	1.37	<0.5	54	13.5	202	62.1	7.60	30

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T494516

PROJECT: AGAT00695

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 17, 2019

DATE RECEIVED: Jul 18, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
		0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5
D64209 (362124)		0.9	6.38	1	1000	0.8	<1	1.41	<0.5	9	<0.5	114	5.5	1.15	13
D64210 (362125)		2.4	4.97	<1	856	0.7	<1	1.04	<0.5	6	1.3	85.6	10.3	1.05	10
D64211 (362126)		<0.5	6.92	<1	1630	0.7	<1	1.10	<0.5	8	<0.5	74.6	2.7	0.43	11
D64212 (362127)		<0.5	0.20	1	29	<0.5	<1	31.0	<0.5	1	0.5	6.9	<0.5	0.16	<5
D64213 (362128)		<0.5	4.81	<1	1780	<0.5	<1	0.67	<0.5	6	<0.5	78.4	5.4	0.53	7
D64214 (362129)		1.5	8.10	<1	1920	0.7	<1	1.91	<0.5	14	0.6	125	25.6	4.82	25
D64215 (362130)		0.9	7.49	<1	370	1.2	<1	3.67	<0.5	60	4.3	154	<0.5	4.41	22
D64216 (362131)		0.9	7.42	<1	331	1.1	<1	3.48	<0.5	61	1.9	146	<0.5	4.81	23

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DATE SAMPLED: Jul 17, 2019

DATE RECEIVED: Jul 18, 2019

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SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D64145 (362060)		<1	0.85	11	29	1.35	624	11.0	2.99	50.4	433	<20	<50	0.01	<1
D64146 (362061)		<1	1.62	9	40	0.60	580	3.0	0.59	8.5	406	<20	<50	0.57	3
D64147 (362062)		<1	2.85	7	8	0.24	167	17.2	2.73	6.5	80	32	<50	0.02	<1
D64148 (362063)		<1	2.15	6	10	0.10	101	15.4	3.78	3.6	105	<20	<50	0.02	<1
D64149 (362064)		<1	2.14	140	112	6.24	1950	4.4	2.03	261	3150	20	<50	0.21	2
D64150 (362065)		<1	0.57	14	14	1.53	619	11.2	4.42	49.6	511	<20	<50	0.01	2
D64151 (362066)		<1	1.04	12	22	2.26	645	7.2	3.89	78.5	526	<20	<50	0.02	1
D64152 (362067)		<1	0.02	2	<1	1.29	99	<0.5	0.04	<0.5	68	<20	<50	0.01	1
D64153 (362068)		<1	0.93	9	14	1.39	562	10.5	3.55	47.6	426	<20	<50	<0.01	<1
D64154 (362069)		<1	3.53	5	2	0.11	109	12.8	2.79	5.6	43	<20	<50	0.01	<1
D64155 (362070)		<1	1.46	3	3	0.10	108	13.9	3.23	4.3	21	<20	<50	<0.01	1
D64156 (362071)		<1	1.33	14	16	1.09	822	15.6	2.46	7.3	854	<20	<50	0.03	1
D64157 (362072)		<1	1.22	19	15	0.82	808	13.4	2.57	5.8	972	<20	<50	0.03	1
D64158 (362073)		<1	1.22	18	15	0.81	817	10.8	2.65	5.6	975	<20	<50	0.04	<1
D64159 (362074)		<1	1.19	18	10	1.15	876	14.4	2.58	9.9	944	<20	<50	0.14	2
D64160 (362075)		<1	1.16	28	9	1.12	627	10.0	3.32	17.9	1210	<20	<50	0.29	1
D64161 (362076)		<1	1.87	71	17	11.9	1400	5.4	0.44	586	2590	<20	<50	0.18	1
D64162 (362077)		<1	1.58	22	16	1.47	968	8.8	2.67	19.6	970	<20	<50	0.26	<1
D64163 (362078)		<1	1.44	22	15	1.42	808	10.8	2.74	18.1	984	<20	<50	0.28	1
D64164 (362079)		<1	2.09	56	30	10.8	1370	3.1	0.54	458	2020	<20	<50	0.18	<1
D64165 (362080)		<1	1.37	17	28	1.56	1420	10.1	3.03	8.0	1230	<20	<50	0.86	2
D64166 (362081)		<1	0.45	4	19	4.21	1110	3.4	1.97	118	347	<20	<50	0.44	2
D64167 (362082)		<1	1.24	17	16	1.41	1300	9.7	2.08	16.6	813	<20	<50	0.22	2
D64168 (362083)		<1	0.99	23	14	0.60	1280	21.8	1.95	5.4	644	<20	<50	0.22	1
D64169 (362084)		<1	1.01	20	19	0.73	1440	13.4	1.83	5.5	927	<20	<50	0.38	1
D64170 (362085)		<1	0.96	25	15	0.46	809	12.0	2.92	4.0	438	<20	<50	0.06	<1
D64171 (362086)		<1	0.39	10	6	0.10	411	20.1	2.55	4.8	29	<20	<50	0.48	2
D64172 (362087)		<1	0.02	2	<1	2.07	114	<0.5	0.04	<0.5	70	<20	<50	0.01	1
D64173 (362088)		<1	0.11	<2	5	0.03	102	24.4	0.63	7.1	15	<20	<50	0.55	1
D64174 (362089)		<1	0.59	5	9	0.15	326	20.7	2.81	4.7	86	<20	<50	0.85	2
D64175 (362090)		<1	1.12	21	23	0.52	1640	14.9	2.69	3.7	652	<20	<50	0.84	2
D64176 (362091)		<1	1.27	25	22	0.44	1540	20.6	2.36	3.6	488	<20	<50	0.53	1

Certified By:





## Certificate of Analysis

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PROJECT: AGAT00695

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 17, 2019

DATE RECEIVED: Jul 18, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D64177 (362092)		<1	2.02	24	19	0.38	1150	13.6	2.57	3.3	392	<20	<50	0.14	<1
D64178 (362093)		<1	2.17	23	19	0.38	1130	16.9	2.45	2.8	392	<20	<50	0.12	<1
D64179 (362094)		<1	1.41	22	17	0.46	1440	13.9	2.30	3.6	519	<20	<50	0.50	2
D64180 (362095)		<1	1.12	25	14	0.45	1100	17.1	2.04	3.8	699	<20	<50	0.28	2
D64181 (362096)		<1	1.57	22	30	1.59	1130	9.4	2.67	67.5	764	<20	<50	0.29	<1
D64182 (362097)		<1	2.14	51	50	9.70	1410	2.7	1.21	491	1540	<20	<50	0.17	2
D64183 (362098)		<1	2.27	52	60	9.60	1570	3.2	1.48	475	1880	<20	<50	0.18	3
D64184 (362099)		<1	0.89	25	19	0.58	283	16.0	3.93	12.1	208	<20	<50	1.72	2
D64185 (362100)		<1	0.92	37	10	0.55	243	15.8	2.79	11.3	200	<20	<50	2.93	2
D64186 (362101)		<1	0.52	4	20	4.05	1090	4.1	1.90	114	340	<20	<50	0.49	2
D64187 (362102)		<1	2.49	29	10	0.39	226	20.7	2.46	4.1	111	21	<50	2.22	3
D64188 (362103)		<1	4.58	32	5	0.12	149	17.5	1.52	5.0	128	36	<50	4.27	3
D64189 (362104)		<1	4.21	41	8	0.25	184	20.2	2.11	4.5	123	30	<50	3.12	2
D64190 (362105)		<1	3.92	27	8	0.31	216	16.9	1.72	5.8	180	28	<50	3.98	3
D64191 (362106)		<1	2.86	24	16	0.66	293	19.3	2.00	3.8	156	<20	<50	3.93	2
D64192 (362107)		<1	0.03	2	1	2.19	115	<0.5	0.07	0.6	88	<20	<50	<0.01	2
D64193 (362108)		<1	0.41	10	5	0.05	125	20.4	2.56	5.0	45	<20	<50	4.47	3
D64194 (362109)		<1	1.03	4	2	0.02	61	18.6	3.76	3.3	47	<20	<50	0.45	<1
D64195 (362110)		<1	2.97	2	1	0.01	52	12.8	2.53	3.3	38	<20	<50	0.05	1
D64196 (362111)		<1	2.92	2	2	0.02	131	15.1	2.12	3.6	29	<20	<50	0.08	1
D64197 (362112)		<1	1.90	<2	4	0.04	113	16.3	3.74	3.6	73	24	<50	4.43	3
D64198 (362113)		<1	1.96	2	5	0.05	110	12.3	3.83	3.6	72	24	<50	4.04	1
D64199 (362114)		<1	0.18	3	3	0.03	280	31.1	0.99	5.8	20	<20	<50	1.79	2
D64200 (362115)		<1	0.26	<2	5	0.02	122	20.0	1.55	4.9	16	<20	<50	0.18	1
D64201 (362116)		<1	0.25	<2	3	0.01	65	31.3	1.51	6.8	52	51	<50	0.36	1
D64202 (362117)		<1	0.64	3	9	0.19	114	19.7	2.27	5.1	27	<20	<50	2.97	2
D64203 (362118)		<1	1.58	22	29	0.65	248	17.7	2.93	8.8	312	<20	<50	1.94	2
D64204 (362119)		<1	1.53	37	19	0.54	254	22.6	2.54	4.3	145	<20	<50	2.57	2
D64205 (362120)		<1	2.03	29	20	0.51	235	17.0	2.46	4.3	132	<20	<50	2.24	3
D64206 (362121)		<1	0.24	3	13	4.13	1270	2.2	1.69	95.1	327	<20	<50	0.21	2
D64207 (362122)		<1	1.51	27	37	0.99	331	18.7	2.19	3.9	178	<20	<50	4.13	3
D64208 (362123)		<1	2.09	24	37	1.42	698	19.6	2.02	8.5	205	<20	<50	2.55	3

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T494516

PROJECT: AGAT00695

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 17, 2019

DATE RECEIVED: Jul 18, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D64209 (362124)		<1	2.07	5	3	0.04	79	15.7	2.67	3.6	29	<20	<50	0.24	1
D64210 (362125)		<1	1.83	3	3	0.02	64	22.9	2.03	4.3	18	<20	<50	0.34	<1
D64211 (362126)		<1	3.36	5	4	0.01	48	14.8	2.79	3.5	32	<20	<50	0.06	2
D64212 (362127)		<1	0.06	2	2	2.71	128	0.6	0.07	0.6	110	<20	<50	0.03	<1
D64213 (362128)		<1	3.38	4	3	0.02	50	21.8	1.54	4.0	31	<20	<50	0.19	<1
D64214 (362129)		<1	3.54	7	9	0.16	222	12.0	2.62	5.8	298	20	<50	1.97	2
D64215 (362130)		<1	0.95	24	26	0.68	956	15.5	2.04	8.1	510	<20	<50	0.21	1
D64216 (362131)		<1	0.78	25	22	0.52	930	11.4	2.13	2.6	462	<20	<50	0.09	<1

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DATE SAMPLED: Jul 17, 2019

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SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D64145 (362060)	15	<10	<5	219	<10	<10	<5	0.31	<5	<50	100	<1	11	64.6
D64146 (362061)	8	<10	<5	240	<10	<10	<5	0.18	<5	<50	63.6	<1	8	35.4
D64147 (362062)	2	<10	<5	167	<10	<10	<5	0.09	<5	<50	52.5	<1	1	112
D64148 (362063)	1	<10	<5	193	<10	<10	5	0.04	<5	<50	27.1	<1	2	23.5
D64149 (362064)	19	<10	<5	1020	<10	<10	<5	1.11	<5	<50	214	<1	45	170
D64150 (362065)	15	<10	<5	207	<10	<10	<5	0.32	<5	<50	111	<1	12	64.5
D64151 (362066)	16	<10	<5	210	<10	<10	<5	0.35	<5	<50	107	<1	11	75.8
D64152 (362067)	<1	<10	<5	76	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	2.8
D64153 (362068)	17	<10	<5	220	<10	<10	<5	0.31	<5	<50	106	<1	11	67.6
D64154 (362069)	<1	<10	<5	215	<10	<10	<5	0.03	<5	<50	11.7	<1	1	15.6
D64155 (362070)	<1	<10	<5	218	<10	<10	<5	0.03	<5	<50	16.9	<1	2	16.3
D64156 (362071)	15	<10	<5	238	<10	<10	<5	0.51	<5	<50	59.5	<1	36	100
D64157 (362072)	16	<10	<5	276	<10	<10	<5	0.57	<5	<50	61.2	<1	36	89.8
D64158 (362073)	16	<10	<5	282	<10	<10	<5	0.57	<5	<50	55.8	<1	36	90.3
D64159 (362074)	16	<10	<5	459	<10	<10	<5	0.56	<5	<50	64.5	<1	35	91.9
D64160 (362075)	11	<10	<5	532	<10	<10	<5	0.40	<5	<50	63.1	<1	26	455
D64161 (362076)	21	<10	<5	785	<10	<10	<5	2.49	<5	<50	261	<1	23	85.1
D64162 (362077)	17	<10	<5	325	<10	<10	<5	0.53	<5	<50	82.3	<1	32	144
D64163 (362078)	15	<10	<5	347	<10	<10	<5	0.52	<5	<50	58.3	<1	32	117
D64164 (362079)	23	<10	<5	655	<10	<10	<5	2.10	<5	<50	259	<1	22	89.8
D64165 (362080)	20	<10	<5	197	<10	<10	<5	0.57	<5	<50	32.8	<1	38	286
D64166 (362081)	36	<10	<5	93	<10	<10	<5	0.50	<5	<50	240	<1	18	77.0
D64167 (362082)	18	<10	<5	169	<10	<10	<5	0.45	<5	<50	53.7	<1	34	183
D64168 (362083)	18	<10	<5	137	<10	<10	<5	0.34	<5	<50	18.3	<1	54	151
D64169 (362084)	23	<10	<5	169	<10	<10	<5	0.45	<5	<50	20.6	<1	45	142
D64170 (362085)	11	<10	<5	160	<10	<10	<5	0.26	<5	<50	13.7	<1	16	113
D64171 (362086)	2	<10	<5	129	<10	<10	<5	0.18	<5	<50	33.2	<1	4	190
D64172 (362087)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	3.7
D64173 (362088)	<1	<10	<5	28	<10	<10	7	0.03	<5	<50	8.9	<1	7	86.8
D64174 (362089)	3	<10	<5	158	<10	<10	<5	0.11	<5	<50	13.5	<1	4	130
D64175 (362090)	18	<10	<5	139	<10	<10	<5	0.39	<5	<50	11.5	<1	38	403
D64176 (362091)	15	<10	<5	117	<10	<10	<5	0.32	<5	<50	9.3	<1	40	263

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T494516

PROJECT: AGAT00695

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 17, 2019

DATE RECEIVED: Jul 18, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D64177 (362092)	15	<10	<5	118	<10	<10	<5	0.31	<5	<50	8.6	<1	35	158
D64178 (362093)	15	<10	<5	115	<10	<10	<5	0.30	<5	<50	9.3	<1	34	152
D64179 (362094)	16	<10	<5	108	<10	<10	<5	0.30	<5	<50	11.4	<1	43	154
D64180 (362095)	18	<10	<5	127	<10	<10	<5	0.37	<5	<50	10.5	<1	58	178
D64181 (362096)	21	<10	<5	204	<10	<10	<5	0.54	<5	<50	34.8	<1	41	201
D64182 (362097)	20	<10	<5	692	<10	<10	<5	1.83	<5	<50	212	<1	22	90.2
D64183 (362098)	21	<10	<5	704	<10	<10	<5	1.93	<5	<50	237	<1	23	108
D64184 (362099)	12	<10	<5	164	<10	<10	9	0.20	<5	<50	20.3	<1	22	124
D64185 (362100)	10	<10	<5	111	<10	<10	<5	0.17	<5	<50	14.4	<1	15	112
D64186 (362101)	33	<10	<5	96	<10	<10	<5	0.52	<5	<50	235	<1	18	81.3
D64187 (362102)	9	<10	<5	122	<10	<10	<5	0.14	<5	<50	8.0	<1	11	138
D64188 (362103)	4	<10	<5	127	<10	<10	<5	0.07	<5	<50	10.0	<1	13	39.3
D64189 (362104)	7	<10	<5	127	<10	<10	<5	0.11	<5	<50	11.0	<1	17	121
D64190 (362105)	9	<10	<5	98	<10	<10	<5	0.12	<5	<50	12.4	<1	14	120
D64191 (362106)	9	<10	<5	117	<10	<10	<5	0.18	<5	<50	9.5	<1	13	230
D64192 (362107)	<1	<10	<5	72	<10	<10	<5	<0.01	<5	<50	1.3	<1	3	6.9
D64193 (362108)	1	<10	<5	136	<10	<10	<5	0.02	<5	<50	8.3	<1	7	29.5
D64194 (362109)	<1	<10	<5	219	<10	<10	<5	<0.01	<5	<50	3.0	<1	2	17.8
D64195 (362110)	<1	<10	<5	210	<10	<10	6	<0.01	<5	<50	2.2	1	2	11.6
D64196 (362111)	<1	<10	<5	197	<10	<10	<5	0.04	<5	<50	8.3	<1	2	50.3
D64197 (362112)	1	<10	<5	241	<10	<10	<5	0.04	<5	<50	10.5	<1	5	56.0
D64198 (362113)	2	<10	<5	245	<10	<10	<5	0.04	<5	<50	9.9	<1	5	55.1
D64199 (362114)	3	<10	<5	629	<10	<10	6	0.07	<5	<50	20.2	<1	11	166
D64200 (362115)	1	<10	<5	91	<10	<10	<5	0.03	<5	<50	8.1	<1	3	42.7
D64201 (362116)	<1	<10	<5	71	<10	<10	6	<0.01	<5	<50	4.2	<1	14	77.4
D64202 (362117)	2	<10	<5	133	<10	<10	<5	0.07	<5	<50	7.5	<1	3	69.5
D64203 (362118)	9	<10	<5	148	<10	<10	<5	0.19	<5	<50	18.6	<1	10	122
D64204 (362119)	10	<10	<5	107	<10	<10	<5	0.25	<5	<50	8.0	<1	14	131
D64205 (362120)	8	<10	<5	108	<10	<10	<5	0.24	<5	<50	8.1	<1	12	135
D64206 (362121)	42	<10	<5	165	<10	<10	<5	0.58	<5	<50	272	<1	20	74.3
D64207 (362122)	10	<10	<5	126	<10	<10	<5	0.24	<5	<50	8.2	<1	18	157
D64208 (362123)	11	<10	<5	109	<10	<10	<5	0.32	<5	<50	17.8	<1	13	279

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T494516

PROJECT: AGAT00695

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 17, 2019

DATE RECEIVED: Jul 18, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D64209 (362124)	<1	<10	<5	198	<10	<10	<5	0.02	<5	<50	4.7	<1	2	23.2
D64210 (362125)	<1	<10	<5	150	<10	<10	<5	0.01	<5	<50	3.7	<1	2	17.4
D64211 (362126)	<1	<10	<5	202	<10	<10	<5	<0.01	<5	<50	2.4	<1	2	9.9
D64212 (362127)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	1.6	<1	3	5.9
D64213 (362128)	<1	<10	<5	142	<10	<10	<5	<0.01	<5	<50	2.7	<1	4	11.6
D64214 (362129)	3	<10	<5	250	<10	<10	<5	0.05	<5	<50	6.9	<1	8	49.9
D64215 (362130)	14	<10	<5	155	<10	<10	<5	0.23	<5	<50	10.4	<1	36	137
D64216 (362131)	13	<10	<5	163	<10	<10	<5	0.24	<5	<50	7.2	<1	36	149

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T494516

PROJECT: AGAT00695

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 17, 2019

DATE RECEIVED: Jul 18, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D64145 (362060)			99
D64146 (362061)			51
D64147 (362062)			131
D64148 (362063)			157
D64149 (362064)			147
D64150 (362065)			112
D64151 (362066)			80
D64152 (362067)			<5
D64153 (362068)			121
D64154 (362069)			24
D64155 (362070)			177
D64156 (362071)			187
D64157 (362072)			158
D64158 (362073)			159
D64159 (362074)			109
D64160 (362075)			169
D64161 (362076)			268
D64162 (362077)			189
D64163 (362078)			178
D64164 (362079)			198
D64165 (362080)			140
D64166 (362081)			51
D64167 (362082)			123
D64168 (362083)			223
D64169 (362084)			140
D64170 (362085)			107
D64171 (362086)			491
D64172 (362087)			<5
D64173 (362088)			913
D64174 (362089)			486
D64175 (362090)			165
D64176 (362091)			129

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T494516

PROJECT: AGAT00695

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 17, 2019

DATE RECEIVED: Jul 18, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Zr
	Unit:	ppm
	RDL:	5
D64177 (362092)		204
D64178 (362093)		198
D64179 (362094)		214
D64180 (362095)		265
D64181 (362096)		211
D64182 (362097)		93
D64183 (362098)		167
D64184 (362099)		245
D64185 (362100)		203
D64186 (362101)		53
D64187 (362102)		146
D64188 (362103)		122
D64189 (362104)		270
D64190 (362105)		85
D64191 (362106)		182
D64192 (362107)		<5
D64193 (362108)		799
D64194 (362109)		337
D64195 (362110)		494
D64196 (362111)		322
D64197 (362112)		908
D64198 (362113)		895
D64199 (362114)		>1000
D64200 (362115)		697
D64201 (362116)		569
D64202 (362117)		544
D64203 (362118)		151
D64204 (362119)		140
D64205 (362120)		179
D64206 (362121)		48
D64207 (362122)		209
D64208 (362123)		181

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T494516

PROJECT: AGAT00695

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 17, 2019      DATE RECEIVED: Jul 18, 2019      DATE REPORTED: Aug 09, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D64209 (362124)				146
D64210 (362125)				350
D64211 (362126)				6
D64212 (362127)				<5
D64213 (362128)				34
D64214 (362129)				202
D64215 (362130)				226
D64216 (362131)				222

Comments: RDL - Reported Detection Limit  
 362060-362131 As, Sb values may be low due to digestion losses.  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T494516

PROJECT: AGAT00695

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 17, 2019

DATE RECEIVED: Jul 18, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D64145 (362060)			0.003
D64146 (362061)			2.44
D64147 (362062)			0.002
D64148 (362063)			<0.001
D64149 (362064)			0.001
D64150 (362065)			<0.001
D64151 (362066)			0.004
D64152 (362067)			0.001
D64153 (362068)			0.002
D64154 (362069)			0.001
D64155 (362070)			0.001
D64156 (362071)			0.003
D64157 (362072)			0.001
D64158 (362073)			0.001
D64159 (362074)			0.001
D64160 (362075)			0.003
D64161 (362076)			0.001
D64162 (362077)			0.002
D64163 (362078)			0.002
D64164 (362079)			0.001
D64165 (362080)			0.031
D64166 (362081)			3.49
D64167 (362082)			0.006
D64168 (362083)			0.003
D64169 (362084)			0.001
D64170 (362085)			<0.001
D64171 (362086)			0.005
D64172 (362087)			<0.001
D64173 (362088)			0.002
D64174 (362089)			0.006
D64175 (362090)			0.004
D64176 (362091)			0.003

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T494516

PROJECT: AGAT00695

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 17, 2019

DATE RECEIVED: Jul 18, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D64177 (362092)			0.001
D64178 (362093)			<0.001
D64179 (362094)			0.003
D64180 (362095)			0.007
D64181 (362096)			0.007
D64182 (362097)			<0.001
D64183 (362098)			0.001
D64184 (362099)			0.010
D64185 (362100)			0.011
D64186 (362101)			6.70
D64187 (362102)			0.010
D64188 (362103)			0.012
D64189 (362104)			0.014
D64190 (362105)			0.031
D64191 (362106)			0.012
D64192 (362107)			<0.001
D64193 (362108)			0.019
D64194 (362109)			0.021
D64195 (362110)			0.001
D64196 (362111)			0.001
D64197 (362112)			0.057
D64198 (362113)			0.027
D64199 (362114)			0.010
D64200 (362115)			0.002
D64201 (362116)			0.002
D64202 (362117)			0.024
D64203 (362118)			0.012
D64204 (362119)			0.015
D64205 (362120)			0.018
D64206 (362121)			1.23
D64207 (362122)			0.025
D64208 (362123)			0.014

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T494516

PROJECT: AGAT00695

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 17, 2019

DATE RECEIVED: Jul 18, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Analyte:	Unit:	RDL:
Au	ppm	0.001
Sample ID (AGAT ID)		
D64209 (362124)		0.002
D64210 (362125)		0.006
D64211 (362126)		0.007
D64212 (362127)		0.003
D64213 (362128)		0.001
D64214 (362129)		0.011
D64215 (362130)		0.002
D64216 (362131)		0.003

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T494516

PROJECT: AGAT00695

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 17, 2019

DATE RECEIVED: Jul 18, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D64145 (362060)		82.09
D64164 (362079)		87.40
D64184 (362099)		81.30
D64204 (362119)		85.40

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T494516

PROJECT: AGAT00695

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 17, 2019

DATE RECEIVED: Jul 18, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D64145 (362060)		86.50
D64181 (362096)		85.53

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	362060	< 0.5	< 0.5	0.0%	362074	< 0.5	< 0.5	0.0%	362085	< 0.5	< 0.5	0.0%	362099	1.5	1.6	6.5%
Al	362060	8.11	8.10	0.1%	362074	7.11	7.19	1.1%	362085	7.16	6.91	3.6%	362099	6.87	6.75	1.8%
As	362060	< 1	< 1	0.0%	362074	< 1	< 1	0.0%	362085	< 1	< 1	0.0%	362099	< 1	< 1	0.0%
Ba	362060	281	275	2.2%	362074	553	553	0.0%	362085	185	181	2.2%	362099	325	322	0.9%
Be	362060	0.6	0.6	0.0%	362074	1.2	1.2	0.0%	362085	1.0	1.0	0.0%	362099	2.0	2.1	4.9%
Bi	362060	< 1	< 1	0.0%	362074	< 1	< 1	0.0%	362085	< 1	< 1	0.0%	362099	< 1	< 1	0.0%
Ca	362060	3.90	3.77	3.4%	362074	3.05	3.06	0.3%	362085	2.30	2.29	0.4%	362099	1.97	1.93	2.1%
Cd	362060	< 0.5	< 0.5	0.0%	362074	< 0.5	< 0.5	0.0%	362085	< 0.5	< 0.5	0.0%	362099	< 0.5	< 0.5	0.0%
Ce	362060	21	22	4.7%	362074	41	41	0.0%	362085	48	48	0.0%	362099	60	60	0.0%
Co	362060	17.1	17.5	2.3%	362074	11.4	11.8	3.4%	362085	3.6	3.3	8.7%	362099	3.0	3.2	6.5%
Cr	362060	124	119	4.1%	362074	158	159	0.6%	362085	118	112	5.2%	362099	154	133	14.6%
Cu	362060	3.3	3.4	3.0%	362074	26.2	25.7	1.9%	362085	1.19	1.26	5.7%	362099	40.7	40.2	1.2%
Fe	362060	3.87	3.88	0.3%	362074	4.97	4.96	0.2%	362085	4.71	4.55	3.5%	362099	4.14	4.03	2.7%
Ga	362060	22	22	0.0%	362074	22	23	4.4%	362085	23	22	4.4%	362099	21	21	0.0%
In	362060	< 1	< 1	0.0%	362074	< 1	< 1	0.0%	362085	< 1	< 1	0.0%	362099	< 1	< 1	0.0%
K	362060	0.851	0.858	0.8%	362074	1.19	1.21	1.7%	362085	0.958	0.889	7.5%	362099	0.89	0.88	1.1%
La	362060	11	12	8.7%	362074	18	19	5.4%	362085	25	25	0.0%	362099	25	26	3.9%
Li	362060	29	29	0.0%	362074	10	10	0.0%	362085	15	14	6.9%	362099	19	18	5.4%
Mg	362060	1.35	1.36	0.7%	362074	1.15	1.15	0.0%	362085	0.461	0.422	8.8%	362099	0.58	0.58	0.0%
Mn	362060	624	624	0.0%	362074	876	883	0.8%	362085	809	715	12.3%	362099	283	281	0.7%
Mo	362060	11.0	10.2	7.5%	362074	14.4	14.4	0.0%	362085	12.0	16.1	29.2%	362099	16.0	15.7	1.9%
Na	362060	2.99	2.96	1.0%	362074	2.58	2.58	0.0%	362085	2.92	2.96	1.4%	362099	3.93	3.83	2.6%
Ni	362060	50.4	51.4	2.0%	362074	9.9	10.1	2.0%	362085	4.0	3.9	2.5%	362099	12.1	12.7	4.8%
P	362060	433	423	2.3%	362074	944	954	1.1%	362085	438	401	8.8%	362099	208	207	0.5%
Pb	362060	< 20	< 20	0.0%	362074	< 20	< 20	0.0%	362085	< 20	< 20	0.0%	362099	< 20	< 20	0.0%
Rb	362060	< 50	< 50	0.0%	362074	< 50	< 50	0.0%	362085	< 50	< 50	0.0%	362099	< 50	< 50	0.0%
S	362060	0.01	0.01	0.0%	362074	0.14	0.14	0.0%	362085	0.06	0.06	0.0%	362099	1.72	1.66	3.6%
Sb	362060	< 1	< 1	0.0%	362074	2	1		362085	< 1	1		362099	2	1	
Sc	362060	15	16	6.5%	362074	16	17	6.1%	362085	11	10	9.5%	362099	12	12	0.0%
Se	362060	< 10	< 10	0.0%	362074	< 10	< 10	0.0%	362085	< 10	< 10	0.0%	362099	< 10	< 10	0.0%
Sn	362060	< 5	< 5	0.0%	362074	< 5	< 5	0.0%	362085	< 5	< 5	0.0%	362099	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	362060	219	214	2.3%	362074	459	455	0.9%	362085	160	161	0.6%	362099	164	161	1.8%
Ta	362060	< 10	< 10	0.0%	362074	< 10	< 10	0.0%	362085	< 10	< 10	0.0%	362099	< 10	< 10	0.0%
Te	362060	< 10	< 10	0.0%	362074	< 10	< 10	0.0%	362085	< 10	< 10	0.0%	362099	< 10	< 10	0.0%
Th	362060	< 5	< 5	0.0%	362074	< 5	< 5	0.0%	362085	< 5	< 5	0.0%	362099	9	9	0.0%
Ti	362060	0.308	0.303	1.6%	362074	0.556	0.555	0.2%	362085	0.26	0.25	3.9%	362099	0.20	0.20	0.0%
Tl	362060	< 5	< 5	0.0%	362074	< 5	< 5	0.0%	362085	< 5	< 5	0.0%	362099	< 5	< 5	0.0%
U	362060	< 50	< 50	0.0%	362074	< 50	< 50	0.0%	362085	< 50	< 50	0.0%	362099	< 50	< 50	0.0%
V	362060	100	101	1.0%	362074	64.5	67.1	4.0%	362085	13.7	15.0	9.1%	362099	20.3	20.9	2.9%
W	362060	< 1	< 1	0.0%	362074	< 1	< 1	0.0%	362085	< 1	< 1	0.0%	362099	< 1	< 1	0.0%
Y	362060	11	12	8.7%	362074	35	35	0.0%	362085	16	14	13.3%	362099	22	21	4.7%
Zn	362060	64.6	64.3	0.5%	362074	91.9	90.6	1.4%	362085	113	107	5.5%	362099	124	120	3.3%
Zr	362060	99	105	5.9%	362074	109	108	0.9%	362085	107	109	1.9%	362099	245	253	3.2%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	362110	3.4	3.4	0.0%	362124	0.9	0.9	0.0%								
Al	362110	6.42	6.48	0.9%	362124	6.38	6.30	1.3%								
As	362110	< 1	1		362124	1	< 1									
Ba	362110	1410	1450	2.8%	362124	1000	985	1.5%								
Be	362110	0.53	0.55	3.7%	362124	0.8	0.8	0.0%								
Bi	362110	< 1	< 1	0.0%	362124	< 1	< 1	0.0%								
Ca	362110	1.14	1.16	1.7%	362124	1.41	1.38	2.2%								
Cd	362110	< 0.5	< 0.5	0.0%	362124	< 0.5	< 0.5	0.0%								
Ce	362110	6	6	0.0%	362124	9	9	0.0%								
Co	362110	< 0.5	< 0.5	0.0%	362124	< 0.5	< 0.5	0.0%								
Cr	362110	69.5	62.6	10.4%	362124	114	124	8.4%								
Cu	362110	2.6	1.9		362124	5.46	5.32	2.6%								
Fe	362110	0.330	0.324	1.8%	362124	1.15	1.13	1.8%								
Ga	362110	10	10	0.0%	362124	13	13	0.0%								
In	362110	< 1	< 1	0.0%	362124	< 1	< 1	0.0%								
K	362110	2.97	3.05	2.7%	362124	2.07	2.04	1.5%								
La	362110	2	2	0.0%	362124	5	5	0.0%								
Li	362110	1	1	0.0%	362124	3	3	0.0%								
Mg	362110	0.01	0.01	0.0%	362124	0.036	0.034	5.7%								
Mn	362110	52	54	3.8%	362124	79	78	1.3%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	362110	12.8	15.0	15.8%	362124	15.7	16.3	3.8%								
Na	362110	2.53	2.52	0.4%	362124	2.67	2.64	1.1%								
Ni	362110	3.3	3.9	16.7%	362124	3.64	4.00	9.4%								
P	362110	38	38	0.0%	362124	29	35	18.8%								
Pb	362110	< 20	< 20	0.0%	362124	< 20	< 20	0.0%								
Rb	362110	< 50	< 50	0.0%	362124	< 50	< 50	0.0%								
S	362110	0.05	0.03		362124	0.24	0.23	4.3%								
Sb	362110	1	< 1		362124	1	< 1									
Sc	362110	< 1	< 1	0.0%	362124	< 1	< 1	0.0%								
Se	362110	< 10	< 10	0.0%	362124	< 10	< 10	0.0%								
Sn	362110	< 5	< 5	0.0%	362124	< 5	< 5	0.0%								
Sr	362110	210	212	0.9%	362124	198	195	1.5%								
Ta	362110	< 10	< 10	0.0%	362124	< 10	< 10	0.0%								
Te	362110	< 10	< 10	0.0%	362124	< 10	< 10	0.0%								
Th	362110	6	6	0.0%	362124	< 5	< 5	0.0%								
Ti	362110	< 0.01	< 0.01	0.0%	362124	0.02	0.02	0.0%								
Tl	362110	< 5	< 5	0.0%	362124	< 5	< 5	0.0%								
U	362110	< 50	< 50	0.0%	362124	< 50	< 50	0.0%								
V	362110	2.2	2.3	4.4%	362124	4.7	4.8	2.1%								
W	362110	1	< 1		362124	< 1	< 1	0.0%								
Y	362110	2	2	0.0%	362124	2	2	0.0%								
Zn	362110	11.6	12.3	5.9%	362124	23.2	23.1	0.4%								
Zr	362110	494	499	1.0%	362124	146	140	4.2%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	362060	0.0028	0.0023	19.6%	362074	0.001	0.001	0.0%	362085	< 0.001	< 0.001	0.0%	362099	0.010	0.010	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	362110	0.001	< 0.001		362124	0.002	0.005									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP5G)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	2.76	91%	90% - 110%
Al	10.95	11.03	101%	90% - 110%	8.17	8.09	99%	90% - 110%	6.96	6.7	96%	90% - 110%	4.75	4.81	101%	90% - 110%
As					26	23	90%	90% - 110%	124	129	104%	90% - 110%				
Ba	340	325	96%	90% - 110%	540	517	96%	90% - 110%	186	177	95%	90% - 110%	216	212	98%	90% - 110%
Be	2.6	2.8	109%	90% - 110%	4.0	3.3	83%	90% - 110%								
Ca	5.72	5.59	98%	90% - 110%	0.907	0.887	98%	90% - 110%	4.01	3.81	95%	90% - 110%	10	9	95%	90% - 110%
Ce	122	113	92%	90% - 110%	98	95	97%	90% - 110%	24	23	95%	90% - 110%				
Co									22.1	21.2	96%	90% - 110%	191	177	92%	90% - 110%
Cr					60.3	60.8	101%	90% - 110%					670	639	95%	90% - 110%
Cu					150	149	99%	90% - 110%	88.6	81.9	92%	90% - 110%	7120	7330	103%	90% - 110%
Fe	4.34	4.11	95%	90% - 110%	3.77	3.61	96%	90% - 110%	7.56	7.18	95%	90% - 110%	12.71	12.01	94%	90% - 110%
Ga	35	35	101%	90% - 110%												
K	1.37	1.5	109%	90% - 110%					2.021	2.062	102%	90% - 110%	0.1021	0.1068	105%	90% - 110%
La	58	56	96%	90% - 110%	44	43	98%	90% - 110%					8.47	7.69	91%	90% - 110%
Li	37	38	102%	90% - 110%	47	45	97%	90% - 110%								
Mg	0.325	0.304	93%	90% - 110%	1.10	1.06	97%	90% - 110%	2.412	2.318	96%	90% - 110%	7.41	7.35	99%	90% - 110%
Mn					780	734	94%	90% - 110%	1510	1420	94%	90% - 110%				
Mo					14	14	99%	90% - 110%								
Na	5.267	5.52	105%	90% - 110%	1.624	1.719	106%	90% - 110%	0.617	0.635	103%	90% - 110%	0.112	0.12	107%	90% - 110%
Ni					32	32	99%	90% - 110%	77.1	71.8	93%	90% - 110%	2480	2238	90%	90% - 110%
P					750	716	95%	90% - 110%	892	838	94%	90% - 110%	731	661	90%	90% - 110%
Pb					31	28	91%	90% - 110%								
S									0.348	0.325	93%	90% - 110%				
Sc	1.1	1	94%	90% - 110%	12	13	107%	90% - 110%					21.33	21.5	101%	90% - 110%
Sr	1191	1139	96%	90% - 110%	144	145	101%	90% - 110%	92.8	85.1	92%	90% - 110%	39	36	93%	90% - 110%
Ti	0.172	0.17	99%	90% - 110%	0.53	0.48	90%	90% - 110%					0.419	0.415	99%	90% - 110%
V	8	8	97%	90% - 110%	77	80	104%	90% - 110%					158	162	103%	90% - 110%
Y	119	127	107%	90% - 110%									12.67	13.03	103%	90% - 110%
Zn	93	93	100%	90% - 110%	130	125	96%	90% - 110%	208	208	100%	90% - 110%	112	112	100%	90% - 110%
Zr													35.7	36.8	103%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP5G)				CRM #4 (ref.GSP7M)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.27	5.32	101%	90% - 110%	6.87	6.97	101%	90% - 110%	0.562	0.509	91%	90% - 110%	0.725	0.727	100%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00695  
 SAMPLING SITE:

AGAT WORK ORDER: 19T494516  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill, Christine Shultis

PROJECT: AGAT00696

AGAT WORK ORDER: 19T495141

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Aug 01, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T495141

PROJECT: AGAT00696

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (200-) Sample Login Weight

DATE SAMPLED: Jul 18, 2019

DATE RECEIVED: Jul 19, 2019

DATE REPORTED: Aug 01, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D63343 (364689)		1.45
D63344 (364690)		1.88
D63345 (364691)		2.14
D63346 (364692)		0.06
D63347 (364693)		0.89
D63348 (364694)		2.14
D63349 (364695)		2.46
D63350 (364696)		1.28
D63351 (364697)		1.72
D63352 (364698)		0.47
D63353 (364699)		1.85
D63354 (364700)		1.01
D63355 (364701)		1.48
D63356 (364702)		0.52
D63357 (364703)		1.51
D63358 (364704)		1.51
D63359 (364705)		2.33
D63360 (364706)		1.69
D63361 (364707)		1.55
D63362 (364708)		2.06
D63363 (364709)		1.20
D63364 (364710)		1.32
D63365 (364711)		1.35
D63366 (364712)		0.07
D63367 (364713)		1.84
D63368 (364714)		1.54
D63369 (364715)		2.24
D63370 (364716)		2.30
D63371 (364717)		2.50
D63372 (364718)		0.58
D63373 (364719)		2.15

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T495141

PROJECT: AGAT00696

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## (200-) Sample Login Weight

DATE SAMPLED: Jul 18, 2019

DATE RECEIVED: Jul 19, 2019

DATE REPORTED: Aug 01, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D63374 (364720)		1.54
D63375 (364721)		2.97
D63376 (364722)		3.48
D63377 (364723)		3.69
D63378 (364724)		3.68
D63379 (364725)		2.62
D63380 (364726)		0.78
D63381 (364727)		3.23
D63382 (364728)		3.42
D63383 (364729)		3.48
D63384 (364730)		3.43
D63385 (364731)		3.15
D63386 (364732)		0.07
D63387 (364733)		1.15
D63388 (364734)		0.56
D63389 (364735)		2.83
D63390 (364736)		2.87
D63391 (364737)		1.61
D63392 (364738)		0.62
D63393 (364739)		1.40
D63394 (364740)		1.33
D63395 (364741)		1.97
D63396 (364742)		2.31
D63397 (364743)		2.30
D63398 (364744)		2.30
D63399 (364745)		1.60
D63400 (364746)		2.23
D63401 (364747)		1.29
D63402 (364748)		1.18
D63403 (364749)		1.77
D63404 (364750)		1.42

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T495141

PROJECT: AGAT00696

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (200-) Sample Login Weight

DATE SAMPLED: Jul 18, 2019

DATE RECEIVED: Jul 19, 2019

DATE REPORTED: Aug 01, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D63405 (364751)		2.45
D63406 (364752)		0.07
D63407 (364753)		2.26
D63408 (364754)		1.09
D63409 (364755)		1.93
D63410 (364756)		1.19
D63411 (364757)		0.76
D63412 (364758)		0.60
D63413 (364759)		0.67
D63414 (364760)		1.93

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T495141

PROJECT: AGAT00696

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 18, 2019

DATE RECEIVED: Jul 19, 2019

DATE REPORTED: Aug 01, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D63343 (364689)		1.0	7.14	<1	132	0.9	<1	3.09	<0.5	40	16.8	20.5	141	8.53	19
D63344 (364690)		1.0	6.00	<1	153	1.2	<1	3.36	<0.5	36	16.0	15.5	175	8.09	19
D63345 (364691)		1.0	7.34	<1	310	1.9	<1	3.36	<0.5	48	7.5	27.3	62.0	5.49	20
D63346 (364692)		<0.5	7.43	<1	145	<0.5	<1	6.84	<0.5	5	37.8	134	167	7.91	19
D63347 (364693)		0.6	3.93	<1	475	0.8	<1	6.21	<0.5	72	54.0	443	115	8.74	21
D63348 (364694)		0.7	8.44	<1	370	6.0	<1	4.36	<0.5	31	20.1	19.3	49.6	6.12	21
D63349 (364695)		<0.5	8.47	<1	163	<0.5	<1	5.31	<0.5	21	27.1	74.4	28.7	6.80	22
D63350 (364696)		<0.5	7.52	<1	436	<0.5	<1	5.69	<0.5	54	30.4	88.4	97.4	6.98	22
D63351 (364697)		<0.5	8.39	<1	212	1.2	<1	4.92	<0.5	32	25.4	26.5	78.2	6.12	22
D63352 (364698)		<0.5	0.05	2	15	<0.5	<1	31.4	<0.5	<1	0.6	2.6	<0.5	0.10	6
D63353 (364699)		0.7	6.59	<1	243	1.0	<1	4.76	<0.5	62	22.5	61.1	68.9	5.31	20
D63354 (364700)		0.5	7.77	<1	232	0.6	<1	3.74	<0.5	38	14.4	15.7	35.7	4.75	19
D63355 (364701)		<0.5	8.19	<1	72	0.7	<1	4.78	<0.5	28	22.6	20.1	33.0	5.84	21
D63356 (364702)		<0.5	6.12	2	101	0.9	<1	2.36	<0.5	43	4.4	7.6	38.2	1.32	14
D63357 (364703)		<0.5	8.59	<1	185	1.2	<1	4.75	<0.5	39	22.5	40.7	117	6.04	23
D63358 (364704)		<0.5	8.59	<1	198	1.4	<1	4.51	<0.5	36	22.9	37.8	136	5.85	22
D63359 (364705)		<0.5	8.35	<1	168	1.3	<1	5.81	<0.5	15	30.6	99.9	27.8	7.37	20
D63360 (364706)		<0.5	8.17	<1	262	0.7	<1	6.80	<0.5	27	30.6	97.1	32.8	7.68	20
D63361 (364707)		0.6	7.55	<1	383	1.0	<1	7.00	<0.5	43	33.4	104	40.1	7.67	22
D63362 (364708)		<0.5	2.90	<1	953	1.8	<1	10.1	<0.5	214	58.5	367	120	10.7	25
D63363 (364709)		<0.5	2.92	<1	885	2.5	<1	9.95	<0.5	176	65.4	316	122	10.9	26
D63364 (364710)		<0.5	7.84	4	259	3.9	<1	5.92	<0.5	21	28.8	76.7	6.0	6.81	19
D63365 (364711)		<0.5	8.56	<1	263	0.9	<1	5.56	<0.5	20	32.6	95.3	77.8	7.40	23
D63366 (364712)		<0.5	7.47	<1	146	<0.5	<1	6.67	<0.5	5	37.6	136	165	7.74	19
D63367 (364713)		<0.5	9.60	<1	141	1.2	<1	5.69	<0.5	29	23.7	46.5	34.1	6.91	23
D63368 (364714)		0.7	8.52	<1	171	<0.5	<1	2.86	<0.5	52	6.4	5.7	20.9	4.69	22
D63369 (364715)		0.6	8.40	<1	176	0.5	<1	2.78	<0.5	54	6.2	8.2	11.0	4.73	22
D63370 (364716)		0.6	8.05	<1	166	0.7	<1	4.76	<0.5	28	18.9	46.9	120	6.00	22
D63371 (364717)		<0.5	8.49	<1	106	<0.5	<1	6.06	<0.5	34	33.3	134	5.8	6.66	20
D63372 (364718)		<0.5	0.08	<1	19	<0.5	<1	32.8	<0.5	<1	0.8	2.5	<0.5	0.10	7
D63373 (364719)		0.6	6.92	<1	175	<0.5	<1	4.65	<0.5	30	24.0	163	39.1	5.18	20
D63374 (364720)		<0.5	8.86	<1	283	<0.5	<1	5.79	<0.5	30	24.3	14.8	27.2	6.63	24

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T495141

PROJECT: AGAT00696

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 18, 2019	DATE RECEIVED: Jul 19, 2019							DATE REPORTED: Aug 01, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D63375 (364721)	<0.5	9.06	<1	144	<0.5	<1	6.36	<0.5	21	23.9	36.4	9.4	6.54	23	
D63376 (364722)	<0.5	8.91	<1	141	<0.5	<1	5.91	<0.5	16	26.7	56.0	36.7	6.36	23	
D63377 (364723)	<0.5	8.87	<1	184	<0.5	<1	4.59	<0.5	21	24.8	28.6	32.4	6.05	22	
D63378 (364724)	<0.5	9.02	<1	179	<0.5	<1	4.83	<0.5	20	26.5	24.3	39.1	6.21	24	
D63379 (364725)	<0.5	8.94	<1	193	<0.5	<1	5.37	<0.5	18	24.8	31.7	62.5	5.91	22	
D63380 (364726)	0.7	7.02	<1	431	2.8	<1	6.39	<0.5	44	36.4	139	71.5	7.21	22	
D63381 (364727)	<0.5	8.93	<1	150	0.5	<1	5.77	<0.5	16	25.3	35.4	41.5	5.99	21	
D63382 (364728)	<0.5	8.92	<1	110	<0.5	<1	5.96	<0.5	17	27.0	38.3	56.7	6.01	22	
D63383 (364729)	<0.5	8.97	<1	106	0.5	<1	6.39	<0.5	16	25.5	39.6	44.2	5.89	21	
D63384 (364730)	<0.5	8.19	<1	104	<0.5	<1	5.63	<0.5	22	25.8	26.8	24.7	6.36	23	
D63385 (364731)	<0.5	8.11	<1	91	<0.5	<1	5.27	<0.5	23	26.0	11.6	49.8	6.60	25	
D63386 (364732)	<0.5	7.37	<1	143	<0.5	<1	7.13	<0.5	5	39.8	134	166	8.20	20	
D63387 (364733)	<0.5	7.99	<1	252	0.7	<1	5.04	<0.5	22	25.1	12.6	14.6	6.77	23	
D63388 (364734)	<0.5	7.65	<1	412	1.0	<1	4.69	<0.5	10	16.5	10.1	17.7	4.16	21	
D63389 (364735)	0.5	8.13	<1	302	0.6	<1	4.83	<0.5	25	27.2	28.5	56.2	6.68	22	
D63390 (364736)	0.6	8.19	<1	321	<0.5	<1	4.28	<0.5	25	27.2	13.5	15.4	6.70	24	
D63391 (364737)	1.0	5.74	<1	716	0.8	<1	6.28	<0.5	89	26.7	112	54.8	6.64	21	
D63392 (364738)	<0.5	0.07	1	16	<0.5	<1	32.8	<0.5	<1	0.7	2.2	<0.5	0.11	7	
D63393 (364739)	<0.5	5.21	11	333	1.1	<1	6.46	<0.5	90	20.6	108	45.1	5.72	20	
D63394 (364740)	0.7	7.99	<1	361	2.4	<1	3.07	<0.5	14	9.6	9.8	102	3.64	21	
D63395 (364741)	1.0	8.31	<1	312	1.5	<1	3.25	<0.5	49	7.8	12.4	34.7	4.47	23	
D63396 (364742)	0.5	8.01	<1	300	0.9	<1	3.77	<0.5	40	6.7	10.3	20.4	5.40	21	
D63397 (364743)	<0.5	8.07	<1	328	0.6	<1	3.68	<0.5	43	8.7	16.4	11.9	5.37	21	
D63398 (364744)	<0.5	8.12	<1	335	0.6	<1	3.67	<0.5	43	7.8	13.1	9.6	5.46	21	
D63399 (364745)	<0.5	8.14	<1	337	0.8	<1	4.52	<0.5	40	15.0	27.4	38.3	6.34	20	
D63400 (364746)	<0.5	2.78	<1	684	<0.5	<1	7.80	<0.5	95	62.0	575	106	9.04	18	
D63401 (364747)	1.7	7.66	<1	293	1.2	<1	4.24	<0.5	40	8.1	12.3	16.2	5.04	19	
D63402 (364748)	0.5	9.06	<1	642	0.9	<1	2.83	<0.5	42	5.3	7.3	18.7	3.65	20	
D63403 (364749)	<0.5	8.64	<1	654	1.4	<1	2.51	<0.5	43	3.1	4.8	10.0	2.66	16	
D63404 (364750)	<0.5	8.11	<1	413	0.9	<1	5.20	<0.5	51	11.9	28.1	20.1	5.95	22	
D63405 (364751)	0.5	3.67	<1	613	<0.5	<1	7.98	<0.5	97	58.9	517	110	9.37	20	
D63406 (364752)	<0.5	7.87	<1	193	<0.5	<1	6.80	<0.5	14	35.7	138	110	8.07	21	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T495141

PROJECT: AGAT00696

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 18, 2019

DATE RECEIVED: Jul 19, 2019

DATE REPORTED: Aug 01, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
		0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5
D63407 (364753)		0.5	2.32	<1	631	1.1	<1	7.79	<0.5	92	64.5	542	111	9.69	17
D63408 (364754)		1.4	6.03	<1	611	2.6	<1	4.91	<0.5	50	21.2	129	54.0	4.63	20
D63409 (364755)		<0.5	7.38	<1	349	0.7	<1	4.92	<0.5	49	11.0	29.7	23.8	5.09	20
D63410 (364756)		0.6	3.66	<1	682	0.8	<1	7.92	<0.5	78	45.2	425	84.9	7.40	17
D63411 (364757)		<0.5	6.80	<1	326	0.9	<1	4.04	<0.5	41	7.4	19.1	20.4	3.36	18
D63412 (364758)		<0.5	0.08	4	17	<0.5	<1	35.4	<0.5	<1	0.6	2.1	<0.5	0.08	7
D63413 (364759)		<0.5	7.53	<1	145	3.3	<1	7.72	<0.5	10	36.9	96.3	114	6.98	19
D63414 (364760)		<0.5	7.46	<1	272	1.1	<1	4.28	<0.5	44	6.7	14.1	25.1	4.18	18

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 18, 2019

DATE RECEIVED: Jul 19, 2019

DATE REPORTED: Aug 01, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D63343 (364689)		<1	0.59	20	17	1.11	1460	0.8	3.05	16.0	1110	<20	<50	2.45	<1
D63344 (364690)		<1	0.58	18	15	0.93	1180	2.0	2.60	10.1	911	<20	<50	2.86	<1
D63345 (364691)		<1	0.71	23	16	1.14	1250	1.3	3.12	13.0	1290	<20	<50	0.89	<1
D63346 (364692)		<1	0.21	5	12	4.28	1370	<0.5	2.40	83.3	387	<20	<50	0.15	<1
D63347 (364693)		<1	1.96	38	20	8.13	1350	1.0	1.54	406	954	<20	<50	0.39	<1
D63348 (364694)		<1	0.87	16	23	2.07	1160	0.5	3.36	22.6	769	<20	<50	0.48	<1
D63349 (364695)		<1	0.70	12	16	3.01	1190	<0.5	3.00	55.3	611	<20	<50	0.06	<1
D63350 (364696)		<1	1.18	27	27	3.64	1110	0.7	3.06	78.5	1050	<20	<50	0.15	<1
D63351 (364697)		<1	0.71	17	23	2.61	1040	0.6	3.59	34.2	775	<20	<50	0.14	<1
D63352 (364698)		2	<0.01	<2	<1	3.02	55	<0.5	0.04	<0.5	67	<20	<50	0.03	<1
D63353 (364699)		<1	0.65	31	19	2.95	864	1.3	2.76	72.2	952	<20	<50	0.15	<1
D63354 (364700)		<1	0.84	19	18	1.82	758	2.1	2.84	16.8	652	<20	<50	0.09	<1
D63355 (364701)		<1	0.59	14	20	2.24	957	4.0	2.92	26.7	643	<20	<50	0.09	<1
D63356 (364702)		<1	0.51	20	16	0.31	208	1.8	2.93	6.9	290	<20	<50	0.13	<1
D63357 (364703)		<1	1.06	21	25	2.47	913	1.7	3.15	38.4	605	<20	<50	0.20	<1
D63358 (364704)		<1	1.09	19	26	2.36	845	1.4	3.25	36.6	603	<20	<50	0.22	<1
D63359 (364705)		<1	0.69	9	25	3.47	1250	0.7	3.07	73.3	651	<20	<50	0.05	<1
D63360 (364706)		<1	0.96	15	27	3.97	1350	<0.5	3.65	93.7	969	<20	<50	0.07	<1
D63361 (364707)		<1	1.18	25	25	3.95	1360	0.8	3.57	103	1650	<20	<50	0.10	<1
D63362 (364708)		<1	1.17	101	10	7.46	1580	<0.5	0.84	301	1660	<20	<50	0.19	<1
D63363 (364709)		<1	1.34	94	13	7.71	1610	4.1	1.07	319	1850	<20	<50	0.21	<1
D63364 (364710)		<1	0.63	14	38	3.14	1350	1.3	4.48	63.1	787	<20	<50	0.05	<1
D63365 (364711)		<1	1.22	12	35	3.54	1470	0.7	3.37	83.8	716	<20	<50	0.18	<1
D63366 (364712)		<1	0.21	5	12	4.32	1370	<0.5	2.35	81.9	367	<20	<50	0.15	<1
D63367 (364713)		<1	0.89	14	22	2.92	1370	<0.5	3.55	48.8	893	<20	<50	0.13	<1
D63368 (364714)		<1	0.93	23	16	0.92	1020	0.8	3.33	0.6	1440	<20	<50	0.09	<1
D63369 (364715)		<1	0.93	24	20	0.90	1100	0.9	3.14	<0.5	1450	<20	<50	0.05	<1
D63370 (364716)		<1	0.48	14	16	1.65	1140	4.8	2.57	35.7	748	<20	<50	0.35	<1
D63371 (364717)		<1	0.60	19	23	4.00	1120	<0.5	2.52	132	924	<20	<50	0.02	<1
D63372 (364718)		4	0.03	<2	1	3.28	45	<0.5	0.04	<0.5	91	<20	<50	0.01	<1
D63373 (364719)		<1	0.71	15	21	3.18	992	0.9	2.02	120	585	<20	<50	0.06	<1
D63374 (364720)		<1	0.68	16	17	2.39	1100	<0.5	2.40	26.7	679	<20	<50	0.05	<1

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 18, 2019

DATE RECEIVED: Jul 19, 2019

DATE REPORTED: Aug 01, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D63375 (364721)		<1	0.64	12	14	2.88	1090	0.7	2.39	42.4	591	<20	<50	0.01	<1
D63376 (364722)		<1	0.61	10	19	3.33	970	<0.5	2.52	54.7	566	<20	<50	0.02	<1
D63377 (364723)		<1	0.64	12	27	3.40	779	0.7	2.73	40.7	549	<20	<50	0.02	<1
D63378 (364724)		<1	0.62	12	27	3.50	780	<0.5	2.83	42.7	533	<20	<50	0.02	<1
D63379 (364725)		<1	0.73	10	27	3.37	771	<0.5	2.72	46.7	527	<20	<50	0.02	<1
D63380 (364726)		<1	0.96	25	34	4.90	1080	<0.5	2.52	156	1200	<20	<50	0.06	<1
D63381 (364727)		<1	0.54	10	22	3.02	930	<0.5	2.73	48.0	487	<20	<50	<0.01	<1
D63382 (364728)		<1	0.35	10	19	3.09	952	<0.5	2.73	50.4	507	<20	<50	0.01	<1
D63383 (364729)		<1	0.36	11	18	2.92	950	<0.5	2.68	48.5	552	<20	<50	0.02	<1
D63384 (364730)		<1	0.39	12	18	2.49	1020	<0.5	2.51	35.2	565	<20	<50	0.02	<1
D63385 (364731)		<1	0.46	14	16	2.22	965	<0.5	2.54	24.2	625	<20	<50	0.06	<1
D63386 (364732)		<1	0.21	5	11	4.38	1400	<0.5	2.31	87.6	380	<20	<50	0.15	<1
D63387 (364733)		<1	0.74	12	20	2.33	964	<0.5	2.65	22.9	660	<20	<50	0.03	<1
D63388 (364734)		<1	2.28	7	14	1.79	857	<0.5	4.60	21.3	321	<20	<50	0.01	<1
D63389 (364735)		<1	0.73	14	17	2.37	1010	0.5	2.96	31.3	721	<20	<50	0.08	<1
D63390 (364736)		<1	1.08	14	20	2.40	1010	0.7	3.14	24.8	654	<20	<50	0.04	<1
D63391 (364737)		<1	1.78	49	15	4.12	1120	4.0	2.78	105	2080	<20	<50	0.13	<1
D63392 (364738)		4	<0.01	<2	1	3.40	81	<0.5	0.04	<0.5	94	<20	<50	0.02	1
D63393 (364739)		<1	1.41	48	38	3.11	1200	1.6	2.77	84.0	1820	<20	<50	0.07	<1
D63394 (364740)		<1	1.21	8	17	0.49	405	1.3	3.32	7.9	158	<20	<50	0.98	<1
D63395 (364741)		<1	1.48	25	25	0.80	1290	2.5	2.75	8.2	749	<20	<50	0.32	<1
D63396 (364742)		<1	1.30	19	20	0.77	1410	0.9	2.38	3.7	1100	<20	<50	0.24	<1
D63397 (364743)		<1	1.52	23	21	1.07	991	1.6	2.28	8.9	902	<20	<50	0.09	<1
D63398 (364744)		<1	1.52	21	21	1.06	1040	1.1	2.29	7.8	878	<20	<50	0.09	<1
D63399 (364745)		<1	1.36	20	14	1.26	1700	3.1	2.51	15.2	1100	<20	<50	0.26	<1
D63400 (364746)		<1	2.09	52	12	10.3	1450	0.7	0.85	484	1940	<20	<50	0.17	<1
D63401 (364747)		<1	0.81	19	19	0.68	1680	1.8	2.68	9.5	1230	<20	<50	0.16	<1
D63402 (364748)		<1	1.69	21	19	0.73	2350	0.8	2.66	6.6	707	<20	<50	0.13	<1
D63403 (364749)		<1	2.06	21	12	0.41	2660	0.7	2.74	<0.5	662	<20	<50	0.09	<1
D63404 (364750)		<1	1.02	26	10	1.25	1840	0.7	2.38	22.4	1380	<20	<50	0.11	<1
D63405 (364751)		<1	1.54	53	9	8.64	1590	0.7	1.10	385	1880	<20	<50	0.22	<1
D63406 (364752)		<1	0.46	10	11	4.49	1380	<0.5	2.43	105	815	<20	<50	0.09	<1

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## Certificate of Analysis

AGAT WORK ORDER: 19T495141

PROJECT: AGAT00696

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 18, 2019	DATE RECEIVED: Jul 19, 2019					DATE REPORTED: Aug 01, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D63407 (364753)	<1	1.80	48	20	10.2	1400	<0.5	1.68	436	1220	<20	<50	0.16	<1	
D63408 (364754)	<1	0.99	27	15	3.26	1140	<0.5	4.04	120	920	<20	<50	0.12	<1	
D63409 (364755)	<1	0.98	25	15	1.17	1580	1.5	2.70	34.3	1270	<20	<50	0.20	<1	
D63410 (364756)	<1	1.67	43	26	7.99	1280	1.1	1.77	375	1550	<20	<50	0.22	<1	
D63411 (364757)	<1	0.92	23	19	0.74	900	3.4	2.85	12.1	505	<20	<50	0.16	<1	
D63412 (364758)	3	0.02	<2	<1	1.87	41	<0.5	0.05	<0.5	79	<20	<50	<0.01	2	
D63413 (364759)	<1	0.50	8	18	4.08	1240	<0.5	2.70	87.3	246	<20	<50	0.10	<1	
D63414 (364760)	<1	1.12	23	11	0.69	1140	3.8	2.33	10.0	466	<20	<50	0.19	<1	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 18, 2019

DATE RECEIVED: Jul 19, 2019

DATE REPORTED: Aug 01, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D63343 (364689)	13	<10	<5	205	<10	<10	<5	0.39	<5	<50	28.3	<1	28	126
D63344 (364690)	11	<10	<5	153	<10	<10	<5	0.32	<5	<50	20.7	<1	26	101
D63345 (364691)	14	<10	<5	202	<10	<10	<5	0.52	<5	<50	32.4	<1	31	109
D63346 (364692)	44	<10	<5	115	<10	11	<5	0.67	<5	<50	294	<1	22	75.6
D63347 (364693)	21	<10	<5	535	<10	<10	<5	1.33	<5	<50	226	<1	22	89.4
D63348 (364694)	21	<10	<5	219	<10	<10	<5	0.52	<5	<50	136	<1	21	140
D63349 (364695)	27	<10	<5	237	<10	<10	<5	0.62	<5	<50	178	<1	21	94.8
D63350 (364696)	25	<10	<5	403	<10	<10	<5	0.94	<5	<50	199	<1	22	93.5
D63351 (364697)	24	<10	<5	204	<10	<10	<5	0.59	<5	<50	191	<1	21	94.7
D63352 (364698)	<1	<10	<5	66	<10	<10	<5	<0.01	<5	<50	1.0	1	2	3.9
D63353 (364699)	17	<10	<5	272	<10	<10	<5	0.69	<5	<50	135	<1	23	75.1
D63354 (364700)	17	<10	<5	121	<10	<10	<5	0.39	<5	<50	110	<1	21	69.8
D63355 (364701)	23	<10	<5	132	<10	<10	<5	0.53	<5	<50	176	<1	19	90.3
D63356 (364702)	2	<10	<5	167	<10	<10	<5	0.05	<5	<50	13.3	<1	5	15.6
D63357 (364703)	21	<10	<5	191	<10	<10	<5	0.52	<5	<50	143	<1	17	133
D63358 (364704)	20	<10	<5	191	<10	<10	<5	0.50	<5	<50	141	<1	16	132
D63359 (364705)	28	<10	<5	231	<10	<10	<5	0.61	<5	<50	177	<1	21	108
D63360 (364706)	26	<10	<5	586	<10	<10	<5	0.74	<5	<50	174	<1	24	99.1
D63361 (364707)	25	<10	<5	731	<10	<10	<5	0.86	<5	<50	200	<1	26	117
D63362 (364708)	27	<10	<5	1360	<10	<10	<5	1.79	<5	<50	305	<1	38	118
D63363 (364709)	22	<10	<5	1380	<10	14	<5	1.46	<5	<50	315	<1	43	131
D63364 (364710)	26	<10	<5	436	<10	<10	<5	0.49	<5	<50	168	<1	27	126
D63365 (364711)	28	<10	<5	267	<10	<10	<5	0.58	<5	<50	165	<1	24	151
D63366 (364712)	44	<10	<5	113	<10	<10	<5	0.65	<5	<50	291	<1	22	75.1
D63367 (364713)	28	<10	<5	239	<10	<10	<5	0.61	<5	<50	168	<1	26	136
D63368 (364714)	15	<10	<5	175	<10	<10	<5	0.48	<5	<50	23.3	<1	34	74.4
D63369 (364715)	15	<10	<5	164	<10	<10	<5	0.47	<5	<50	15.9	<1	36	87.2
D63370 (364716)	19	<10	<5	235	<10	<10	<5	0.48	<5	<50	107	<1	23	124
D63371 (364717)	22	<10	<5	215	<10	<10	<5	0.55	<5	<50	148	<1	17	103
D63372 (364718)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.4	2	2	4.6
D63373 (364719)	19	<10	<5	149	<10	<10	<5	0.33	<5	<50	104	<1	21	80.4
D63374 (364720)	24	<10	<5	231	<10	<10	<5	0.63	<5	<50	174	<1	22	83.6

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## Certificate of Analysis

AGAT WORK ORDER: 19T495141

PROJECT: AGAT00696

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 18, 2019

DATE RECEIVED: Jul 19, 2019

DATE REPORTED: Aug 01, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D63375 (364721)	25	<10	<5	259	<10	<10	<5	0.55	<5	<50	173	<1	19	87.4
D63376 (364722)	27	<10	<5	231	<10	<10	<5	0.53	<5	<50	175	<1	18	76.3
D63377 (364723)	24	<10	<5	185	<10	<10	<5	0.48	<5	<50	171	<1	18	67.6
D63378 (364724)	25	<10	<5	192	<10	<10	<5	0.50	<5	<50	177	<1	19	70.1
D63379 (364725)	25	<10	<5	186	<10	<10	<5	0.50	<5	<50	172	<1	17	66.7
D63380 (364726)	26	<10	<5	391	<10	<10	<5	1.03	<5	<50	209	<1	21	83.0
D63381 (364727)	26	<10	<5	220	<10	<10	<5	0.49	<5	<50	174	<1	17	75.7
D63382 (364728)	27	<10	<5	226	<10	<10	<5	0.49	<5	<50	181	<1	17	75.6
D63383 (364729)	25	<10	<5	216	<10	<10	<5	0.48	<5	<50	171	<1	16	75.3
D63384 (364730)	25	<10	<5	169	<10	<10	<5	0.55	<5	<50	186	<1	19	80.1
D63385 (364731)	24	<10	<5	148	<10	<10	<5	0.61	<5	<50	191	<1	20	80.0
D63386 (364732)	45	<10	<5	114	<10	<10	<5	0.68	<5	<50	302	<1	22	82.9
D63387 (364733)	24	<10	<5	167	<10	<10	<5	0.60	<5	<50	184	<1	20	87.5
D63388 (364734)	19	<10	<5	254	<10	<10	<5	0.34	<5	<50	109	<1	13	40.7
D63389 (364735)	25	<10	<5	218	<10	<10	<5	0.61	<5	<50	202	<1	21	91.0
D63390 (364736)	24	<10	<5	170	<10	<10	<5	0.61	<5	<50	195	<1	22	106
D63391 (364737)	18	<10	<5	650	<10	<10	<5	1.21	<5	<50	183	<1	25	97.6
D63392 (364738)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.3	1	2	4.8
D63393 (364739)	31	<10	<5	513	<10	<10	<5	0.72	<5	<50	160	<1	22	97.3
D63394 (364740)	8	<10	<5	163	<10	<10	<5	0.21	<5	<50	24.9	<1	8	67.0
D63395 (364741)	14	<10	<5	142	<10	<10	<5	0.37	<5	<50	33.7	<1	29	108
D63396 (364742)	15	<10	<5	135	<10	<10	<5	0.42	<5	<50	22.5	<1	36	120
D63397 (364743)	15	<10	<5	158	<10	<10	<5	0.41	<5	<50	35.9	<1	29	113
D63398 (364744)	14	<10	<5	160	<10	<10	<5	0.42	<5	<50	32.1	<1	29	117
D63399 (364745)	18	<10	<5	185	<10	<10	<5	0.49	<5	<50	61.2	<1	35	121
D63400 (364746)	21	<10	<5	793	<10	<10	<5	2.07	<5	<50	257	<1	23	90.0
D63401 (364747)	14	<10	<5	191	<10	<10	<5	0.40	<5	<50	23.7	<1	36	99.3
D63402 (364748)	13	<10	<5	158	<10	<10	<5	0.28	<5	<50	19.6	<1	45	93.5
D63403 (364749)	14	<10	<5	155	<10	<10	<5	0.13	<5	<50	9.5	<1	63	56.2
D63404 (364750)	16	<10	<5	239	<10	<10	<5	0.54	<5	<50	42.9	<1	36	123
D63405 (364751)	22	<10	<5	671	<10	<10	<5	1.59	<5	<50	261	<1	26	88.8
D63406 (364752)	33	<10	<5	255	<10	<10	<5	0.88	<5	<50	230	<1	21	90.8

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T495141

PROJECT: AGAT00696

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 18, 2019

DATE RECEIVED: Jul 19, 2019

DATE REPORTED: Aug 01, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D63407 (364753)	24	<10	<5	636	<10	10	<5	1.29	<5	<50	176	<1	21	91.1
D63408 (364754)	13	<10	<5	371	<10	<10	<5	0.85	<5	<50	128	<1	32	58.2
D63409 (364755)	14	<10	<5	268	<10	<10	<5	0.47	<5	<50	45.9	<1	34	98.1
D63410 (364756)	18	<10	<5	656	<10	<10	<5	1.56	<5	<50	219	<1	25	82.4
D63411 (364757)	11	<10	<5	223	<10	<10	<5	0.28	<5	<50	36.9	<1	22	54.2
D63412 (364758)	<1	<10	<5	76	<10	<10	<5	<0.01	<5	<50	1.2	2	3	2.5
D63413 (364759)	41	<10	<5	145	<10	<10	<5	0.39	<5	<50	226	<1	20	69.3
D63414 (364760)	13	<10	<5	185	<10	<10	<5	0.30	<5	<50	31.3	<1	25	77.8

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ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 18, 2019

DATE RECEIVED: Jul 19, 2019

DATE REPORTED: Aug 01, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D63343 (364689)			107
D63344 (364690)			124
D63345 (364691)			186
D63346 (364692)			54
D63347 (364693)			153
D63348 (364694)			131
D63349 (364695)			60
D63350 (364696)			103
D63351 (364697)			106
D63352 (364698)			<5
D63353 (364699)			170
D63354 (364700)			141
D63355 (364701)			103
D63356 (364702)			34
D63357 (364703)			95
D63358 (364704)			92
D63359 (364705)			50
D63360 (364706)			64
D63361 (364707)			122
D63362 (364708)			89
D63363 (364709)			56
D63364 (364710)			71
D63365 (364711)			55
D63366 (364712)			53
D63367 (364713)			109
D63368 (364714)			140
D63369 (364715)			141
D63370 (364716)			107
D63371 (364717)			82
D63372 (364718)			<5
D63373 (364719)			112
D63374 (364720)			94

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PROJECT: AGAT00696

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 18, 2019      DATE RECEIVED: Jul 19, 2019      DATE REPORTED: Aug 01, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D63375 (364721)			76
D63376 (364722)			52
D63377 (364723)			89
D63378 (364724)			99
D63379 (364725)			61
D63380 (364726)			144
D63381 (364727)			65
D63382 (364728)			70
D63383 (364729)			53
D63384 (364730)			73
D63385 (364731)			79
D63386 (364732)			57
D63387 (364733)			79
D63388 (364734)			54
D63389 (364735)			115
D63390 (364736)			121
D63391 (364737)			224
D63392 (364738)			<5
D63393 (364739)			107
D63394 (364740)			72
D63395 (364741)			177
D63396 (364742)			100
D63397 (364743)			89
D63398 (364744)			90
D63399 (364745)			90
D63400 (364746)			129
D63401 (364747)			87
D63402 (364748)			82
D63403 (364749)			53
D63404 (364750)			79
D63405 (364751)			191
D63406 (364752)			88

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T495141

PROJECT: AGAT00696

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 18, 2019

DATE RECEIVED: Jul 19, 2019

DATE REPORTED: Aug 01, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D63407 (364753)	92
D63408 (364754)	259
D63409 (364755)	58
D63410 (364756)	177
D63411 (364757)	65
D63412 (364758)	<5
D63413 (364759)	80
D63414 (364760)	78

Comments: RDL - Reported Detection Limit

364689-364760 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T495141

PROJECT: AGAT00696

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 18, 2019

DATE RECEIVED: Jul 19, 2019

DATE REPORTED: Aug 01, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D63343 (364689)			0.020
D63344 (364690)			0.006
D63345 (364691)			0.003
D63346 (364692)			0.541
D63347 (364693)			0.003
D63348 (364694)			0.003
D63349 (364695)			0.001
D63350 (364696)			0.002
D63351 (364697)			0.001
D63352 (364698)			<0.001
D63353 (364699)			0.001
D63354 (364700)			<0.001
D63355 (364701)			0.001
D63356 (364702)			<0.001
D63357 (364703)			0.001
D63358 (364704)			0.002
D63359 (364705)			0.003
D63360 (364706)			0.001
D63361 (364707)			<0.001
D63362 (364708)			<0.001
D63363 (364709)			0.005
D63364 (364710)			0.002
D63365 (364711)			0.003
D63366 (364712)			0.512
D63367 (364713)			0.006
D63368 (364714)			0.002
D63369 (364715)			<0.001
D63370 (364716)			0.002
D63371 (364717)			0.003
D63372 (364718)			<0.001
D63373 (364719)			0.002
D63374 (364720)			0.001

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T495141

PROJECT: AGAT00696

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 18, 2019

DATE RECEIVED: Jul 19, 2019

DATE REPORTED: Aug 01, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D63375 (364721)			0.002
D63376 (364722)			0.001
D63377 (364723)			<0.001
D63378 (364724)			0.001
D63379 (364725)			0.003
D63380 (364726)			0.002
D63381 (364727)			0.002
D63382 (364728)			0.012
D63383 (364729)			0.011
D63384 (364730)			0.001
D63385 (364731)			<0.001
D63386 (364732)			0.530
D63387 (364733)			<0.001
D63388 (364734)			<0.001
D63389 (364735)			0.002
D63390 (364736)			<0.001
D63391 (364737)			<0.001
D63392 (364738)			<0.001
D63393 (364739)			<0.001
D63394 (364740)			0.007
D63395 (364741)			0.002
D63396 (364742)			<0.001
D63397 (364743)			<0.001
D63398 (364744)			<0.001
D63399 (364745)			<0.001
D63400 (364746)			0.001
D63401 (364747)			<0.001
D63402 (364748)			0.004
D63403 (364749)			0.001
D63404 (364750)			<0.001
D63405 (364751)			<0.001
D63406 (364752)			0.340

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T495141

PROJECT: AGAT00696

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 18, 2019

DATE RECEIVED: Jul 19, 2019

DATE REPORTED: Aug 01, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D63407 (364753)			0.002
D63408 (364754)			<0.001
D63409 (364755)			<0.001
D63410 (364756)			0.001
D63411 (364757)			0.001
D63412 (364758)			<0.001
D63413 (364759)			0.004
D63414 (364760)			0.010

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T495141

PROJECT: AGAT00696

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 18, 2019

DATE RECEIVED: Jul 19, 2019

DATE REPORTED: Aug 01, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D63343 (364689)		85.60
D63362 (364708)		87.70
D63382 (364728)		84.58
D63402 (364748)		86.59

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T495141

PROJECT: AGAT00696

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 18, 2019

DATE RECEIVED: Jul 19, 2019

DATE REPORTED: Aug 01, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL: 0.01
D63343 (364689)	90.79

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	364689	1.0	1.0	0.0%	364703	< 0.5	< 0.5	0.0%	364714	0.7	0.6	15.4%	364728	< 0.5	< 0.5	0.0%
Al	364689	7.14	7.76	8.3%	364703	8.59	8.39	2.4%	364714	8.52	8.64	1.4%	364728	8.92	8.96	0.4%
As	364689	< 1	< 1	0.0%	364703	< 1	< 1	0.0%	364714	< 1	< 1	0.0%	364728	< 1	< 1	0.0%
Ba	364689	132	134	1.5%	364703	185	177	4.4%	364714	171	176	2.9%	364728	110	110	0.0%
Be	364689	0.9	1.0	10.5%	364703	1.2	1.2	0.0%	364714	0.5	0.5	0.0%	364728	< 0.5	< 0.5	0.0%
Bi	364689	< 1	< 1	0.0%	364703	< 1	< 1	0.0%	364714	< 1	< 1	0.0%	364728	< 1	< 1	0.0%
Ca	364689	3.09	3.23	4.4%	364703	4.75	4.53	4.7%	364714	2.86	2.90	1.4%	364728	5.96	5.89	1.2%
Cd	364689	< 0.5	< 0.5	0.0%	364703	< 0.5	< 0.5	0.0%	364714	< 0.5	< 0.5	0.0%	364728	< 0.5	< 0.5	0.0%
Ce	364689	40	40	0.0%	364703	39	39	0.0%	364714	52	49	5.9%	364728	17	16	6.1%
Co	364689	16.8	14.2	16.8%	364703	22.5	23.4	3.9%	364714	6.39	6.95	8.4%	364728	27.0	25.9	4.2%
Cr	364689	20.5	16.8	19.8%	364703	40.7	45.7	11.6%	364714	5.7	4.7	19.2%	364728	38.3	44.1	14.1%
Cu	364689	141	113	22.0%	364703	117	117	0.0%	364714	20.9	20.9	0.0%	364728	56.7	56.3	0.7%
Fe	364689	8.53	7.17	17.3%	364703	6.04	5.94	1.7%	364714	4.69	4.79	2.1%	364728	6.01	6.04	0.5%
Ga	364689	19	19	0.0%	364703	23	23	0.0%	364714	22	22	0.0%	364728	22	21	4.7%
In	364689	< 1	< 1	0.0%	364703	< 1	< 1	0.0%	364714	< 1	< 1	0.0%	364728	< 1	< 1	0.0%
K	364689	0.59	0.60	1.7%	364703	1.06	1.03	2.9%	364714	0.932	0.959	2.9%	364728	0.35	0.35	0.0%
La	364689	20	19	5.1%	364703	21	21	0.0%	364714	23	22	4.4%	364728	10	10	0.0%
Li	364689	17	18	5.7%	364703	25	24	4.1%	364714	16	16	0.0%	364728	19	19	0.0%
Mg	364689	1.11	1.14	2.7%	364703	2.47	2.45	0.8%	364714	0.92	0.94	2.2%	364728	3.09	3.11	0.6%
Mn	364689	1460	1400	4.2%	364703	913	890	2.6%	364714	1020	1080	5.7%	364728	952	957	0.5%
Mo	364689	0.8	0.6	28.6%	364703	1.7	2.0	16.2%	364714	0.8	< 0.5		364728	< 0.5	< 0.5	0.0%
Na	364689	3.05	3.25	6.3%	364703	3.15	3.00	4.9%	364714	3.33	3.27	1.8%	364728	2.73	2.68	1.8%
Ni	364689	16.0	13.5	16.9%	364703	38.4	36.8	4.3%	364714	0.6	< 0.5		364728	50.4	49.0	2.8%
P	364689	1110	1050	5.6%	364703	605	617	2.0%	364714	1440	1450	0.7%	364728	507	513	1.2%
Pb	364689	< 20	< 20	0.0%	364703	< 20	< 20	0.0%	364714	< 20	< 20	0.0%	364728	< 20	< 20	0.0%
Rb	364689	< 50	< 50	0.0%	364703	< 50	< 50	0.0%	364714	< 50	< 50	0.0%	364728	< 50	< 50	0.0%
S	364689	2.45	1.83	29.0%	364703	0.198	0.190	4.1%	364714	0.09	0.09	0.0%	364728	0.01	0.02	
Sb	364689	< 1	< 1	0.0%	364703	< 1	< 1	0.0%	364714	< 1	< 1	0.0%	364728	< 1	< 1	0.0%
Sc	364689	13	14	7.4%	364703	21	21	0.0%	364714	15	15	0.0%	364728	27	26	3.8%
Se	364689	< 10	< 10	0.0%	364703	< 10	< 10	0.0%	364714	< 10	< 10	0.0%	364728	< 10	< 10	0.0%
Sn	364689	< 5	< 5	0.0%	364703	< 5	< 5	0.0%	364714	< 5	< 5	0.0%	364728	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

Sr	364689	205	217	5.7%	364703	191	181	5.4%	364714	175	176	0.6%	364728	226	221	2.2%
Ta	364689	< 10	< 10	0.0%	364703	< 10	< 10	0.0%	364714	< 10	< 10	0.0%	364728	< 10	< 10	0.0%
Te	364689	< 10	< 10	0.0%	364703	< 10	< 10	0.0%	364714	< 10	< 10	0.0%	364728	< 10	< 10	0.0%
Th	364689	< 5	< 5	0.0%	364703	< 5	< 5	0.0%	364714	< 5	< 5	0.0%	364728	< 5	< 5	0.0%
Ti	364689	0.391	0.399	2.0%	364703	0.522	0.495	5.3%	364714	0.477	0.475	0.4%	364728	0.488	0.483	1.0%
Tl	364689	< 5	< 5	0.0%	364703	< 5	< 5	0.0%	364714	< 5	< 5	0.0%	364728	< 5	< 5	0.0%
U	364689	< 50	< 50	0.0%	364703	< 50	< 50	0.0%	364714	< 50	< 50	0.0%	364728	< 50	< 50	0.0%
V	364689	28.3	27.4	3.2%	364703	143	143	0.0%	364714	23.3	24.9	6.6%	364728	181	174	3.9%
W	364689	< 1	< 1	0.0%	364703	< 1	< 1	0.0%	364714	< 1	< 1	0.0%	364728	< 1	< 1	0.0%
Y	364689	28	30	6.9%	364703	17	17	0.0%	364714	34	36	5.7%	364728	17	17	0.0%
Zn	364689	126	136	7.6%	364703	133	133	0.0%	364714	74.4	77.0	3.4%	364728	75.6	81.8	7.9%
Zr	364689	107	123	13.9%	364703	95	95	0.0%	364714	140	137	2.2%	364728	70	63	10.5%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	364739	< 0.5	0.7		364753	0.51	0.60	16.2%								
Al	364739	5.21	5.20	0.2%	364753	2.32	2.27	2.2%								
As	364739	11	9	20.0%	364753	< 1	< 1	0.0%								
Ba	364739	333	349	4.7%	364753	631	619	1.9%								
Be	364739	1.1	1.0	9.5%	364753	1.1	0.5									
Bi	364739	< 1	< 1	0.0%	364753	< 1	< 1	0.0%								
Ca	364739	6.46	6.40	0.9%	364753	7.79	7.62	2.2%								
Cd	364739	< 0.5	< 0.5	0.0%	364753	< 0.5	< 0.5	0.0%								
Ce	364739	90	85	5.7%	364753	92	92	0.0%								
Co	364739	20.6	19.8	4.0%	364753	64.5	63.7	1.2%								
Cr	364739	108	89.5	18.7%	364753	542	586	7.8%								
Cu	364739	45.1	44.6	1.1%	364753	111	114	2.7%								
Fe	364739	5.72	5.78	1.0%	364753	9.69	9.50	2.0%								
Ga	364739	20	19	5.1%	364753	17	21	21.1%								
In	364739	< 1	< 1	0.0%	364753	< 1	< 1	0.0%								
K	364739	1.41	1.45	2.8%	364753	1.80	1.77	1.7%								
La	364739	48	46	4.3%	364753	48	49	2.1%								
Li	364739	38	41	7.6%	364753	20	20	0.0%								
Mg	364739	3.11	3.15	1.3%	364753	10.2	9.91	2.9%								
Mn	364739	1200	1160	3.4%	364753	1400	1360	2.9%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

Mo	364739	1.62	1.42	13.2%	364753	< 0.5	< 0.5	0.0%								
Na	364739	2.77	2.78	0.4%	364753	1.68	1.66	1.2%								
Ni	364739	84.0	84.8	0.9%	364753	436	449	2.9%								
P	364739	1820	1790	1.7%	364753	1220	1360	10.9%								
Pb	364739	< 20	< 20	0.0%	364753	< 20	< 20	0.0%								
Rb	364739	< 50	< 50	0.0%	364753	< 50	< 50	0.0%								
S	364739	0.07	0.07	0.0%	364753	0.16	0.16	0.0%								
Sb	364739	< 1	< 1	0.0%	364753	< 1	< 1	0.0%								
Sc	364739	31	32	3.2%	364753	24	24	0.0%								
Se	364739	< 10	< 10	0.0%	364753	< 10	< 10	0.0%								
Sn	364739	< 5	< 5	0.0%	364753	< 5	< 5	0.0%								
Sr	364739	513	510	0.6%	364753	636	622	2.2%								
Ta	364739	< 10	< 10	0.0%	364753	< 10	< 10	0.0%								
Te	364739	< 10	< 10	0.0%	364753	10	< 10									
Th	364739	< 5	< 5	0.0%	364753	< 5	< 5	0.0%								
Ti	364739	0.725	0.849	15.8%	364753	1.29	1.71	28.0%								
Tl	364739	< 5	< 5	0.0%	364753	< 5	< 5	0.0%								
U	364739	< 50	< 50	0.0%	364753	< 50	< 50	0.0%								
V	364739	160	172	7.2%	364753	176	236	29.1%								
W	364739	< 1	< 1	0.0%	364753	< 1	< 1	0.0%								
Y	364739	22	22	0.0%	364753	21	22	4.7%								
Zn	364739	97.3	87.6	10.5%	364753	91.1	87.8	3.7%								
Zr	364739	107	124	14.7%	364753	92	110	17.8%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	364689	0.020	0.014	35.3%	364703	0.0014	0.0016	13.3%	364714	0.002	< 0.001		364728	0.012	0.008	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	364739	< 0.001	0.001		364753	0.002	< 0.001									

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS5W)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	3.09	102%	90% - 110%
Al	10.95	11.33	103%	90% - 110%	8.17	8.39	103%	90% - 110%	6.96	7.16	103%	90% - 110%	4.75	5.02	106%	90% - 110%
As					26	24	92%	90% - 110%	124	116	94%	90% - 110%				
Ba	340	338	100%	90% - 110%	540	514	95%	90% - 110%	186	183	99%	90% - 110%	216	219	101%	90% - 110%
Be	2.6	2.4	94%	90% - 110%	4.0	2.9	72%	90% - 110%								
Ca	5.72	5.72	100%	90% - 110%	0.907	0.902	99%	90% - 110%	4.01	4.14	103%	90% - 110%	10	10	102%	90% - 110%
Ce	122	110	90%	90% - 110%	98	95	97%	90% - 110%	24	21.7	90%	90% - 110%				
Co									22.1	20.3	92%	90% - 110%	191	177	93%	90% - 110%
Cr					60.3	60.3	100%	90% - 110%					670	621	92%	90% - 110%
Cu					150	160	107%	90% - 110%	88.6	91	103%	90% - 110%	7120	7151	100%	90% - 110%
Fe	4.34	4.1	94%	90% - 110%	3.77	3.61	96%	90% - 110%	7.56	7.6	101%	90% - 110%	12.71	12.61	99%	90% - 110%
Ga	35	34	96%	90% - 110%												
K	1.37	1.49	109%	90% - 110%					2.021	1.964	97%	90% - 110%	0.1021	0.11	108%	90% - 110%
La	58	52	90%	90% - 110%	44	42	96%	90% - 110%					8.47	9.06	106%	90% - 110%
Li	37	39	105%	90% - 110%	47	47	100%	90% - 110%								
Mg	0.325	0.301	93%	90% - 110%	1.10	1.07	97%	90% - 110%	2.412	2.483	103%	90% - 110%	7.41	7.63	103%	90% - 110%
Mn					780	744	95%	90% - 110%	1510	1473	98%	90% - 110%				
Mo					14	13	92%	90% - 110%								
Na	5.267	5.698	108%	90% - 110%	1.624	1.735	107%	90% - 110%	0.617	0.657	106%	90% - 110%	0.112	0.123	109%	90% - 110%
Ni					32	29	90%	90% - 110%	77.1	72.5	94%	90% - 110%	2480	2234	90%	90% - 110%
P					750	688	92%	90% - 110%	892	877	98%	90% - 110%	731	702	96%	90% - 110%
Pb					31	29	93%	90% - 110%								
S									0.348	0.324	93%	90% - 110%				
Sc	1.1	0.9	78%	90% - 110%	12	12	100%	90% - 110%					21.33	22	103%	90% - 110%
Sr	1191	1213	102%	90% - 110%	144	151	105%	90% - 110%	92.8	92.9	100%	90% - 110%	39	38	98%	90% - 110%
Ti	0.172	0.168	98%	90% - 110%	0.53	0.48	91%	90% - 110%					0.419	0.419	100%	90% - 110%
V	8	9	110%	90% - 110%	77	78	101%	90% - 110%					158	165	105%	90% - 110%
Y	119	116	98%	90% - 110%									12.67	13.48	106%	90% - 110%
Zn	93	89	95%	90% - 110%	130	121	93%	90% - 110%	208	215	103%	90% - 110%	112	116	103%	90% - 110%
Zr													35.7	36	101%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



**AGAT** Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 19T495141

PROJECT: AGAT00696

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill, Christine Shultis

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS5W)				CRM #4 (ref.1P5R)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.81	99%	90% - 110%	0.725	0.744	103%	90% - 110%	5.27	5.3	101%	90% - 110%	1.81	1.91	106%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19T495141

PROJECT: AGAT00696

ATTENTION TO: Craig Yuill, Christine Shultis

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00698

AGAT WORK ORDER: 19T495760

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Aug 09, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.





## Certificate of Analysis

AGAT WORK ORDER: 19T495760

PROJECT: AGAT00698

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 21, 2019

DATE RECEIVED: Jul 22, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D63415 (369808)		2.37
D63416 (369809)		1.85
D63417 (369810)		2.61
D63418 (369811)		2.61
D63419 (369812)		2.26
D63420 (369813)		2.30
D63421 (369814)		1.21
D63422 (369815)		0.76
D63423 (369816)		2.17
D63424 (369817)		2.28
D63425 (369818)		2.40
D63426 (369819)		0.07
D63427 (369820)		2.18
D63428 (369821)		2.29
D63429 (369822)		2.42
D63430 (369823)		2.15
D63431 (369824)		2.35
D63432 (369825)		0.62
D63433 (369826)		2.12
D63434 (369827)		2.14
D63435 (369828)		2.34
D63436 (369829)		1.86
D63437 (369830)		2.24
D63438 (369831)		2.24
D63439 (369832)		1.57
D63440 (369833)		1.63
D63441 (369834)		1.57
D63442 (369835)		2.21
D63443 (369836)		1.75
D63444 (369837)		2.16
D63445 (369838)		2.37

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T495760

PROJECT: AGAT00698

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 21, 2019

DATE RECEIVED: Jul 22, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D63446 (369839)		0.07
D63447 (369840)		2.46
D63448 (369841)		0.83
D63449 (369842)		2.13
D63450 (369843)		2.39
D63451 (369844)		2.16
D63452 (369845)		0.61
D63453 (369846)		2.33
D63454 (369847)		2.44
D63455 (369848)		2.57
D63456 (369849)		3.11
D63457 (369850)		2.87
D63458 (369851)		2.87
D63459 (369852)		2.42
D63460 (369853)		2.46
D63461 (369854)		3.15
D63462 (369855)		2.66
D63463 (369856)		2.48
D63464 (369857)		0.73
D63465 (369858)		1.76
D63466 (369859)		0.07
D63467 (369860)		1.77
D63468 (369861)		1.76
D63469 (369862)		0.79
D63470 (369863)		0.68
D63471 (369864)		1.50
D63472 (369865)		0.58
D63473 (369866)		2.16
D63474 (369867)		2.30
D63475 (369868)		2.50
D63476 (369869)		2.23

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T495760

PROJECT: AGAT00698

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 21, 2019

DATE RECEIVED: Jul 22, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D63477 (369870)		2.27
D63478 (369871)		2.27
D63479 (369872)		3.07
D63480 (369873)		3.15
D63481 (369874)		0.70
D63482 (369875)		2.32
D63483 (369876)		2.32
D63484 (369877)		2.33
D63485 (369878)		2.28
D63486 (369879)		0.07

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T495760

PROJECT: AGAT00698

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 21, 2019

DATE RECEIVED: Jul 22, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D63415 (369808)		<0.5	6.39	<1	377	2.0	<1	4.19	<0.5	49	3.1	83.2	6.4	2.71	14
D63416 (369809)		<0.5	7.29	<1	786	1.6	<1	3.38	<0.5	62	4.9	107	6.6	3.08	16
D63417 (369810)		<0.5	6.98	<1	276	1.9	<1	3.96	<0.5	54	8.6	138	6.9	3.47	18
D63418 (369811)		<0.5	7.00	<1	281	1.8	<1	3.95	<0.5	52	8.7	116	6.8	3.45	18
D63419 (369812)		<0.5	6.91	<1	406	1.4	<1	3.28	<0.5	51	3.0	87.0	15.5	2.92	18
D63420 (369813)		<0.5	6.70	<1	513	1.3	<1	3.26	<0.5	57	2.6	110	16.8	2.94	17
D63421 (369814)		<0.5	5.98	<1	301	1.0	<1	3.23	<0.5	44	2.5	114	28.4	2.67	15
D63422 (369815)		<0.5	6.23	<1	286	1.5	<1	3.56	<0.5	56	8.4	186	60.2	3.40	18
D63423 (369816)		1.0	3.53	<1	496	4.6	<1	7.16	<0.5	130	53.3	755	174	9.17	37
D63424 (369817)		<0.5	6.50	<1	316	1.8	<1	3.50	<0.5	57	11.4	97.6	58.8	3.45	18
D63425 (369818)		<0.5	6.68	<1	415	1.5	<1	3.58	<0.5	53	6.4	110	10.4	3.90	20
D63426 (369819)		<0.5	7.34	6	83	0.7	<1	7.00	<0.5	4	38.7	149	153	7.22	30
D63427 (369820)		<0.5	6.73	<1	685	1.2	<1	3.14	<0.5	49	3.7	87.5	10.1	3.41	18
D63428 (369821)		<0.5	7.12	<1	773	1.2	<1	3.16	<0.5	54	2.2	76.6	9.4	2.66	16
D63429 (369822)		<0.5	6.93	<1	505	1.0	<1	3.53	<0.5	48	1.9	98.5	10.8	2.56	16
D63430 (369823)		<0.5	7.81	<1	274	1.4	<1	4.86	<0.5	46	8.3	105	11.8	4.27	22
D63431 (369824)		<0.5	6.73	<1	256	1.2	<1	3.69	<0.5	54	3.1	75.9	18.8	2.92	16
D63432 (369825)		<0.5	0.21	<1	15	<0.5	<1	30.9	<0.5	<1	<0.5	3.0	<0.5	0.10	<5
D63433 (369826)		<0.5	6.72	<1	302	1.1	<1	3.54	<0.5	53	2.4	72.5	7.8	2.47	16
D63434 (369827)		<0.5	6.85	<1	445	1.2	<1	3.11	<0.5	53	1.7	72.4	8.2	2.56	16
D63435 (369828)		<0.5	6.54	<1	294	1.2	<1	2.86	<0.5	53	2.1	110	10.3	2.46	15
D63436 (369829)		<0.5	6.83	<1	246	1.2	<1	2.69	<0.5	52	5.1	113	16.5	2.85	16
D63437 (369830)		<0.5	7.98	<1	244	1.3	<1	3.24	<0.5	52	21.4	101	19.6	6.78	31
D63438 (369831)		<0.5	7.98	<1	240	1.2	<1	3.22	<0.5	48	21.1	89.2	17.6	6.75	30
D63439 (369832)		<0.5	7.47	<1	374	2.2	<1	2.56	<0.5	109	7.4	78.9	34.0	2.86	18
D63440 (369833)		<0.5	8.38	<1	153	1.5	<1	6.31	<0.5	23	33.2	144	<0.5	6.73	29
D63441 (369834)		<0.5	9.00	<1	274	1.4	<1	2.63	<0.5	17	11.5	52.5	176	2.32	20
D63442 (369835)		<0.5	7.40	<1	220	1.1	<1	2.32	<0.5	21	9.5	57.8	201	1.98	16
D63443 (369836)		<0.5	8.32	1	252	1.3	<1	2.56	<0.5	87	6.4	61.0	148	1.91	17
D63444 (369837)		<0.5	8.52	<1	246	1.6	<1	2.77	<0.5	56	14.2	95.0	59.8	3.24	20
D63445 (369838)		<0.5	8.09	<1	104	1.0	<1	5.29	<0.5	18	33.0	204	<0.5	6.59	28
D63446 (369839)		<0.5	7.27	<1	141	0.8	<1	6.55	<0.5	4	37.5	142	153	7.93	31

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T495760

PROJECT: AGAT00698

5623 McADAM ROAD  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 21, 2019

DATE RECEIVED: Jul 22, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D63447 (369840)		<0.5	7.09	<1	32	0.8	<1	5.06	<0.5	18	34.0	284	0.5	5.51	24
D63448 (369841)		<0.5	7.29	<1	270	2.0	<1	4.07	<0.5	22	26.0	128	<0.5	8.51	33
D63449 (369842)		<0.5	8.32	<1	186	1.1	<1	4.99	<0.5	25	23.9	51.5	4.1	6.16	27
D63450 (369843)		<0.5	8.61	<1	167	1.0	<1	5.16	<0.5	26	26.3	62.2	3.0	6.41	27
D63451 (369844)		<0.5	8.59	<1	215	1.1	<1	5.06	<0.5	27	25.8	47.4	3.6	6.28	29
D63452 (369845)		<0.5	0.08	<1	13	<0.5	<1	30.4	<0.5	<1	<0.5	5.5	<0.5	0.10	<5
D63453 (369846)		<0.5	8.34	<1	188	2.6	<1	5.14	<0.5	16	27.6	90.3	33.7	6.19	25
D63454 (369847)		<0.5	8.88	<1	76	0.8	<1	5.90	<0.5	13	38.0	145	36.0	7.14	29
D63455 (369848)		<0.5	7.70	<1	99	0.9	<1	5.45	<0.5	16	31.6	226	<0.5	5.93	24
D63456 (369849)		<0.5	7.38	<1	241	1.6	<1	3.82	<0.5	23	16.9	96.0	88.6	7.98	32
D63457 (369850)		<0.5	8.38	<1	232	1.7	<1	3.25	<0.5	50	7.4	74.2	40.3	4.83	24
D63458 (369851)		<0.5	8.31	<1	239	1.6	<1	3.23	<0.5	51	6.9	71.5	36.9	4.69	25
D63459 (369852)		<0.5	7.88	<1	81	3.6	<1	4.67	<0.5	18	28.0	89.8	7.5	7.99	34
D63460 (369853)		<0.5	7.75	<1	57	2.4	<1	4.38	<0.5	22	26.7	65.6	23.6	9.09	39
D63461 (369854)		<0.5	7.85	<1	54	1.8	<1	4.74	<0.5	21	26.6	71.5	5.8	7.84	34
D63462 (369855)		<0.5	8.19	<1	223	1.1	<1	2.62	<0.5	54	5.4	73.8	29.2	4.51	22
D63463 (369856)		<0.5	8.40	<1	255	1.2	<1	3.11	<0.5	52	7.0	57.8	17.6	5.11	25
D63464 (369857)		<0.5	8.27	<1	81	1.1	<1	5.56	<0.5	18	29.8	120	<0.5	7.57	32
D63465 (369858)		<0.5	7.91	<1	229	1.2	<1	2.95	<0.5	51	6.0	68.4	7.8	4.36	24
D63466 (369859)		<0.5	7.38	6	85	0.7	<1	7.16	<0.5	4	39.4	148	156	7.43	30
D63467 (369860)		<0.5	6.82	<1	302	1.5	<1	7.29	<0.5	34	42.6	113	82.9	9.44	38
D63468 (369861)		0.5	8.38	<1	312	1.3	<1	2.97	<0.5	51	5.8	64.6	5.2	4.37	23
D63469 (369862)		<0.5	8.11	<1	109	2.4	<1	5.69	<0.5	24	21.5	104	13.6	6.81	32
D63470 (369863)		<0.5	8.06	<1	209	2.6	<1	2.38	<0.5	33	8.7	148	56.0	3.25	21
D63471 (369864)		<0.5	8.41	<1	298	1.2	<1	3.35	<0.5	54	4.4	65.7	7.7	4.08	22
D63472 (369865)		<0.5	0.09	<1	13	<0.5	<1	30.1	<0.5	<1	<0.5	8.0	<0.5	0.11	<5
D63473 (369866)		<0.5	8.50	<1	148	1.6	<1	4.00	<0.5	61	4.2	65.6	20.8	4.14	23
D63474 (369867)		<0.5	8.39	<1	177	1.6	<1	3.93	<0.5	54	4.3	64.6	13.7	3.93	24
D63475 (369868)		<0.5	8.12	<1	242	1.3	<1	2.75	<0.5	51	6.6	80.1	22.5	4.42	23
D63476 (369869)		<0.5	8.50	<1	262	1.3	<1	2.92	<0.5	52	6.0	64.7	20.1	4.64	22
D63477 (369870)		<0.5	8.21	<1	201	1.2	<1	3.47	<0.5	50	8.0	75.4	28.3	4.34	23
D63478 (369871)		<0.5	8.08	<1	191	1.2	<1	3.48	<0.5	48	7.8	77.9	27.9	4.39	21

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T495760

PROJECT: AGAT00698

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 21, 2019

DATE RECEIVED: Jul 22, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D63479 (369872)		<0.5	8.51	<1	181	2.5	<1	5.07	<0.5	26	27.0	115	<0.5	7.22	30
D63480 (369873)		<0.5	8.29	<1	281	1.6	<1	3.42	<0.5	49	8.7	131	20.9	5.42	25
D63481 (369874)		<0.5	8.23	<1	211	1.2	<1	4.81	<0.5	16	29.5	171	<0.5	7.22	30
D63482 (369875)		<0.5	8.52	<1	280	1.3	<1	2.65	<0.5	53	5.5	109	14.6	4.65	24
D63483 (369876)		<0.5	8.15	<1	227	1.4	<1	4.06	<0.5	55	10.5	120	6.2	5.39	26
D63484 (369877)		<0.5	8.82	<1	424	1.3	<1	3.87	<0.5	53	5.5	104	15.2	4.79	25
D63485 (369878)		<0.5	8.54	<1	175	1.5	<1	4.50	<0.5	54	6.4	89.5	49.9	4.76	25
D63486 (369879)		<0.5	7.49	5	85	0.7	<1	7.14	<0.5	4	37.9	199	154	7.41	28

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T495760

PROJECT: AGAT00698

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 21, 2019

DATE RECEIVED: Jul 22, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D63415 (369808)		<1	1.52	24	9	0.67	627	13.1	1.86	11.9	273	<20	<50	0.07	2
D63416 (369809)		<1	2.59	29	9	0.91	603	16.3	1.45	16.1	393	<20	<50	0.05	<1
D63417 (369810)		<1	1.29	26	15	1.26	558	12.0	1.34	35.9	685	<20	<50	0.05	<1
D63418 (369811)		<1	1.30	26	15	1.26	549	11.4	1.34	35.5	688	<20	<50	0.05	2
D63419 (369812)		<1	1.81	24	12	0.44	717	13.7	1.10	3.1	322	<20	<50	0.09	1
D63420 (369813)		<1	2.23	27	9	0.43	564	15.9	0.97	3.2	298	<20	<50	0.08	<1
D63421 (369814)		<1	1.35	22	6	0.35	499	18.6	1.03	3.7	313	<20	<50	0.11	1
D63422 (369815)		<1	1.29	27	6	1.06	702	10.4	1.42	38.7	499	<20	<50	0.21	2
D63423 (369816)		<1	1.55	61	20	9.01	1400	3.7	1.18	441	1970	<20	<50	0.24	<1
D63424 (369817)		<1	1.53	28	9	1.28	634	8.4	2.37	50.0	456	<20	<50	0.19	1
D63425 (369818)		<1	2.01	25	10	1.02	664	10.2	1.52	28.7	627	<20	<50	0.08	2
D63426 (369819)		<1	0.24	3	14	4.41	1260	2.3	1.62	95.5	364	<20	<50	0.22	<1
D63427 (369820)		<1	2.45	24	10	0.63	741	11.9	0.76	11.1	431	<20	<50	0.05	2
D63428 (369821)		<1	2.89	26	8	0.40	536	14.6	0.87	3.4	315	<20	<50	0.04	2
D63429 (369822)		<1	2.21	22	8	0.35	625	14.1	0.92	3.1	301	<20	<50	0.04	1
D63430 (369823)		<1	1.66	23	12	0.95	870	19.4	0.80	14.3	433	<20	<50	0.05	<1
D63431 (369824)		<1	1.50	26	11	0.41	504	13.0	0.74	2.7	329	<20	<50	0.07	<1
D63432 (369825)		<1	0.03	2	<1	2.17	121	<0.5	0.14	0.5	89	<20	<50	<0.01	<1
D63433 (369826)		<1	1.63	26	11	0.36	446	13.5	0.76	2.9	294	<20	<50	0.03	<1
D63434 (369827)		<1	1.87	25	13	0.42	467	12.9	1.11	2.7	313	<20	<50	0.03	<1
D63435 (369828)		<1	0.91	25	14	0.45	375	14.8	1.52	2.9	318	<20	<50	0.04	<1
D63436 (369829)		<1	1.09	25	17	0.62	470	14.2	1.71	6.5	386	<20	<50	0.05	<1
D63437 (369830)		<1	2.29	26	34	2.12	1080	9.7	1.77	23.0	715	<20	<50	0.09	<1
D63438 (369831)		<1	2.27	23	34	2.11	1110	8.6	1.81	22.5	695	<20	<50	0.09	<1
D63439 (369832)		<1	1.66	60	28	1.09	295	9.1	2.91	18.6	103	<20	<50	0.08	<1
D63440 (369833)		<1	1.11	13	21	4.25	1150	4.2	2.02	124	510	<20	<50	0.01	<1
D63441 (369834)		<1	1.13	10	16	0.65	187	8.6	3.62	35.6	85	<20	<50	0.71	<1
D63442 (369835)		<1	0.77	12	9	0.31	120	12.3	3.11	16.8	63	<20	<50	0.69	1
D63443 (369836)		<1	1.03	48	10	0.49	167	12.3	3.31	13.6	111	<20	<50	0.33	<1
D63444 (369837)		<1	1.64	30	41	1.47	287	10.5	2.93	46.8	232	<20	<50	0.16	<1
D63445 (369838)		<1	1.20	9	28	4.28	1060	4.8	1.98	145	580	<20	<50	0.01	1
D63446 (369839)		<1	0.21	3	13	4.31	1370	1.7	2.31	82.3	387	<20	<50	0.15	3

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T495760

PROJECT: AGAT00698

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 21, 2019

DATE RECEIVED: Jul 22, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D63447 (369840)		<1	0.37	10	18	5.08	911	3.1	2.12	221	436	<20	<50	<0.01	3
D63448 (369841)		<1	1.21	12	37	3.12	888	9.8	2.02	70.9	1070	<20	<50	0.01	2
D63449 (369842)		<1	0.74	12	17	2.52	967	4.6	2.49	32.7	693	<20	<50	0.02	<1
D63450 (369843)		<1	0.55	13	18	2.60	1010	5.9	2.63	33.3	720	<20	<50	0.01	<1
D63451 (369844)		<1	0.61	13	16	2.52	935	4.2	2.68	33.6	734	<20	<50	0.01	2
D63452 (369845)		<1	0.02	2	1	2.23	113	0.6	0.04	0.8	87	<20	<50	<0.01	1
D63453 (369846)		<1	1.13	8	29	3.01	964	4.7	3.02	67.3	950	<20	<50	0.03	<1
D63454 (369847)		<1	0.52	7	21	4.57	1080	2.7	2.74	148	549	<20	<50	0.03	3
D63455 (369848)		<1	0.37	8	17	4.17	1120	5.2	2.50	160	455	<20	<50	0.01	1
D63456 (369849)		<1	0.78	11	23	2.33	1190	7.6	2.52	37.3	627	<20	<50	1.05	2
D63457 (369850)		<1	0.60	22	16	0.97	1230	10.5	3.31	9.0	1380	<20	<50	0.29	<1
D63458 (369851)		<1	0.61	22	16	0.96	1190	10.3	3.29	8.1	1340	<20	<50	0.27	<1
D63459 (369852)		<1	0.51	9	15	2.61	1210	5.1	3.25	40.6	791	<20	<50	0.04	1
D63460 (369853)		<1	0.37	11	11	2.13	1280	7.1	3.15	20.9	1030	<20	<50	0.11	1
D63461 (369854)		<1	0.39	10	16	2.56	1200	4.7	2.88	32.1	858	<20	<50	0.05	<1
D63462 (369855)		<1	1.14	23	20	0.97	937	9.9	3.13	1.7	1410	<20	<50	0.15	<1
D63463 (369856)		<1	0.96	22	20	1.14	1090	7.7	3.22	4.0	1290	<20	<50	0.10	<1
D63464 (369857)		<1	0.49	8	17	3.24	1440	5.0	2.67	87.0	622	<20	<50	0.01	<1
D63465 (369858)		<1	0.96	21	20	1.04	744	9.2	3.01	4.0	1250	<20	<50	0.05	1
D63466 (369859)		<1	0.24	3	14	4.47	1290	1.9	1.64	98.7	354	<20	<50	0.21	2
D63467 (369860)		<1	0.76	19	6	3.07	1390	4.7	1.73	53.2	821	<20	<50	0.12	<1
D63468 (369861)		<1	1.15	21	21	1.04	729	8.6	3.23	3.2	1280	<20	<50	0.04	<1
D63469 (369862)		<1	0.68	11	15	2.25	1490	5.3	2.45	33.2	829	<20	<50	0.08	<1
D63470 (369863)		<1	1.19	15	21	0.87	692	12.1	3.10	14.4	650	<20	<50	0.29	<1
D63471 (369864)		<1	0.89	23	19	1.02	731	8.3	3.15	1.3	1360	<20	<50	0.06	<1
D63472 (369865)		<1	0.01	2	1	3.49	126	0.5	0.05	0.6	83	<20	<50	<0.01	1
D63473 (369866)		<1	0.55	24	12	0.95	807	9.3	3.15	1.4	1690	<20	<50	0.11	<1
D63474 (369867)		<1	0.55	22	13	0.86	772	10.2	3.19	2.1	1310	<20	<50	0.06	<1
D63475 (369868)		<1	1.08	21	19	1.16	745	10.2	3.14	6.0	1270	<20	<50	0.08	2
D63476 (369869)		<1	1.06	21	19	1.17	896	8.6	3.18	5.2	1290	<20	<50	0.05	<1
D63477 (369870)		<1	0.52	21	11	1.07	1010	10.4	3.28	8.5	1230	<20	<50	0.07	<1
D63478 (369871)		<1	0.50	21	11	1.12	978	9.2	3.20	9.7	1190	<20	<50	0.08	<1

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T495760

PROJECT: AGAT00698

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 21, 2019

DATE RECEIVED: Jul 22, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Rb ppm	S %	Sb ppm
D63479 (369872)		<1	0.64	12	22	2.86	1590	4.7	3.13	69.5	793	<20	<50	0.02	<1
D63480 (369873)		<1	0.75	21	19	1.19	1240	9.7	3.18	10.9	1260	<20	<50	0.07	<1
D63481 (369874)		<1	0.93	8	24	3.26	1370	3.7	2.70	76.0	615	<20	<50	<0.01	<1
D63482 (369875)		<1	1.23	22	20	0.88	1140	10.5	3.28	3.2	1360	<20	<50	0.06	<1
D63483 (369876)		<1	0.77	24	17	1.52	1320	6.7	2.90	34.9	1310	<20	<50	0.04	<1
D63484 (369877)		<1	0.96	22	20	0.96	983	8.7	2.89	4.6	1330	<20	<50	0.10	<1
D63485 (369878)		<1	0.46	23	11	0.77	985	8.1	2.60	6.0	1320	<20	<50	0.36	<1
D63486 (369879)		<1	0.25	3	14	4.49	1290	1.6	1.64	95.9	344	<20	<50	0.21	1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T495760

PROJECT: AGAT00698

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 21, 2019

DATE RECEIVED: Jul 22, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D63415 (369808)	9	<10	<5	129	<10	<10	<5	0.20	<5	<50	13.6	<1	25	53.4
D63416 (369809)	11	<10	<5	147	<10	<10	<5	0.25	<5	<50	19.0	<1	26	70.8
D63417 (369810)	11	<10	<5	115	<10	<10	<5	0.32	<5	<50	36.1	<1	20	83.1
D63418 (369811)	11	<10	<5	115	<10	<10	<5	0.32	<5	<50	36.0	<1	19	84.9
D63419 (369812)	9	<10	<5	133	<10	<10	<5	0.23	<5	<50	8.5	<1	29	53.1
D63420 (369813)	9	<10	<5	135	<10	<10	<5	0.23	<5	<50	8.9	<1	29	57.8
D63421 (369814)	8	<10	<5	116	<10	<10	<5	0.21	<5	<50	9.2	<1	23	41.5
D63422 (369815)	10	<10	<5	190	<10	<10	<5	0.44	<5	<50	34.3	<1	26	75.3
D63423 (369816)	30	<10	<5	603	<10	<10	<5	2.32	<5	<50	260	<1	23	90.7
D63424 (369817)	10	<10	<5	160	<10	<10	<5	0.41	<5	<50	33.2	<1	18	38.4
D63425 (369818)	11	<10	<5	164	<10	<10	<5	0.29	<5	<50	29.9	<1	22	36.7
D63426 (369819)	43	<10	<5	164	<10	<10	<5	0.58	<5	<50	267	<1	19	73.1
D63427 (369820)	10	<10	<5	207	<10	<10	<5	0.26	<5	<50	18.1	<1	29	47.9
D63428 (369821)	8	<10	<5	207	<10	<10	<5	0.23	<5	<50	8.3	<1	26	59.4
D63429 (369822)	8	<10	<5	166	<10	<10	<5	0.21	<5	<50	9.5	<1	27	46.9
D63430 (369823)	16	<10	<5	134	<10	<10	<5	0.39	<5	<50	58.5	<1	29	90.3
D63431 (369824)	10	<10	<5	120	<10	<10	<5	0.26	<5	<50	10.3	<1	27	69.2
D63432 (369825)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.0	<1	3	2.1
D63433 (369826)	8	<10	<5	122	<10	<10	<5	0.23	<5	<50	6.6	<1	25	60.5
D63434 (369827)	9	<10	<5	116	<10	<10	<5	0.24	<5	<50	6.8	<1	27	56.5
D63435 (369828)	8	<10	<5	105	<10	<10	<5	0.23	<5	<50	7.8	<1	19	54.2
D63436 (369829)	8	<10	<5	119	<10	<10	<5	0.25	<5	<50	25.0	<1	22	54.3
D63437 (369830)	21	<10	<5	139	<10	<10	<5	0.65	<5	<50	149	<1	21	128
D63438 (369831)	21	<10	<5	141	<10	<10	<5	0.65	<5	<50	145	<1	22	123
D63439 (369832)	16	<10	<5	204	<10	<10	19	0.29	<5	<50	82.7	<1	6	96.5
D63440 (369833)	27	<10	<5	154	<10	<10	<5	0.45	<5	<50	138	<1	18	133
D63441 (369834)	4	<10	<5	227	<10	<10	<5	0.13	<5	<50	20.3	<1	3	56.0
D63442 (369835)	2	<10	<5	215	<10	<10	6	0.09	<5	<50	10.6	<1	2	48.2
D63443 (369836)	4	<10	<5	235	<10	<10	27	0.13	<5	<50	20.6	<1	4	61.3
D63444 (369837)	8	<10	<5	187	<10	<10	6	0.25	<5	<50	61.6	<1	4	82.5
D63445 (369838)	26	<10	<5	154	<10	<10	<5	0.49	<5	<50	143	<1	18	107
D63446 (369839)	46	<10	<5	109	<10	<10	<5	0.67	<5	<50	293	<1	22	77.1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T495760

PROJECT: AGAT00698

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 21, 2019

DATE RECEIVED: Jul 22, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D63447 (369840)	23	<10	<5	117	<10	<10	<5	0.34	<5	<50	138	<1	14	67.1
D63448 (369841)	21	<10	<5	146	<10	<10	<5	0.43	<5	<50	131	<1	16	107
D63449 (369842)	25	<10	<5	177	<10	<10	<5	0.53	<5	<50	177	<1	18	97.0
D63450 (369843)	27	<10	<5	193	<10	<10	<5	0.58	<5	<50	192	<1	18	95.4
D63451 (369844)	26	<10	<5	200	<10	<10	<5	0.57	<5	<50	188	<1	18	83.4
D63452 (369845)	<1	<10	<5	61	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	2.3
D63453 (369846)	27	<10	<5	182	<10	<10	<5	0.44	<5	<50	153	<1	15	104
D63454 (369847)	24	<10	<5	189	<10	<10	<5	0.50	<5	<50	152	<1	16	89.4
D63455 (369848)	23	<10	<5	178	<10	<10	<5	0.40	<5	<50	145	<1	14	93.1
D63456 (369849)	20	<10	<5	157	<10	<10	<5	0.48	<5	<50	123	<1	20	153
D63457 (369850)	16	<10	<5	203	<10	<10	<5	0.47	<5	<50	19.4	<1	35	105
D63458 (369851)	16	<10	<5	201	<10	<10	<5	0.46	<5	<50	19.1	<1	34	112
D63459 (369852)	34	<10	<5	223	<10	<10	<5	0.74	<5	<50	212	<1	23	107
D63460 (369853)	32	<10	<5	205	<10	<10	<5	0.98	<5	<50	225	<1	32	125
D63461 (369854)	30	<10	<5	201	<10	<10	<5	0.84	<5	<50	199	<1	27	107
D63462 (369855)	15	<10	<5	204	<10	<10	<5	0.45	<5	<50	13.6	<1	33	87.5
D63463 (369856)	17	<10	<5	218	<10	<10	<5	0.50	<5	<50	25.2	<1	35	133
D63464 (369857)	27	<10	<5	171	<10	<10	<5	0.65	<5	<50	165	<1	22	121
D63465 (369858)	15	<10	<5	186	<10	<10	<5	0.46	<5	<50	18.2	<1	31	74.9
D63466 (369859)	43	<10	<5	166	<10	<10	<5	0.59	<5	<50	271	<1	20	75.0
D63467 (369860)	39	<10	<5	168	<10	<10	<5	0.96	<5	<50	294	<1	29	104
D63468 (369861)	14	<10	<5	174	<10	<10	<5	0.47	<5	<50	22.1	<1	30	57.6
D63469 (369862)	28	<10	<5	135	<10	<10	<5	0.70	<5	<50	159	<1	25	110
D63470 (369863)	11	<10	<5	138	<10	<10	<5	0.32	<5	<50	36.6	<1	20	67.0
D63471 (369864)	14	<10	<5	174	<10	<10	<5	0.46	<5	<50	12.3	<1	34	62.8
D63472 (369865)	<1	<10	<5	62	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	3.8
D63473 (369866)	15	<10	<5	160	<10	<10	<5	0.46	<5	<50	15.4	<1	41	62.1
D63474 (369867)	15	<10	<5	169	<10	<10	<5	0.45	<5	<50	15.3	<1	34	64.4
D63475 (369868)	16	<10	<5	176	<10	<10	<5	0.47	<5	<50	26.3	<1	31	61.0
D63476 (369869)	16	<10	<5	177	<10	<10	<5	0.48	<5	<50	17.9	<1	34	67.3
D63477 (369870)	15	<10	<5	190	<10	<10	<5	0.44	<5	<50	26.8	<1	32	92.4
D63478 (369871)	15	<10	<5	187	<10	<10	<5	0.45	<5	<50	29.7	<1	31	94.0

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## Certificate of Analysis

AGAT WORK ORDER: 19T495760

PROJECT: AGAT00698

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 21, 2019	DATE RECEIVED: Jul 22, 2019					DATE REPORTED: Aug 09, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D63479 (369872)	27	<10	<5	224	<10	<10	<5	0.64	<5	<50	145	<1	24	125	
D63480 (369873)	17	<10	<5	248	<10	<10	<5	0.48	<5	<50	34.4	<1	34	115	
D63481 (369874)	27	<10	<5	225	<10	<10	<5	0.65	<5	<50	173	<1	21	105	
D63482 (369875)	16	<10	<5	203	<10	<10	<5	0.48	<5	<50	16.8	<1	32	98.1	
D63483 (369876)	17	<10	<5	197	<10	<10	<5	0.52	<5	<50	41.7	<1	32	110	
D63484 (369877)	16	<10	<5	180	<10	<10	<5	0.48	<5	<50	17.7	<1	34	118	
D63485 (369878)	16	<10	<5	187	<10	<10	<5	0.48	<5	<50	19.4	<1	37	114	
D63486 (369879)	42	<10	<5	165	<10	<10	<5	0.58	<5	<50	262	<1	19	74.3	

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PROJECT: AGAT00698

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 21, 2019

DATE RECEIVED: Jul 22, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D63415 (369808)				137
D63416 (369809)				162
D63417 (369810)				142
D63418 (369811)				143
D63419 (369812)				89
D63420 (369813)				92
D63421 (369814)				77
D63422 (369815)				99
D63423 (369816)				374
D63424 (369817)				128
D63425 (369818)				100
D63426 (369819)				45
D63427 (369820)				104
D63428 (369821)				101
D63429 (369822)				79
D63430 (369823)				54
D63431 (369824)				70
D63432 (369825)				<5
D63433 (369826)				80
D63434 (369827)				109
D63435 (369828)				120
D63436 (369829)				181
D63437 (369830)				97
D63438 (369831)				91
D63439 (369832)				29
D63440 (369833)				42
D63441 (369834)				16
D63442 (369835)				6
D63443 (369836)				10
D63444 (369837)				29
D63445 (369838)				60
D63446 (369839)				53

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## Certificate of Analysis

AGAT WORK ORDER: 19T495760

PROJECT: AGAT00698

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 21, 2019

DATE RECEIVED: Jul 22, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D63447 (369840)				62
D63448 (369841)				103
D63449 (369842)				78
D63450 (369843)				61
D63451 (369844)				63
D63452 (369845)				<5
D63453 (369846)				43
D63454 (369847)				28
D63455 (369848)				43
D63456 (369849)				75
D63457 (369850)				103
D63458 (369851)				119
D63459 (369852)				62
D63460 (369853)				65
D63461 (369854)				75
D63462 (369855)				142
D63463 (369856)				134
D63464 (369857)				65
D63465 (369858)				137
D63466 (369859)				46
D63467 (369860)				139
D63468 (369861)				188
D63469 (369862)				60
D63470 (369863)				115
D63471 (369864)				176
D63472 (369865)				<5
D63473 (369866)				166
D63474 (369867)				152
D63475 (369868)				153
D63476 (369869)				151
D63477 (369870)				131
D63478 (369871)				123

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# Certificate of Analysis

AGAT WORK ORDER: 19T495760

PROJECT: AGAT00698

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 21, 2019

DATE RECEIVED: Jul 22, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core


Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D63479 (369872)	83
D63480 (369873)	125
D63481 (369874)	83
D63482 (369875)	128
D63483 (369876)	104
D63484 (369877)	86
D63485 (369878)	45
D63486 (369879)	44

Comments: RDL - Reported Detection Limit

369808-369879 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

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## Certificate of Analysis

AGAT WORK ORDER: 19T495760

PROJECT: AGAT00698

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 21, 2019

DATE RECEIVED: Jul 22, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D63415 (369808)			0.005
D63416 (369809)			0.002
D63417 (369810)			0.001
D63418 (369811)			0.002
D63419 (369812)			0.001
D63420 (369813)			0.045
D63421 (369814)			0.008
D63422 (369815)			0.003
D63423 (369816)			0.002
D63424 (369817)			0.002
D63425 (369818)			0.003
D63426 (369819)			1.19
D63427 (369820)			0.002
D63428 (369821)			0.001
D63429 (369822)			0.001
D63430 (369823)			0.004
D63431 (369824)			0.005
D63432 (369825)			0.002
D63433 (369826)			0.001
D63434 (369827)			0.005
D63435 (369828)			0.004
D63436 (369829)			0.002
D63437 (369830)			0.004
D63438 (369831)			0.004
D63439 (369832)			0.002
D63440 (369833)			0.006
D63441 (369834)			0.006
D63442 (369835)			0.006
D63443 (369836)			0.005
D63444 (369837)			0.004
D63445 (369838)			0.002
D63446 (369839)			0.538

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## Certificate of Analysis

AGAT WORK ORDER: 19T495760

PROJECT: AGAT00698

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 21, 2019

DATE RECEIVED: Jul 22, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D63447 (369840)			0.002
D63448 (369841)			0.002
D63449 (369842)			0.002
D63450 (369843)			0.005
D63451 (369844)			0.004
D63452 (369845)			0.001
D63453 (369846)			0.008
D63454 (369847)			0.003
D63455 (369848)			0.002
D63456 (369849)			0.006
D63457 (369850)			0.002
D63458 (369851)			0.002
D63459 (369852)			0.003
D63460 (369853)			0.004
D63461 (369854)			0.003
D63462 (369855)			0.002
D63463 (369856)			0.001
D63464 (369857)			0.001
D63465 (369858)			0.001
D63466 (369859)			1.23
D63467 (369860)			0.001
D63468 (369861)			0.002
D63469 (369862)			0.018
D63470 (369863)			0.002
D63471 (369864)			0.001
D63472 (369865)			<0.001
D63473 (369866)			0.002
D63474 (369867)			0.072
D63475 (369868)			0.001
D63476 (369869)			0.001
D63477 (369870)			0.001
D63478 (369871)			0.004

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AGAT WORK ORDER: 19T495760

PROJECT: AGAT00698

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 21, 2019

DATE RECEIVED: Jul 22, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D63479 (369872)			<0.001
D63480 (369873)			0.003
D63481 (369874)			<0.001
D63482 (369875)			0.001
D63483 (369876)			0.001
D63484 (369877)			0.001
D63485 (369878)			0.002
D63486 (369879)			1.23

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T495760

PROJECT: AGAT00698

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 21, 2019

DATE RECEIVED: Jul 22, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D63415 (369808)		76.10
D63434 (369827)		82.14
D63454 (369847)		86.12
D63474 (369867)		80.15

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T495760

PROJECT: AGAT00698

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 21, 2019

DATE RECEIVED: Jul 22, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL: 0.01
D63415 (369808)	88.78

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	369808	< 0.5	< 0.5	0.0%	369822	< 0.5	< 0.5	0.0%	369833	< 0.5	< 0.5	0.0%	369847	< 0.5	< 0.5	0.0%
Al	369808	6.39	6.47	1.2%	369822	6.93	7.00	1.0%	369833	8.38	8.34	0.5%	369847	8.88	8.71	1.9%
As	369808	< 1	< 1	0.0%	369822	< 1	< 1	0.0%	369833	< 1	< 1	0.0%	369847	< 1	< 1	0.0%
Ba	369808	377	381	1.1%	369822	505	497	1.6%	369833	153	150	2.0%	369847	76	75	1.3%
Be	369808	2.0	2.0	0.0%	369822	1.04	1.07	2.8%	369833	1.46	1.44	1.4%	369847	0.8	0.8	0.0%
Bi	369808	< 1	< 1	0.0%	369822	< 1	< 1	0.0%	369833	< 1	< 1	0.0%	369847	< 1	< 1	0.0%
Ca	369808	4.19	3.15	28.3%	369822	3.53	3.48	1.4%	369833	6.31	6.33	0.3%	369847	5.90	5.86	0.7%
Cd	369808	< 0.5	< 0.5	0.0%	369822	< 0.5	< 0.5	0.0%	369833	< 0.5	< 0.5	0.0%	369847	< 0.5	< 0.5	0.0%
Ce	369808	49	51	4.0%	369822	48	50	4.1%	369833	23	22	4.4%	369847	13	14	7.4%
Co	369808	3.10	3.47	11.3%	369822	1.9	2.1	10.0%	369833	33.2	33.1	0.3%	369847	38.0	38.3	0.8%
Cr	369808	83.2	90.1	8.0%	369822	98.5	97.9	0.6%	369833	144	139	3.5%	369847	145	150	3.4%
Cu	369808	6.38	5.61	12.8%	369822	10.8	11.0	1.8%	369833	< 0.5	< 0.5	0.0%	369847	36.0	36.0	0.0%
Fe	369808	2.71	2.80	3.3%	369822	2.56	2.58	0.8%	369833	6.73	6.73	0.0%	369847	7.14	7.08	0.8%
Ga	369808	14	16	13.3%	369822	16	16	0.0%	369833	29	28	3.5%	369847	29	29	0.0%
In	369808	< 1	< 1	0.0%	369822	< 1	< 1	0.0%	369833	< 1	< 1	0.0%	369847	< 1	< 1	0.0%
K	369808	1.52	1.53	0.7%	369822	2.21	2.23	0.9%	369833	1.11	1.11	0.0%	369847	0.52	0.52	0.0%
La	369808	24	25	4.1%	369822	22	23	4.4%	369833	13	12	8.0%	369847	7	8	13.3%
Li	369808	9	9	0.0%	369822	8	8	0.0%	369833	21	21	0.0%	369847	21	21	0.0%
Mg	369808	0.67	0.63	6.2%	369822	0.35	0.35	0.0%	369833	4.25	4.25	0.0%	369847	4.57	4.50	1.5%
Mn	369808	627	622	0.8%	369822	625	618	1.1%	369833	1150	1140	0.9%	369847	1080	1060	1.9%
Mo	369808	13.1	15.1	14.2%	369822	14.1	14.4	2.1%	369833	4.18	3.41	20.3%	369847	2.72	2.87	5.4%
Na	369808	1.86	1.87	0.5%	369822	0.92	0.92	0.0%	369833	2.02	2.02	0.0%	369847	2.74	2.72	0.7%
Ni	369808	11.9	9.74	20.0%	369822	3.1	3.4	9.2%	369833	124	124	0.0%	369847	148	150	1.3%
P	369808	273	289	5.7%	369822	301	311	3.3%	369833	510	513	0.6%	369847	549	543	1.1%
Pb	369808	< 20	< 20	0.0%	369822	< 20	< 20	0.0%	369833	< 20	< 20	0.0%	369847	< 20	< 20	0.0%
Rb	369808	< 50	< 50	0.0%	369822	< 50	< 50	0.0%	369833	< 50	< 50	0.0%	369847	< 50	< 50	0.0%
S	369808	0.07	0.07	0.0%	369822	0.04	0.04	0.0%	369833	0.01	< 0.01		369847	0.03	0.03	0.0%
Sb	369808	2	< 1		369822	1	< 1		369833	< 1	2		369847	3	2	
Sc	369808	9	9	0.0%	369822	8	8	0.0%	369833	27	26	3.8%	369847	24	24	0.0%
Se	369808	< 10	< 10	0.0%	369822	< 10	< 10	0.0%	369833	< 10	< 10	0.0%	369847	< 10	< 10	0.0%
Sn	369808	< 5	< 5	0.0%	369822	< 5	< 5	0.0%	369833	< 5	< 5	0.0%	369847	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	369808	129	128	0.8%	369822	166	165	0.6%	369833	154	155	0.6%	369847	189	188	0.5%
Ta	369808	< 10	< 10	0.0%	369822	< 10	< 10	0.0%	369833	< 10	< 10	0.0%	369847	< 10	< 10	0.0%
Te	369808	< 10	< 10	0.0%	369822	< 10	< 10	0.0%	369833	< 10	< 10	0.0%	369847	< 10	< 10	0.0%
Th	369808	< 5	< 5	0.0%	369822	< 5	< 5	0.0%	369833	< 5	< 5	0.0%	369847	< 5	< 5	0.0%
Ti	369808	0.202	0.207	2.4%	369822	0.21	0.21	0.0%	369833	0.45	0.45	0.0%	369847	0.50	0.50	0.0%
Tl	369808	< 5	< 5	0.0%	369822	< 5	< 5	0.0%	369833	< 5	< 5	0.0%	369847	< 5	< 5	0.0%
U	369808	< 50	< 50	0.0%	369822	< 50	< 50	0.0%	369833	< 50	< 50	0.0%	369847	< 50	< 50	0.0%
V	369808	13.6	14.4	5.7%	369822	9.5	9.9	4.1%	369833	138	138	0.0%	369847	152	152	0.0%
W	369808	< 1	< 1	0.0%	369822	< 1	< 1	0.0%	369833	< 1	< 1	0.0%	369847	< 1	< 1	0.0%
Y	369808	25	25	0.0%	369822	27	27	0.0%	369833	18	18	0.0%	369847	16	16	0.0%
Zn	369808	53.4	63.1	16.7%	369822	46.9	46.5	0.9%	369833	133	131	1.5%	369847	89.4	87.1	2.6%
Zr	369808	137	135	1.5%	369822	79	90	13.0%	369833	42	43	2.4%	369847	28	27	3.6%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	369858	< 0.5	< 0.5	0.0%	369872	< 0.5	< 0.5	0.0%								
Al	369858	7.91	8.16	3.1%	369872	8.51	8.58	0.8%								
As	369858	< 1	< 1	0.0%	369872	< 1	< 1	0.0%								
Ba	369858	229	233	1.7%	369872	181	183	1.1%								
Be	369858	1.23	1.13	8.5%	369872	2.5	2.5	0.0%								
Bi	369858	< 1	< 1	0.0%	369872	< 1	< 1	0.0%								
Ca	369858	2.95	2.99	1.3%	369872	5.07	5.04	0.6%								
Cd	369858	< 0.5	< 0.5	0.0%	369872	< 0.5	< 0.5	0.0%								
Ce	369858	51	49	4.0%	369872	26	26	0.0%								
Co	369858	6.01	6.47	7.4%	369872	27.0	27.6	2.2%								
Cr	369858	68.4	68.6	0.3%	369872	115	136	16.7%								
Cu	369858	7.8	9.5	19.7%	369872	< 0.5	< 0.5	0.0%								
Fe	369858	4.36	4.31	1.2%	369872	7.22	7.20	0.3%								
Ga	369858	24	25	4.1%	369872	30	30	0.0%								
In	369858	< 1	< 1	0.0%	369872	< 1	< 1	0.0%								
K	369858	0.96	0.98	2.1%	369872	0.64	0.65	1.6%								
La	369858	21	20	4.9%	369872	12	12	0.0%								
Li	369858	20	20	0.0%	369872	22	23	4.4%								
Mg	369858	1.04	1.06	1.9%	369872	2.86	2.87	0.3%								
Mn	369858	744	764	2.7%	369872	1590	1580	0.6%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	369858	9.18	9.01	1.9%	369872	4.73	4.55	3.9%								
Na	369858	3.01	3.33	10.1%	369872	3.13	3.13	0.0%								
Ni	369858	4.0	4.4	9.5%	369872	69.5	71.2	2.4%								
P	369858	1250	1320	5.4%	369872	793	803	1.3%								
Pb	369858	< 20	< 20	0.0%	369872	< 20	< 20	0.0%								
Rb	369858	< 50	< 50	0.0%	369872	< 50	< 50	0.0%								
S	369858	0.05	0.05	0.0%	369872	0.02	0.02	0.0%								
Sb	369858	1	< 1		369872	< 1	< 1	0.0%								
Sc	369858	15	16	6.5%	369872	27	27	0.0%								
Se	369858	< 10	< 10	0.0%	369872	< 10	< 10	0.0%								
Sn	369858	< 5	< 5	0.0%	369872	< 5	< 5	0.0%								
Sr	369858	186	195	4.7%	369872	224	224	0.0%								
Ta	369858	< 10	< 10	0.0%	369872	< 10	< 10	0.0%								
Te	369858	< 10	< 10	0.0%	369872	< 10	< 10	0.0%								
Th	369858	< 5	< 5	0.0%	369872	< 5	< 5	0.0%								
Ti	369858	0.46	0.45	2.2%	369872	0.64	0.64	0.0%								
Tl	369858	< 5	< 5	0.0%	369872	< 5	< 5	0.0%								
U	369858	< 50	< 50	0.0%	369872	< 50	< 50	0.0%								
V	369858	18.2	20.5	11.9%	369872	145	149	2.7%								
W	369858	< 1	< 1	0.0%	369872	< 1	< 1	0.0%								
Y	369858	31	32	3.2%	369872	24	25	4.1%								
Zn	369858	74.9	75.4	0.7%	369872	125	125	0.0%								
Zr	369858	137	133	3.0%	369872	83	91	9.2%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	369808	0.005	0.001		369822	0.001	0.005		369833	0.006	0.006	0.0%	369847	0.003	0.005	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	369858	0.001	0.001	0.0%	369872	< 0.001	0.001									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP5G)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	3.07	101%	90% - 110%
Al	10.95	11.32	103%	90% - 110%	8.17	8.28	101%	90% - 110%	6.96	7.03	101%	90% - 110%	4.75	4.94	104%	90% - 110%
As					26	25	97%	90% - 110%	124	128	103%	90% - 110%				
Ba	340	323	95%	90% - 110%	540	496	92%	90% - 110%	186	180	97%	90% - 110%	216	212	98%	90% - 110%
Be	2.6	2.5	97%	90% - 110%	4.0	3.8	94%	90% - 110%								
Ca	5.72	5.49	96%	90% - 110%	0.907	0.888	98%	90% - 110%	4.01	3.8	95%	90% - 110%	10	9	94%	90% - 110%
Ce	122	114	93%	90% - 110%	98	95	97%	90% - 110%	24	23	95%	90% - 110%				
Co									22.1	20.8	94%	90% - 110%	191	176	92%	90% - 110%
Cr					60.3	63.6	105%	90% - 110%					670	621	92%	90% - 110%
Cu					150	150	100%	90% - 110%	88.6	82.8	93%	90% - 110%	7120	7320	103%	90% - 110%
Fe	4.34	4.06	94%	90% - 110%	3.77	3.64	96%	90% - 110%	7.56	7.24	96%	90% - 110%	12.71	12.12	95%	90% - 110%
Ga	35	32	92%	90% - 110%												
K	1.37	1.46	106%	90% - 110%					2.021	2.104	104%	90% - 110%	0.1021	0.1054	103%	90% - 110%
La	58	58	99%	90% - 110%	44	43	97%	90% - 110%					8.47	7.74	91%	90% - 110%
Li	37	38	103%	90% - 110%	47	46	98%	90% - 110%								
Mg	0.325	0.301	92%	90% - 110%	1.10	1.09	99%	90% - 110%	2.412	2.455	102%	90% - 110%	7.41	7.55	102%	90% - 110%
Mn					780	742	95%	90% - 110%	1510	1424	94%	90% - 110%				
Mo					14	14	99%	90% - 110%								
Na	5.267	5.324	101%	90% - 110%	1.624	1.668	103%	90% - 110%	0.617	0.607	98%	90% - 110%	0.112	0.119	106%	90% - 110%
Ni					32	32	100%	90% - 110%	77.1	70.3	91%	90% - 110%	2480	2324	93%	90% - 110%
P					750	744	99%	90% - 110%	892	856	96%	90% - 110%	731	672	92%	90% - 110%
Pb					31	28	90%	90% - 110%								
S									0.348	0.33	95%	90% - 110%				
Sc	1.1	1.1	96%	90% - 110%	12	13	106%	90% - 110%					21.33	21.56	101%	90% - 110%
Sr	1191	1134	95%	90% - 110%	144	146	101%	90% - 110%	92.8	84.9	91%	90% - 110%	39	37	95%	90% - 110%
Ti	0.172	0.165	96%	90% - 110%	0.53	0.48	91%	90% - 110%					0.419	0.412	98%	90% - 110%
V	8	9	107%	90% - 110%	77	77	100%	90% - 110%					158	162	103%	90% - 110%
Y	119	124	104%	90% - 110%									12.67	12.76	101%	90% - 110%
Zn	93	92	98%	90% - 110%	130	123	95%	90% - 110%	208	206	99%	90% - 110%	112	111	99%	90% - 110%
Zr													35.7	35.9	101%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP5G)				CRM #4 (ref.GSP7M)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.27	5.15	98%	90% - 110%	6.87	6.49	94%	90% - 110%	0.562	0.601	107%	90% - 110%	0.725	0.75	103%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00698  
 SAMPLING SITE:

AGAT WORK ORDER: 19T495760  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00700

AGAT WORK ORDER: 19T496308

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Aug 09, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T496308

PROJECT: AGAT00700

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D63487 (373116)		2.30
D63488 (373117)		2.38
D63489 (373118)		2.18
D63490 (373119)		2.31
D63491 (373120)		2.37
D63492 (373121)		0.57
D63493 (373122)		2.61
D63494 (373123)		3.20
D63495 (373124)		0.69
D63496 (373125)		2.13
D63497 (373126)		2.50
D63498 (373127)		2.50
D63499 (373128)		1.61
D63500 (373129)		2.44
D63501 (373130)		3.49
D63502 (373131)		2.36
D63503 (373132)		2.28
D63504 (373133)		1.73
D63505 (373134)		2.67
D63506 (373135)		0.06
D63507 (373136)		2.24
D63508 (373137)		2.18
D63509 (373138)		2.23
D63510 (373139)		2.36
D63511 (373140)		2.18
D63512 (373141)		0.62
D63513 (373142)		2.32
D63514 (373143)		2.27
D63515 (373144)		2.20
D63516 (373145)		2.25
D63517 (373146)		2.95

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T496308

PROJECT: AGAT00700

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D63518 (373147)		2.95
D63519 (373148)		0.55
D63520 (373149)		2.99
D63521 (373150)		2.11
D63522 (373151)		2.16
D63523 (373152)		1.37
D63524 (373153)		1.39
D63525 (373154)		2.13
D63526 (373155)		0.07
D63527 (373156)		2.20
D63528 (373157)		1.98
D63529 (373158)		2.06
D63530 (373159)		2.35
D63531 (373160)		2.33
D63532 (373161)		0.61
D63533 (373162)		2.08
D63534 (373163)		3.64
D63535 (373164)		2.93
D63536 (373165)		2.07
D63537 (373166)		0.78
D63538 (373167)		0.78
D63539 (373168)		2.93
D63540 (373169)		0.69
D63541 (373170)		1.92
D63542 (373171)		1.35
D63543 (373172)		2.37
D63544 (373173)		2.49
D63545 (373174)		2.38
D63546 (373175)		0.06
D63547 (373176)		2.16
D63548 (373177)		0.73

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T496308

PROJECT: AGAT00700

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019


SAMPLE TYPE: Drill Core

	Analyte:	Sample Login Weight
	Unit:	kg
Sample ID (AGAT ID)	RDL:	0.01
D63549 (373178)		1.87
D63550 (373179)		3.06

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T496308

PROJECT: AGAT00700

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D63487 (373116)		<0.5	8.31	<1	170	1.9	<1	5.34	<0.5	50	8.6	87.3	8.5	5.13	17.0
D63488 (373117)		<0.5	8.20	<1	397	1.3	<1	4.16	<0.5	55	6.1	79.5	6.4	4.32	13.0
D63489 (373118)		<0.5	7.91	<1	354	2.0	<1	3.27	<0.5	53	5.4	101	2.3	4.53	13.0
D63490 (373119)		<0.5	8.68	<1	367	1.5	<1	3.46	<0.5	55	5.2	69.8	4.4	4.92	16.0
D63491 (373120)		<0.5	8.46	<1	251	1.3	<1	3.82	<0.5	47	7.6	88.2	3.2	5.54	16.0
D63492 (373121)		<0.5	0.07	<1	19	<0.5	<1	32.2	<0.5	<1	0.5	11.4	<0.5	0.09	<5
D63493 (373122)		<0.5	8.36	<1	208	1.6	<1	3.79	<0.5	49	6.5	88.3	<0.5	4.74	15.0
D63494 (373123)		<0.5	8.55	<1	396	1.4	<1	3.14	<0.5	78	4.7	96.0	14.2	4.07	14.0
D63495 (373124)		<0.5	8.19	<1	251	1.5	<1	3.10	<0.5	47	4.1	97.3	2.6	3.30	10.0
D63496 (373125)		<0.5	8.54	<1	194	1.5	<1	3.69	<0.5	54	6.8	102	14.6	4.62	15.0
D63497 (373126)		<0.5	8.25	<1	179	1.3	<1	3.99	<0.5	50	11.6	117	14.2	5.01	15.0
D63498 (373127)		<0.5	8.33	<1	179	1.3	<1	4.05	<0.5	51	11.6	99.6	23.2	5.16	15.0
D63499 (373128)		<0.5	8.98	<1	307	1.4	<1	3.00	<0.5	86	2.5	88.2	0.6	1.68	7.00
D63500 (373129)		<0.5	8.54	<1	325	1.7	<1	3.62	<0.5	52	8.8	90.6	<0.5	5.45	16.0
D63501 (373130)		<0.5	8.20	<1	235	1.6	<1	3.78	<0.5	51	7.4	120	1.3	4.89	15.0
D63502 (373131)		<0.5	8.63	<1	306	1.7	<1	3.36	<0.5	47	5.0	115	3.5	4.17	14.0
D63503 (373132)		1.1	7.76	<1	228	1.4	<1	2.91	<0.5	49	5.9	109	33.6	2.88	9.00
D63504 (373133)		<0.5	3.19	<1	839	3.8	<1	7.94	<0.5	140	59.8	780	108	9.10	26.0
D63505 (373134)		0.7	7.10	<1	334	1.1	<1	2.99	<0.5	48	6.8	159	10.2	4.57	13.0
D63506 (373135)		<0.5	7.33	<1	139	0.8	<1	6.51	<0.5	5	39.9	149	152	7.82	23.0
D63507 (373136)		0.8	7.84	<1	287	1.2	<1	3.07	<0.5	48	3.5	67.3	3.2	3.04	9.00
D63508 (373137)		0.8	7.59	<1	263	1.1	<1	2.89	<0.5	46	4.2	110	11.4	2.80	8.00
D63509 (373138)		0.9	7.23	<1	253	1.1	<1	2.98	<0.5	45	6.9	123	7.3	4.82	14.0
D63510 (373139)		0.9	7.94	<1	292	1.0	<1	2.95	<0.5	48	5.9	119	16.1	4.16	14.0
D63511 (373140)		1.0	7.98	<1	286	1.0	<1	2.82	<0.5	48	4.7	97.2	7.2	3.53	12.0
D63512 (373141)		<0.5	0.17	<1	19	<0.5	<1	32.0	<0.5	<1	0.6	6.2	1.3	0.15	<5
D63513 (373142)		0.9	7.55	<1	262	0.9	<1	2.57	<0.5	46	5.5	85.8	2.3	4.27	14.0
D63514 (373143)		0.8	7.28	<1	325	1.2	<1	3.11	<0.5	58	7.5	99.3	11.6	4.05	12.0
D63515 (373144)		0.8	7.64	<1	255	1.2	<1	2.51	<0.5	44	4.2	104	6.8	3.72	12.0
D63516 (373145)		0.9	7.49	<1	249	1.0	<1	2.67	<0.5	47	5.4	80.6	12.0	3.79	12.0
D63517 (373146)		0.9	8.25	<1	276	1.1	<1	2.79	<0.5	56	5.3	88.9	13.6	3.52	13.0
D63518 (373147)		0.7	8.21	<1	278	1.1	<1	2.81	<0.5	53	5.3	85.9	13.6	3.47	11.0

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T496308

PROJECT: AGAT00700

5623 McADAM ROAD  
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CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D63519 (373148)		0.7	7.54	<1	301	1.1	<1	2.32	<0.5	48	5.2	85.0	10.3	2.89	9.00
D63520 (373149)		0.7	7.65	<1	323	1.1	<1	2.81	<0.5	52	8.8	90.5	34.8	3.52	11.0
D63521 (373150)		0.5	7.61	<1	277	1.1	<1	3.09	<0.5	48	7.6	87.8	15.8	3.59	12.0
D63522 (373151)		0.7	7.70	<1	250	1.2	<1	2.50	<0.5	50	4.6	79.9	8.5	3.41	11.0
D63523 (373152)		0.7	7.44	<1	361	1.3	<1	2.82	<0.5	53	5.0	89.4	11.7	3.19	10.0
D63524 (373153)		<0.5	2.88	<1	649	4.7	<1	7.59	<0.5	184	48.1	625	88.4	8.85	25.0
D63525 (373154)		0.8	7.87	4	290	1.3	<1	2.76	<0.5	51	5.5	75.4	7.3	3.76	12.0
D63526 (373155)		<0.5	7.74	5	85	0.7	<1	7.29	<0.5	4	38.7	148	161	7.48	21.0
D63527 (373156)		0.8	7.68	6	275	1.2	<1	3.13	<0.5	49	5.6	83.4	2.5	3.85	11.0
D63528 (373157)		0.6	7.53	<1	285	1.0	<1	2.77	<0.5	48	6.3	141	7.2	4.33	15.0
D63529 (373158)		<0.5	7.21	2	525	1.4	<1	2.46	<0.5	54	6.9	90.4	34.5	2.14	8.00
D63530 (373159)		<0.5	7.31	<1	188	0.9	<1	6.96	<0.5	9	36.0	131	98.4	6.96	19.0
D63531 (373160)		<0.5	7.56	<1	133	0.8	<1	7.16	<0.5	9	38.3	170	97.4	6.57	17.0
D63532 (373161)		<0.5	0.09	<1	16	<0.5	<1	31.7	<0.5	<1	0.9	2.9	<0.5	0.09	< 5
D63533 (373162)		<0.5	6.35	<1	1160	2.2	<1	6.61	<0.5	4	23.9	118	76.3	5.72	13.0
D63534 (373163)		<0.5	6.06	<1	509	3.1	<1	7.75	<0.5	73	42.5	242	112	7.96	24.0
D63535 (373164)		<0.5	7.71	<1	380	1.8	<1	3.36	<0.5	55	6.2	91.2	9.3	3.18	10.0
D63536 (373165)		<0.5	2.75	<1	688	5.6	<1	7.47	<0.5	134	52.2	506	106	9.80	32.0
D63537 (373166)		<0.5	4.53	<1	571	4.2	<1	6.77	<0.5	168	20.4	163	65.1	6.11	16.0
D63538 (373167)		<0.5	4.69	<1	612	4.2	<1	6.74	<0.5	167	19.6	150	63.2	6.05	18.0
D63539 (373168)		0.7	7.61	<1	272	1.2	<1	2.87	<0.5	49	4.2	89.2	20.4	3.64	12.0
D63540 (373169)		<0.5	8.07	<1	270	1.7	<1	2.63	<0.5	42	3.9	65.5	6.8	2.72	10.0
D63541 (373170)		0.8	8.12	<1	279	1.5	<1	2.73	<0.5	52	4.4	88.5	2.1	3.51	13.0
D63542 (373171)		0.6	7.75	1	242	1.6	<1	2.72	<0.5	48	4.1	70.9	3.0	3.00	11.0
D63543 (373172)		0.8	7.81	<1	267	1.2	<1	2.45	<0.5	47	4.3	93.4	4.9	3.43	11.0
D63544 (373173)		0.6	8.01	<1	291	1.1	<1	2.49	<0.5	53	5.8	95.0	8.5	4.35	14.0
D63545 (373174)		0.8	8.23	<1	364	1.1	<1	2.75	<0.5	52	4.9	90.1	5.0	3.90	14.0
D63546 (373175)		<0.5	7.44	<1	141	0.8	<1	6.69	<0.5	4	39.8	152	158	7.99	22.0
D63547 (373176)		<0.5	7.58	<1	438	1.4	<1	2.66	<0.5	57	5.4	89.3	16.5	3.07	11.0
D63548 (373177)		<0.5	2.36	<1	359	4.3	<1	7.58	<0.5	240	53.9	598	94.8	8.55	21.0
D63549 (373178)		<0.5	3.60	<1	497	4.4	<1	8.25	<0.5	215	41.8	367	78.8	8.09	26.0
D63550 (373179)		0.5	7.59	<1	279	1.2	<1	2.33	<0.5	52	5.4	101	16.0	3.48	12.0

Certified By:





**AGAT** Laboratories

# Certificate of Analysis

AGAT WORK ORDER: 19T496308

PROJECT: AGAT00700

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Certified By:



## Certificate of Analysis

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PROJECT: AGAT00700

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CLIENT NAME: GOLDCORP BORDEN LIMITED

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D63487 (373116)		<1	0.63	21	9	1.04	1140	8.7	2.92	11.2	1180	<20	<50	0.08	1
D63488 (373117)		<1	0.99	25	15	0.88	989	8.6	2.87	4.4	1140	<20	<50	0.08	<1
D63489 (373118)		<1	0.95	23	17	0.76	1140	12.3	2.83	3.3	1180	<20	<50	0.05	1
D63490 (373119)		<1	0.93	23	20	0.82	1250	8.7	2.87	1.1	1370	<20	<50	0.05	3
D63491 (373120)		<1	0.81	19	18	1.12	1290	9.3	2.66	9.0	1210	<20	<50	0.05	1
D63492 (373121)		<1	0.01	2	<1	2.25	117	0.6	0.04	<0.5	77	<20	<50	0.04	1
D63493 (373122)		<1	0.74	20	17	0.94	1230	8.6	2.63	5.5	1230	<20	<50	0.03	<1
D63494 (373123)		<1	1.01	35	19	0.76	907	11.9	2.76	1.4	1080	<20	<50	0.14	<1
D63495 (373124)		<1	0.79	19	16	0.55	767	12.9	2.79	2.8	788	<20	<50	0.07	<1
D63496 (373125)		<1	0.62	23	14	0.78	1240	11.9	2.67	5.3	1320	<20	<50	0.17	<1
D63497 (373126)		<1	0.64	21	17	1.33	1150	11.0	2.37	26.0	1250	<20	<50	0.17	<1
D63498 (373127)		<1	0.63	22	17	1.37	1070	9.8	2.42	28.2	1250	<20	<50	0.25	<1
D63499 (373128)		<1	0.87	42	15	0.47	354	14.0	3.31	4.9	361	<20	<50	0.03	<1
D63500 (373129)		<1	1.16	22	26	1.35	1380	8.4	2.35	10.4	1280	<20	<50	0.09	<1
D63501 (373130)		<1	0.87	21	16	1.00	1170	13.4	2.30	7.9	1240	<20	<50	0.11	1
D63502 (373131)		<1	0.94	20	19	0.82	1510	12.5	2.58	4.6	1130	<20	<50	0.18	1
D63503 (373132)		<1	0.63	22	17	0.53	529	14.0	3.10	9.5	651	<20	<50	1.01	<1
D63504 (373133)		<1	1.98	70	15	11.4	1540	3.2	0.53	562	2980	<20	<50	0.21	2
D63505 (373134)		<1	0.81	21	17	1.03	1090	15.2	2.08	24.0	408	<20	<50	0.36	1
D63506 (373135)		<1	0.20	3	12	4.36	1350	1.3	2.22	84.6	393	<20	<50	0.17	2
D63507 (373136)		<1	0.85	21	17	0.72	637	11.6	2.19	6.3	421	<20	<50	0.15	<1
D63508 (373137)		<1	0.82	21	18	0.61	460	15.8	2.17	4.9	394	<20	<50	0.36	<1
D63509 (373138)		<1	0.92	20	21	0.93	1010	11.9	1.75	20.6	406	<20	<50	0.31	1
D63510 (373139)		<1	1.00	22	23	0.81	1010	13.5	2.04	9.5	448	<20	<50	0.48	1
D63511 (373140)		<1	1.06	21	24	0.75	901	12.2	2.22	6.9	412	<20	<50	0.21	<1
D63512 (373141)		<1	0.02	2	1	1.54	119	<0.5	0.05	<0.5	80	<20	<50	0.05	1
D63513 (373142)		<1	1.02	20	24	0.88	1040	14.0	1.89	7.6	400	<20	<50	0.09	2
D63514 (373143)		<1	1.03	27	24	1.29	868	11.6	1.99	26.4	641	<20	<50	0.13	<1
D63515 (373144)		<1	0.99	20	21	0.73	883	13.8	2.19	6.3	387	<20	<50	0.10	2
D63516 (373145)		<1	0.95	21	20	0.69	727	10.8	2.11	6.1	413	<20	<50	0.14	<1
D63517 (373146)		<1	1.15	25	21	0.80	737	13.0	2.32	7.7	438	<20	<50	0.13	<1
D63518 (373147)		<1	1.15	23	21	0.79	704	12.8	2.33	7.6	427	<20	<50	0.13	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T496308

PROJECT: AGAT00700

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D63519 (373148)		<1	1.55	21	16	0.70	557	11.9	2.21	8.5	441	<20	<50	0.06	<1
D63520 (373149)		<1	1.15	23	23	0.96	706	11.4	1.94	10.9	417	<20	<50	0.24	<1
D63521 (373150)		<1	1.08	22	23	1.02	646	12.2	1.79	10.1	410	<20	<50	0.12	<1
D63522 (373151)		<1	1.03	22	18	0.64	780	11.2	2.51	5.5	431	<20	<50	0.09	1
D63523 (373152)		<1	1.06	24	22	0.80	693	11.7	2.72	11.8	670	<20	<50	0.08	<1
D63524 (373153)		<1	1.62	88	27	9.33	1610	3.6	0.97	414	2790	<20	<50	0.22	<1
D63525 (373154)		<1	1.05	23	14	0.70	695	10.1	2.54	8.2	433	<20	<50	0.12	1
D63526 (373155)		<1	0.25	3	14	4.64	1300	1.9	1.67	95.7	354	<20	<50	0.23	<1
D63527 (373156)		<1	1.05	22	13	0.93	738	8.6	2.03	12.3	447	<20	<50	0.07	<1
D63528 (373157)		<1	1.37	21	13	1.10	809	11.5	1.66	29.3	450	<20	<50	0.17	2
D63529 (373158)		<1	1.42	28	16	0.76	485	11.2	3.68	14.1	135	<20	<50	0.51	1
D63530 (373159)		<1	1.08	6	16	4.39	1250	4.1	2.48	98.2	210	<20	<50	0.07	3
D63531 (373160)		<1	0.93	6	11	4.18	1150	4.4	2.30	85.3	206	<20	<50	0.10	2
D63532 (373161)		<1	0.01	2	1	2.22	111	<0.5	0.05	<0.5	79	<20	<50	0.03	<1
D63533 (373162)		<1	0.91	3	26	3.39	1050	2.9	4.80	65.9	1230	<20	<50	0.05	2
D63534 (373163)		<1	1.58	35	23	6.18	1290	3.4	1.91	217	1390	<20	<50	0.14	<1
D63535 (373164)		<1	1.03	25	23	1.11	721	9.3	2.96	21.8	644	<20	<50	0.08	<1
D63536 (373165)		<1	2.24	64	37	8.73	1450	4.4	1.32	307	2330	<20	<50	0.25	<1
D63537 (373166)		<1	1.00	81	52	3.52	1450	11.0	3.13	92.2	1860	22	<50	0.18	<1
D63538 (373167)		<1	1.01	84	53	3.48	1430	8.3	3.20	89.0	1840	22	<50	0.17	<1
D63539 (373168)		<1	0.84	22	12	0.75	780	12.4	2.36	5.7	421	<20	<50	0.12	1
D63540 (373169)		<1	0.88	19	12	0.49	586	18.4	3.06	5.5	352	<20	<50	0.05	<1
D63541 (373170)		<1	1.00	22	18	0.63	594	14.1	2.94	5.7	420	<20	<50	0.03	2
D63542 (373171)		<1	1.16	21	21	0.58	503	10.1	3.06	7.2	469	<20	<50	0.02	1
D63543 (373172)		<1	1.02	21	14	0.70	723	11.9	2.85	5.5	426	<20	<50	0.06	2
D63544 (373173)		<1	1.23	24	19	0.87	992	11.0	2.69	9.2	508	<20	<50	0.06	2
D63545 (373174)		<1	1.59	23	20	0.91	810	11.4	2.66	8.6	427	<20	<50	0.04	<1
D63546 (373175)		<1	0.20	3	12	4.42	1380	1.6	2.32	84.8	411	<20	<50	0.16	3
D63547 (373176)		<1	0.91	26	35	1.00	519	10.1	3.39	25.1	513	<20	<50	0.08	<1
D63548 (373177)		<1	1.77	111	57	10.0	1540	2.4	0.99	539	1660	<20	<50	0.18	2
D63549 (373178)		<1	1.67	101	43	6.20	1570	5.9	1.86	239	1790	<20	<50	0.23	<1
D63550 (373179)		<1	0.94	23	19	0.73	772	12.6	2.62	11.7	402	<20	<50	0.10	<1

Certified By:



**AGAT** Laboratories

# Certificate of Analysis

AGAT WORK ORDER: 19T496308

PROJECT: AGAT00700

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Certified By:



## Certificate of Analysis

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PROJECT: AGAT00700

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D63487 (373116)	19	<10	<5	183	<10	<10	<5	0.44	<5	<50	38.7	<1	32	115
D63488 (373117)	13	<10	<5	190	<10	<10	<5	0.39	<5	<50	19.5	<1	28	103
D63489 (373118)	15	<10	<5	185	<10	<10	<5	0.40	<5	<50	16.7	<1	30	99.0
D63490 (373119)	15	<10	<5	220	<10	<10	<5	0.47	<5	<50	12.0	<1	35	110
D63491 (373120)	18	<10	<5	195	<10	<10	<5	0.49	<5	<50	34.2	<1	35	129
D63492 (373121)	<1	<10	<5	66	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	2.3
D63493 (373122)	16	<10	<5	206	<10	<10	<5	0.45	<5	<50	23.9	<1	35	113
D63494 (373123)	12	<10	<5	240	<10	<10	<5	0.40	<5	<50	11.3	<1	26	102
D63495 (373124)	9	<10	<5	222	<10	<10	<5	0.29	<5	<50	13.5	<1	21	73.1
D63496 (373125)	15	<10	<5	241	<10	<10	<5	0.47	<5	<50	20.9	<1	34	87.8
D63497 (373126)	18	<10	<5	239	<10	<10	<5	0.52	<5	<50	47.3	<1	34	94.2
D63498 (373127)	17	<10	<5	242	<10	<10	<5	0.52	<5	<50	45.7	<1	33	91.2
D63499 (373128)	5	<10	<5	293	<10	<10	17	0.16	<5	<50	12.8	<1	10	59.1
D63500 (373129)	19	<10	<5	238	<10	<10	<5	0.52	<5	<50	40.9	<1	38	108
D63501 (373130)	17	<10	<5	230	<10	<10	<5	0.47	<5	<50	30.2	<1	35	102
D63502 (373131)	15	<10	<5	218	<10	<10	<5	0.40	<5	<50	21.4	<1	38	94.7
D63503 (373132)	9	<10	<5	226	<10	<10	<5	0.18	<5	<50	18.3	<1	18	71.9
D63504 (373133)	22	<10	<5	835	<10	<10	<5	1.95	<5	<50	272	<1	23	87.0
D63505 (373134)	12	<10	<5	192	<10	<10	<5	0.24	<5	<50	27.7	<1	30	104
D63506 (373135)	46	<10	<5	105	<10	<10	<5	0.66	<5	<50	300	<1	22	75.5
D63507 (373136)	9	<10	<5	187	<10	<10	<5	0.22	<5	<50	18.7	<1	25	78.4
D63508 (373137)	8	<10	<5	180	<10	<10	<5	0.21	<5	<50	18.7	<1	19	151
D63509 (373138)	12	<10	<5	133	<10	<10	<5	0.21	<5	<50	29.1	<1	26	130
D63510 (373139)	11	<10	<5	166	<10	<10	<5	0.23	<5	<50	24.5	<1	29	114
D63511 (373140)	10	<10	<5	174	<10	<10	<5	0.23	<5	<50	18.1	<1	29	88.2
D63512 (373141)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	4.0
D63513 (373142)	11	<10	<5	156	<10	<10	<5	0.21	<5	<50	18.4	<1	33	84.8
D63514 (373143)	10	<10	<5	244	<10	<10	<5	0.34	<5	<50	34.5	<1	26	89.2
D63515 (373144)	9	<10	<5	165	<10	<10	<5	0.20	<5	<50	18.3	<1	27	78.7
D63516 (373145)	10	<10	<5	167	<10	<10	<5	0.22	<5	<50	20.4	<1	27	90.5
D63517 (373146)	11	<10	<5	177	<10	<10	<5	0.25	<5	<50	31.7	<1	29	76.8
D63518 (373147)	10	<10	<5	178	<10	<10	<5	0.25	<5	<50	31.8	<1	26	76.2

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## Certificate of Analysis

AGAT WORK ORDER: 19T496308

PROJECT: AGAT00700

5623 McADAM ROAD  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D63519 (373148)	10	<10	<5	167	<10	<10	<5	0.22	<5	<50	31.7	<1	17	29.5
D63520 (373149)	11	<10	<5	168	<10	<10	<5	0.27	<5	<50	47.8	<1	27	59.8
D63521 (373150)	12	<10	<5	164	<10	<10	<5	0.28	<5	<50	56.1	<1	24	63.6
D63522 (373151)	11	<10	<5	165	<10	<10	<5	0.22	<5	<50	18.9	<1	28	67.3
D63523 (373152)	9	<10	<5	257	<10	<10	<5	0.23	<5	<50	23.7	<1	24	67.9
D63524 (373153)	23	<10	<5	844	<10	<10	<5	2.21	<5	<50	255	<1	27	101
D63525 (373154)	10	<10	<5	186	<10	<10	<5	0.23	<5	<50	24.7	<1	25	56.9
D63526 (373155)	43	<10	<5	169	<10	<10	<5	0.60	<5	<50	268	<1	20	73.3
D63527 (373156)	12	<10	<5	179	<10	<10	<5	0.24	<5	<50	27.6	<1	25	61.7
D63528 (373157)	11	<10	<5	146	<10	<10	<5	0.22	<5	<50	29.1	<1	23	66.7
D63529 (373158)	7	<10	<5	217	<10	<10	<5	0.21	<5	<50	28.1	<1	8	61.5
D63530 (373159)	39	<10	<5	156	<10	<10	<5	0.42	<5	<50	211	<1	16	85.7
D63531 (373160)	40	<10	<5	152	<10	<10	<5	0.36	<5	<50	210	<1	15	68.9
D63532 (373161)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	2.7
D63533 (373162)	70	<10	<5	247	<10	<10	<5	0.15	<5	<50	273	<1	13	93.2
D63534 (373163)	32	<10	<5	526	<10	<10	<5	1.22	<5	<50	244	<1	21	95.1
D63535 (373164)	10	<10	<5	234	<10	<10	<5	0.31	<5	<50	37.4	<1	32	62.0
D63536 (373165)	25	<10	<5	847	<10	<10	<5	2.28	<5	<50	308	<1	27	109
D63537 (373166)	17	<10	<5	800	<10	<10	<5	1.02	<5	<50	158	<1	45	105
D63538 (373167)	16	<10	<5	803	<10	<10	<5	1.03	<5	<50	156	<1	44	102
D63539 (373168)	10	<10	<5	182	<10	<10	<5	0.22	<5	<50	25.0	<1	30	71.5
D63540 (373169)	8	<10	<5	214	<10	<10	<5	0.17	<5	<50	20.2	<1	21	58.6
D63541 (373170)	10	<10	<5	180	<10	<10	<5	0.23	<5	<50	26.5	<1	24	73.7
D63542 (373171)	7	<10	<5	172	<10	<10	<5	0.17	<5	<50	21.4	<1	18	55.8
D63543 (373172)	9	<10	<5	154	<10	<10	<5	0.22	<5	<50	19.3	<1	22	63.5
D63544 (373173)	12	<10	<5	161	<10	<10	<5	0.20	<5	<50	26.8	<1	28	87.2
D63545 (373174)	11	<10	<5	179	<10	<10	<5	0.20	<5	<50	23.2	<1	25	81.1
D63546 (373175)	47	<10	<5	110	<10	<10	<5	0.68	<5	<50	302	<1	22	75.6
D63547 (373176)	10	<10	<5	266	<10	<10	<5	0.27	<5	<50	24.8	<1	22	87.7
D63548 (373177)	19	<10	<5	716	<10	<10	<5	1.49	<5	<50	213	<1	29	228
D63549 (373178)	20	<10	<5	797	<10	<10	<5	1.30	<5	<50	232	<1	34	99.2
D63550 (373179)	10	<10	<5	166	<10	<10	<5	0.22	<5	<50	19.4	<1	28	64.5

Certified By:



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# Certificate of Analysis

AGAT WORK ORDER: 19T496308

PROJECT: AGAT00700

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T496308

PROJECT: AGAT00700

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Zr
	Unit:	ppm
	RDL:	5
D63487 (373116)		43
D63488 (373117)		64
D63489 (373118)		89
D63490 (373119)		100
D63491 (373120)		128
D63492 (373121)		<5
D63493 (373122)		139
D63494 (373123)		150
D63495 (373124)		157
D63496 (373125)		165
D63497 (373126)		98
D63498 (373127)		102
D63499 (373128)		68
D63500 (373129)		150
D63501 (373130)		124
D63502 (373131)		145
D63503 (373132)		189
D63504 (373133)		227
D63505 (373134)		190
D63506 (373135)		55
D63507 (373136)		224
D63508 (373137)		212
D63509 (373138)		194
D63510 (373139)		220
D63511 (373140)		237
D63512 (373141)		<5
D63513 (373142)		217
D63514 (373143)		219
D63515 (373144)		199
D63516 (373145)		226
D63517 (373146)		222
D63518 (373147)		206

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## Certificate of Analysis

AGAT WORK ORDER: 19T496308

PROJECT: AGAT00700

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CLIENT NAME: GOLDCORP BORDEN LIMITED

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D63519 (373148)			173
D63520 (373149)			174
D63521 (373150)			163
D63522 (373151)			194
D63523 (373152)			197
D63524 (373153)			165
D63525 (373154)			228
D63526 (373155)			50
D63527 (373156)			216
D63528 (373157)			191
D63529 (373158)			96
D63530 (373159)			63
D63531 (373160)			48
D63532 (373161)			<5
D63533 (373162)			25
D63534 (373163)			159
D63535 (373164)			189
D63536 (373165)			150
D63537 (373166)			137
D63538 (373167)			151
D63539 (373168)			193
D63540 (373169)			157
D63541 (373170)			231
D63542 (373171)			187
D63543 (373172)			205
D63544 (373173)			185
D63545 (373174)			222
D63546 (373175)			54
D63547 (373176)			140
D63548 (373177)			44
D63549 (373178)			37
D63550 (373179)			169

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# Certificate of Analysis

AGAT WORK ORDER: 19T496308

PROJECT: AGAT00700

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Comments: RDL - Reported Detection Limit

373116-373179 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

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## Certificate of Analysis

AGAT WORK ORDER: 19T496308

PROJECT: AGAT00700

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D63487 (373116)			0.002
D63488 (373117)			0.002
D63489 (373118)			0.002
D63490 (373119)			0.003
D63491 (373120)			0.002
D63492 (373121)			<0.001
D63493 (373122)			0.002
D63494 (373123)			0.002
D63495 (373124)			0.001
D63496 (373125)			0.002
D63497 (373126)			0.002
D63498 (373127)			0.002
D63499 (373128)			0.002
D63500 (373129)			0.002
D63501 (373130)			0.001
D63502 (373131)			0.001
D63503 (373132)			0.006
D63504 (373133)			0.002
D63505 (373134)			0.002
D63506 (373135)			0.526
D63507 (373136)			0.002
D63508 (373137)			0.002
D63509 (373138)			0.002
D63510 (373139)			0.002
D63511 (373140)			0.001
D63512 (373141)			<0.001
D63513 (373142)			0.001
D63514 (373143)			0.001
D63515 (373144)			0.001
D63516 (373145)			0.001
D63517 (373146)			0.001
D63518 (373147)			0.002

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## Certificate of Analysis

AGAT WORK ORDER: 19T496308

PROJECT: AGAT00700

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D63519 (373148)			0.002
D63520 (373149)			0.003
D63521 (373150)			0.001
D63522 (373151)			0.001
D63523 (373152)			0.002
D63524 (373153)			0.002
D63525 (373154)			0.002
D63526 (373155)			1.19
D63527 (373156)			0.004
D63528 (373157)			0.002
D63529 (373158)			0.003
D63530 (373159)			0.003
D63531 (373160)			0.003
D63532 (373161)			0.001
D63533 (373162)			0.003
D63534 (373163)			0.003
D63535 (373164)			0.002
D63536 (373165)			0.001
D63537 (373166)			0.001
D63538 (373167)			0.001
D63539 (373168)			<0.001
D63540 (373169)			<0.001
D63541 (373170)			0.001
D63542 (373171)			<0.001
D63543 (373172)			<0.001
D63544 (373173)			0.001
D63545 (373174)			<0.001
D63546 (373175)			0.544
D63547 (373176)			0.003
D63548 (373177)			0.001
D63549 (373178)			<0.001
D63550 (373179)			<0.001

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# Certificate of Analysis

AGAT WORK ORDER: 19T496308

PROJECT: AGAT00700

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T496308

PROJECT: AGAT00700

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D63487 (373116)		80.15
D63505 (373134)		76.68
D63523 (373152)		80.16
D63545 (373174)		77.32

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T496308

PROJECT: AGAT00700

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL: 0.01
D63487 (373116)	89.05

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	373116	< 0.5	< 0.5	0.0%	373130	< 0.5	< 0.5	0.0%	373141	< 0.5	< 0.5	0.0%	373156	0.77	0.69	11.0%
Al	373116	8.31	8.14	2.1%	373130	8.20	8.31	1.3%	373141	0.17	0.13	26.7%	373156	7.68	7.82	1.8%
As	373116	< 1	< 1	0.0%	373130	< 1	< 1	0.0%	373141	< 1	< 1	0.0%	373156	6	5	18.2%
Ba	373116	170	170	0.0%	373130	235	236	0.4%	373141	19	16	17.1%	373156	275	272	1.1%
Be	373116	1.9	2.0	5.1%	373130	1.6	1.6	0.0%	373141	< 0.5	< 0.5	0.0%	373156	1.2	1.2	0.0%
Bi	373116	< 1	< 1	0.0%	373130	< 1	< 1	0.0%	373141	< 1	< 1	0.0%	373156	< 1	< 1	0.0%
Ca	373116	5.34	4.48	17.5%	373130	3.78	3.80	0.5%	373141	32.0	32.0	0.0%	373156	3.13	3.04	2.9%
Cd	373116	< 0.5	< 0.5	0.0%	373130	< 0.5	< 0.5	0.0%	373141	< 0.5	< 0.5	0.0%	373156	< 0.5	< 0.5	0.0%
Ce	373116	50	51	2.0%	373130	51	52	1.9%	373141	< 1	< 1	0.0%	373156	49	49	0.0%
Co	373116	8.57	9.06	5.6%	373130	7.4	7.6	2.7%	373141	0.6	0.5	18.2%	373156	5.57	5.53	0.7%
Cr	373116	87.3	88.6	1.5%	373130	120	101	17.2%	373141	6.2	4.6	29.6%	373156	83.4	84.8	1.7%
Cu	373116	8.54	10.9	24.3%	373130	1.28	1.11	14.2%	373141	1.3	0.9		373156	2.46	2.24	9.4%
Fe	373116	5.13	5.15	0.4%	373130	4.89	4.79	2.1%	373141	0.15	0.12	22.2%	373156	3.85	3.89	1.0%
Ga	373116	17.0	16	6.1%	373130	15.0	15	0.0%	373141	< 5	< 5	0.0%	373156	11.0	13.0	16.7%
In	373116	< 1	< 1	0.0%	373130	< 1	< 1	0.0%	373141	< 1	< 1	0.0%	373156	< 1	< 1	0.0%
K	373116	0.626	0.612	2.3%	373130	0.874	0.884	1.1%	373141	0.02	< 0.01		373156	1.05	1.08	2.8%
La	373116	21	21	0.0%	373130	21	22	4.7%	373141	2	2	0.0%	373156	22	22	0.0%
Li	373116	9	9	0.0%	373130	16	17	6.1%	373141	1	< 1		373156	13	13	0.0%
Mg	373116	1.04	1.01	2.9%	373130	1.00	1.02	2.0%	373141	1.54	1.55	0.6%	373156	0.93	0.94	1.1%
Mn	373116	1140	1140	0.0%	373130	1170	1200	2.5%	373141	119	113	5.2%	373156	738	730	1.1%
Mo	373116	8.7	9.9	12.9%	373130	13.4	12.9	3.8%	373141	< 0.5	< 0.5	0.0%	373156	8.6	9.4	8.9%
Na	373116	2.92	2.81	3.8%	373130	2.30	2.33	1.3%	373141	0.05	0.04	22.2%	373156	2.03	1.97	3.0%
Ni	373116	11.2	11.3	0.9%	373130	7.93	8.38	5.5%	373141	< 0.5	0.7		373156	12.3	12.6	2.4%
P	373116	1180	1190	0.8%	373130	1240	1280	3.2%	373141	80	99	21.2%	373156	447	439	1.8%
Pb	373116	< 20	< 20	0.0%	373130	< 20	< 20	0.0%	373141	< 20	< 20	0.0%	373156	< 20	< 20	0.0%
Rb	373116	< 50	< 50	0.0%	373130	< 50	< 50	0.0%	373141	< 50	< 50	0.0%	373156	< 50	< 50	0.0%
S	373116	0.08	0.08	0.0%	373130	0.11	0.11	0.0%	373141	0.046	0.037	21.7%	373156	0.066	0.063	4.7%
Sb	373116	1	< 1		373130	1	< 1		373141	1	2		373156	< 1	1	
Sc	373116	19	19	0.0%	373130	17	17	0.0%	373141	< 1	< 1	0.0%	373156	12	12	0.0%
Se	373116	< 10	< 10	0.0%	373130	< 10	< 10	0.0%	373141	< 10	< 10	0.0%	373156	< 10	< 10	0.0%
Sn	373116	< 5	< 5	0.0%	373130	< 5	< 5	0.0%	373141	< 5	< 5	0.0%	373156	< 5	< 5	0.0%





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	373116	183	175	4.5%	373130	230	232	0.9%	373141	70	69	1.4%	373156	179	173	3.4%
Ta	373116	< 10	< 10	0.0%	373130	< 10	< 10	0.0%	373141	< 10	< 10	0.0%	373156	< 10	< 10	0.0%
Te	373116	< 10	< 10	0.0%	373130	< 10	< 10	0.0%	373141	< 10	< 10	0.0%	373156	< 10	< 10	0.0%
Th	373116	< 5	< 5	0.0%	373130	< 5	< 5	0.0%	373141	< 5	< 5	0.0%	373156	< 5	< 5	0.0%
Ti	373116	0.444	0.446	0.4%	373130	0.47	0.47	0.0%	373141	< 0.01	< 0.01	0.0%	373156	0.235	0.227	3.5%
Tl	373116	< 5	< 5	0.0%	373130	< 5	< 5	0.0%	373141	< 5	< 5	0.0%	373156	< 5	< 5	0.0%
U	373116	< 50	< 50	0.0%	373130	< 50	< 50	0.0%	373141	< 50	< 50	0.0%	373156	< 50	< 50	0.0%
V	373116	38.7	39.7	2.6%	373130	30.2	31.1	2.9%	373141	1.15	0.99	15.0%	373156	27.6	27.8	0.7%
W	373116	< 1	< 1	0.0%	373130	< 1	< 1	0.0%	373141	< 1	< 1	0.0%	373156	< 1	< 1	0.0%
Y	373116	32	32	0.0%	373130	35	36	2.8%	373141	2	2	0.0%	373156	25	24	4.1%
Zn	373116	115	117	1.7%	373130	102	100	2.0%	373141	3.97	3.61	9.5%	373156	61.7	65.1	5.4%
Zr	373116	43	42	2.4%	373130	124	128	3.2%	373141	< 5	< 5	0.0%	373156	216	219	1.4%

		REPLICATE #5														
Parameter	Sample ID	Original	Replicate	RPD												
Ag	373166	< 0.5	< 0.5	0.0%												
Al	373166	4.53	4.66	2.8%												
As	373166	< 1	< 1	0.0%												
Ba	373166	571	617	7.7%												
Be	373166	4.21	4.31	2.3%												
Bi	373166	< 1	< 1	0.0%												
Ca	373166	6.77	6.60	2.5%												
Cd	373166	< 0.5	< 0.5	0.0%												
Ce	373166	168	161	4.3%												
Co	373166	20.4	18.9	7.6%												
Cr	373166	163	146	11.0%												
Cu	373166	65.1	60.5	7.3%												
Fe	373166	6.11	6.00	1.8%												
Ga	373166	16.0	17	6.1%												
In	373166	< 1	< 1	0.0%												
K	373166	1.00	0.99	1.0%												
La	373166	81	81	0.0%												
Li	373166	52	52	0.0%												
Mg	373166	3.52	3.39	3.8%												
Mn	373166	1450	1410	2.8%												



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	373166	11.0	8.95	20.6%												
Na	373166	3.13	3.24	3.5%												
Ni	373166	92.2	87.8	4.9%												
P	373166	1860	1970	5.7%												
Pb	373166	22	21	4.7%												
Rb	373166	< 50	< 50	0.0%												
S	373166	0.176	0.167	5.2%												
Sb	373166	< 1	1													
Sc	373166	17	16	6.1%												
Se	373166	< 10	< 10	0.0%												
Sn	373166	< 5	< 5	0.0%												
Sr	373166	800	787	1.6%												
Ta	373166	< 10	< 10	0.0%												
Te	373166	< 10	< 10	0.0%												
Th	373166	< 5	< 5	0.0%												
Ti	373166	1.02	1.05	2.9%												
Tl	373166	< 5	< 5	0.0%												
U	373166	< 50	< 50	0.0%												
V	373166	158	155	1.9%												
W	373166	< 1	< 1	0.0%												
Y	373166	45	46	2.2%												
Zn	373166	105	102	2.9%												
Zr	373166	137	165	18.5%												

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	373116	0.002	0.001		373130	0.001	0.001	0.0%	373141	< 0.001	0.001		373156	0.004	< 0.001	
Parameter	REPLICATE #5															
	Sample ID	Original	Replicate	RPD												
Au	373166	0.001	0.001	0.0%												

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GSP5G)				CRM #3 (ref.GS6F)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	3.07	101%	90% - 110%
Al	10.95	11.5	105%	90% - 110%	8.17	8.46	104%	90% - 110%	6.96	7.29	105%	90% - 110%	4.75	5.11	108%	90% - 110%
As					26	24	92%	90% - 110%	124	123	99%	90% - 110%				
Ba	340	334	98%	90% - 110%	540	499	92%	90% - 110%	186	181	98%	90% - 110%	216	217	100%	90% - 110%
Be	2.6	2.5	94%	90% - 110%	4.0	3.7	94%	90% - 110%								
Ca	5.72	5.65	99%	90% - 110%	0.907	0.874	96%	90% - 110%	4.01	3.9	97%	90% - 110%	10	9	93%	90% - 110%
Ce	122	122	100%	90% - 110%	98	104	106%	90% - 110%	24	22	91%	90% - 110%				
Co									22.1	20.8	94%	90% - 110%	191	173	90%	90% - 110%
Cr					60.3	64.2	106%	90% - 110%					670	603	90%	90% - 110%
Cu					150	149	99%	90% - 110%	88.6	86.4	98%	90% - 110%	7120	7708	108%	90% - 110%
Fe	4.34	4.28	99%	90% - 110%	3.77	3.69	98%	90% - 110%	7.56	7.46	99%	90% - 110%	12.71	12.07	95%	90% - 110%
Ga	35	37	106%	90% - 110%												
K	1.37	1.5	109%	90% - 110%					2.021	2.146	106%	90% - 110%	0.1021	0.1082	106%	90% - 110%
La	58	58	100%	90% - 110%	44	45	102%	90% - 110%					8.47	8.05	95%	90% - 110%
Li	37	38	104%	90% - 110%	47	46	97%	90% - 110%								
Mg	0.325	0.32	98%	90% - 110%	1.10	1.12	101%	90% - 110%	2.412	2.539	105%	90% - 110%	7.41	7.75	105%	90% - 110%
Mn					780	752	96%	90% - 110%	1510	1456	96%	90% - 110%				
Mo					14	14	101%	90% - 110%								
Na	5.267	5.34	101%	90% - 110%	1.624	1.644	101%	90% - 110%	0.617	0.629	102%	90% - 110%	0.112	0.12	107%	90% - 110%
Ni					32	32	100%	90% - 110%	77.1	71.1	92%	90% - 110%	2480	2257	91%	90% - 110%
P					750	750	100%	90% - 110%	892	897	101%	90% - 110%	731	690	94%	90% - 110%
Pb					31	29	95%	90% - 110%								
S									0.348	0.354	102%	90% - 110%				
Sb					0.8	0.7	83%	90% - 110%								
Sc	1.1	1.1	100%	90% - 110%	12	13	107%	90% - 110%					21.33	21.62	101%	90% - 110%
Sr	1191	1142	96%	90% - 110%	144	144	100%	90% - 110%	92.8	87.5	94%	90% - 110%	39	38	97%	90% - 110%
Ti	0.172	0.172	100%	90% - 110%	0.53	0.48	91%	90% - 110%					0.419	0.42	100%	90% - 110%
V	8	8	103%	90% - 110%	77	78	101%	90% - 110%					158	160	101%	90% - 110%
Y	119	125	105%	90% - 110%									12.67	12.77	101%	90% - 110%
Zn	93	96	103%	90% - 110%	130	119	92%	90% - 110%	208	203	98%	90% - 110%	112	107	96%	90% - 110%
Zr													35.7	36.8	103%	90% - 110%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GSP5G)				CRM #3 (ref.GS6F)				CRM #4 (ref.GSP7M)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.27	5.52	105%	90% - 110%	0.562	0.549	98%	90% - 110%	6.87	6.75	98%	90% - 110%	0.725	0.798	110%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00700  
 SAMPLING SITE:

AGAT WORK ORDER: 19T496308  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00701

AGAT WORK ORDER: 19T496314

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jul 30, 2019

PAGES (INCLUDING COVER): 11

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



# Certificate of Analysis

AGAT WORK ORDER: 19T496314

PROJECT: AGAT00701

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D63601 (373215)		2.38
D63602 (373216)		3.01
D63603 (373217)		0.87
D63604 (373218)		1.07
D63605 (373219)		1.51
D63606 (373220)		0.07
D63607 (373221)		1.84
D63608 (373222)		2.35

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T496314

PROJECT: AGAT00701

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 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2019	DATE RECEIVED: Jul 23, 2019					DATE REPORTED: Jul 30, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Sample ID (AGAT ID)															
D63601 (373215)	0.9	6.65	<1	198	0.9	<1	2.62	<0.5	41	5.0	94.8	24.1	3.07	17	
D63602 (373216)	0.8	7.32	<1	261	0.9	<1	2.72	<0.5	43	10.1	103	18.2	3.94	19	
D63603 (373217)	<0.5	7.32	<1	389	0.8	<1	3.57	<0.5	17	34.2	154	83.8	10.2	35	
D63604 (373218)	<0.5	6.83	<1	182	1.0	<1	4.90	<0.5	20	26.8	123	42.8	8.00	28	
D63605 (373219)	<0.5	7.14	<1	109	1.2	<1	5.55	<0.5	13	35.9	106	57.1	9.85	33	
D63606 (373220)	<0.5	7.29	<1	184	0.6	<1	6.20	<0.5	16	37.1	139	126	7.77	28	
D63607 (373221)	<0.5	7.56	<1	258	0.9	<1	2.43	<0.5	36	6.8	70.5	34.4	2.54	17	
D63608 (373222)	0.5	7.33	<1	245	0.8	<1	2.31	<0.5	48	7.2	89.1	36.4	3.43	18	
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
Sample ID (AGAT ID)															
D63601 (373215)	<1	0.86	18	24	0.77	998	15.2	2.27	7.8	326	<20	<50	0.11	1	
D63602 (373216)	<1	1.19	19	35	0.93	749	13.6	2.04	12.3	406	<20	<50	0.07	<1	
D63603 (373217)	<1	2.04	9	63	2.34	1260	10.7	0.61	34.8	443	<20	<50	0.29	2	
D63604 (373218)	<1	0.68	10	29	2.13	1320	11.0	0.70	26.9	419	<20	<50	0.16	1	
D63605 (373219)	<1	0.67	6	31	2.60	1540	14.7	0.88	33.6	408	<20	<50	0.24	<1	
D63606 (373220)	<1	0.46	9	11	4.18	1270	1.5	2.42	100	836	<20	<50	0.09	2	
D63607 (373221)	<1	1.00	17	18	0.54	384	11.6	2.99	8.6	304	<20	<50	0.21	1	
D63608 (373222)	<1	1.08	22	26	0.69	582	16.8	2.57	11.3	399	<20	<50	0.44	1	
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Sample ID (AGAT ID)															
D63601 (373215)	9	<10	<5	140	<10	<10	<5	0.18	<5	<50	18.6	<1	30	72.0	
D63602 (373216)	13	<10	<5	154	<10	<10	<5	0.28	<5	<50	65.3	<1	26	72.9	
D63603 (373217)	34	<10	<5	102	<10	<10	<5	0.56	<5	<50	273	<1	30	151	
D63604 (373218)	30	<10	<5	145	<10	<10	<5	0.56	<5	<50	240	<1	27	99.1	
D63605 (373219)	39	<10	<5	126	<10	<10	<5	0.69	<5	<50	306	<1	29	121	
D63606 (373220)	34	<10	<5	249	<10	<10	<5	0.62	<5	<50	237	<1	22	88.9	
D63607 (373221)	8	<10	<5	179	<10	<10	<5	0.20	<5	<50	38.7	<1	13	48.4	
D63608 (373222)	10	<10	<5	161	<10	<10	<5	0.22	<5	<50	36.0	<1	26	61.5	

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T496314

PROJECT: AGAT00701

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D63601 (373215)	193
D63602 (373216)	177
D63603 (373217)	67
D63604 (373218)	78
D63605 (373219)	54
D63606 (373220)	82
D63607 (373221)	117
D63608 (373222)	153

Comments: RDL - Reported Detection Limit

373215-373222 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T496314

PROJECT: AGAT00701

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D63601 (373215)			0.002
D63602 (373216)			<0.001
D63603 (373217)			0.004
D63604 (373218)			<0.001
D63605 (373219)			0.001
D63606 (373220)			0.341
D63607 (373221)			0.013
D63608 (373222)			0.003

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T496314

PROJECT: AGAT00701

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

	Analyte:	Pass %
	Unit:	%
Sample ID (AGAT ID)	RDL:	0.01
D63601 (373215)		79.64

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T496314

PROJECT: AGAT00701

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Jul 30, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL:
D63601 (373215)	86.44

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	373215	0.92	0.98	6.3%	373222	0.52	0.61	15.9%								
Al	373215	6.65	6.88	3.4%	373222	7.33	7.02	4.3%								
As	373215	< 1	< 1	0.0%	373222	< 1	< 1	0.0%								
Ba	373215	198	204	3.0%	373222	245	245	0.0%								
Be	373215	0.95	1.00	5.1%	373222	0.8	0.8	0.0%								
Bi	373215	< 1	< 1	0.0%	373222	< 1	< 1	0.0%								
Ca	373215	2.62	2.44	7.1%	373222	2.31	2.26	2.2%								
Cd	373215	< 0.5	< 0.5	0.0%	373222	< 0.5	< 0.5	0.0%								
Ce	373215	41	45	9.3%	373222	48	52	8.0%								
Co	373215	5.0	5.4	7.7%	373222	7.20	7.39	2.6%								
Cr	373215	94.8	96.5	1.8%	373222	89.1	92.0	3.2%								
Cu	373215	24.1	21.7	10.5%	373222	36.4	36.3	0.3%								
Fe	373215	3.07	3.15	2.6%	373222	3.43	3.34	2.7%								
Ga	373215	17	16	6.1%	373222	18	17	5.7%								
In	373215	< 1	< 1	0.0%	373222	< 1	< 1	0.0%								
K	373215	0.861	0.887	3.0%	373222	1.08	1.04	3.8%								
La	373215	18	20	10.5%	373222	22	23	4.4%								
Li	373215	24	25	4.1%	373222	26	25	3.9%								
Mg	373215	0.767	0.668	13.8%	373222	0.69	0.67	2.9%								
Mn	373215	998	957	4.2%	373222	582	572	1.7%								
Mo	373215	15.2	18.7	20.6%	373222	16.8	16.8	0.0%								
Na	373215	2.27	2.33	2.6%	373222	2.57	2.51	2.4%								
Ni	373215	7.76	7.95	2.4%	373222	11.3	11.2	0.9%								
P	373215	326	351	7.4%	373222	399	408	2.2%								
Pb	373215	< 20	< 20	0.0%	373222	< 20	< 20	0.0%								
Rb	373215	< 50	< 50	0.0%	373222	< 50	< 50	0.0%								
S	373215	0.106	0.093	13.1%	373222	0.44	0.44	0.0%								
Sb	373215	1	1	0.0%	373222	1	1	0.0%								
Sc	373215	9	9	0.0%	373222	10	11	9.5%								
Se	373215	< 10	< 10	0.0%	373222	< 10	< 10	0.0%								
Sn	373215	< 5	< 5	0.0%	373222	< 5	< 5	0.0%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)													
	Expect	Actual	Recovery	Limits										
Al	10.95	10.62	97%	90% - 110%										
Ba	340	322	95%	90% - 110%										
Be	2.6	2.6	101%	90% - 110%										
Ca	5.72	5.43	95%	90% - 110%										
Ce	122	112	92%	90% - 110%										
Cu	7	7	107%	90% - 110%										
Fe	4.34	4.14	95%	90% - 110%										
Ga	35	35	99%	90% - 110%										
K	1.37	1.47	107%	90% - 110%										
La	58	53	92%	90% - 110%										
Li	37	38	103%	90% - 110%										
Mg	0.325	0.296	91%	90% - 110%										
Na	5.267	5.521	105%	90% - 110%										
Sc	1.1	1.1	97%	90% - 110%										
Sr	1191	1151	97%	90% - 110%										
Ti	0.172	0.159	92%	90% - 110%										
V	8	8	102%	90% - 110%										
Y	119	123	103%	90% - 110%										
Zn	93	92	99%	90% - 110%										

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GSP7M)													
	Expect	Actual	Recovery	Limits										
Au	0.725	0.735	101%	90% - 110%										

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00701  
 SAMPLING SITE:

AGAT WORK ORDER: 19T496314  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE



CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00702

AGAT WORK ORDER: 19T496317

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Aug 09, 2019

PAGES (INCLUDING COVER): 20

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T496317

PROJECT: AGAT00702

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D63609 (373233)		2.24
D63610 (373234)		2.38
D63611 (373235)		3.32
D63612 (373236)		0.55
D63613 (373237)		1.40
D63614 (373238)		2.42
D63615 (373239)		2.17
D63616 (373240)		0.69
D63617 (373241)		2.10
D63618 (373242)		2.10
D63619 (373243)		1.91
D63620 (373244)		0.77
D63621 (373245)		0.79
D63622 (373246)		2.50
D63623 (373247)		2.42
D63624 (373248)		2.48
D63625 (373249)		3.50
D63626 (373250)		0.06
D63627 (373251)		2.47
D63628 (373252)		2.83
D63629 (373253)		1.08
D63630 (373254)		1.76
D63631 (373255)		0.89
D63632 (373256)		0.59
D63633 (373257)		2.92
D63634 (373258)		2.40
D63635 (373259)		2.45
D63636 (373260)		2.69
D63637 (373261)		2.29
D63638 (373262)		2.29
D63639 (373263)		2.57

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T496317

PROJECT: AGAT00702

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D63640 (373264)		2.49
D63641 (373265)		2.47
D63642 (373266)		2.48
D63643 (373267)		2.42
D63644 (373268)		2.54
D63645 (373269)		2.51
D63646 (373270)		0.07
D63647 (373271)		1.24
D63648 (373272)		1.11
D63649 (373273)		2.54
D63650 (373274)		1.99
D63651 (373275)		2.08
D63652 (373276)		0.60
D63653 (373277)		0.92
D63654 (373278)		2.83
D63655 (373279)		2.56
D63656 (373280)		2.70
D63657 (373281)		2.22
D63658 (373282)		2.21

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T496317

PROJECT: AGAT00702

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D63609 (373233)		0.6	7.82	<1	254	0.6	<1	2.72	<0.5	26	11.3	96.7	29.1	3.34	20
D63610 (373234)		<0.5	7.91	<1	256	0.8	<1	2.74	<0.5	16	15.6	103	54.2	3.33	19
D63611 (373235)		<0.5	7.49	<1	239	0.6	<1	2.41	<0.5	26	7.8	96.6	14.8	2.46	20
D63612 (373236)		<0.5	0.06	<1	14	<0.5	<1	32.7	<0.5	<1	0.6	7.1	<0.5	0.10	6
D63613 (373237)		0.7	7.49	<1	281	0.7	<1	2.47	<0.5	50	8.2	72.2	23.3	2.92	18
D63614 (373238)		0.7	7.69	<1	294	0.9	<1	2.62	<0.5	51	7.2	105	22.1	3.19	19
D63615 (373239)		0.6	7.80	<1	279	0.8	<1	3.09	<0.5	44	8.3	56.4	19.5	3.09	19
D63616 (373240)		0.5	7.11	<1	220	0.9	<1	2.55	<0.5	58	6.6	92.3	22.1	2.66	19
D63617 (373241)		0.6	7.30	<1	271	0.8	<1	2.78	<0.5	42	10.3	72.7	29.1	3.75	18
D63618 (373242)		0.7	7.32	<1	259	0.8	<1	2.75	<0.5	44	10.4	86.6	25.4	3.59	19
D63619 (373243)		0.7	7.76	<1	336	0.9	<1	2.81	<0.5	45	7.8	65.3	39.1	3.12	18
D63620 (373244)		0.6	6.40	<1	493	1.0	<1	5.34	<0.5	64	24.2	134	57.0	5.98	19
D63621 (373245)		<0.5	2.71	<1	1050	5.9	<1	10.2	<0.5	141	48.8	304	112	6.63	15
D63622 (373246)		0.6	7.22	1	331	1.0	<1	2.32	<0.5	35	7.8	99.6	35.2	2.98	19
D63623 (373247)		0.8	7.28	<1	298	0.7	<1	2.84	<0.5	47	8.4	78.9	18.4	3.22	19
D63624 (373248)		0.9	6.84	<1	297	1.0	<1	3.24	<0.5	40	9.9	151	19.8	3.44	19
D63625 (373249)		0.8	7.58	<1	318	0.9	<1	3.09	<0.5	48	7.0	60.2	13.4	3.26	20
D63626 (373250)		0.7	7.43	<1	86	<0.5	<1	7.48	<0.5	4	42.7	156	156	7.63	18
D63627 (373251)		0.9	6.90	<1	264	1.2	<1	2.36	<0.5	41	10.6	129	40.5	3.48	19
D63628 (373252)		1.0	7.43	<1	331	0.7	<1	2.75	<0.5	44	11.1	76.8	32.1	3.88	19
D63629 (373253)		1.0	7.46	<1	265	1.0	<1	2.61	<0.5	78	10.8	113	29.4	4.18	21
D63630 (373254)		1.1	7.41	<1	467	1.0	<1	2.38	<0.5	62	8.3	92.7	35.8	4.46	20
D63631 (373255)		2.4	6.22	<1	149	1.4	<1	2.01	<0.5	22	4.8	132	30.1	2.46	12
D63632 (373256)		<0.5	0.08	<1	17	<0.5	<1	32.7	<0.5	<1	0.7	5.0	<0.5	0.11	5
D63633 (373257)		1.2	6.56	<1	372	0.9	<1	2.03	<0.5	54	8.5	101	65.6	4.17	18
D63634 (373258)		1.1	6.28	<1	307	0.8	<1	2.08	<0.5	53	9.0	96.3	51.8	3.83	19
D63635 (373259)		0.7	6.96	<1	337	0.8	<1	2.23	<0.5	52	7.3	123	61.7	3.80	18
D63636 (373260)		0.8	6.69	<1	386	0.9	<1	2.41	<0.5	70	7.6	81.5	52.7	3.62	20
D63637 (373261)		0.6	5.28	<1	772	<0.5	<1	0.76	<0.5	48	7.2	109	14.4	6.11	18
D63638 (373262)		0.6	5.42	<1	790	<0.5	<1	0.75	<0.5	40	6.0	94.0	12.6	6.44	18
D63639 (373263)		0.6	4.59	<1	331	<0.5	<1	0.30	<0.5	71	7.8	155	24.7	7.25	16
D63640 (373264)		<0.5	4.32	<1	399	<0.5	<1	0.22	<0.5	67	6.0	92.5	30.6	5.82	17

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T496317

PROJECT: AGAT00702

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D63641 (373265)		<0.5	5.35	<1	517	<0.5	<1	0.42	<0.5	58	7.3	161	7.3	7.18	16
D63642 (373266)		<0.5	5.14	<1	397	<0.5	<1	0.40	<0.5	66	8.3	113	11.8	7.66	19
D63643 (373267)		<0.5	4.51	<1	381	<0.5	<1	0.31	<0.5	65	6.2	166	15.2	5.35	17
D63644 (373268)		<0.5	5.35	<1	512	<0.5	<1	0.47	2.8	48	10.6	121	54.7	8.77	17
D63645 (373269)		0.7	5.26	<1	329	<0.5	<1	0.39	1.3	43	14.5	178	59.0	8.01	18
D63646 (373270)		<0.5	7.47	2	86	<0.5	<1	7.49	<0.5	4	42.8	162	160	7.66	19
D63647 (373271)		0.6	7.08	<1	287	0.9	<1	2.37	3.2	56	17.1	79.9	5.4	6.62	18
D63648 (373272)		0.5	7.63	<1	400	1.1	<1	2.58	1.5	54	56.5	137	7.6	6.29	18
D63649 (373273)		<0.5	5.35	<1	399	<0.5	<1	0.74	<0.5	52	24.9	114	21.1	7.67	17
D63650 (373274)		<0.5	5.88	<1	597	<0.5	<1	0.68	<0.5	58	10.6	151	11.0	7.40	19
D63651 (373275)		<0.5	6.28	<1	1030	<0.5	<1	0.89	<0.5	41	7.5	81.6	11.3	6.23	16
D63652 (373276)		<0.5	0.07	2	13	<0.5	<1	32.4	<0.5	<1	1.0	7.1	2.6	0.12	<5
D63653 (373277)		<0.5	7.23	<1	526	2.3	<1	4.40	1.1	56	23.9	297	<0.5	5.88	21
D63654 (373278)		0.7	6.50	<1	399	0.6	<1	1.37	<0.5	46	9.3	88.3	18.6	6.54	20
D63655 (373279)		0.7	5.93	<1	409	<0.5	<1	0.96	<0.5	48	7.0	142	10.1	6.10	18
D63656 (373280)		0.5	5.89	<1	362	0.6	<1	0.45	<0.5	47	14.8	73.6	32.7	7.46	19
D63657 (373281)		0.5	5.18	<1	382	<0.5	<1	0.35	<0.5	47	11.0	117	25.7	7.21	18
D63658 (373282)		0.6	5.29	<1	405	<0.5	<1	0.37	<0.5	48	11.4	86.4	29.7	7.49	19

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T496317

PROJECT: AGAT00702

5623 McADAM ROAD  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D63609 (373233)		<1	1.17	15	31	1.00	418	11.7	2.38	23.5	329	<20	<50	0.53	<1
D63610 (373234)		<1	0.95	10	25	0.83	566	10.9	2.68	24.9	231	<20	<50	0.75	1
D63611 (373235)		<1	0.90	14	24	0.67	410	12.0	2.68	11.1	281	<20	<50	0.34	<1
D63612 (373236)		3	0.01	<2	<1	2.34	57	0.8	0.03	<0.5	73	<20	<50	0.05	<1
D63613 (373237)		<1	0.95	26	19	0.52	463	8.2	2.75	9.8	405	<20	<50	0.54	<1
D63614 (373238)		<1	1.00	26	18	0.56	617	11.5	2.61	9.3	396	<20	<50	0.60	<1
D63615 (373239)		<1	1.02	22	18	0.73	524	6.6	2.77	10.0	309	<20	<50	0.59	<1
D63616 (373240)		<1	1.76	29	22	0.54	498	10.7	2.83	10.1	220	<20	<50	0.31	<1
D63617 (373241)		<1	1.07	22	17	0.77	703	8.3	2.51	17.0	392	<20	<50	0.37	<1
D63618 (373242)		<1	1.10	23	17	0.76	658	10.7	2.55	11.8	398	<20	<50	0.33	<1
D63619 (373243)		<1	1.01	24	14	0.73	465	8.2	2.77	7.8	424	<20	<50	0.57	<1
D63620 (373244)		<1	1.46	35	36	2.19	1030	9.5	2.45	63.8	1410	<20	<50	0.75	<1
D63621 (373245)		<1	1.99	76	104	6.98	1290	1.5	2.33	361	2210	<20	<50	0.15	<1
D63622 (373246)		<1	1.22	19	22	0.93	334	11.9	2.37	12.7	348	<20	<50	0.88	<1
D63623 (373247)		<1	1.28	25	22	1.29	843	8.1	1.88	14.1	477	<20	<50	1.12	<1
D63624 (373248)		<1	1.59	21	18	1.41	856	13.8	2.02	22.5	619	<20	<50	1.39	<1
D63625 (373249)		<1	1.40	25	21	1.32	1000	6.8	1.76	6.8	406	<20	<50	0.77	<1
D63626 (373250)		<1	0.25	5	13	4.44	1270	<0.5	1.66	107	333	<20	<50	0.23	<1
D63627 (373251)		<1	1.08	21	22	0.76	398	14.3	2.34	6.9	392	<20	<50	1.39	<1
D63628 (373252)		<1	1.40	23	24	1.18	750	8.3	2.06	5.5	658	<20	<50	1.48	<1
D63629 (373253)		<1	1.38	41	24	1.18	518	13.7	2.23	9.4	881	<20	<50	1.56	<1
D63630 (373254)		<1	1.45	34	23	0.86	380	10.0	2.36	11.6	424	28	<50	1.84	<1
D63631 (373255)		<1	0.55	14	7	0.14	136	22.3	2.37	8.2	100	<20	<50	1.14	4
D63632 (373256)		3	0.02	<2	<1	2.67	59	<0.5	0.04	<0.5	87	<20	<50	0.07	<1
D63633 (373257)		<1	1.15	29	17	0.69	329	11.9	2.00	7.0	235	20	<50	2.07	<1
D63634 (373258)		<1	1.24	28	29	0.95	408	9.9	1.64	11.5	373	<20	<50	1.67	<1
D63635 (373259)		<1	1.34	28	28	0.93	547	13.4	1.84	7.9	244	<20	<50	1.02	<1
D63636 (373260)		<1	1.37	36	21	1.03	565	9.4	1.57	11.2	465	<20	<50	0.71	<1
D63637 (373261)		<1	1.94	26	24	0.85	1940	19.4	0.54	5.5	99	<20	<50	0.18	<1
D63638 (373262)		<1	2.09	22	27	0.94	1950	8.3	0.54	2.7	81	<20	<50	0.18	<1
D63639 (373263)		<1	1.48	35	21	0.97	1640	16.1	0.11	5.1	218	<20	<50	0.26	<1
D63640 (373264)		<1	1.55	33	18	0.86	912	9.8	0.11	2.9	209	<20	<50	0.21	<1

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PROJECT: AGAT00702

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D63641 (373265)		<1	1.81	29	20	0.93	1510	16.8	0.13	4.5	471	<20	<50	0.08	<1
D63642 (373266)		<1	1.59	33	20	1.03	1410	9.2	0.13	3.6	416	<20	<50	0.13	<1
D63643 (373267)		<1	1.46	32	20	0.90	785	18.1	0.11	5.0	285	<20	<50	0.17	<1
D63644 (373268)		<1	1.77	25	19	1.03	1640	9.9	0.09	7.9	643	<20	<50	0.48	<1
D63645 (373269)		<1	2.06	23	27	1.56	1200	16.8	0.14	9.0	353	<20	<50	0.50	<1
D63646 (373270)		<1	0.25	5	13	4.49	1290	<0.5	1.67	108	332	<20	<50	0.23	<1
D63647 (373271)		<1	0.83	28	12	0.63	1990	7.5	1.22	1.8	552	<20	<50	0.05	<1
D63648 (373272)		<1	1.08	27	15	0.68	1760	13.6	1.34	5.1	531	<20	<50	0.06	<1
D63649 (373273)		<1	1.31	26	15	0.93	1820	9.3	0.19	12.0	588	<20	<50	0.17	<1
D63650 (373274)		<1	2.05	29	19	1.11	1750	17.3	0.30	5.5	493	<20	<50	0.09	<1
D63651 (373275)		<1	2.81	22	18	1.08	1660	8.9	0.49	10.1	534	<20	<50	0.10	<1
D63652 (373276)		3	0.01	<2	1	3.02	71	<0.5	0.04	1.4	89	<20	<50	0.05	1
D63653 (373277)		<1	2.50	32	34	3.62	906	7.7	0.38	76.9	2240	<20	<50	0.01	<1
D63654 (373278)		<1	2.17	24	28	1.52	1140	8.3	0.72	9.1	528	<20	<50	0.16	<1
D63655 (373279)		<1	2.10	25	27	1.42	1200	13.2	0.60	6.3	460	<20	<50	0.09	<1
D63656 (373280)		<1	2.52	26	16	1.04	1560	6.9	1.40	6.6	170	<20	<50	0.21	<1
D63657 (373281)		<1	2.20	25	18	1.23	1510	14.5	0.28	6.5	473	<20	<50	0.19	<1
D63658 (373282)		<1	2.31	26	18	1.26	1600	8.0	0.29	5.2	521	<20	<50	0.21	<1

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AGAT WORK ORDER: 19T496317

PROJECT: AGAT00702

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D63609 (373233)	9	<10	<5	192	<10	<10	<5	0.25	<5	<50	61.8	<1	10	67.6
D63610 (373234)	10	<10	<5	208	<10	<10	<5	0.20	<5	<50	64.2	<1	8	80.1
D63611 (373235)	9	<10	<5	182	<10	<10	<5	0.19	<5	<50	43.7	<1	11	53.3
D63612 (373236)	<1	<10	<5	65	<10	<10	<5	<0.01	<5	<50	1.9	2	2	4.3
D63613 (373237)	10	<10	<5	148	<10	<10	<5	0.25	<5	<50	36.6	<1	18	70.1
D63614 (373238)	10	<10	<5	153	<10	<10	<5	0.24	<5	<50	29.5	<1	22	63.3
D63615 (373239)	11	<10	<5	199	<10	<10	<5	0.25	<5	<50	45.4	<1	18	65.4
D63616 (373240)	8	<10	<5	134	<10	<10	<5	0.18	<5	<50	34.0	<1	13	54.7
D63617 (373241)	13	<10	<5	152	<10	<10	<5	0.28	<5	<50	61.0	<1	26	72.3
D63618 (373242)	13	<10	<5	148	<10	<10	<5	0.28	<5	<50	64.3	<1	26	69.1
D63619 (373243)	10	<10	<5	186	<10	<10	<5	0.24	<5	<50	35.7	<1	22	57.4
D63620 (373244)	20	<10	<5	381	<10	<10	<5	0.60	<5	<50	174	<1	29	112
D63621 (373245)	19	<10	<5	859	<10	<10	<5	0.79	<5	<50	186	<1	41	90.4
D63622 (373246)	8	<10	<5	181	<10	<10	<5	0.22	<5	<50	32.6	<1	9	129
D63623 (373247)	10	<10	<5	165	<10	<10	<5	0.23	<5	<50	30.3	<1	17	86.6
D63624 (373248)	13	<10	<5	147	<10	<10	<5	0.17	<5	<50	36.9	<1	17	78.8
D63625 (373249)	11	<10	<5	158	<10	<10	<5	0.21	<5	<50	24.5	<1	23	71.7
D63626 (373250)	43	<10	<5	168	<10	<10	<5	0.60	<5	<50	288	<1	20	73.6
D63627 (373251)	9	<10	<5	163	<10	<10	<5	0.20	<5	<50	33.4	<1	9	103
D63628 (373252)	13	<10	<5	147	<10	<10	<5	0.29	<5	<50	44.8	<1	14	91.1
D63629 (373253)	11	<10	<5	159	<10	<10	<5	0.27	<5	<50	40.0	<1	17	184
D63630 (373254)	8	<10	<5	237	<10	<10	<5	0.19	<5	<50	28.2	<1	13	173
D63631 (373255)	1	<10	<5	199	<10	<10	<5	0.03	<5	<50	4.4	<1	6	28.9
D63632 (373256)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	2.0	1	2	4.8
D63633 (373257)	6	<10	<5	172	<10	<10	<5	0.13	<5	<50	17.4	<1	11	135
D63634 (373258)	8	<10	<5	131	<10	<10	<5	0.19	<5	<50	28.7	<1	12	144
D63635 (373259)	7	<10	<5	147	<10	<10	<5	0.21	<5	<50	19.2	<1	11	224
D63636 (373260)	10	<10	<5	139	<10	<10	<5	0.28	<5	<50	25.5	<1	19	194
D63637 (373261)	16	<10	<5	57	<10	<10	<5	0.35	<5	<50	6.6	<1	55	218
D63638 (373262)	16	<10	<5	54	<10	<10	<5	0.41	<5	<50	6.9	<1	51	233
D63639 (373263)	11	<10	<5	8	<10	<10	<5	0.31	<5	<50	2.1	<1	55	257
D63640 (373264)	8	<10	<5	14	<10	<10	<5	0.26	<5	<50	1.3	<1	49	210

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## Certificate of Analysis

AGAT WORK ORDER: 19T496317

PROJECT: AGAT00702

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
D63641 (373265)	14	<10	<5	24	<10	<10	<5	0.28	<5	<50	2.9	<1	52	218
D63642 (373266)	13	<10	<5	13	<10	<10	<5	0.33	<5	<50	6.7	<1	39	258
D63643 (373267)	8	<10	<5	14	<10	<10	<5	0.26	<5	<50	1.3	<1	43	233
D63644 (373268)	17	<10	<5	19	<10	<10	<5	0.36	<5	<50	8.9	<1	52	348
D63645 (373269)	11	<10	<5	10	<10	<10	<5	0.25	<5	<50	13.9	<1	32	471
D63646 (373270)	43	<10	<5	169	<10	<10	<5	0.60	<5	<50	292	<1	20	74.7
D63647 (373271)	12	<10	<5	86	<10	<10	<5	0.22	<5	<50	5.9	<1	45	206
D63648 (373272)	12	<10	<5	100	<10	<10	<5	0.25	<5	<50	6.6	<1	43	188
D63649 (373273)	22	<10	<5	25	<10	<10	<5	0.28	<5	<50	10.1	<1	53	217
D63650 (373274)	18	<10	<5	55	<10	<10	<5	0.33	<5	<50	11.7	<1	44	211
D63651 (373275)	20	<10	<5	126	<10	<10	<5	0.22	<5	<50	18.5	<1	40	165
D63652 (373276)	<1	<10	<5	72	<10	<10	<5	<0.01	<5	<50	2.0	<1	2	5.5
D63653 (373277)	21	<10	<5	93	<10	<10	<5	0.46	<5	<50	178	<1	20	260
D63654 (373278)	21	<10	<5	69	<10	<10	<5	0.31	<5	<50	19.2	<1	37	291
D63655 (373279)	16	<10	<5	30	<10	<10	<5	0.27	<5	<50	16.3	<1	34	240
D63656 (373280)	9	<10	<5	23	<10	<10	<5	0.16	<5	<50	24.2	<1	24	247
D63657 (373281)	17	<10	<5	13	<10	<10	<5	0.29	<5	<50	16.3	<1	37	328
D63658 (373282)	18	<10	<5	14	<10	<10	<5	0.30	<5	<50	15.8	<1	41	339

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AGAT WORK ORDER: 19T496317

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Zr
	Unit:	ppm
	RDL:	5
D63609 (373233)		129
D63610 (373234)		71
D63611 (373235)		94
D63612 (373236)		<5
D63613 (373237)		160
D63614 (373238)		204
D63615 (373239)		152
D63616 (373240)		121
D63617 (373241)		164
D63618 (373242)		178
D63619 (373243)		175
D63620 (373244)		138
D63621 (373245)		31
D63622 (373246)		138
D63623 (373247)		180
D63624 (373248)		189
D63625 (373249)		212
D63626 (373250)		46
D63627 (373251)		166
D63628 (373252)		169
D63629 (373253)		163
D63630 (373254)		155
D63631 (373255)		454
D63632 (373256)		<5
D63633 (373257)		141
D63634 (373258)		153
D63635 (373259)		113
D63636 (373260)		154
D63637 (373261)		117
D63638 (373262)		114
D63639 (373263)		127
D63640 (373264)		85

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T496317

PROJECT: AGAT00702

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2019      DATE RECEIVED: Jul 23, 2019      DATE REPORTED: Aug 09, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D63641 (373265)				94
D63642 (373266)				83
D63643 (373267)				56
D63644 (373268)				75
D63645 (373269)				105
D63646 (373270)				45
D63647 (373271)				101
D63648 (373272)				114
D63649 (373273)				89
D63650 (373274)				109
D63651 (373275)				88
D63652 (373276)				<5
D63653 (373277)				18
D63654 (373278)				121
D63655 (373279)				88
D63656 (373280)				93
D63657 (373281)				94
D63658 (373282)				102

Comments: RDL - Reported Detection Limit  
 373233-373282 As, Sb values may be low due to digestion losses.  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T496317

PROJECT: AGAT00702

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D63609 (373233)			0.003
D63610 (373234)			0.005
D63611 (373235)			0.002
D63612 (373236)			0.001
D63613 (373237)			0.002
D63614 (373238)			0.002
D63615 (373239)			0.002
D63616 (373240)			0.001
D63617 (373241)			0.002
D63618 (373242)			0.002
D63619 (373243)			0.004
D63620 (373244)			0.002
D63621 (373245)			0.001
D63622 (373246)			0.003
D63623 (373247)			0.003
D63624 (373248)			0.005
D63625 (373249)			0.004
D63626 (373250)			1.22
D63627 (373251)			0.007
D63628 (373252)			0.006
D63629 (373253)			0.009
D63630 (373254)			0.005
D63631 (373255)			0.006
D63632 (373256)			<0.001
D63633 (373257)			0.005
D63634 (373258)			0.008
D63635 (373259)			0.027
D63636 (373260)			0.013
D63637 (373261)			0.006
D63638 (373262)			0.005
D63639 (373263)			0.008
D63640 (373264)			0.012

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T496317

PROJECT: AGAT00702

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D63641 (373265)			0.004
D63642 (373266)			0.009
D63643 (373267)			0.007
D63644 (373268)			0.059
D63645 (373269)			0.054
D63646 (373270)			1.19
D63647 (373271)			0.010
D63648 (373272)			0.014
D63649 (373273)			0.022
D63650 (373274)			0.005
D63651 (373275)			0.005
D63652 (373276)			0.001
D63653 (373277)			<0.001
D63654 (373278)			0.004
D63655 (373279)			0.014
D63656 (373280)			0.006
D63657 (373281)			0.004
D63658 (373282)			0.004

 Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T496317

PROJECT: AGAT00702

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019


SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D63609 (373233)		82.69
D63628 (373252)		79.81
D63648 (373272)		88.98

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





# Certificate of Analysis

AGAT WORK ORDER: 19T496317

PROJECT: AGAT00702

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL: 0.01
D63609 (373233)	85.23

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	373233	0.6	0.6	0.0%	373247	0.8	0.8	0.0%	373258	1.1	1.1	0.0%	373272	0.53	0.66	21.8%
Al	373233	7.82	8.05	2.9%	373247	7.28	7.14	1.9%	373258	6.28	6.69	6.3%	373272	7.63	7.45	2.4%
As	373233	< 1	< 1	0.0%	373247	< 1	< 1	0.0%	373258	< 1	< 1	0.0%	373272	< 1	< 1	0.0%
Ba	373233	254	260	2.3%	373247	298	293	1.7%	373258	307	312	1.6%	373272	400	383	4.3%
Be	373233	0.6	0.6	0.0%	373247	0.7	0.7	0.0%	373258	0.82	0.87	5.9%	373272	1.06	1.02	3.8%
Bi	373233	< 1	< 1	0.0%	373247	< 1	< 1	0.0%	373258	< 1	< 1	0.0%	373272	< 1	< 1	0.0%
Ca	373233	2.72	2.77	1.8%	373247	2.84	2.79	1.8%	373258	2.08	2.26	8.3%	373272	2.58	2.52	2.4%
Cd	373233	< 0.5	< 0.5	0.0%	373247	< 0.5	< 0.5	0.0%	373258	< 0.5	< 0.5	0.0%	373272	1.5	1.6	6.5%
Ce	373233	26	24	8.0%	373247	47	46	2.2%	373258	53	56	5.5%	373272	54	55	1.8%
Co	373233	11.3	14.4	24.1%	373247	8.4	8.0	4.9%	373258	8.98	8.51	5.4%	373272	56.5	59.2	4.7%
Cr	373233	96.7	73.2	27.7%	373247	78.9	60.0	27.2%	373258	96.3	85.6	11.8%	373272	137	104	27.4%
Cu	373233	29.1	37.0	23.9%	373247	18.4	17.9	2.8%	373258	51.8	53.7	3.6%	373272	7.6	6.7	12.6%
Fe	373233	3.34	3.72	10.8%	373247	3.22	3.15	2.2%	373258	3.83	3.86	0.8%	373272	6.29	6.21	1.3%
Ga	373233	20	21	4.9%	373247	19	19	0.0%	373258	19	18	5.4%	373272	18	20	10.5%
In	373233	< 1	< 1	0.0%	373247	< 1	< 1	0.0%	373258	< 1	< 1	0.0%	373272	< 1	< 1	0.0%
K	373233	1.17	1.22	4.2%	373247	1.28	1.26	1.6%	373258	1.24	1.23	0.8%	373272	1.08	1.06	1.9%
La	373233	15	14	6.9%	373247	25	24	4.1%	373258	28	30	6.9%	373272	27	28	3.6%
Li	373233	31	32	3.2%	373247	22	22	0.0%	373258	29	29	0.0%	373272	15	15	0.0%
Mg	373233	1.00	1.05	4.9%	373247	1.29	1.25	3.1%	373258	0.95	0.91	4.3%	373272	0.675	0.660	2.2%
Mn	373233	418	509	19.6%	373247	843	813	3.6%	373258	408	390	4.5%	373272	1760	1710	2.9%
Mo	373233	11.7	9.8	17.7%	373247	8.12	8.18	0.7%	373258	9.9	9.4	5.2%	373272	13.6	13.9	2.2%
Na	373233	2.38	2.39	0.4%	373247	1.88	1.85	1.6%	373258	1.64	1.89	14.2%	373272	1.34	1.28	4.6%
Ni	373233	23.5	30.7	26.6%	373247	14.1	13.8	2.2%	373258	11.5	9.9	15.0%	373272	5.1	5.1	0.0%
P	373233	329	346	5.0%	373247	477	463	3.0%	373258	373	335	10.7%	373272	531	572	7.4%
Pb	373233	< 20	< 20	0.0%	373247	< 20	< 20	0.0%	373258	< 20	< 20	0.0%	373272	< 20	< 20	0.0%
Rb	373233	< 50	< 50	0.0%	373247	< 50	< 50	0.0%	373258	< 50	< 50	0.0%	373272	< 50	< 50	0.0%
S	373233	0.53	0.66	21.8%	373247	1.12	1.12	0.0%	373258	1.67	1.68	0.6%	373272	0.06	0.06	0.0%
Sb	373233	< 1	< 1	0.0%	373247	< 1	< 1	0.0%	373258	< 1	< 1	0.0%	373272	< 1	< 1	0.0%
Sc	373233	9	10	10.5%	373247	10	10	0.0%	373258	8	8	0.0%	373272	12	12	0.0%
Se	373233	< 10	< 10	0.0%	373247	< 10	< 10	0.0%	373258	< 10	< 10	0.0%	373272	< 10	< 10	0.0%
Sn	373233	< 5	< 5	0.0%	373247	< 5	< 5	0.0%	373258	< 5	< 5	0.0%	373272	< 5	< 5	0.0%





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	373233	192	199	3.6%	373247	165	162	1.8%	373258	131	149	12.9%	373272	100	95	5.1%
Ta	373233	< 10	< 10	0.0%	373247	< 10	< 10	0.0%	373258	< 10	< 10	0.0%	373272	< 10	< 10	0.0%
Te	373233	< 10	< 10	0.0%	373247	< 10	< 10	0.0%	373258	< 10	< 10	0.0%	373272	< 10	< 10	0.0%
Th	373233	< 5	< 5	0.0%	373247	< 5	< 5	0.0%	373258	< 5	< 5	0.0%	373272	< 5	< 5	0.0%
Ti	373233	0.25	0.26	3.9%	373247	0.230	0.225	2.2%	373258	0.19	0.19	0.0%	373272	0.25	0.25	0.0%
Tl	373233	< 5	< 5	0.0%	373247	< 5	< 5	0.0%	373258	< 5	< 5	0.0%	373272	< 5	< 5	0.0%
U	373233	< 50	< 50	0.0%	373247	< 50	< 50	0.0%	373258	< 50	< 50	0.0%	373272	< 50	< 50	0.0%
V	373233	61.8	70.7	13.4%	373247	30.3	29.1	4.0%	373258	28.7	25.9	10.3%	373272	6.63	7.19	8.1%
W	373233	< 1	< 1	0.0%	373247	< 1	< 1	0.0%	373258	< 1	< 1	0.0%	373272	< 1	< 1	0.0%
Y	373233	10	10	0.0%	373247	17	17	0.0%	373258	12	11	8.7%	373272	43	44	2.3%
Zn	373233	67.6	72.3	6.7%	373247	86.6	86.4	0.2%	373258	144	151	4.7%	373272	188	194	3.1%
Zr	373233	129	129	0.0%	373247	180	177	1.7%	373258	153	153	0.0%	373272	114	124	8.4%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	373233	0.003	0.003	0.0%	373247	0.003	0.003	0.0%	373258	0.008	0.008	0.0%	373272	0.0139	0.0134	3.7%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GSP5G)				CRM #3 (ref.WMG-1a)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Ag									3.03	3.02	100%	90% - 110%				
Al	10.95	11.01	101%	90% - 110%	8.17	8.36	102%	90% - 110%	4.75	4.95	104%	90% - 110%				
As					26	24	94%	90% - 110%								
Ba	340	334	98%	90% - 110%	540	518	96%	90% - 110%	216	220	102%	90% - 110%				
Be	2.6	2.7	104%	90% - 110%	4.0	3.2	80%	90% - 110%								
Ca	5.72	5.79	101%	90% - 110%	0.907	0.921	102%	90% - 110%	10	10	97%	90% - 110%				
Ce	122	112	91%	90% - 110%	98	88	90%	90% - 110%								
Co									191	187	98%	90% - 110%				
Cr					60.3	64.7	107%	90% - 110%	670	624	93%	90% - 110%				
Cu	7	6	80%	90% - 110%	150	151	100%	90% - 110%	7120	7245	102%	90% - 110%				
Fe	4.34	4.28	99%	90% - 110%	3.77	3.8	101%	90% - 110%	12.71	12.5	98%	90% - 110%				
Ga	35	32	93%	90% - 110%												
K	1.37	1.44	105%	90% - 110%					0.1021	0.1097	107%	90% - 110%				
La	58	56	97%	90% - 110%	44	44	100%	90% - 110%	8.47	8.77	103%	90% - 110%				
Li	37	37	100%	90% - 110%	47	46	99%	90% - 110%								
Mg	0.325	0.308	95%	90% - 110%	1.10	1.11	101%	90% - 110%	7.41	7.52	101%	90% - 110%				
Mn					780	750	96%	90% - 110%								
Mo					14	13	91%	90% - 110%								
Na	5.267	5.387	102%	90% - 110%	1.624	1.684	104%	90% - 110%	0.112	0.119	106%	90% - 110%				
Ni					32	34	105%	90% - 110%	2480	2369	96%	90% - 110%				
P					750	710	95%	90% - 110%	731	709	97%	90% - 110%				
Pb					31	28	90%	90% - 110%								
Sc	1.1	0.9	83%	90% - 110%	12	13	106%	90% - 110%	21.33	22.7	106%	90% - 110%				
Sr	1191	1156	97%	90% - 110%	144	148	103%	90% - 110%	39	37	95%	90% - 110%				
Ti	0.172	0.168	98%	90% - 110%	0.53	0.49	92%	90% - 110%	0.419	0.418	100%	90% - 110%				
V	8	8	100%	90% - 110%	77	82	107%	90% - 110%	158	167	106%	90% - 110%				
Y	119	123	103%	90% - 110%					12.67	13.57	107%	90% - 110%				
Zn	93	90	97%	90% - 110%	130	122	94%	90% - 110%	112	107	95%	90% - 110%				
Zr									35.7	38.5	108%	90% - 110%				

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GSP5G)				CRM #3 (ref.GS6F)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	5.27	5.8	110%	90% - 110%	0.562	0.531	95%	90% - 110%	6.87	6.75	98%	90% - 110%				

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00702  
 SAMPLING SITE:

AGAT WORK ORDER: 19T496317  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00703

AGAT WORK ORDER: 19T496324

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Aug 09, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T496324

PROJECT: AGAT00703

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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 TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D64217 (373624)		0.95
D64218 (373625)		0.95
D64219 (373626)		1.62
D64220 (373627)		1.52
D64221 (373628)		0.99
D64222 (373629)		1.02
D64223 (373630)		1.67
D64224 (373631)		0.74
D64225 (373632)		1.09
D64226 (373633)		0.07
D64227 (373634)		1.22
D64228 (373635)		1.75
D64229 (373636)		1.62
D64230 (373637)		1.56
D64231 (373638)		1.43
D64232 (373639)		0.62
D64233 (373640)		0.54
D64234 (373641)		0.92
D64235 (373642)		0.86
D64236 (373643)		1.15
D64237 (373644)		1.54
D64238 (373645)		1.54
D64239 (373646)		0.68
D64240 (373647)		1.39
D64241 (373648)		2.41
D64242 (373649)		2.34
D64243 (373650)		2.34
D64244 (373651)		1.22
D64245 (373652)		1.53
D64246 (373653)		0.07
D64247 (373654)		2.27

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T496324

PROJECT: AGAT00703

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D64248 (373655)		1.97
D64249 (373656)		2.16
D64250 (373657)		1.43
D64251 (373658)		1.19
D64252 (373659)		0.63
D64253 (373660)		2.01
D64254 (373661)		2.29
D64255 (373662)		2.20
D64256 (373663)		2.34
D64257 (373664)		2.31
D64258 (373665)		2.31
D64259 (373666)		1.77
D64260 (373667)		2.04
D64261 (373668)		2.12
D64262 (373669)		1.52
D64263 (373670)		0.72
D64264 (373671)		1.39
D64265 (373672)		2.56
D64266 (373673)		0.07
D64267 (373674)		2.16
D64268 (373675)		2.55
D64269 (373676)		2.42
D64270 (373677)		0.97
D64271 (373678)		2.71
D64272 (373679)		0.53
D64273 (373680)		0.84
D64274 (373681)		0.61
D64275 (373682)		1.23
D64276 (373683)		0.71
D64277 (373684)		0.74
D64278 (373685)		0.74

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T496324

PROJECT: AGAT00703

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 22, 2019      DATE RECEIVED: Jul 23, 2019      DATE REPORTED: Aug 09, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D64279 (373686)		0.97
D64280 (373687)		1.65
D64281 (373688)		0.66
D64282 (373689)		0.55
D64283 (373690)		0.76
D64284 (373691)		2.18
D64285 (373692)		1.55
D64286 (373693)		0.07
D64287 (373694)		2.09
D64288 (373695)		1.60

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T496324

PROJECT: AGAT00703

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
D64217 (373624)		3.5	3.86	<1	233	0.7	<1	0.98	<0.5	22	17.6	18.0	67.6	13.5	57
D64218 (373625)		3.1	4.15	<1	216	0.8	<1	1.10	<0.5	25	15.7	17.6	64.4	11.8	50
D64219 (373626)		0.6	8.04	<1	408	1.0	<1	1.87	<0.5	57	0.9	10.1	8.6	3.32	21
D64220 (373627)		0.8	8.56	<1	349	1.1	<1	1.11	0.7	43	0.5	8.6	48.5	13.4	55
D64221 (373628)		1.1	9.03	<1	291	1.0	<1	1.76	0.9	63	1.5	5.3	60.9	12.0	49
D64222 (373629)		<0.5	8.68	<1	1460	0.8	<1	1.30	<0.5	93	<0.5	6.7	17.7	4.15	22
D64223 (373630)		<0.5	7.66	<1	310	1.2	<1	1.76	<0.5	49	6.6	167	20.2	7.72	32
D64224 (373631)		0.6	6.05	<1	252	1.1	<1	1.70	<0.5	28	2.5	11.8	10.1	4.13	19
D64225 (373632)		<0.5	5.72	<1	368	1.0	<1	1.02	<0.5	51	10.8	10.2	28.7	8.21	29
D64226 (373633)		<0.5	7.51	<1	147	0.8	<1	6.91	<0.5	4	41.5	158	152	8.34	34
D64227 (373634)		<0.5	7.88	<1	269	1.2	<1	4.24	<0.5	55	4.6	7.9	<0.5	5.30	26
D64228 (373635)		<0.5	8.43	1	243	1.2	<1	5.69	<0.5	65	6.7	9.7	<0.5	6.35	29
D64229 (373636)		<0.5	8.69	<1	268	1.3	<1	4.26	<0.5	55	4.3	7.5	<0.5	5.73	29
D64230 (373637)		<0.5	8.21	<1	254	1.7	<1	5.12	<0.5	60	4.1	6.6	<0.5	5.53	27
D64231 (373638)		<0.5	8.25	<1	316	1.3	<1	4.40	<0.5	55	4.7	16.5	<0.5	5.62	28
D64232 (373639)		<0.5	0.09	<1	17	<0.5	<1	31.8	<0.5	<1	<0.5	<0.5	<0.5	0.13	<5
D64233 (373640)		<0.5	7.97	<1	552	1.0	<1	4.26	<0.5	43	12.7	314	10.7	6.71	33
D64234 (373641)		0.9	5.65	<1	309	0.8	<1	2.04	<0.5	25	9.9	101	34.7	6.05	22
D64235 (373642)		0.8	5.81	1	186	1.6	<1	1.06	<0.5	41	17.4	14.2	62.9	10.0	34
D64236 (373643)		<0.5	6.31	2	315	2.2	<1	1.96	<0.5	71	12.0	67.5	38.9	5.66	24
D64237 (373644)		<0.5	3.80	<1	926	4.8	<1	10.3	<0.5	223	49.6	404	106	9.82	41
D64238 (373645)		<0.5	3.82	<1	886	4.8	<1	10.1	<0.5	224	49.9	405	104	9.81	40
D64239 (373646)		0.5	3.99	<1	218	0.9	<1	0.78	<0.5	25	11.9	39.4	48.7	8.94	29
D64240 (373647)		0.5	4.65	<1	249	1.0	<1	0.65	<0.5	40	19.1	12.0	61.8	10.8	37
D64241 (373648)		0.8	6.42	<1	260	1.4	<1	1.33	<0.5	38	8.7	11.1	68.1	10.9	39
D64242 (373649)		0.6	5.95	<1	303	0.9	<1	1.07	<0.5	40	11.6	9.7	74.5	11.6	40
D64243 (373650)		<0.5	7.02	<1	234	1.2	<1	1.19	<0.5	35	11.4	12.8	50.1	8.35	32
D64244 (373651)		0.9	7.65	<1	279	1.2	<1	1.70	<0.5	42	16.2	11.5	52.3	8.65	35
D64245 (373652)		0.7	7.87	<1	359	1.3	<1	3.21	<0.5	39	12.2	77.1	29.4	5.83	27
D64246 (373653)		0.6	6.78	25	199	0.7	<1	5.77	0.7	6	35.5	245	141	6.94	29
D64247 (373654)		0.5	6.22	<1	250	1.0	<1	1.66	<0.5	50	14.6	33.4	40.7	5.34	23
D64248 (373655)		0.5	8.31	<1	211	0.9	<1	3.60	<0.5	37	17.4	14.0	37.6	6.65	30

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T496324

PROJECT: AGAT00703

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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D64249 (373656)		<0.5	9.04	<1	245	1.1	<1	3.58	<0.5	27	18.9	10.5	28.7	7.05	34
D64250 (373657)		0.6	8.48	<1	323	1.1	<1	3.14	<0.5	36	13.1	14.4	51.8	7.76	35
D64251 (373658)		0.9	6.06	<1	177	1.0	<1	1.78	<0.5	45	10.6	17.7	64.7	7.91	29
D64252 (373659)		<0.5	0.08	<1	14	<0.5	<1	31.5	<0.5	<1	0.5	0.5	<0.5	0.12	<5
D64253 (373660)		0.5	5.20	<1	248	<0.5	<1	0.94	<0.5	54	11.1	16.9	58.9	7.66	28
D64254 (373661)		<0.5	4.92	<1	229	0.5	<1	0.90	<0.5	48	23.3	19.9	63.4	8.65	30
D64255 (373662)		<0.5	5.74	<1	178	1.8	<1	1.41	<0.5	59	10.9	34.0	44.1	6.29	25
D64256 (373663)		<0.5	6.86	<1	211	1.2	<1	1.59	<0.5	55	21.5	14.4	73.2	7.82	32
D64257 (373664)		<0.5	8.27	<1	266	1.1	<1	3.53	<0.5	36	23.3	58.3	51.7	5.98	27
D64258 (373665)		<0.5	8.20	<1	298	1.0	<1	3.36	<0.5	34	26.9	57.1	53.3	6.30	29
D64259 (373666)		<0.5	8.50	<1	393	0.9	<1	2.89	<0.5	25	33.2	171	99.0	7.55	34
D64260 (373667)		<0.5	7.10	<1	57	0.6	<1	5.59	<0.5	30	51.4	497	36.7	7.61	31
D64261 (373668)		<0.5	8.33	<1	390	1.4	<1	3.33	<0.5	26	25.3	147	132	6.85	29
D64262 (373669)		<0.5	7.54	<1	64	1.2	<1	6.38	<0.5	31	45.6	420	43.0	7.62	30
D64263 (373670)		0.7	7.73	<1	527	2.4	<1	4.11	<0.5	38	35.4	208	121	7.39	31
D64264 (373671)		<0.5	7.80	<1	296	10.1	<1	2.71	<0.5	19	6.3	91.0	21.3	2.28	18
D64265 (373672)		<0.5	4.70	<1	130	1.2	<1	3.39	<0.5	14	76.4	1190	80.9	9.04	32
D64266 (373673)		<0.5	7.96	<1	194	1.3	<1	6.56	<0.5	16	38.1	161	109	8.14	37
D64267 (373674)		<0.5	4.71	<1	27	0.8	<1	3.90	<0.5	16	87.0	1240	180	9.62	31
D64268 (373675)		<0.5	5.33	<1	21	1.0	<1	5.22	<0.5	17	81.6	902	188	8.76	29
D64269 (373676)		<0.5	5.03	<1	52	0.9	<1	5.68	<0.5	13	83.4	940	114	8.55	30
D64270 (373677)		<0.5	7.13	<1	520	1.3	<1	3.84	<0.5	44	42.5	341	18.0	7.07	29
D64271 (373678)		<0.5	6.52	<1	1100	1.6	<1	5.56	<0.5	35	53.4	645	55.2	7.14	30
D64272 (373679)		<0.5	0.08	<1	17	<0.5	<1	32.9	<0.5	<1	<0.5	1.8	<0.5	0.09	<5
D64273 (373680)		<0.5	8.29	<1	1160	2.0	<1	2.93	<0.5	60	5.5	15.1	53.6	1.99	21
D64274 (373681)		<0.5	7.49	<1	1050	1.8	<1	5.43	<0.5	133	34.9	178	71.1	6.94	34
D64275 (373682)		<0.5	7.86	<1	602	1.4	<1	2.83	<0.5	52	11.0	19.2	102	3.66	23
D64276 (373683)		<0.5	5.69	<1	77	0.7	<1	6.65	<0.5	10	88.8	1220	215	9.78	40
D64277 (373684)		<0.5	4.81	<1	210	0.7	<1	3.37	<0.5	14	39.9	525	36.9	6.49	26
D64278 (373685)		<0.5	4.81	<1	213	0.6	<1	3.38	<0.5	12	39.7	527	37.2	6.56	26
D64279 (373686)		<0.5	8.14	<1	305	0.9	<1	2.71	<0.5	56	4.6	9.0	54.6	4.14	29
D64280 (373687)		0.7	7.80	<1	262	1.2	<1	2.28	<0.5	57	5.4	6.9	30.7	3.28	24

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T496324

PROJECT: AGAT00703

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2019	DATE RECEIVED: Jul 23, 2019							DATE REPORTED: Aug 09, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D64281 (373688)	<0.5	7.11	<1	502	1.2	<1	5.08	<0.5	47	20.1	147	2.8	5.31	27	
D64282 (373689)	1.3	6.36	<1	846	0.9	<1	1.80	<0.5	14	7.4	21.5	54.2	2.22	16	
D64283 (373690)	2.3	4.90	<1	485	0.6	<1	1.27	<0.5	6	13.3	30.7	153	4.58	24	
D64284 (373691)	0.8	6.09	<1	1880	0.6	<1	0.90	<0.5	8	<0.5	9.7	5.6	1.41	14	
D64285 (373692)	2.7	6.39	1	815	0.9	<1	1.65	<0.5	9	<0.5	21.0	<0.5	2.79	24	
D64286 (373693)	<0.5	7.70	3	89	0.7	<1	7.47	0.5	4	39.5	151	164	7.74	34	
D64287 (373694)	3.4	4.30	<1	461	0.8	<1	1.40	<0.5	15	18.1	22.4	230	9.59	45	
D64288 (373695)	7.7	1.82	<1	443	0.7	<1	1.55	<0.5	12	62.1	22.0	233	7.81	30	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D64217 (373624)		<1	1.20	12	24	0.68	404	4.7	1.15	7.9	49	<20	<50	4.96	2
D64218 (373625)		<1	1.06	13	21	0.58	375	3.7	1.34	7.8	77	<20	<50	4.24	2
D64219 (373626)		<1	1.63	28	20	0.68	208	2.0	3.06	1.5	147	<20	<50	0.80	<1
D64220 (373627)		<1	3.75	21	67	3.28	553	4.7	2.10	6.6	112	<20	<50	3.68	1
D64221 (373628)		<1	1.83	30	31	0.97	270	4.5	3.40	9.0	160	20	<50	3.80	3
D64222 (373629)		<1	4.40	44	17	0.76	212	1.5	2.86	2.5	190	42	<50	1.36	1
D64223 (373630)		<1	2.74	22	51	2.91	496	2.3	2.15	39.5	653	<20	<50	2.00	3
D64224 (373631)		<1	1.31	13	28	1.62	223	1.9	1.77	6.5	221	<20	<50	1.18	1
D64225 (373632)		<1	1.48	22	39	1.82	445	2.7	1.52	5.3	517	<20	<50	2.51	1
D64226 (373633)		<1	0.20	3	12	4.56	1430	1.4	2.26	89.0	407	<20	<50	0.17	1
D64227 (373634)		<1	0.54	23	18	1.06	1140	2.9	1.18	<0.5	924	<20	<50	0.20	<1
D64228 (373635)		<1	0.68	27	22	0.93	1210	2.6	1.12	<0.5	1330	<20	<50	0.22	<1
D64229 (373636)		<1	0.64	23	19	0.87	1070	2.4	1.54	<0.5	1050	<20	<50	0.25	1
D64230 (373637)		<1	0.58	25	17	0.80	1190	2.2	1.58	<0.5	1010	<20	<50	0.40	<1
D64231 (373638)		<1	0.61	22	12	0.91	1190	2.7	1.31	1.5	960	<20	<50	0.26	2
D64232 (373639)		<1	0.03	2	<1	3.39	154	<0.5	0.04	<0.5	85	<20	<50	0.03	<1
D64233 (373640)		<1	2.31	19	103	5.38	1490	27.5	1.64	55.8	936	<20	<50	2.20	1
D64234 (373641)		<1	0.86	12	19	1.26	205	5.4	1.79	18.1	287	<20	<50	2.74	1
D64235 (373642)		<1	0.60	20	41	0.95	326	3.4	2.37	22.1	314	<20	<50	5.02	2
D64236 (373643)		<1	1.15	33	47	1.37	395	3.6	2.99	39.5	743	<20	<50	2.84	<1
D64237 (373644)		<1	1.92	106	24	8.34	1770	5.3	1.47	297	3780	<20	<50	0.63	<1
D64238 (373645)		<1	1.89	112	23	8.29	1750	4.8	1.50	292	3860	<20	<50	0.64	<1
D64239 (373646)		<1	0.94	13	21	1.17	257	4.4	1.29	16.8	183	<20	<50	3.53	2
D64240 (373647)		<1	1.10	19	24	1.28	300	4.8	0.99	19.3	639	<20	<50	4.53	3
D64241 (373648)		<1	1.11	18	30	1.65	406	5.5	1.96	17.9	675	<20	<50	4.08	2
D64242 (373649)		<1	0.77	18	43	1.59	487	8.5	1.46	19.6	668	<20	<50	4.20	2
D64243 (373650)		<1	0.45	16	62	1.81	678	5.0	1.47	11.0	766	<20	<50	3.68	1
D64244 (373651)		<1	0.56	19	46	1.75	626	2.9	1.90	11.2	766	<20	<50	4.21	2
D64245 (373652)		<1	1.11	18	44	1.81	501	2.6	2.04	24.0	569	<20	<50	3.61	2
D64246 (373653)		<1	0.46	4	20	4.57	1140	3.8	1.94	118	345	<20	<50	0.52	2
D64247 (373654)		<1	0.51	22	59	1.62	479	3.3	1.14	11.2	556	<20	<50	3.42	1
D64248 (373655)		<1	0.76	16	19	1.49	531	2.7	2.19	13.0	574	<20	<50	3.35	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T496324

PROJECT: AGAT00703

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D64249 (373656)		<1	0.89	13	39	2.65	1070	2.2	1.92	12.8	647	<20	<50	2.48	2
D64250 (373657)		<1	0.96	17	34	2.15	800	2.4	2.06	15.5	722	<20	<50	4.22	<1
D64251 (373658)		<1	0.40	20	26	1.11	564	3.7	1.47	18.8	392	<20	<50	3.86	2
D64252 (373659)		<1	0.01	2	1	2.48	123	<0.5	0.04	0.5	98	<20	<50	0.05	<1
D64253 (373660)		<1	0.49	24	21	0.72	295	2.8	0.88	19.0	515	<20	<50	3.37	1
D64254 (373661)		<1	0.39	21	24	0.87	380	3.2	0.94	21.0	480	<20	<50	4.56	1
D64255 (373662)		<1	0.40	26	64	1.66	814	3.2	0.91	14.5	605	<20	<50	3.69	1
D64256 (373663)		<1	0.66	25	63	1.15	439	3.1	1.72	18.1	691	<20	<50	5.04	2
D64257 (373664)		<1	0.91	16	45	3.03	1100	3.0	1.52	39.0	613	<20	<50	2.64	2
D64258 (373665)		<1	0.96	15	47	3.03	1000	2.5	1.61	39.5	629	<20	<50	2.93	1
D64259 (373666)		<1	0.67	12	71	3.48	583	2.1	1.77	119	720	<20	<50	3.49	<1
D64260 (373667)		<1	0.47	13	47	8.29	1490	1.4	1.25	396	1000	<20	<50	0.94	2
D64261 (373668)		<1	1.59	12	33	2.67	525	2.4	2.64	131	910	<20	<50	2.66	1
D64262 (373669)		<1	0.57	13	49	7.01	1470	1.6	1.73	312	1050	<20	<50	0.95	2
D64263 (373670)		<1	1.55	15	81	3.56	697	2.3	3.38	138	1340	<20	<50	3.10	2
D64264 (373671)		<1	1.32	8	23	1.50	307	1.5	2.44	67.1	557	<20	<50	0.56	<1
D64265 (373672)		<1	0.74	7	53	11.9	1570	1.3	1.08	922	634	<20	<50	0.62	6
D64266 (373673)		<1	0.46	9	11	4.61	1390	1.9	2.40	107	885	<20	<50	0.12	<1
D64267 (373674)		<1	0.18	8	24	13.4	1340	1.4	0.69	1030	711	<20	<50	0.83	5
D64268 (373675)		<1	0.10	8	19	12.0	1430	1.2	0.82	842	662	<20	<50	0.68	4
D64269 (373676)		<1	0.10	7	14	12.0	1340	1.1	0.80	856	570	<20	<50	0.47	5
D64270 (373677)		<1	0.11	22	79	7.82	1030	1.2	1.61	146	1270	<20	<50	0.07	3
D64271 (373678)		<1	0.19	16	42	8.26	1150	0.7	1.34	427	947	<20	<50	0.31	3
D64272 (373679)		<1	0.01	2	<1	2.06	122	<0.5	0.04	1.0	96	<20	<50	0.04	1
D64273 (373680)		<1	0.23	28	27	1.21	292	0.9	2.78	22.8	933	21	<50	0.22	<1
D64274 (373681)		<1	0.73	63	40	5.80	1320	1.3	1.37	134	2750	<20	<50	0.49	<1
D64275 (373682)		<1	1.26	23	16	1.11	299	2.4	2.27	37.6	621	<20	<50	1.58	<1
D64276 (373683)		<1	1.53	6	58	9.66	2420	1.5	0.72	1130	513	<20	<50	3.23	6
D64277 (373684)		<1	1.68	7	60	5.27	1050	2.5	1.15	480	285	<20	<50	1.67	3
D64278 (373685)		<1	1.67	6	59	5.34	1060	2.7	1.15	463	284	<20	<50	1.72	4
D64279 (373686)		<1	1.29	24	18	1.17	495	2.2	2.62	24.4	885	<20	<50	1.31	2
D64280 (373687)		<1	1.33	25	16	0.85	508	2.1	2.66	1.6	538	<20	<50	0.76	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T496324

PROJECT: AGAT00703

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D64281 (373688)		<1	1.71	22	25	3.45	1030	1.4	2.23	69.1	1530	<20	<50	0.21	<1
D64282 (373689)		<1	1.75	7	6	0.28	152	1.9	2.80	35.9	42	<20	<50	0.94	<1
D64283 (373690)		<1	0.94	4	2	0.02	93	2.7	2.05	13.6	35	<20	<50	1.66	<1
D64284 (373691)		<1	3.13	4	3	0.07	102	1.6	2.08	1.5	36	<20	<50	0.10	1
D64285 (373692)		<1	1.44	4	2	0.04	168	1.2	2.56	1.4	43	<20	<50	0.02	1
D64286 (373693)		<1	0.25	3	14	4.67	1350	2.0	1.69	98.1	357	<20	<50	0.25	<1
D64287 (373694)		<1	0.73	6	4	0.06	324	6.2	1.79	8.0	35	<20	<50	1.93	<1
D64288 (373695)		<1	0.22	<2	4	0.04	219	3.8	0.78	7.8	50	<20	<50	3.24	2

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D64217 (373624)	8	<10	<5	74	<10	<10	<5	0.38	<5	<50	36.2	<1	5	196
D64218 (373625)	7	<10	<5	86	<10	<10	<5	0.32	<5	<50	29.9	<1	5	210
D64219 (373626)	5	<10	<5	183	<10	<10	<5	0.18	<5	<50	9.7	<1	7	132
D64220 (373627)	19	<10	5	102	<10	<10	<5	0.62	<5	<50	52.0	<1	10	504
D64221 (373628)	10	<10	<5	165	<10	12	<5	0.31	<5	<50	26.6	<1	12	163
D64222 (373629)	8	<10	<5	194	<10	<10	18	0.21	<5	<50	17.0	<1	10	118
D64223 (373630)	20	<10	<5	92	<10	<10	<5	0.46	<5	<50	70.2	<1	11	264
D64224 (373631)	9	<10	<5	77	<10	<10	<5	0.29	<5	<50	30.8	<1	6	91.6
D64225 (373632)	12	<10	<5	69	<10	<10	<5	0.34	<5	<50	54.7	<1	12	111
D64226 (373633)	47	<10	<5	108	<10	<10	<5	0.68	<5	<50	305	<1	22	82.3
D64227 (373634)	14	<10	<5	153	<10	<10	<5	0.36	<5	<50	14.2	<1	36	94.1
D64228 (373635)	15	<10	<5	215	<10	<10	<5	0.38	<5	<50	8.7	<1	43	96.4
D64229 (373636)	14	<10	<5	184	<10	<10	<5	0.37	<5	<50	7.0	<1	35	105
D64230 (373637)	15	<10	<5	183	<10	<10	<5	0.31	<5	<50	7.0	<1	39	87.6
D64231 (373638)	15	<10	<5	206	<10	<10	<5	0.36	<5	<50	10.2	<1	37	90.3
D64232 (373639)	<1	<10	<5	66	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	5.2
D64233 (373640)	49	<10	<5	118	<10	<10	<5	0.36	<5	<50	197	<1	26	235
D64234 (373641)	13	<10	<5	154	<10	<10	<5	0.16	<5	<50	61.2	<1	7	69.6
D64235 (373642)	13	<10	<5	143	<10	12	<5	0.07	<5	<50	36.3	<1	8	89.7
D64236 (373643)	10	<10	<5	309	<10	<10	<5	0.25	<5	<50	53.4	<1	14	80.4
D64237 (373644)	22	<10	<5	1290	<10	<10	<5	1.46	<5	<50	248	<1	35	128
D64238 (373645)	22	<10	<5	1280	<10	<10	<5	1.47	<5	<50	243	<1	35	126
D64239 (373646)	11	<10	<5	127	<10	<10	<5	0.17	<5	<50	27.1	<1	5	106
D64240 (373647)	16	<10	<5	82	<10	14	<5	0.18	<5	<50	31.5	<1	8	114
D64241 (373648)	16	<10	<5	162	<10	10	<5	0.18	<5	<50	27.8	<1	8	113
D64242 (373649)	16	<10	<5	119	<10	12	<5	0.14	<5	<50	31.1	<1	8	106
D64243 (373650)	13	<10	<5	124	<10	<10	<5	0.11	<5	<50	22.8	<1	8	123
D64244 (373651)	14	<10	<5	197	<10	<10	<5	0.13	<5	<50	25.0	<1	10	126
D64245 (373652)	16	<10	<5	232	<10	<10	<5	0.22	<5	<50	50.1	<1	18	105
D64246 (373653)	36	<10	<5	96	<10	<10	<5	0.52	<5	<50	235	<1	17	79.9
D64247 (373654)	14	<10	<5	147	<10	<10	<5	0.12	<5	<50	34.2	<1	14	51.5
D64248 (373655)	15	<10	<5	172	<10	<10	<5	0.19	<5	<50	112	<1	15	101

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T496324

PROJECT: AGAT00703

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ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D64249 (373656)	20	<10	<5	154	<10	<10	<5	0.35	<5	<50	175	<1	17	232
D64250 (373657)	17	<10	<5	173	<10	<10	<5	0.28	<5	<50	101	<1	17	218
D64251 (373658)	10	<10	<5	130	<10	<10	<5	0.12	<5	<50	31.5	<1	10	102
D64252 (373659)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	3.2
D64253 (373660)	9	<10	<5	87	<10	<10	<5	0.12	<5	<50	26.2	<1	11	82.4
D64254 (373661)	10	<10	<5	81	<10	<10	<5	0.12	<5	<50	27.6	<1	12	117
D64255 (373662)	10	<10	<5	87	<10	<10	<5	0.15	<5	<50	28.9	<1	14	108
D64256 (373663)	8	<10	<5	150	<10	<10	<5	0.10	<5	<50	29.6	<1	13	79.3
D64257 (373664)	21	<10	<5	148	<10	<10	<5	0.20	<5	<50	132	<1	16	233
D64258 (373665)	21	<10	<5	146	<10	<10	<5	0.22	<5	<50	131	<1	15	215
D64259 (373666)	24	<10	<5	157	<10	<10	<5	0.20	<5	<50	160	<1	13	69.7
D64260 (373667)	26	<10	<5	76	<10	<10	<5	0.29	<5	<50	164	<1	18	101
D64261 (373668)	20	<10	<5	263	<10	<10	<5	0.41	<5	<50	138	<1	15	93.7
D64262 (373669)	27	<10	<5	94	<10	<10	<5	0.39	<5	<50	173	<1	20	112
D64263 (373670)	24	<10	<5	324	<10	<10	<5	0.42	<5	<50	159	<1	53	143
D64264 (373671)	15	<10	<5	385	<10	<10	<5	0.16	<5	<50	53.5	<1	8	88.3
D64265 (373672)	20	<10	<5	36	<10	<10	<5	0.39	<5	<50	127	<1	15	137
D64266 (373673)	35	<10	<5	249	<10	<10	<5	0.88	<5	<50	238	<1	22	92.7
D64267 (373674)	17	<10	<5	27	<10	<10	<5	0.39	<5	<50	124	<1	12	107
D64268 (373675)	19	<10	<5	52	<10	<10	<5	0.40	<5	<50	125	<1	13	95.6
D64269 (373676)	20	<10	<5	80	<10	<10	<5	0.36	<5	<50	127	<1	12	78.8
D64270 (373677)	25	<10	<5	1160	<10	<10	<5	0.16	<5	<50	157	<1	18	92.7
D64271 (373678)	23	<10	<5	989	<10	<10	<5	0.33	<5	<50	157	<1	15	95.1
D64272 (373679)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	2.0
D64273 (373680)	6	<10	<5	1140	<10	<10	<5	0.10	<5	<50	40.9	<1	7	49.7
D64274 (373681)	28	<10	<5	903	<10	<10	<5	0.44	<5	<50	159	<1	28	113
D64275 (373682)	20	<10	<5	512	<10	<10	<5	0.21	<5	<50	16.7	<1	10	168
D64276 (373683)	19	<10	<5	61	<10	<10	<5	0.46	<5	<50	128	<1	16	645
D64277 (373684)	13	<10	<5	58	<10	<10	<5	0.31	<5	<50	73.7	<1	8	202
D64278 (373685)	13	<10	<5	58	<10	<10	<5	0.31	<5	<50	73.7	<1	8	206
D64279 (373686)	28	<10	<5	155	<10	<10	<5	0.33	<5	<50	14.2	<1	16	205
D64280 (373687)	17	<10	<5	144	<10	<10	<5	0.34	<5	<50	10.3	<1	12	111

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T496324

PROJECT: AGAT00703

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
D64281 (373688)	28	<10	<5	187	<10	<10	<5	0.34	<5	<50	85.9	<1	15	138
D64282 (373689)	3	<10	<5	192	<10	<10	<5	0.02	<5	<50	8.6	<1	3	23.3
D64283 (373690)	<1	<10	<5	155	<10	<10	<5	0.03	<5	<50	6.9	<1	2	53.3
D64284 (373691)	1	<10	<5	193	<10	<10	<5	0.03	<5	<50	6.2	<1	2	23.5
D64285 (373692)	1	<10	<5	214	<10	<10	<5	0.05	<5	<50	9.6	<1	3	75.6
D64286 (373693)	44	<10	<5	171	<10	<10	<5	0.61	<5	<50	278	<1	20	78.8
D64287 (373694)	2	<10	<5	153	<10	<10	<5	0.11	<5	<50	23.0	<1	9	162
D64288 (373695)	3	<10	<5	105	<10	<10	12	0.05	<5	<50	13.9	<1	27	103

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AGAT WORK ORDER: 19T496324

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D64217 (373624)				531
D64218 (373625)				491
D64219 (373626)				165
D64220 (373627)				143
D64221 (373628)				125
D64222 (373629)				94
D64223 (373630)				63
D64224 (373631)				126
D64225 (373632)				59
D64226 (373633)				55
D64227 (373634)				150
D64228 (373635)				139
D64229 (373636)				201
D64230 (373637)				157
D64231 (373638)				181
D64232 (373639)				<5
D64233 (373640)				132
D64234 (373641)				106
D64235 (373642)				78
D64236 (373643)				95
D64237 (373644)				153
D64238 (373645)				145
D64239 (373646)				28
D64240 (373647)				30
D64241 (373648)				20
D64242 (373649)				19
D64243 (373650)				32
D64244 (373651)				46
D64245 (373652)				128
D64246 (373653)				51
D64247 (373654)				107
D64248 (373655)				88

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T496324

PROJECT: AGAT00703

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DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D64249 (373656)			78
D64250 (373657)			53
D64251 (373658)			89
D64252 (373659)			<5
D64253 (373660)			118
D64254 (373661)			92
D64255 (373662)			115
D64256 (373663)			99
D64257 (373664)			60
D64258 (373665)			63
D64259 (373666)			19
D64260 (373667)			20
D64261 (373668)			12
D64262 (373669)			30
D64263 (373670)			204
D64264 (373671)			30
D64265 (373672)			35
D64266 (373673)			97
D64267 (373674)			18
D64268 (373675)			19
D64269 (373676)			19
D64270 (373677)			56
D64271 (373678)			67
D64272 (373679)			<5
D64273 (373680)			153
D64274 (373681)			91
D64275 (373682)			104
D64276 (373683)			18
D64277 (373684)			35
D64278 (373685)			34
D64279 (373686)			105
D64280 (373687)			165

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T496324

PROJECT: AGAT00703

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core


Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	
	Zr	ppm	5	
D64281 (373688)				28
D64282 (373689)				238
D64283 (373690)				351
D64284 (373691)				173
D64285 (373692)				511
D64286 (373693)				50
D64287 (373694)				604
D64288 (373695)				>1000

Comments: RDL - Reported Detection Limit

373624-373695 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T496324

PROJECT: AGAT00703

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D64217 (373624)			0.024
D64218 (373625)			0.016
D64219 (373626)			0.004
D64220 (373627)			0.011
D64221 (373628)			0.012
D64222 (373629)			0.006
D64223 (373630)			0.007
D64224 (373631)			0.004
D64225 (373632)			0.010
D64226 (373633)			0.534
D64227 (373634)			0.001
D64228 (373635)			0.008
D64229 (373636)			0.002
D64230 (373637)			<0.001
D64231 (373638)			<0.001
D64232 (373639)			0.002
D64233 (373640)			0.007
D64234 (373641)			0.022
D64235 (373642)			0.012
D64236 (373643)			0.009
D64237 (373644)			0.003
D64238 (373645)			0.003
D64239 (373646)			0.025
D64240 (373647)			0.023
D64241 (373648)			0.026
D64242 (373649)			0.021
D64243 (373650)			0.007
D64244 (373651)			0.024
D64245 (373652)			0.007
D64246 (373653)			3.61
D64247 (373654)			0.005
D64248 (373655)			0.007

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## Certificate of Analysis

AGAT WORK ORDER: 19T496324

PROJECT: AGAT00703

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D64249 (373656)			0.009
D64250 (373657)			0.012
D64251 (373658)			0.011
D64252 (373659)			0.001
D64253 (373660)			0.011
D64254 (373661)			0.015
D64255 (373662)			0.113
D64256 (373663)			0.013
D64257 (373664)			0.007
D64258 (373665)			0.005
D64259 (373666)			0.011
D64260 (373667)			0.003
D64261 (373668)			0.015
D64262 (373669)			0.003
D64263 (373670)			0.012
D64264 (373671)			0.002
D64265 (373672)			0.003
D64266 (373673)			0.334
D64267 (373674)			0.004
D64268 (373675)			0.005
D64269 (373676)			0.003
D64270 (373677)			0.003
D64271 (373678)			0.002
D64272 (373679)			<0.001
D64273 (373680)			0.002
D64274 (373681)			0.003
D64275 (373682)			0.005
D64276 (373683)			0.012
D64277 (373684)			0.004
D64278 (373685)			0.004
D64279 (373686)			0.006
D64280 (373687)			0.007

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T496324

PROJECT: AGAT00703

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D64281 (373688)			0.003
D64282 (373689)			0.007
D64283 (373690)			0.016
D64284 (373691)			0.001
D64285 (373692)			<0.001
D64286 (373693)			1.24
D64287 (373694)			0.014
D64288 (373695)			0.021

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T496324

PROJECT: AGAT00703

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019


SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D64217 (373624)		84.82
D64237 (373644)		86.17
D64256 (373663)		76.61
D64276 (373683)		94.27

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





# Certificate of Analysis

AGAT WORK ORDER: 19T496324

PROJECT: AGAT00703

 5623 McADAM ROAD  
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 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 22, 2019

DATE RECEIVED: Jul 23, 2019

DATE REPORTED: Aug 09, 2019


SAMPLE TYPE: Drill Core

	Analyte:	Pass %
	Unit:	%
Sample ID (AGAT ID)	RDL:	0.01
D64217 (373624)		85.78
D64254 (373661)		87.66

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	373624	3.5	2.8	22.2%	373638	< 0.5	< 0.5	0.0%	373649	0.6	< 0.5		373663	< 0.5	< 0.5	0.0%
Al	373624	3.86	4.23	9.1%	373638	8.25	8.30	0.6%	373649	5.95	6.09	2.3%	373663	6.86	7.02	2.3%
As	373624	< 1	< 1	0.0%	373638	< 1	< 1	0.0%	373649	< 1	< 1	0.0%	373663	< 1	< 1	0.0%
Ba	373624	233	209	10.9%	373638	316	324	2.5%	373649	303	310	2.3%	373663	211	218	3.3%
Be	373624	0.74	0.77	4.0%	373638	1.3	1.3	0.0%	373649	0.95	0.96	1.0%	373663	1.2	1.2	0.0%
Bi	373624	< 1	< 1	0.0%	373638	< 1	< 1	0.0%	373649	< 1	< 1	0.0%	373663	< 1	< 1	0.0%
Ca	373624	0.98	1.17	17.7%	373638	4.40	4.37	0.7%	373649	1.07	1.10	2.8%	373663	1.59	1.61	1.3%
Cd	373624	< 0.5	< 0.5	0.0%	373638	< 0.5	< 0.5	0.0%	373649	< 0.5	< 0.5	0.0%	373663	< 0.5	< 0.5	0.0%
Ce	373624	22	21	4.7%	373638	55	54	1.8%	373649	40	39	2.5%	373663	55	57	3.6%
Co	373624	17.6	15.4	13.3%	373638	4.70	5.16	9.3%	373649	11.6	11.4	1.7%	373663	21.5	22.5	4.5%
Cr	373624	18.0	15.0	18.2%	373638	16.5	14.2	15.0%	373649	9.7	12.5	25.2%	373663	14.4	14.8	2.7%
Cu	373624	67.6	67.7	0.1%	373638	< 0.5	< 0.5	0.0%	373649	74.5	71.0	4.8%	373663	73.2	74.4	1.6%
Fe	373624	13.5	11.8	13.4%	373638	5.62	5.55	1.3%	373649	11.6	11.2	3.5%	373663	7.82	7.91	1.1%
Ga	373624	57	50	13.1%	373638	28	28	0.0%	373649	40	39	2.5%	373663	32	32	0.0%
In	373624	< 1	< 1	0.0%	373638	< 1	< 1	0.0%	373649	< 1	< 1	0.0%	373663	< 1	< 1	0.0%
K	373624	1.20	0.955	22.7%	373638	0.61	0.62	1.6%	373649	0.77	0.77	0.0%	373663	0.66	0.67	1.5%
La	373624	12	11	8.7%	373638	22	23	4.4%	373649	18	17	5.7%	373663	25	25	0.0%
Li	373624	24	19	23.3%	373638	12	12	0.0%	373649	43	44	2.3%	373663	63	65	3.1%
Mg	373624	0.678	0.522	26.0%	373638	0.914	0.933	2.1%	373649	1.59	1.60	0.6%	373663	1.15	1.16	0.9%
Mn	373624	404	354	13.2%	373638	1190	1190	0.0%	373649	487	500	2.6%	373663	439	453	3.1%
Mo	373624	4.72	4.91	3.9%	373638	2.7	2.6	3.8%	373649	8.52	7.53	12.3%	373663	3.1	3.2	3.2%
Na	373624	1.15	1.46	23.8%	373638	1.31	1.30	0.8%	373649	1.46	1.48	1.4%	373663	1.72	1.76	2.3%
Ni	373624	7.9	7.4	6.5%	373638	1.5	1.3	14.3%	373649	19.6	18.4	6.3%	373663	18.1	18.6	2.7%
P	373624	49	59	18.5%	373638	960	974	1.4%	373649	668	666	0.3%	373663	691	681	1.5%
Pb	373624	< 20	< 20	0.0%	373638	< 20	< 20	0.0%	373649	< 20	< 20	0.0%	373663	< 20	< 20	0.0%
Rb	373624	< 50	< 50	0.0%	373638	< 50	< 50	0.0%	373649	< 50	< 50	0.0%	373663	< 50	< 50	0.0%
S	373624	4.96	4.12	18.5%	373638	0.26	0.26	0.0%	373649	4.20	4.11	2.2%	373663	5.04	5.11	1.4%
Sb	373624	2	3		373638	2	1		373649	2	2	0.0%	373663	2	2	0.0%
Sc	373624	8	6	28.6%	373638	15	15	0.0%	373649	16	16	0.0%	373663	8	8	0.0%
Se	373624	< 10	< 10	0.0%	373638	< 10	< 10	0.0%	373649	< 10	< 10	0.0%	373663	< 10	< 10	0.0%
Sn	373624	< 5	< 5	0.0%	373638	< 5	< 5	0.0%	373649	< 5	< 5	0.0%	373663	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	373624	74	94	23.8%	373638	206	204	1.0%	373649	119	121	1.7%	373663	150	153	2.0%
Ta	373624	< 10	< 10	0.0%	373638	< 10	< 10	0.0%	373649	< 10	< 10	0.0%	373663	< 10	< 10	0.0%
Te	373624	< 10	< 10	0.0%	373638	< 10	< 10	0.0%	373649	12	9	28.6%	373663	< 10	< 10	0.0%
Th	373624	< 5	< 5	0.0%	373638	< 5	< 5	0.0%	373649	< 5	< 5	0.0%	373663	< 5	< 5	0.0%
Ti	373624	0.38	0.30	23.5%	373638	0.36	0.36	0.0%	373649	0.142	0.146	2.8%	373663	0.105	0.112	6.5%
Tl	373624	< 5	< 5	0.0%	373638	< 5	< 5	0.0%	373649	< 5	< 5	0.0%	373663	< 5	< 5	0.0%
U	373624	< 50	< 50	0.0%	373638	< 50	< 50	0.0%	373649	< 50	< 50	0.0%	373663	< 50	< 50	0.0%
V	373624	36.2	31.3	14.5%	373638	10.2	10.4	1.9%	373649	31.1	30.6	1.6%	373663	29.6	31.2	5.3%
W	373624	< 1	< 1	0.0%	373638	< 1	< 1	0.0%	373649	< 1	< 1	0.0%	373663	< 1	< 1	0.0%
Y	373624	5	5	0.0%	373638	37	38	2.7%	373649	8	8	0.0%	373663	13	14	7.4%
Zn	373624	196	208	5.9%	373638	90.3	91.2	1.0%	373649	106	103	2.9%	373663	79.3	80.5	1.5%
Zr	373624	531	456	15.2%	373638	181	184	1.6%	373649	19	18	5.4%	373663	99	100	1.0%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	373674	< 0.5	< 0.5	0.0%	373688	< 0.5	< 0.5	0.0%								
Al	373674	4.71	4.74	0.6%	373688	7.11	6.98	1.8%								
As	373674	< 1	< 1	0.0%	373688	< 1	< 1	0.0%								
Ba	373674	27	22	20.4%	373688	502	492	2.0%								
Be	373674	0.8	0.8	0.0%	373688	1.15	1.14	0.9%								
Bi	373674	< 1	< 1	0.0%	373688	< 1	< 1	0.0%								
Ca	373674	3.90	4.05	3.8%	373688	5.08	5.03	1.0%								
Cd	373674	< 0.5	< 0.5	0.0%	373688	< 0.5	< 0.5	0.0%								
Ce	373674	16	16	0.0%	373688	47	47	0.0%								
Co	373674	87.0	86.7	0.3%	373688	20.1	20.3	1.0%								
Cr	373674	1240	1250	0.8%	373688	147	146	0.7%								
Cu	373674	180	203	12.0%	373688	2.8	3.0	6.9%								
Fe	373674	9.62	9.56	0.6%	373688	5.31	5.29	0.4%								
Ga	373674	31	31	0.0%	373688	27	26	3.8%								
In	373674	< 1	< 1	0.0%	373688	< 1	< 1	0.0%								
K	373674	0.18	0.16	11.8%	373688	1.71	1.68	1.8%								
La	373674	8	8	0.0%	373688	22	22	0.0%								
Li	373674	24	23	4.3%	373688	25	24	4.1%								
Mg	373674	13.4	13.3	0.7%	373688	3.45	3.41	1.2%								
Mn	373674	1340	1300	3.0%	373688	1030	1020	1.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	373674	1.4	1.5	6.9%	373688	1.35	1.27	6.1%								
Na	373674	0.695	0.706	1.6%	373688	2.23	2.20	1.4%								
Ni	373674	1030	1050	1.9%	373688	69.1	69.2	0.1%								
P	373674	711	686	3.6%	373688	1530	1530	0.0%								
Pb	373674	< 20	< 20	0.0%	373688	< 20	< 20	0.0%								
Rb	373674	< 50	< 50	0.0%	373688	< 50	< 50	0.0%								
S	373674	0.831	0.878	5.5%	373688	0.213	0.216	1.4%								
Sb	373674	5	7		373688	< 1	1									
Sc	373674	17	17	0.0%	373688	28	28	0.0%								
Se	373674	< 10	< 10	0.0%	373688	< 10	< 10	0.0%								
Sn	373674	< 5	< 5	0.0%	373688	< 5	< 5	0.0%								
Sr	373674	27	27	0.0%	373688	187	186	0.5%								
Ta	373674	< 10	< 10	0.0%	373688	< 10	< 10	0.0%								
Te	373674	< 10	< 10	0.0%	373688	< 10	< 10	0.0%								
Th	373674	< 5	< 5	0.0%	373688	< 5	< 5	0.0%								
Ti	373674	0.39	0.39	0.0%	373688	0.34	0.34	0.0%								
Tl	373674	< 5	< 5	0.0%	373688	< 5	< 5	0.0%								
U	373674	< 50	< 50	0.0%	373688	< 50	< 50	0.0%								
V	373674	124	124	0.0%	373688	85.9	86.4	0.6%								
W	373674	< 1	< 1	0.0%	373688	< 1	< 1	0.0%								
Y	373674	12	12	0.0%	373688	15	15	0.0%								
Zn	373674	107	104	2.8%	373688	138	138	0.0%								
Zr	373674	18	17	5.7%	373688	28	26	7.4%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	373624	0.024	0.020	18.2%	373638	< 0.001	0.001		373649	0.0206	0.0179	14.0%	373663	0.0132	0.0136	3.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	373674	0.004	0.004	0.0%	373688	0.0027	0.0023	16.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.1P5R)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	2.85	94%	90% - 110%
Al	10.95	11.55	106%	90% - 110%	8.17	8.68	106%	90% - 110%	6.96	7.21	104%	90% - 110%	4.75	5.1	107%	90% - 110%
As					26	25	95%	90% - 110%	124	127	103%	90% - 110%				
Ba	340	337	99%	90% - 110%	540	528	98%	90% - 110%	186	186	100%	90% - 110%	216	219	101%	90% - 110%
Be	2.6	2.7	104%	90% - 110%	4.0	3.9	97%	90% - 110%								
Ca	5.72	5.74	100%	90% - 110%	0.907	0.92	101%	90% - 110%	4.01	3.98	99%	90% - 110%	10	9	92%	90% - 110%
Ce	122	124	101%	90% - 110%	98	104	106%	90% - 110%	24	25	104%	90% - 110%				
Co									22.1	20.9	95%	90% - 110%	191	179	94%	90% - 110%
Cr					60.3	65.2	108%	90% - 110%					670	615	91%	90% - 110%
Cu					150	153	102%	90% - 110%	88.6	85.6	97%	90% - 110%	7120	7447	105%	90% - 110%
Fe	4.34	4.31	99%	90% - 110%	3.77	3.88	103%	90% - 110%	7.56	7.65	101%	90% - 110%	12.71	12.11	95%	90% - 110%
Ga	35	38	108%	90% - 110%												
K	1.37	1.48	108%	90% - 110%					2.021	2.124	105%	90% - 110%	0.1021	0.1109	109%	90% - 110%
La	58	58	101%	90% - 110%	44	47	106%	90% - 110%					8.47	7.72	91%	90% - 110%
Li	37	37	101%	90% - 110%	47	46	99%	90% - 110%								
Mg	0.325	0.315	97%	90% - 110%	1.10	1.16	105%	90% - 110%	2.412	2.55	106%	90% - 110%	7.41	7.65	103%	90% - 110%
Mn					780	787	101%	90% - 110%	1510	1484	98%	90% - 110%				
Mo					14	15	106%	90% - 110%								
Na	5.267	5.264	100%	90% - 110%	1.624	1.67	103%	90% - 110%	0.617	0.62	100%	90% - 110%	0.112	0.12	107%	90% - 110%
Ni					32	33	102%	90% - 110%	77.1	72.7	94%	90% - 110%	2480	2296	92%	90% - 110%
P					750	737	98%	90% - 110%	892	885	99%	90% - 110%	731	710	97%	90% - 110%
Pb					31	29	95%	90% - 110%								
S									0.348	0.381	109%	90% - 110%				
Sb					0.8	0.9	107%	90% - 110%								
Sc	1.1	1.1	101%	90% - 110%	12	13	109%	90% - 110%					21.33	22.04	103%	90% - 110%
Sr	1191	1132	95%	90% - 110%	144	147	102%	90% - 110%	92.8	87.4	94%	90% - 110%	39	38	96%	90% - 110%
Ti	0.172	0.169	98%	90% - 110%	0.53	0.49	93%	90% - 110%					0.419	0.412	98%	90% - 110%
V	8	9	108%	90% - 110%	77	80	104%	90% - 110%					158	164	104%	90% - 110%
Y	119	127	107%	90% - 110%									12.67	12.99	103%	90% - 110%
Zn	93	98	105%	90% - 110%	130	130	100%	90% - 110%	208	216	104%	90% - 110%	112	112	100%	90% - 110%
Zr													35.7	38.5	108%	90% - 110%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.1P5R)				CRM #4 (ref.GSP7M)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.27	5.15	98%	90% - 110%	6.87	6.78	99%	90% - 110%	1.81	1.82	101%	90% - 110%	0.725	0.715	99%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00703  
 SAMPLING SITE:

AGAT WORK ORDER: 19T496324  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00705

AGAT WORK ORDER: 19T496877

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Aug 12, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.





## Certificate of Analysis

AGAT WORK ORDER: 19T496877

PROJECT: AGAT00705

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 12, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D64289 (376376)		1.72
D64290 (376377)		0.73
D64291 (376378)		2.30
D64292 (376379)		0.58
D64293 (376380)		2.18
D64294 (376381)		2.09
D64295 (376382)		2.13
D64296 (376383)		2.04
D64297 (376384)		1.77
D64298 (376385)		-
D64299 (376386)		2.11
D64300 (376387)		0.66
D64301 (376388)		1.21
D64302 (376389)		1.44
D64303 (376390)		0.72
D64304 (376391)		1.15
D64305 (376392)		1.05
D64306 (376393)		0.07
D64307 (376394)		2.42
D64308 (376395)		1.15
D64309 (376396)		1.74
D64310 (376397)		2.66
D64311 (376398)		1.05
D64312 (376399)		0.58
D64313 (376400)		1.71
D64314 (376401)		0.87
D64315 (376402)		0.58
D64316 (376403)		0.96
D64317 (376404)		1.48
D64318 (376405)		-
D64319 (376406)		2.42

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T496877

PROJECT: AGAT00705

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 12, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D64320 (376407)		3.21
D64321 (376408)		1.07
D64322 (376409)		0.82
D64323 (376410)		1.18
D64324 (376411)		1.10
D64325 (376412)		1.56
D64326 (376413)		0.07
D64327 (376414)		2.05
D64328 (376415)		2.26
D64329 (376416)		2.18
D64330 (376417)		1.09
D64331 (376418)		1.05
D64332 (376419)		0.61
D64333 (376420)		1.19
D64334 (376421)		0.61
D64335 (376422)		0.98
D64336 (376423)		2.05
D64337 (376424)		1.26
D64338 (376425)		-
D64339 (376426)		1.05
D64340 (376427)		1.20
D64341 (376428)		1.09
D64342 (376429)		0.62
D64343 (376430)		2.18
D64344 (376431)		2.31
D64345 (376432)		2.90
D64346 (376433)		0.07
D64347 (376434)		0.80
D64348 (376435)		1.11
D64349 (376436)		2.02
D64350 (376437)		1.82

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T496877

PROJECT: AGAT00705

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 12, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D64351 (376438)		1.99
D64352 (376439)		0.54
D64353 (376440)		0.94
D64354 (376441)		1.72
D64355 (376442)		0.74
D64356 (376443)		0.67
D64357 (376444)		2.33
D64358 (376445)		-
D64359 (376446)		2.41
D64360 (376447)		2.43

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Val D'Or (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T496877

PROJECT: AGAT00705

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 12, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D64289 (376376)		4.3	3.77	1	679	0.6	<1	0.92	<0.5	5	2.4	141	35.6	1.07	7
D64290 (376377)		1.3	3.20	<1	636	1.8	<1	4.78	<0.5	66	50.2	508	93.0	6.74	19
D64291 (376378)		3.2	4.17	<1	807	0.9	<1	1.84	<0.5	16	9.6	229	93.4	3.05	14
D64292 (376379)		<0.5	0.08	<1	17	<0.5	<1	32.2	<0.5	<1	0.9	10.4	<0.5	0.11	6
D64293 (376380)		2.1	5.58	<1	1470	0.6	<1	1.12	<0.5	6	4.0	119	40.9	1.25	10
D64294 (376381)		2.6	3.57	<1	104	0.6	<1	1.42	<0.5	10	2.1	144	10.6	1.57	9
D64295 (376382)		1.8	5.69	<1	1040	0.8	<1	1.37	<0.5	7	4.9	190	51.8	1.50	11
D64296 (376383)		0.8	6.62	2	1800	<0.5	<1	1.17	<0.5	7	4.2	116	40.2	1.09	11
D64297 (376384)		1.0	4.97	<1	930	<0.5	<1	1.20	<0.5	7	3.7	114	36.8	1.23	9
D64298 (376385)		0.7	5.03	<1	886	<0.5	<1	1.18	<0.5	7	3.6	120	38.4	1.25	9
D64299 (376386)		2.0	4.99	1	1560	0.6	<1	1.27	<0.5	11	4.5	120	75.4	1.95	9
D64300 (376387)		1.4	4.94	<1	1700	<0.5	<1	0.80	<0.5	6	6.8	119	77.5	1.68	9
D64301 (376388)		2.5	4.20	<1	639	1.0	<1	1.87	<0.5	19	15.1	143	211	4.40	10
D64302 (376389)		2.0	3.08	<1	574	<0.5	<1	0.78	<0.5	6	8.5	180	101	1.80	7
D64303 (376390)		1.0	8.21	<1	648	0.7	<1	2.18	<0.5	89	11.5	94.8	253	4.51	23
D64304 (376391)		1.9	6.30	<1	2210	<0.5	<1	1.00	<0.5	12	8.5	166	107	2.65	11
D64305 (376392)		1.1	7.91	<1	442	0.7	<1	2.28	<0.5	85	14.5	91.2	232	5.55	23
D64306 (376393)		4.6	3.78	12	217	0.7	<1	10.5	<0.5	17	7.3	17.0	78.8	1.94	11
D64307 (376394)		1.4	5.06	<1	501	<0.5	<1	1.24	<0.5	16	20.9	169	181	4.58	17
D64308 (376395)		2.0	6.38	<1	630	<0.5	<1	1.26	<0.5	53	66.7	94.4	470	11.6	23
D64309 (376396)		1.4	5.94	<1	712	<0.5	<1	1.02	<0.5	43	10.3	121	113	4.40	22
D64310 (376397)		<0.5	5.46	<1	774	<0.5	<1	0.43	<0.5	56	14.5	115	56.7	4.76	19
D64311 (376398)		<0.5	6.63	<1	382	1.1	<1	0.30	<0.5	40	22.2	91.6	230	5.35	23
D64312 (376399)		<0.5	0.16	<1	29	<0.5	<1	31.1	<0.5	<1	1.5	16.9	19.7	0.21	6
D64313 (376400)		0.5	6.33	<1	1530	2.0	<1	1.37	<0.5	60	27.2	132	210	6.96	23
D64314 (376401)		<0.5	5.06	<1	541	0.8	<1	0.46	<0.5	70	11.9	150	68.3	5.33	18
D64315 (376402)		1.7	5.09	<1	594	1.5	<1	0.77	<0.5	42	33.4	119	481	7.53	23
D64316 (376403)		2.0	5.31	<1	302	1.0	<1	1.21	<0.5	13	20.6	156	373	3.09	16
D64317 (376404)		1.3	6.25	<1	630	<0.5	<1	1.03	<0.5	28	19.6	105	418	7.17	25
D64318 (376405)		1.4	6.18	<1	641	<0.5	<1	1.06	<0.5	28	19.4	103	434	7.32	26
D64319 (376406)		0.8	2.56	<1	878	<0.5	<1	7.82	<0.5	131	61.3	671	120	10.6	19
D64320 (376407)		0.8	2.35	<1	828	<0.5	<1	5.98	<0.5	108	77.6	832	122	11.0	19

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T496877

PROJECT: AGAT00705

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 12, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D64321 (376408)		1.4	4.93	<1	644	<0.5	<1	1.30	<0.5	111	56.3	245	2130	10.6	28
D64322 (376409)		0.8	5.12	<1	496	<0.5	<1	0.87	<0.5	52	37.6	164	884	7.61	21
D64323 (376410)		1.6	6.41	<1	776	<0.5	<1	1.12	<0.5	36	32.7	117	1590	6.32	22
D64324 (376411)		1.0	5.05	<1	722	<0.5	<1	3.70	<0.5	75	38.1	396	168	7.81	21
D64325 (376412)		1.2	6.31	<1	639	0.6	<1	2.12	<0.5	53	20.1	167	351	5.54	19
D64326 (376413)		<0.5	7.72	<1	154	<0.5	<1	7.08	<0.5	6	42.3	185	165	8.48	20
D64327 (376414)		1.4	6.78	<1	557	0.8	<1	0.76	<0.5	71	19.2	119	600	5.83	18
D64328 (376415)		0.9	6.62	<1	490	0.9	<1	2.21	<0.5	59	19.0	185	76.7	4.55	19
D64329 (376416)		1.0	6.43	<1	400	<0.5	<1	1.35	<0.5	45	17.2	132	158	5.62	18
D64330 (376417)		0.8	6.11	<1	422	<0.5	<1	0.78	<0.5	46	18.7	117	78.8	5.51	17
D64331 (376418)		0.7	7.00	<1	386	<0.5	<1	1.14	<0.5	40	17.0	95.6	<0.5	5.95	18
D64332 (376419)		<0.5	0.10	1	18	<0.5	<1	30.6	<0.5	<1	1.0	10.3	<0.5	0.14	6
D64333 (376420)		0.7	6.91	<1	357	0.5	<1	1.18	<0.5	44	19.2	88.5	0.6	5.99	19
D64334 (376421)		0.7	6.26	<1	412	0.6	<1	0.74	<0.5	32	23.4	113	<0.5	5.65	20
D64335 (376422)		0.5	6.66	<1	558	<0.5	<1	0.57	<0.5	72	23.2	74.0	7.2	7.13	25
D64336 (376423)		<0.5	7.05	<1	2290	1.4	<1	1.10	<0.5	7	1.3	97.8	67.7	0.28	9
D64337 (376424)		<0.5	7.12	1	2470	0.6	<1	0.77	<0.5	10	1.5	85.9	123	0.29	11
D64338 (376425)		<0.5	7.23	1	2370	0.6	<1	0.78	<0.5	8	1.7	111	104	0.29	10
D64339 (376426)		5.8	5.05	<1	1690	<0.5	<1	0.62	<0.5	9	25.4	175	6950	5.07	16
D64340 (376427)		2.9	5.04	<1	743	<0.5	<1	1.02	<0.5	5	19.8	147	2400	3.53	17
D64341 (376428)		2.4	5.74	<1	824	<0.5	<1	0.83	<0.5	8	29.0	122	2490	7.77	28
D64342 (376429)		1.1	6.39	<1	1360	<0.5	<1	1.19	<0.5	7	10.5	99.9	483	3.21	19
D64343 (376430)		0.9	7.78	<1	337	1.0	<1	2.84	<0.5	43	9.1	104	111	3.89	20
D64344 (376431)		0.9	7.85	<1	271	0.8	<1	2.83	<0.5	50	11.3	127	31.0	3.92	20
D64345 (376432)		0.9	7.67	<1	336	0.6	<1	2.37	<0.5	50	18.0	104	514	5.93	20
D64346 (376433)		<0.5	7.66	<1	190	<0.5	<1	6.29	<0.5	17	39.7	190	115	7.72	20
D64347 (376434)		0.8	4.73	<1	382	<0.5	<1	0.37	0.8	47	29.4	150	1490	7.02	17
D64348 (376435)		0.9	4.66	<1	431	<0.5	<1	0.31	0.8	39	22.4	209	1670	6.71	19
D64349 (376436)		1.0	6.15	<1	343	0.6	<1	1.42	1.3	62	22.1	123	766	5.10	18
D64350 (376437)		2.3	6.06	<1	277	0.5	<1	1.25	2.2	61	23.0	128	1310	6.77	17
D64351 (376438)		<0.5	7.19	<1	1840	0.5	<1	0.53	<0.5	5	1.8	83.0	90.0	0.43	12
D64352 (376439)		<0.5	0.11	<1	20	<0.5	<1	32.1	<0.5	<1	1.0	13.0	8.2	0.12	6

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T496877

PROJECT: AGAT00705

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 23, 2019		DATE RECEIVED: Jul 24, 2019					DATE REPORTED: Aug 12, 2019					SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
		0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5
D64353 (376440)		1.7	7.33	<1	1550	0.8	<1	0.96	<0.5	4	2.8	72.0	1080	0.67	14
D64354 (376441)		10.1	5.96	<1	271	<0.5	<1	1.14	1.6	60	48.4	103	6010	7.48	19
D64355 (376442)		8.1	6.11	<1	240	0.8	<1	1.32	1.2	56	33.2	124	4870	5.59	17
D64356 (376443)		6.0	5.45	<1	120	1.0	<1	1.59	1.2	43	27.1	122	3790	5.70	16
D64357 (376444)		1.5	5.36	<1	279	<0.5	<1	0.52	1.2	56	31.9	113	1390	8.37	18
D64358 (376445)		1.6	5.32	<1	279	<0.5	<1	0.52	1.3	53	32.3	106	1330	8.46	20
D64359 (376446)		2.6	5.38	<1	285	<0.5	<1	0.45	1.9	57	38.7	93.6	2080	9.33	20
D64360 (376447)		2.6	5.61	<1	343	<0.5	<1	0.75	2.7	72	38.5	139	2010	7.91	22

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 12, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Rb ppm	S %	Sb ppm
D64289 (376376)		<1	1.20	4	3	0.01	37	2.2	1.53	5.0	24	<20	<50	0.33	<1
D64290 (376377)		<1	1.45	34	19	6.41	937	1.9	1.42	340	1180	<20	<50	0.53	<1
D64291 (376378)		<1	1.39	9	10	0.52	126	1.8	1.82	33.1	121	<20	<50	1.06	<1
D64292 (376379)		1	0.03	<2	<1	2.78	75	<0.5	0.04	<0.5	88	<20	<50	0.04	4
D64293 (376380)		<1	2.60	4	2	0.01	38	1.6	1.94	2.5	36	<20	<50	0.47	2
D64294 (376381)		<1	0.27	6	3	0.01	64	2.2	1.71	3.3	39	<20	<50	0.25	<1
D64295 (376382)		<1	1.96	5	1	0.04	41	2.3	2.14	2.4	39	<20	<50	0.61	<1
D64296 (376383)		<1	3.21	5	1	0.02	30	2.3	2.24	1.6	39	20	<50	0.53	<1
D64297 (376384)		<1	1.92	4	1	0.03	39	1.9	1.96	1.4	24	<20	<50	0.69	<1
D64298 (376385)		<1	1.90	4	1	0.03	41	2.3	1.91	3.3	30	<20	<50	0.67	4
D64299 (376386)		<1	2.79	6	2	0.02	32	2.2	1.67	1.6	36	<20	<50	1.31	3
D64300 (376387)		<1	3.30	4	1	<0.01	23	1.9	1.36	4.0	35	<20	<50	1.01	4
D64301 (376388)		<1	1.16	11	3	0.01	45	1.8	1.80	5.8	34	<20	<50	2.77	1
D64302 (376389)		<1	1.03	4	2	0.03	38	2.3	1.22	4.7	23	<20	<50	1.03	<1
D64303 (376390)		<1	1.57	48	12	0.52	214	1.5	3.39	4.6	99	<20	<50	1.58	<1
D64304 (376391)		<1	3.72	8	3	0.07	53	2.1	1.91	4.6	73	21	<50	1.27	3
D64305 (376392)		<1	1.49	41	13	0.64	299	0.9	3.08	3.8	432	<20	<50	1.86	<1
D64306 (376393)		<1	1.67	9	42	0.63	578	2.4	0.62	8.8	444	<20	<50	0.61	<1
D64307 (376394)		<1	1.52	10	13	0.59	284	1.6	2.04	5.2	34	<20	<50	1.67	<1
D64308 (376395)		<1	2.53	30	10	0.39	268	1.9	2.37	18.1	75	<20	<50	5.58	<1
D64309 (376396)		<1	2.31	21	19	0.87	331	3.7	1.91	4.7	100	<20	<50	1.12	<1
D64310 (376397)		<1	1.98	24	13	0.54	593	4.0	0.83	4.1	869	<20	<50	0.17	<1
D64311 (376398)		<1	4.35	19	2	0.63	632	2.8	2.96	11.3	39	<20	<50	0.46	<1
D64312 (376399)		3	0.04	<2	<1	3.09	105	<0.5	0.07	<0.5	84	<20	<50	0.05	<1
D64313 (376400)		<1	2.03	26	51	0.98	688	1.9	1.21	29.2	943	<20	<50	0.53	<1
D64314 (376401)		<1	1.57	30	36	0.85	733	1.4	0.92	5.4	651	<20	<50	0.15	<1
D64315 (376402)		<1	2.05	22	22	1.21	718	1.6	1.37	6.5	51	<20	<50	1.73	<1
D64316 (376403)		<1	0.97	9	10	0.40	152	1.6	2.26	6.6	45	<20	<50	0.87	<1
D64317 (376404)		<1	2.36	17	30	1.66	1100	0.8	1.97	10.7	76	<20	<50	0.75	<1
D64318 (376405)		<1	2.33	17	29	1.65	1030	1.0	2.01	11.5	73	<20	<50	0.78	<1
D64319 (376406)		<1	2.12	64	14	10.5	1590	0.6	0.54	501	3240	<20	<50	0.27	<1
D64320 (376407)		<1	1.85	52	10	11.9	1550	<0.5	0.28	629	2570	<20	<50	0.21	<1

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T496877

PROJECT: AGAT00705

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 12, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D64321 (376408)		<1	2.73	52	35	4.01	1100	1.3	0.78	128	934	<20	<50	1.67	<1
D64322 (376409)		<1	2.04	23	34	2.06	1070	0.8	0.70	42.8	929	<20	<50	1.18	<1
D64323 (376410)		<1	1.67	20	24	1.56	1070	1.9	2.13	13.5	221	<20	<50	1.15	<1
D64324 (376411)		<1	1.98	37	22	5.32	1210	0.8	2.29	214	1630	<20	<50	0.25	<1
D64325 (376412)		<1	2.13	26	45	2.87	728	4.1	1.65	48.2	745	<20	<50	0.13	<1
D64326 (376413)		<1	0.22	5	12	4.49	1430	<0.5	2.47	92.0	412	<20	<50	0.17	<1
D64327 (376414)		<1	1.90	32	40	2.05	887	1.6	1.61	13.5	553	<20	<50	0.17	<1
D64328 (376415)		<1	1.60	27	19	2.10	808	1.4	1.75	56.0	764	<20	<50	0.05	<1
D64329 (376416)		<1	1.74	21	19	1.65	979	2.0	1.07	12.1	500	<20	<50	0.03	<1
D64330 (376417)		<1	1.98	21	29	1.95	735	1.7	0.79	13.4	528	<20	<50	0.02	<1
D64331 (376418)		<1	2.21	18	23	2.28	815	1.3	1.09	11.6	520	<20	<50	0.01	<1
D64332 (376419)		2	0.03	<2	<1	3.65	75	<0.5	0.05	<0.5	97	<20	<50	0.04	3
D64333 (376420)		<1	2.29	21	28	2.18	813	2.8	1.13	12.1	519	<20	<50	0.01	<1
D64334 (376421)		<1	2.81	16	46	2.27	373	9.7	0.83	14.7	480	<20	<50	0.01	<1
D64335 (376422)		<1	3.28	34	57	2.34	603	1.0	0.91	13.9	330	<20	<50	0.03	<1
D64336 (376423)		<1	4.54	4	6	0.03	23	1.9	2.08	1.3	119	30	<50	0.05	4
D64337 (376424)		<1	5.60	4	4	0.04	25	1.2	1.98	1.3	167	38	<50	0.04	<1
D64338 (376425)		<1	5.49	4	4	0.03	22	1.7	1.98	2.0	157	36	<50	0.04	<1
D64339 (376426)		<1	3.74	6	9	0.50	144	2.2	1.09	6.1	55	27	<50	1.81	<1
D64340 (376427)		<1	1.83	5	11	0.61	171	1.5	1.59	2.6	25	<20	<50	0.85	<1
D64341 (376428)		<1	2.85	7	30	1.64	984	1.5	1.16	5.0	<10	<20	<50	1.08	<1
D64342 (376429)		<1	2.94	5	16	0.76	237	0.8	1.87	4.1	47	<20	<50	0.19	<1
D64343 (376430)		<1	1.66	20	20	1.14	799	1.5	2.53	10.7	366	<20	<50	0.09	<1
D64344 (376431)		<1	1.30	22	16	1.18	608	2.4	1.64	12.6	523	<20	<50	0.02	<1
D64345 (376432)		<1	1.63	23	23	1.22	1050	1.7	1.44	10.8	560	<20	<50	0.25	<1
D64346 (376433)		<1	0.46	11	10	4.31	1320	<0.5	2.33	110	866	<20	<50	0.10	<1
D64347 (376434)		<1	1.49	20	24	0.81	1060	1.5	0.17	6.6	854	<20	<50	0.80	<1
D64348 (376435)		<1	1.46	18	18	0.69	738	6.3	0.43	6.3	585	<20	<50	0.71	<1
D64349 (376436)		<1	1.47	26	11	0.59	1620	1.7	1.34	4.3	566	<20	<50	0.36	<1
D64350 (376437)		<1	1.65	26	16	1.02	3060	1.4	0.86	9.1	605	<20	<50	0.30	<1
D64351 (376438)		<1	6.07	2	3	0.06	47	1.3	1.41	<0.5	140	41	<50	0.03	<1
D64352 (376439)		1	0.04	<2	<1	2.72	74	<0.5	0.05	<0.5	105	<20	<50	0.04	1

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T496877

PROJECT: AGAT00705

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 12, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Rb ppm	S %	Sb ppm
D64353 (376440)		<1	4.67	2	4	0.07	80	1.4	1.70	<0.5	112	35	<50	0.18	<1
D64354 (376441)		<1	1.61	25	16	0.81	2280	1.6	1.04	5.2	664	<20	<50	0.97	<1
D64355 (376442)		<1	1.46	23	13	0.61	1750	1.7	1.37	4.2	533	<20	<50	0.73	<1
D64356 (376443)		<1	0.98	18	9	0.69	1900	2.2	1.15	3.6	688	<20	<50	0.64	<1
D64357 (376444)		<1	1.74	23	18	0.96	2400	1.8	0.20	4.5	1090	<20	<50	0.48	<1
D64358 (376445)		<1	1.72	23	18	0.93	2350	1.8	0.20	2.6	1120	<20	<50	0.46	<1
D64359 (376446)		<1	1.92	24	18	0.95	2600	2.8	0.11	3.6	1190	<20	<50	0.51	<1
D64360 (376447)		<1	2.03	30	19	1.09	2150	0.9	0.40	16.2	1030	<20	<50	0.49	<1

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 12, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D64289 (376376)	<1	<10	<5	131	<10	<10	18	0.01	<5	<50	2.5	<1	5	25.0
D64290 (376377)	14	<10	<5	559	<10	<10	<5	1.13	<5	<50	173	<1	27	79.1
D64291 (376378)	1	<10	<5	181	<10	<10	<5	0.08	<5	<50	13.2	<1	7	56.6
D64292 (376379)	<1	<10	<5	74	<10	<10	<5	<0.01	<5	<50	1.7	2	2	4.4
D64293 (376380)	<1	<10	<5	195	<10	<10	7	0.01	<5	<50	2.5	<1	3	32.4
D64294 (376381)	1	<10	<5	127	<10	<10	12	0.03	<5	<50	3.3	<1	8	45.3
D64295 (376382)	<1	<10	<5	190	<10	<10	<5	0.02	<5	<50	3.1	<1	2	21.1
D64296 (376383)	<1	<10	<5	222	<10	<10	<5	0.01	<5	<50	2.4	<1	1	14.9
D64297 (376384)	<1	<10	<5	160	<10	<10	<5	<0.01	<5	<50	2.6	<1	2	10.9
D64298 (376385)	<1	<10	<5	154	<10	<10	<5	<0.01	<5	<50	1.9	<1	2	10.1
D64299 (376386)	<1	<10	<5	179	<10	<10	7	<0.01	<5	<50	2.7	<1	6	8.1
D64300 (376387)	<1	<10	<5	170	<10	<10	<5	<0.01	<5	<50	1.5	<1	2	8.0
D64301 (376388)	<1	<10	<5	153	<10	<10	<5	<0.01	<5	<50	3.0	<1	8	18.2
D64302 (376389)	<1	<10	<5	102	<10	<10	5	0.02	<5	<50	3.2	<1	2	13.8
D64303 (376390)	5	<10	<5	250	<10	<10	<5	0.30	<5	<50	12.0	<1	5	132
D64304 (376391)	<1	<10	<5	212	<10	<10	<5	0.03	<5	<50	3.5	<1	3	20.0
D64305 (376392)	9	<10	<5	156	<10	<10	<5	0.28	<5	<50	7.3	<1	11	130
D64306 (376393)	7	<10	<5	246	<10	<10	<5	0.18	<5	<50	64.4	<1	8	37.2
D64307 (376394)	7	<10	<5	119	<10	<10	<5	0.27	<5	<50	12.1	<1	3	128
D64308 (376395)	7	<10	<5	145	<10	13	<5	0.27	<5	<50	11.1	<1	6	82.6
D64309 (376396)	12	<10	<5	95	<10	<10	<5	0.42	<5	<50	16.5	<1	7	153
D64310 (376397)	14	<10	<5	30	<10	<10	<5	0.49	<5	<50	20.7	<1	17	104
D64311 (376398)	5	<10	<5	24	<10	<10	<5	0.34	<5	<50	38.1	<1	4	93.9
D64312 (376399)	<1	<10	<5	70	<10	<10	<5	0.01	<5	<50	2.7	2	2	4.9
D64313 (376400)	21	<10	<5	63	<10	<10	<5	0.57	<5	<50	88.8	<1	23	194
D64314 (376401)	17	<10	<5	27	<10	<10	<5	0.45	<5	<50	37.4	<1	23	140
D64315 (376402)	17	<10	<5	81	<10	<10	<5	0.55	<5	<50	25.8	<1	17	194
D64316 (376403)	5	<10	<5	144	<10	<10	<5	0.19	<5	<50	13.4	<1	4	71.0
D64317 (376404)	24	<10	<5	114	<10	<10	<5	0.70	<5	<50	41.4	<1	15	210
D64318 (376405)	23	<10	<5	116	<10	<10	<5	0.71	<5	<50	40.6	<1	15	211
D64319 (376406)	23	<10	<5	880	<10	<10	<5	2.69	<5	<50	286	<1	25	97.6
D64320 (376407)	23	<10	<5	672	<10	<10	<5	2.70	<5	<50	294	<1	22	96.2

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T496877

PROJECT: AGAT00705

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 12, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D64321 (376408)	26	<10	<5	143	<10	<10	<5	1.12	<5	<50	78.7	<1	29	259
D64322 (376409)	19	<10	<5	76	<10	<10	<5	0.65	<5	<50	42.5	<1	31	184
D64323 (376410)	14	<10	<5	166	<10	<10	<5	0.39	<5	<50	35.3	<1	25	145
D64324 (376411)	16	<10	<5	394	<10	<10	<5	1.48	<5	<50	182	<1	21	123
D64325 (376412)	9	<10	<5	123	<10	<10	<5	0.57	<5	<50	75.4	<1	19	120
D64326 (376413)	46	<10	<5	122	<10	<10	<5	0.73	<5	<50	318	<1	23	81.5
D64327 (376414)	10	<10	<5	50	<10	<10	<5	0.29	<5	<50	47.3	<1	24	111
D64328 (376415)	10	<10	<5	142	<10	<10	<5	0.48	<5	<50	69.1	<1	20	54.8
D64329 (376416)	9	<10	<5	45	<10	<10	<5	0.29	<5	<50	45.5	<1	22	104
D64330 (376417)	8	<10	<5	30	<10	<10	<5	0.30	<5	<50	45.7	<1	18	126
D64331 (376418)	10	<10	<5	44	<10	<10	<5	0.30	<5	<50	46.7	<1	24	106
D64332 (376419)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	3.0	1	2	4.7
D64333 (376420)	10	<10	<5	44	<10	<10	<5	0.29	<5	<50	47.5	<1	22	99.9
D64334 (376421)	5	<10	<5	36	<10	<10	<5	0.29	<5	<50	46.4	<1	10	126
D64335 (376422)	11	<10	<5	40	<10	<10	<5	0.40	<5	<50	59.0	<1	17	217
D64336 (376423)	<1	<10	<5	263	<10	<10	<5	<0.01	<5	<50	2.0	<1	4	18.9
D64337 (376424)	<1	<10	<5	258	<10	<10	5	<0.01	<5	<50	3.1	<1	8	47.4
D64338 (376425)	<1	<10	<5	254	<10	<10	5	<0.01	<5	<50	2.5	<1	7	41.0
D64339 (376426)	5	<10	<5	151	<10	<10	<5	0.17	<5	<50	10.9	<1	3	181
D64340 (376427)	6	<10	<5	129	<10	<10	<5	0.23	<5	<50	11.2	<1	2	148
D64341 (376428)	19	<10	<5	82	<10	<10	<5	0.66	<5	<50	30.0	<1	9	334
D64342 (376429)	5	<10	<5	181	<10	<10	<5	0.31	<5	<50	18.0	<1	2	231
D64343 (376430)	10	<10	<5	141	<10	<10	<5	0.23	<5	<50	40.1	<1	19	60.6
D64344 (376431)	9	<10	<5	140	<10	<10	<5	0.29	<5	<50	48.3	<1	20	77.5
D64345 (376432)	11	<10	<5	116	<10	<10	<5	0.33	<5	<50	46.7	<1	25	180
D64346 (376433)	34	<10	<5	250	<10	<10	<5	0.87	<5	<50	247	<1	23	87.6
D64347 (376434)	16	<10	<5	9	<10	<10	<5	0.45	<5	<50	14.6	<1	30	439
D64348 (376435)	11	<10	<5	21	<10	<10	<5	0.37	<5	<50	11.7	<1	22	378
D64349 (376436)	14	<10	<5	63	<10	<10	<5	0.35	<5	<50	8.5	<1	41	331
D64350 (376437)	17	<10	<5	58	<10	<10	<5	0.40	<5	<50	18.5	<1	46	461
D64351 (376438)	<1	<10	<5	332	<10	<10	<5	0.03	<5	<50	2.4	<1	1	26.3
D64352 (376439)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	3.0	1	3	4.2

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## Certificate of Analysis

AGAT WORK ORDER: 19T496877

PROJECT: AGAT00705

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 12, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D64353 (376440)	2	<10	<5	310	<10	<10	<5	0.03	<5	<50	2.6	<1	2	57.7
D64354 (376441)	20	<10	<5	62	<10	<10	<5	0.39	<5	<50	18.0	<1	51	421
D64355 (376442)	14	<10	<5	59	<10	<10	<5	0.34	<5	<50	14.3	<1	45	349
D64356 (376443)	14	<10	<5	43	<10	<10	<5	0.28	<5	<50	11.0	<1	37	299
D64357 (376444)	18	<10	<5	14	<10	<10	<5	0.51	<5	<50	9.7	<1	47	545
D64358 (376445)	19	<10	<5	14	<10	<10	<5	0.51	<5	<50	10.3	<1	46	574
D64359 (376446)	19	<10	<5	20	<10	<10	<5	0.53	<5	<50	8.6	<1	45	756
D64360 (376447)	19	<10	<5	71	<10	<10	<5	0.50	<5	<50	18.5	<1	44	670

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## Certificate of Analysis

AGAT WORK ORDER: 19T496877

PROJECT: AGAT00705

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 12, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D64289 (376376)				887
D64290 (376377)				272
D64291 (376378)				643
D64292 (376379)				<5
D64293 (376380)				429
D64294 (376381)				580
D64295 (376382)				343
D64296 (376383)				149
D64297 (376384)				146
D64298 (376385)				128
D64299 (376386)				400
D64300 (376387)				262
D64301 (376388)				417
D64302 (376389)				393
D64303 (376390)				141
D64304 (376391)				388
D64305 (376392)				163
D64306 (376393)				50
D64307 (376394)				249
D64308 (376395)				169
D64309 (376396)				256
D64310 (376397)				40
D64311 (376398)				21
D64312 (376399)				<5
D64313 (376400)				55
D64314 (376401)				68
D64315 (376402)				253
D64316 (376403)				361
D64317 (376404)				219
D64318 (376405)				219
D64319 (376406)				280
D64320 (376407)				305

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## Certificate of Analysis

AGAT WORK ORDER: 19T496877

PROJECT: AGAT00705

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 12, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D64321 (376408)			110
D64322 (376409)			78
D64323 (376410)			156
D64324 (376411)			252
D64325 (376412)			200
D64326 (376413)			56
D64327 (376414)			161
D64328 (376415)			208
D64329 (376416)			177
D64330 (376417)			174
D64331 (376418)			171
D64332 (376419)			<5
D64333 (376420)			158
D64334 (376421)			165
D64335 (376422)			139
D64336 (376423)			80
D64337 (376424)			61
D64338 (376425)			64
D64339 (376426)			426
D64340 (376427)			361
D64341 (376428)			230
D64342 (376429)			155
D64343 (376430)			172
D64344 (376431)			198
D64345 (376432)			162
D64346 (376433)			96
D64347 (376434)			49
D64348 (376435)			48
D64349 (376436)			99
D64350 (376437)			133
D64351 (376438)			31
D64352 (376439)			<5

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AGAT WORK ORDER: 19T496877

PROJECT: AGAT00705

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 12, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
Sample ID (AGAT ID)	RDL:
	5
D64353 (376440)	26
D64354 (376441)	100
D64355 (376442)	172
D64356 (376443)	90
D64357 (376444)	54
D64358 (376445)	55
D64359 (376446)	37
D64360 (376447)	74

Comments: RDL - Reported Detection Limit

376376-376447 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T496877

PROJECT: AGAT00705

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 12, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D64289 (376376)			0.005
D64290 (376377)			0.003
D64291 (376378)			0.006
D64292 (376379)			0.002
D64293 (376380)			0.005
D64294 (376381)			0.003
D64295 (376382)			0.006
D64296 (376383)			0.009
D64297 (376384)			0.004
D64298 (376385)			0.004
D64299 (376386)			0.006
D64300 (376387)			0.007
D64301 (376388)			0.026
D64302 (376389)			0.009
D64303 (376390)			0.013
D64304 (376391)			0.014
D64305 (376392)			0.014
D64306 (376393)			2.58
D64307 (376394)			0.019
D64308 (376395)			0.030
D64309 (376396)			0.018
D64310 (376397)			0.007
D64311 (376398)			0.015
D64312 (376399)			<0.001
D64313 (376400)			0.019
D64314 (376401)			0.028
D64315 (376402)			0.022
D64316 (376403)			0.015
D64317 (376404)			0.014
D64318 (376405)			0.015
D64319 (376406)			0.001
D64320 (376407)			0.002

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T496877

PROJECT: AGAT00705

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 23, 2019


DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 12, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D64321 (376408)			0.023
D64322 (376409)			0.026
D64323 (376410)			0.036
D64324 (376411)			0.012
D64325 (376412)			0.057
D64326 (376413)			0.524
D64327 (376414)			0.040
D64328 (376415)			0.008
D64329 (376416)			0.007
D64330 (376417)			0.009
D64331 (376418)			<0.001
D64332 (376419)			0.002
D64333 (376420)			<0.001
D64334 (376421)			<0.001
D64335 (376422)			<0.001
D64336 (376423)			0.001
D64337 (376424)			0.003
D64338 (376425)			0.003
D64339 (376426)			0.071
D64340 (376427)			0.054
D64341 (376428)			0.054
D64342 (376429)			0.008
D64343 (376430)			0.003
D64344 (376431)			0.001
D64345 (376432)			0.013
D64346 (376433)			0.344
D64347 (376434)			0.032
D64348 (376435)			0.023
D64349 (376436)			0.026
D64350 (376437)			0.034
D64351 (376438)			0.003
D64352 (376439)			<0.001

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T496877

PROJECT: AGAT00705

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 12, 2019

SAMPLE TYPE: Drill Core

Analyte:	Unit:	RDL:
Au	ppm	0.001
Sample ID (AGAT ID)		
D64353 (376440)		0.034
D64354 (376441)		0.161
D64355 (376442)		0.111
D64356 (376443)		0.056
D64357 (376444)		0.016
D64358 (376445)		0.016
D64359 (376446)		0.036
D64360 (376447)		0.073

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T496877

PROJECT: AGAT00705

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 12, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D64289 (376376)		78.84
D64308 (376395)		80.11
D64328 (376415)		74.48
D64348 (376435)		84.82

 Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Val D'Or (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T496877

PROJECT: AGAT00705

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 12, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D64289 (376376)		91.49
D64328 (376415)		85.70

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Val D'Or (unless marked by \*)

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	376376	4.3	4.1	4.8%	376390	1.0	0.9	10.5%	376401	< 0.5	< 0.5	0.0%	376415	0.9	0.9	0.0%
Al	376376	3.77	3.81	1.1%	376390	8.21	8.36	1.8%	376401	5.06	5.13	1.4%	376415	6.62	6.91	4.3%
As	376376	1	< 1		376390	< 1	< 1	0.0%	376401	< 1	< 1	0.0%	376415	< 1	< 1	0.0%
Ba	376376	679	697	2.6%	376390	648	661	2.0%	376401	541	526	2.8%	376415	490	528	7.5%
Be	376376	0.6	0.6	0.0%	376390	0.7	0.7	0.0%	376401	0.8	1.0	22.2%	376415	0.9	0.9	0.0%
Bi	376376	< 1	< 1	0.0%	376390	< 1	< 1	0.0%	376401	< 1	< 1	0.0%	376415	< 1	< 1	0.0%
Ca	376376	0.92	0.92	0.0%	376390	2.18	2.22	1.8%	376401	0.460	0.475	3.2%	376415	2.21	2.40	8.2%
Cd	376376	< 0.5	< 0.5	0.0%	376390	< 0.5	< 0.5	0.0%	376401	< 0.5	< 0.5	0.0%	376415	< 0.5	< 0.5	0.0%
Ce	376376	5	5	0.0%	376390	89	89	0.0%	376401	70	74	5.6%	376415	59	57	3.4%
Co	376376	2.41	2.56	6.0%	376390	11.5	10.3	11.0%	376401	11.9	12.5	4.9%	376415	19.0	18.8	1.1%
Cr	376376	141	162	13.9%	376390	94.8	87.6	7.9%	376401	150	125	18.2%	376415	185	190	2.7%
Cu	376376	35.6	35.5	0.3%	376390	253	249	1.6%	376401	68.3	60.6	11.9%	376415	76.7	79.8	4.0%
Fe	376376	1.07	1.08	0.9%	376390	4.51	4.53	0.4%	376401	5.33	5.29	0.8%	376415	4.55	4.86	6.6%
Ga	376376	7	8	13.3%	376390	23	23	0.0%	376401	18	19	5.4%	376415	19	19	0.0%
In	376376	< 1	< 1	0.0%	376390	< 1	< 1	0.0%	376401	< 1	< 1	0.0%	376415	< 1	< 1	0.0%
K	376376	1.20	1.24	3.3%	376390	1.57	1.61	2.5%	376401	1.57	1.54	1.9%	376415	1.60	1.69	5.5%
La	376376	4	4	0.0%	376390	48	49	2.1%	376401	30	32	6.5%	376415	27	26	3.8%
Li	376376	3	3	0.0%	376390	12	13	8.0%	376401	36	36	0.0%	376415	19	20	5.1%
Mg	376376	0.01	0.01	0.0%	376390	0.52	0.52	0.0%	376401	0.85	0.84	1.2%	376415	2.10	2.24	6.5%
Mn	376376	37	36	2.7%	376390	214	211	1.4%	376401	733	727	0.8%	376415	808	850	5.1%
Mo	376376	2.2	2.2	0.0%	376390	1.5	1.4	6.9%	376401	1.41	1.24	12.8%	376415	1.4	1.8	25.0%
Na	376376	1.53	1.54	0.7%	376390	3.39	3.34	1.5%	376401	0.923	0.914	1.0%	376415	1.75	1.90	8.2%
Ni	376376	5.0	4.0	22.2%	376390	4.59	4.98	8.2%	376401	5.44	5.98	9.5%	376415	56.0	56.4	0.7%
P	376376	24	29	18.9%	376390	99	96	3.1%	376401	651	648	0.5%	376415	764	771	0.9%
Pb	376376	< 20	< 20	0.0%	376390	< 20	< 20	0.0%	376401	< 20	< 20	0.0%	376415	< 20	< 20	0.0%
Rb	376376	< 50	< 50	0.0%	376390	< 50	< 50	0.0%	376401	< 50	< 50	0.0%	376415	< 50	< 50	0.0%
S	376376	0.33	0.33	0.0%	376390	1.58	1.60	1.3%	376401	0.15	0.14	6.9%	376415	0.05	0.05	0.0%
Sb	376376	< 1	1		376390	< 1	< 1	0.0%	376401	< 1	< 1	0.0%	376415	< 1	< 1	0.0%
Sc	376376	< 1	< 1	0.0%	376390	5	4	22.2%	376401	17	18	5.7%	376415	10	10	0.0%
Se	376376	< 10	< 10	0.0%	376390	< 10	< 10	0.0%	376401	< 10	< 10	0.0%	376415	< 10	< 10	0.0%
Sn	376376	< 5	< 5	0.0%	376390	< 5	< 5	0.0%	376401	< 5	< 5	0.0%	376415	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	376376	131	132	0.8%	376390	250	246	1.6%	376401	27	27	0.0%	376415	142	153	7.5%
Ta	376376	< 10	< 10	0.0%	376390	< 10	< 10	0.0%	376401	< 10	< 10	0.0%	376415	< 10	< 10	0.0%
Te	376376	< 10	< 10	0.0%	376390	< 10	< 10	0.0%	376401	< 10	< 10	0.0%	376415	< 10	< 10	0.0%
Th	376376	18	17	5.7%	376390	< 5	< 5	0.0%	376401	< 5	< 5	0.0%	376415	< 5	< 5	0.0%
Ti	376376	0.01	0.01	0.0%	376390	0.301	0.305	1.3%	376401	0.447	0.431	3.6%	376415	0.48	0.52	8.0%
Tl	376376	< 5	< 5	0.0%	376390	< 5	< 5	0.0%	376401	< 5	< 5	0.0%	376415	< 5	< 5	0.0%
U	376376	< 50	< 50	0.0%	376390	< 50	< 50	0.0%	376401	< 50	< 50	0.0%	376415	< 50	< 50	0.0%
V	376376	2.50	3.06	20.1%	376390	12.0	11.7	2.5%	376401	37.4	38.4	2.6%	376415	69.1	68.9	0.3%
W	376376	< 1	< 1	0.0%	376390	< 1	< 1	0.0%	376401	< 1	< 1	0.0%	376415	< 1	< 1	0.0%
Y	376376	5	5	0.0%	376390	5	5	0.0%	376401	23	23	0.0%	376415	20	20	0.0%
Zn	376376	25.0	20.8	18.3%	376390	132	131	0.8%	376401	140	137	2.2%	376415	54.8	60.6	10.1%
Zr	376376	887	831	6.5%	376390	141	129	8.9%	376401	68	75	9.8%	376415	208	189	9.6%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	376426	5.8	5.6	3.5%	376440	1.7	1.7	0.0%								
Al	376426	5.05	5.08	0.6%	376440	7.33	7.18	2.1%								
As	376426	< 1	< 1	0.0%	376440	< 1	< 1	0.0%								
Ba	376426	1690	1570	7.4%	376440	1550	1510	2.6%								
Be	376426	< 0.5	< 0.5	0.0%	376440	0.8	0.8	0.0%								
Bi	376426	< 1	< 1	0.0%	376440	< 1	< 1	0.0%								
Ca	376426	0.618	0.614	0.6%	376440	0.956	0.952	0.4%								
Cd	376426	< 0.5	< 0.5	0.0%	376440	< 0.5	< 0.5	0.0%								
Ce	376426	9	9	0.0%	376440	4	4	0.0%								
Co	376426	25.4	24.3	4.4%	376440	2.8	2.9	3.5%								
Cr	376426	175	153	13.4%	376440	72.0	77.7	7.6%								
Cu	376426	6950	6840	1.6%	376440	1080	1070	0.9%								
Fe	376426	5.07	5.07	0.0%	376440	0.668	0.651	2.6%								
Ga	376426	16	16	0.0%	376440	14	14	0.0%								
In	376426	< 1	< 1	0.0%	376440	< 1	< 1	0.0%								
K	376426	3.74	3.85	2.9%	376440	4.67	4.47	4.4%								
La	376426	6	6	0.0%	376440	2	2	0.0%								
Li	376426	9	10	10.5%	376440	4	4	0.0%								
Mg	376426	0.498	0.489	1.8%	376440	0.07	0.07	0.0%								
Mn	376426	144	140	2.8%	376440	80	81	1.2%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	376426	2.21	1.82	19.4%	376440	1.4	1.2	15.4%								
Na	376426	1.09	1.11	1.8%	376440	1.70	1.66	2.4%								
Ni	376426	6.14	6.67	8.3%	376440	< 0.5	1.0									
P	376426	55	48	13.6%	376440	112	108	3.6%								
Pb	376426	27	20	29.8%	376440	35	37	5.6%								
Rb	376426	< 50	< 50	0.0%	376440	< 50	< 50	0.0%								
S	376426	1.81	1.99	9.5%	376440	0.18	0.18	0.0%								
Sb	376426	< 1	< 1	0.0%	376440	< 1	< 1	0.0%								
Sc	376426	5	5	0.0%	376440	2	2	0.0%								
Se	376426	< 10	< 10	0.0%	376440	< 10	< 10	0.0%								
Sn	376426	< 5	< 5	0.0%	376440	< 5	< 5	0.0%								
Sr	376426	151	152	0.7%	376440	310	304	2.0%								
Ta	376426	< 10	< 10	0.0%	376440	< 10	< 10	0.0%								
Te	376426	< 10	< 10	0.0%	376440	< 10	< 10	0.0%								
Th	376426	< 5	< 5	0.0%	376440	< 5	< 5	0.0%								
Ti	376426	0.17	0.17	0.0%	376440	0.03	0.03	0.0%								
Tl	376426	< 5	< 5	0.0%	376440	< 5	< 5	0.0%								
U	376426	< 50	< 50	0.0%	376440	< 50	< 50	0.0%								
V	376426	10.9	9.53	13.4%	376440	2.6	2.8	7.4%								
W	376426	< 1	< 1	0.0%	376440	< 1	< 1	0.0%								
Y	376426	3	3	0.0%	376440	2	2	0.0%								
Zn	376426	181	177	2.2%	376440	57.7	64.9	11.7%								
Zr	376426	426	383	10.6%	376440	26	27	3.8%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	376376	0.005	0.004	22.2%	376390	0.013	0.013	0.0%	376401	0.028	0.024	15.4%	376415	0.008	0.008	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	376426	0.071	0.067	5.8%	376440	0.034	0.035	2.9%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP7M)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	3.2	106%	90% - 110%
Al	10.95	11.28	103%	90% - 110%	8.17	8.38	103%	90% - 110%	6.96	6.96	100%	90% - 110%	4.75	4.81	101%	90% - 110%
As					26	25	96%	90% - 110%	124	125	101%	90% - 110%				
Ba	340	335	99%	90% - 110%	540	509	94%	90% - 110%	186	176	94%	90% - 110%	216	214	99%	90% - 110%
Be	2.6	2.6	98%	90% - 110%	4.0	3	74%	90% - 110%								
Ca	5.72	5.58	98%	90% - 110%	0.907	0.88	97%	90% - 110%	4.01	3.75	93%	90% - 110%	10	9	94%	90% - 110%
Ce	122	115	94%	90% - 110%	98	102	104%	90% - 110%	24	22	92%	90% - 110%				
Co									22.1	22.3	101%	90% - 110%	191	173	91%	90% - 110%
Cr					60.3	64.2	106%	90% - 110%					670	662	99%	90% - 110%
Cu	7	6	85%	90% - 110%	150	150	100%	90% - 110%	88.6	88.4	100%	90% - 110%	7120	7150	100%	90% - 110%
Fe	4.34	4.22	97%	90% - 110%	3.77	3.7	98%	90% - 110%	7.56	7.14	94%	90% - 110%	12.71	11.6	91%	90% - 110%
Ga	35	33	93%	90% - 110%												
K	1.37	1.5	109%	90% - 110%					2.021	2.095	104%	90% - 110%	0.1021	0.1105	108%	90% - 110%
La	58	52	90%	90% - 110%	44	45	102%	90% - 110%					8.47	9.03	106%	90% - 110%
Li	37	38	102%	90% - 110%	47	46	99%	90% - 110%								
Mg	0.325	0.31	95%	90% - 110%	1.10	1.08	99%	90% - 110%	2.412	2.349	97%	90% - 110%	7.41	7.02	95%	90% - 110%
Mn					780	747	96%	90% - 110%	1510	1402	93%	90% - 110%				
Mo					14	14	98%	90% - 110%								
Na	5.267	5.415	103%	90% - 110%	1.624	1.672	103%	90% - 110%	0.617	0.612	99%	90% - 110%	0.112	0.116	103%	90% - 110%
Ni					32	32	100%	90% - 110%	77.1	76.6	99%	90% - 110%	2480	2321	93%	90% - 110%
P					750	744	99%	90% - 110%	892	946	106%	90% - 110%	731	688	94%	90% - 110%
Pb					31	29	93%	90% - 110%								
S									0.348	0.345	99%	90% - 110%				
Sc	1.1	0.9	80%	90% - 110%	12	13	105%	90% - 110%					21.33	21.5	101%	90% - 110%
Sr	1191	1175	99%	90% - 110%	144	149	103%	90% - 110%	92.8	87.3	94%	90% - 110%	39	37	94%	90% - 110%
Ti	0.172	0.176	102%	90% - 110%	0.53	0.481	91%	90% - 110%					0.419	0.399	95%	90% - 110%
V	8	8	100%	90% - 110%	77	81	105%	90% - 110%					158	157	100%	90% - 110%
W					5	5	98%	90% - 110%								
Y	119	120	101%	90% - 110%									12.67	13.26	105%	90% - 110%
Zn	93	95	102%	90% - 110%	130	119	92%	90% - 110%	208	196	94%	90% - 110%	112	103	92%	90% - 110%
Zr													35.7	37.1	104%	90% - 110%





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP7M)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.27	5.39	102%	90% - 110%	6.87	6.74	98%	90% - 110%	0.725	0.714	98%	90% - 110%	0.562	0.571	102%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00705  
 SAMPLING SITE:

AGAT WORK ORDER: 19T496877  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00706

AGAT WORK ORDER: 19T496883

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Aug 14, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T496883

PROJECT: AGAT00706

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C64135 (376495)		3.39
C64136 (376496)		2.49
C64137 (376497)		0.91
C64138 (376498)		-
C64139 (376499)		2.93
C64140 (376500)		3.08
C64141 (376501)		2.38
C64142 (376502)		1.17
C64143 (376503)		2.37
C64144 (376504)		1.93
C64145 (376505)		2.61
C64146 (376506)		0.07
C64147 (376507)		2.88
C64148 (376508)		2.83
C64149 (376509)		2.99
C64150 (376510)		1.48
C64151 (376511)		1.66
C64152 (376512)		0.57
C64153 (376513)		1.78
C64154 (376514)		1.01
C64155 (376515)		3.25
C64156 (376516)		3.53
C64157 (376517)		2.34
C64158 (376518)		-
C64159 (376519)		1.42
C64160 (376520)		3.33
C64161 (376521)		1.08
C64162 (376522)		2.51
C64163 (376523)		1.33
C64164 (376524)		2.03
C64165 (376525)		2.42

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T496883

PROJECT: AGAT00706

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FAX (905)501-0589  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C64166 (376526)		0.07
C64167 (376527)		3.48
C64168 (376528)		1.29
C64169 (376529)		3.35
C64170 (376530)		3.46
C64171 (376531)		3.38
C64172 (376532)		0.56
C64173 (376533)		3.06
C64174 (376534)		2.30
C64175 (376535)		2.45
C64176 (376536)		2.07
C64177 (376537)		3.49
C64178 (376538)		-
C64179 (376539)		1.34
C64180 (376540)		2.02
C64181 (376541)		2.81
C64182 (376542)		1.16
C64183 (376543)		2.44
C64184 (376544)		3.06
C64185 (376545)		1.09
C64186 (376546)		0.07
C64187 (376547)		1.41
C64188 (376548)		1.92
C64189 (376549)		3.14
C64190 (376550)		3.28
C64191 (376551)		2.72
C64192 (376552)		0.56
C64193 (376553)		3.19
C64194 (376554)		3.14
C64195 (376555)		3.29
C64196 (376556)		3.31

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T496883

PROJECT: AGAT00706

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 14, 2019


SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
C64197 (376557)		3.33
C64198 (376558)		-
C64199 (376559)		1.37
C64200 (376560)		2.51
C64201 (376561)		2.17
C64202 (376562)		3.11
C64203 (376563)		1.79
C64204 (376564)		1.53
C64205 (376565)		1.09
C64206 (376566)		0.07

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Val D'Or (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T496883

PROJECT: AGAT00706

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
C64135 (376495)		<0.5	7.51	2	2530	0.6	<1	1.11	<0.5	51	<0.5	70.8	3.2	0.98	13
C64136 (376496)		<0.5	7.27	<1	2320	0.8	<1	1.44	<0.5	17	<0.5	50.9	4.1	0.93	12
C64137 (376497)		<0.5	2.48	<1	476	3.3	<1	5.60	<0.5	79	59.3	693	75.7	7.18	24
C64138 (376498)		<0.5	2.44	<1	479	3.3	<1	5.63	<0.5	79	57.9	688	76.2	7.21	24
C64139 (376499)		0.7	7.51	2	3060	0.8	<1	1.26	<0.5	7	<0.5	41.5	2.6	0.47	12
C64140 (376500)		0.9	7.43	<1	3090	0.8	<1	1.34	<0.5	19	<0.5	60.0	11.5	0.87	11
C64141 (376501)		<0.5	3.32	<1	1150	3.8	<1	6.93	<0.5	149	49.9	609	111	8.51	28
C64142 (376502)		<0.5	6.49	1	1110	2.3	<1	0.81	<0.5	29	<0.5	59.0	8.7	1.23	11
C64143 (376503)		<0.5	3.63	<1	866	5.4	<1	7.86	<0.5	247	50.9	476	183	9.65	35
C64144 (376504)		<0.5	3.55	<1	929	4.4	<1	8.59	<0.5	242	45.4	431	187	9.24	33
C64145 (376505)		1.5	6.72	<1	467	1.3	<1	2.22	<0.5	15	2.8	85.2	10.8	2.49	19
C64146 (376506)		<0.5	7.79	<1	195	0.7	<1	6.52	<0.5	16	38.0	180	107	8.03	31
C64147 (376507)		<0.5	7.24	<1	2530	1.3	<1	1.56	<0.5	8	<0.5	45.8	3.1	0.81	13
C64148 (376508)		<0.5	6.51	<1	2530	1.3	<1	1.35	<0.5	5	<0.5	77.0	2.2	3.07	21
C64149 (376509)		1.5	7.13	1	498	0.9	<1	2.04	<0.5	26	5.9	128	28.9	1.65	17
C64150 (376510)		<0.5	8.03	<1	653	0.8	<1	2.34	<0.5	71	30.9	437	106	5.56	27
C64151 (376511)		0.7	8.11	<1	946	0.6	<1	1.50	<0.5	21	32.8	560	116	8.07	39
C64152 (376512)		<0.5	0.07	<1	18	<0.5	<1	32.6	<0.5	<1	0.5	18.5	<0.5	0.09	<5
C64153 (376513)		<0.5	6.66	<1	301	0.6	<1	1.53	<0.5	14	25.2	393	<0.5	6.86	30
C64154 (376514)		<0.5	8.88	<1	443	1.5	<1	4.45	<0.5	74	20.1	102	56.1	4.00	27
C64155 (376515)		0.6	6.99	<1	210	0.8	<1	1.17	<0.5	51	16.9	154	34.1	6.60	34
C64156 (376516)		<0.5	7.99	<1	44	<0.5	<1	0.77	<0.5	16	34.1	644	10.5	9.88	35
C64157 (376517)		<0.5	7.81	<1	185	<0.5	<1	0.61	<0.5	15	46.6	641	74.2	8.46	38
C64158 (376518)		<0.5	7.88	<1	188	<0.5	<1	0.61	<0.5	17	46.8	661	72.0	8.48	36
C64159 (376519)		<0.5	6.84	<1	89	<0.5	2	0.50	<0.5	19	38.0	402	40.0	8.62	33
C64160 (376520)		<0.5	6.21	<1	222	1.1	<1	1.10	<0.5	49	28.0	187	8.5	11.3	36
C64161 (376521)		<0.5	6.86	<1	304	<0.5	<1	0.57	<0.5	59	22.6	87.0	<0.5	11.3	42
C64162 (376522)		<0.5	7.18	<1	766	<0.5	<1	1.14	<0.5	117	17.2	72.8	8.1	8.31	38
C64163 (376523)		0.6	8.25	<1	446	1.0	<1	2.61	<0.5	73	4.5	85.9	34.4	4.18	24
C64164 (376524)		0.8	6.33	<1	649	1.1	<1	1.38	<0.5	41	6.6	80.1	19.9	3.77	21
C64165 (376525)		<0.5	4.96	<1	468	1.6	<1	2.65	<0.5	67	31.0	263	69.8	8.50	35
C64166 (376526)		<0.5	7.44	<1	149	<0.5	<1	6.79	<0.5	5	39.2	193	156	8.15	31

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T496883

PROJECT: AGAT00706

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
C64167 (376527)		<0.5	5.75	<1	145	<0.5	<1	0.74	<0.5	58	16.2	129	20.3	7.71	30
C64168 (376528)		<0.5	3.40	<1	553	1.4	<1	6.52	<0.5	85	58.8	579	106	9.20	36
C64169 (376529)		<0.5	6.98	<1	192	0.6	<1	0.70	<0.5	44	11.9	108	14.0	8.15	34
C64170 (376530)		<0.5	6.03	<1	266	1.2	<1	1.68	<0.5	55	26.8	194	27.1	8.82	33
C64171 (376531)		<0.5	7.16	<1	186	0.6	<1	0.43	<0.5	45	17.0	98.0	17.2	8.75	34
C64172 (376532)		<0.5	0.10	<1	16	<0.5	<1	32.2	<0.5	<1	0.5	7.2	<0.5	0.12	<5
C64173 (376533)		<0.5	7.36	<1	121	0.6	<1	0.40	<0.5	44	17.8	103	9.8	9.03	33
C64174 (376534)		<0.5	6.82	<1	103	0.7	<1	0.38	<0.5	47	17.1	131	6.3	8.80	30
C64175 (376535)		<0.5	6.64	<1	208	<0.5	<1	0.36	<0.5	45	17.0	104	4.1	8.00	30
C64176 (376536)		<0.5	5.85	<1	234	0.6	<1	0.36	<0.5	45	17.0	130	3.1	7.25	27
C64177 (376537)		<0.5	6.94	<1	117	0.7	<1	0.35	<0.5	38	18.2	120	29.2	9.66	34
C64178 (376538)		<0.5	6.81	<1	112	0.7	<1	0.35	<0.5	40	18.3	133	28.9	9.48	36
C64179 (376539)		<0.5	6.74	<1	163	<0.5	<1	0.37	0.5	42	11.2	118	38.2	11.8	39
C64180 (376540)		<0.5	5.85	<1	231	<0.5	<1	0.42	0.7	45	21.9	140	173	13.4	38
C64181 (376541)		<0.5	6.48	<1	276	0.8	<1	0.75	0.7	50	11.4	137	40.6	9.78	34
C64182 (376542)		<0.5	8.04	<1	408	1.1	<1	2.93	<0.5	47	10.5	85.3	72.4	8.25	33
C64183 (376543)		<0.5	7.77	<1	431	1.6	<1	4.04	<0.5	36	10.7	62.5	40.5	7.77	32
C64184 (376544)		<0.5	3.89	<1	763	1.7	<1	7.01	<0.5	97	52.5	630	66.3	8.09	31
C64185 (376545)		<0.5	7.59	<1	284	0.9	<1	5.60	<0.5	19	31.7	262	19.4	6.09	24
C64186 (376546)		<0.5	7.89	<1	197	0.7	<1	6.42	<0.5	16	39.3	140	109	7.93	33
C64187 (376547)		1.1	7.37	<1	617	1.1	<1	2.69	<0.5	59	5.3	77.2	40.0	5.83	26
C64188 (376548)		1.4	7.65	<1	441	1.2	<1	2.94	<0.5	64	3.3	78.7	42.8	4.56	25
C64189 (376549)		<0.5	8.92	<1	418	1.1	<1	4.71	<0.5	28	19.6	44.5	16.2	6.27	28
C64190 (376550)		<0.5	8.76	<1	288	0.7	<1	4.57	<0.5	27	20.4	35.0	3.1	6.30	29
C64191 (376551)		<0.5	8.85	<1	349	0.8	<1	4.83	<0.5	28	18.7	36.0	43.2	6.21	27
C64192 (376552)		<0.5	0.08	<1	18	<0.5	<1	28.4	<0.5	<1	0.6	13.7	<0.5	0.14	<5
C64193 (376553)		1.5	5.91	<1	1960	0.6	<1	1.01	<0.5	7	<0.5	47.6	2.6	2.45	18
C64194 (376554)		0.9	6.80	<1	3200	<0.5	<1	0.65	<0.5	5	<0.5	38.8	6.3	1.36	13
C64195 (376555)		1.4	6.25	1	2030	<0.5	<1	0.97	<0.5	4	<0.5	42.3	6.4	1.52	14
C64196 (376556)		<0.5	7.31	<1	2860	0.5	<1	0.91	<0.5	4	<0.5	34.1	6.7	0.83	12
C64197 (376557)		<0.5	7.46	1	3150	<0.5	<1	0.89	<0.5	4	<0.5	41.2	2.8	1.81	17
C64198 (376558)		<0.5	7.29	<1	3070	<0.5	<1	0.88	<0.5	4	<0.5	48.4	3.2	1.82	17

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T496883

PROJECT: AGAT00706

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
C64199 (376559)		0.9	4.54	<1	1080	<0.5	<1	0.72	<0.5	<1	3.5	95.1	<0.5	16.3	73
C64200 (376560)		<0.5	6.94	1	3550	<0.5	<1	0.53	<0.5	5	<0.5	43.9	2.8	0.98	12
C64201 (376561)		1.0	7.61	<1	867	0.8	<1	1.84	<0.5	12	<0.5	47.1	2.5	1.64	18
C64202 (376562)		1.2	6.45	<1	232	0.9	<1	1.77	<0.5	39	6.0	91.1	91.9	3.72	21
C64203 (376563)		0.8	6.98	<1	342	0.9	<1	1.84	<0.5	64	4.1	59.5	65.1	3.05	20
C64204 (376564)		0.7	7.88	2	715	0.9	<1	1.79	<0.5	57	1.1	41.2	14.0	1.61	16
C64205 (376565)		1.1	6.34	<1	1010	0.5	<1	0.88	<0.5	10	<0.5	53.6	7.6	0.61	10
C64206 (376566)		<0.5	7.50	<1	149	<0.5	<1	6.77	<0.5	5	40.6	126	154	8.15	31

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SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
C64135 (376495)		<1	4.58	29	2	0.14	73	2.3	2.31	6.3	47	<20	<50	0.02	<1
C64136 (376496)		<1	3.34	9	10	0.37	105	1.9	2.91	14.6	73	<20	<50	0.02	<1
C64137 (376497)		<1	2.10	39	130	9.84	1200	2.8	2.58	519	1330	<20	<50	0.18	4
C64138 (376498)		<1	2.07	40	132	9.84	1190	2.5	2.61	513	1290	<20	<50	0.18	3
C64139 (376499)		<1	3.59	5	4	0.11	48	1.9	2.69	3.8	41	<20	<50	0.03	<1
C64140 (376500)		<1	3.58	9	5	0.40	129	4.5	3.29	8.4	107	<20	<50	0.07	<1
C64141 (376501)		<1	2.30	71	41	9.65	1440	3.0	1.15	423	1710	<20	<50	0.23	2
C64142 (376502)		<1	0.91	14	10	0.77	99	2.3	4.22	12.2	99	<20	<50	0.08	1
C64143 (376503)		<1	2.50	114	15	8.00	1690	1.9	1.68	282	2400	<20	<50	0.37	<1
C64144 (376504)		<1	2.67	115	16	7.14	1780	5.6	1.57	232	1810	<20	<50	0.33	<1
C64145 (376505)		<1	0.57	8	18	0.33	179	3.4	3.23	11.2	163	<20	<50	0.08	2
C64146 (376506)		<1	0.46	9	11	4.49	1420	2.1	2.42	107	886	<20	<50	0.11	2
C64147 (376507)		<1	2.77	5	3	0.05	54	1.7	2.86	2.4	37	<20	<50	0.02	<1
C64148 (376508)		<1	2.66	4	2	0.03	103	2.4	2.40	4.4	30	<20	<50	0.05	<1
C64149 (376509)		<1	1.00	13	11	0.56	152	2.2	2.85	37.9	180	<20	<50	0.16	<1
C64150 (376510)		<1	2.72	36	36	3.08	550	3.1	2.16	167	692	<20	<50	0.66	3
C64151 (376511)		<1	3.80	12	55	3.94	693	2.5	1.70	229	513	<20	<50	0.78	4
C64152 (376512)		<1	0.01	2	<1	1.62	116	<0.5	0.04	0.8	80	<20	<50	0.05	1
C64153 (376513)		<1	2.97	7	59	4.56	721	2.0	1.40	129	1150	<20	<50	0.04	2
C64154 (376514)		<1	0.35	33	13	2.06	577	1.8	2.54	39.5	1050	<20	<50	0.60	<1
C64155 (376515)		<1	0.92	22	74	3.20	404	2.9	1.54	34.2	1360	<20	<50	0.49	2
C64156 (376516)		<1	1.95	9	135	6.20	853	2.9	1.30	236	438	<20	<50	0.19	5
C64157 (376517)		<1	3.64	8	48	5.05	419	2.7	1.29	342	376	<20	<50	0.83	3
C64158 (376518)		<1	3.74	9	49	5.08	414	2.6	1.32	339	388	<20	<50	0.81	3
C64159 (376519)		<1	2.91	10	48	4.59	691	2.6	1.02	180	815	<20	<50	0.54	3
C64160 (376520)		<1	0.84	22	32	3.77	1010	4.1	0.63	60.9	1480	<20	<50	0.10	1
C64161 (376521)		<1	2.87	26	38	3.29	1140	3.6	0.36	5.0	1340	<20	<50	0.07	1
C64162 (376522)		<1	3.10	55	43	2.64	960	3.0	1.39	5.7	1730	<20	<50	0.28	1
C64163 (376523)		<1	1.59	30	17	1.45	720	2.7	2.39	5.8	645	<20	<50	0.54	1
C64164 (376524)		<1	1.62	22	22	1.18	328	2.5	2.31	3.9	111	<20	<50	0.46	<1
C64165 (376525)		<1	2.26	32	40	5.08	1050	4.3	1.71	182	1080	<20	<50	1.03	<1
C64166 (376526)		<1	0.21	3	13	4.42	1460	1.7	2.33	84.7	450	<20	<50	0.18	2

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

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SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
C64167 (376527)		<1	1.18	24	27	2.64	545	3.2	0.64	13.6	1580	<20	<50	0.84	<1
C64168 (376528)		<1	1.38	42	10	9.35	1350	2.7	1.21	462	1360	<20	<50	0.27	2
C64169 (376529)		<1	0.82	19	33	3.32	699	3.0	0.76	21.1	1410	<20	<50	0.45	2
C64170 (376530)		<1	0.74	24	29	4.47	803	3.2	0.55	125	1400	<20	<50	0.30	1
C64171 (376531)		<1	0.53	19	44	3.17	730	3.6	0.39	5.4	1140	<20	<50	0.41	2
C64172 (376532)		<1	0.04	2	1	2.29	119	<0.5	0.04	0.8	102	<20	<50	0.07	<1
C64173 (376533)		<1	0.46	19	48	3.28	793	3.5	0.28	5.0	1100	<20	<50	0.32	2
C64174 (376534)		<1	0.44	20	41	2.95	762	3.9	0.41	7.0	1080	<20	<50	0.39	1
C64175 (376535)		<1	0.73	19	34	2.71	570	3.4	0.22	5.3	1290	<20	<50	0.57	<1
C64176 (376536)		<1	0.83	19	27	2.50	572	3.7	0.27	6.9	1250	<20	<50	0.42	<1
C64177 (376537)		<1	0.63	17	39	3.17	812	4.1	0.69	4.2	1110	<20	<50	0.55	<1
C64178 (376538)		<1	0.60	17	38	3.14	802	3.7	0.68	5.1	1130	<20	<50	0.53	<1
C64179 (376539)		<1	0.75	18	19	2.79	1480	4.1	0.24	5.2	1030	<20	<50	0.63	1
C64180 (376540)		<1	1.01	20	16	2.26	1500	5.0	0.42	6.6	1080	<20	<50	2.39	1
C64181 (376541)		<1	1.28	21	21	2.56	1620	4.1	0.77	4.6	1230	<20	<50	0.76	2
C64182 (376542)		<1	1.25	20	17	2.31	1860	3.4	1.80	4.3	1170	<20	<50	1.43	<1
C64183 (376543)		<1	1.17	15	20	1.79	1800	3.2	2.03	9.4	1240	<20	<50	0.76	<1
C64184 (376544)		<1	1.91	48	21	9.34	1450	2.3	0.99	429	1860	<20	<50	0.19	1
C64185 (376545)		<1	0.96	9	27	5.08	1290	1.7	1.87	198	610	<20	<50	0.08	1
C64186 (376546)		<1	0.47	9	11	4.57	1400	1.9	2.36	111	978	<20	<50	0.11	<1
C64187 (376547)		<1	1.35	24	16	1.35	2320	3.2	1.65	4.6	696	<20	<50	0.34	1
C64188 (376548)		<1	1.29	27	16	1.05	1270	4.2	1.89	3.6	781	<20	<50	0.31	2
C64189 (376549)		<1	1.12	13	24	1.68	1030	2.2	2.16	7.4	648	<20	<50	0.10	1
C64190 (376550)		<1	0.87	12	33	1.71	1010	2.0	2.32	9.5	627	<20	<50	0.05	2
C64191 (376551)		<1	0.92	13	29	1.71	995	2.2	2.19	7.1	634	<20	<50	0.20	<1
C64192 (376552)		<1	0.01	2	1	3.29	129	<0.5	0.04	1.0	85	<20	<50	0.06	<1
C64193 (376553)		<1	3.39	4	7	0.15	236	2.1	1.46	1.6	52	<20	<50	0.03	1
C64194 (376554)		<1	5.23	3	11	0.21	139	1.9	1.37	2.8	44	24	<50	0.03	<1
C64195 (376555)		<1	3.46	3	13	0.24	156	1.9	1.76	1.5	39	<20	<50	0.07	<1
C64196 (376556)		<1	4.68	3	4	0.06	67	2.1	2.14	4.1	53	22	<50	0.02	<1
C64197 (376557)		<1	5.00	3	4	0.09	135	1.7	2.09	1.0	47	25	<50	0.02	<1
C64198 (376558)		<1	4.87	3	4	0.09	132	1.6	2.06	1.9	46	26	<50	0.02	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T496883

PROJECT: AGAT00706

5623 McADAM ROAD  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
C64199 (376559)		<1	2.07	2	6	0.08	900	4.0	1.60	1.9	<10	<20	<50	0.02	3
C64200 (376560)		<1	5.72	4	4	0.06	70	2.1	1.70	2.0	47	25	<50	0.02	1
C64201 (376561)		<1	1.64	7	3	0.05	106	1.8	3.23	0.8	53	<20	<50	0.03	<1
C64202 (376562)		<1	0.91	19	11	0.26	229	3.5	2.85	7.1	104	<20	<50	1.29	1
C64203 (376563)		<1	1.19	27	20	0.36	184	3.1	2.76	4.6	229	<20	<50	1.10	<1
C64204 (376564)		<1	2.34	29	15	0.32	153	1.9	2.96	2.4	195	<20	<50	0.36	<1
C64205 (376565)		<1	3.87	5	9	0.08	59	2.3	1.90	4.2	65	25	<50	0.16	1
C64206 (376566)		<1	0.21	3	13	4.46	1450	1.8	2.32	87.2	444	<20	<50	0.18	2

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
C64135 (376495)	1	<10	<5	287	<10	<10	9	0.06	<5	<50	6.8	<1	1	18.6
C64136 (376496)	2	<10	<5	287	<10	<10	<5	0.10	<5	<50	13.0	<1	3	17.9
C64137 (376497)	20	<10	<5	565	<10	<10	<5	0.74	<5	<50	211	<1	18	71.7
C64138 (376498)	20	<10	<5	557	<10	<10	<5	0.76	<5	<50	210	<1	18	72.0
C64139 (376499)	<1	<10	<5	313	<10	<10	<5	0.04	<5	<50	3.2	<1	2	18.7
C64140 (376500)	3	<10	<5	326	<10	<10	12	0.12	<5	<50	14.2	<1	4	48.2
C64141 (376501)	23	<10	<5	799	<10	<10	<5	1.21	<5	<50	225	<1	26	78.1
C64142 (376502)	2	<10	<5	203	<10	<10	30	0.03	<5	<50	10.2	<1	6	13.0
C64143 (376503)	29	<10	<5	997	<10	<10	<5	1.66	<5	<50	262	<1	34	106
C64144 (376504)	27	<10	<5	1060	<10	<10	<5	1.49	<5	<50	258	<1	31	113
C64145 (376505)	2	<10	<5	343	<10	<10	<5	0.13	<5	<50	24.8	<1	4	58.2
C64146 (376506)	35	<10	<5	253	<10	<10	<5	0.87	<5	<50	237	<1	22	94.9
C64147 (376507)	<1	<10	<5	351	<10	<10	<5	0.02	<5	<50	5.1	<1	2	12.2
C64148 (376508)	<1	<10	<5	302	<10	<10	<5	0.06	<5	<50	18.0	<1	2	36.9
C64149 (376509)	3	<10	<5	308	<10	<10	<5	0.13	<5	<50	25.7	<1	2	52.7
C64150 (376510)	20	<10	<5	278	<10	<10	<5	0.39	<5	<50	137	<1	11	129
C64151 (376511)	20	<10	<5	204	<10	<10	<5	0.52	<5	<50	151	<1	12	197
C64152 (376512)	<1	<10	<5	73	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	3.2
C64153 (376513)	35	<10	<5	181	<10	<10	<5	0.28	<5	<50	107	<1	16	92.4
C64154 (376514)	11	<10	<5	529	<10	<10	<5	0.33	<5	<50	87.9	<1	16	34.5
C64155 (376515)	13	<10	<5	109	<10	<10	<5	0.44	<5	<50	43.0	<1	19	85.8
C64156 (376516)	28	<10	<5	41	<10	<10	<5	0.41	<5	<50	163	<1	17	65.8
C64157 (376517)	29	<10	<5	58	<10	<10	<5	0.48	<5	<50	184	<1	11	60.7
C64158 (376518)	29	<10	<5	59	<10	<10	<5	0.50	<5	<50	189	<1	12	60.8
C64159 (376519)	22	<10	<5	39	<10	11	<5	0.39	<5	<50	125	<1	16	50.2
C64160 (376520)	21	<10	<5	76	<10	<10	<5	0.56	<5	<50	33.7	<1	40	41.8
C64161 (376521)	20	<10	<5	23	<10	<10	<5	0.58	<5	<50	14.6	<1	42	57.7
C64162 (376522)	21	<10	<5	125	<10	<10	<5	0.62	<5	<50	32.9	<1	39	123
C64163 (376523)	12	<10	<5	370	<10	<10	<5	0.26	<5	<50	14.2	<1	28	97.5
C64164 (376524)	9	<10	<5	184	<10	<10	<5	0.36	<5	<50	26.9	<1	4	147
C64165 (376525)	22	<10	<5	276	<10	<10	<5	0.99	<5	<50	86.0	<1	23	126
C64166 (376526)	46	<10	<5	112	<10	<10	<5	0.69	<5	<50	303	<1	22	83.0

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T496883

PROJECT: AGAT00706

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
C64167 (376527)	21	<10	<5	55	<10	<10	<5	0.52	<5	<50	22.8	<1	35	47.8
C64168 (376528)	22	<10	<5	621	<10	<10	<5	1.69	<5	<50	236	<1	23	94.0
C64169 (376529)	23	<10	<5	71	<10	<10	<5	0.46	<5	<50	26.8	<1	39	61.0
C64170 (376530)	20	<10	<5	134	<10	<10	<5	0.76	<5	<50	62.5	<1	34	57.6
C64171 (376531)	21	<10	<5	22	<10	<10	<5	0.44	<5	<50	22.4	<1	39	52.4
C64172 (376532)	<1	<10	<5	72	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	4.8
C64173 (376533)	22	<10	<5	20	<10	<10	<5	0.52	<5	<50	24.2	<1	41	49.9
C64174 (376534)	23	<10	<5	29	<10	<10	<5	0.48	<5	<50	22.4	<1	39	48.8
C64175 (376535)	26	<10	<5	25	<10	<10	<5	0.55	<5	<50	25.2	<1	38	66.3
C64176 (376536)	24	<10	<5	21	<10	<10	<5	0.57	<5	<50	23.0	<1	36	76.4
C64177 (376537)	20	<10	<5	24	<10	<10	<5	0.47	<5	<50	25.4	<1	33	87.2
C64178 (376538)	20	<10	<5	25	<10	<10	<5	0.47	<5	<50	25.0	<1	33	85.8
C64179 (376539)	24	<10	<5	10	<10	<10	<5	0.67	<5	<50	30.2	<1	37	183
C64180 (376540)	22	<10	<5	10	<10	<10	<5	0.58	<5	<50	29.0	<1	37	277
C64181 (376541)	22	<10	<5	57	<10	<10	<5	0.64	<5	<50	24.7	<1	36	276
C64182 (376542)	20	<10	<5	154	<10	<10	<5	0.59	<5	<50	23.2	<1	41	222
C64183 (376543)	26	<10	<5	131	<10	<10	<5	0.59	<5	<50	36.9	<1	41	167
C64184 (376544)	23	<10	<5	619	<10	<10	<5	1.43	<5	<50	218	<1	21	116
C64185 (376545)	23	<10	<5	112	<10	<10	<5	0.38	<5	<50	142	<1	15	106
C64186 (376546)	35	<10	<5	247	<10	<10	<5	0.87	<5	<50	240	<1	22	95.9
C64187 (376547)	19	<10	<5	106	<10	<10	<5	0.35	<5	<50	15.9	<1	54	161
C64188 (376548)	19	<10	<5	127	<10	<10	<5	0.41	<5	<50	9.4	<1	48	169
C64189 (376549)	20	<10	<5	173	<10	<10	<5	0.62	<5	<50	155	<1	23	96.2
C64190 (376550)	19	<10	<5	163	<10	<10	<5	0.60	<5	<50	171	<1	22	91.5
C64191 (376551)	19	<10	<5	174	<10	<10	<5	0.62	<5	<50	153	<1	23	101
C64192 (376552)	<1	<10	<5	60	<10	<10	<5	<0.01	<5	<50	1.7	<1	2	3.5
C64193 (376553)	2	<10	<5	178	<10	<10	<5	0.10	<5	<50	22.6	<1	3	58.8
C64194 (376554)	3	<10	<5	218	<10	<10	<5	0.11	<5	<50	9.5	<1	2	77.9
C64195 (376555)	3	<10	<5	192	<10	<10	<5	0.12	<5	<50	11.3	<1	1	69.0
C64196 (376556)	<1	<10	<5	241	<10	<10	<5	0.04	<5	<50	4.0	<1	<1	20.8
C64197 (376557)	2	<10	<5	250	<10	<10	<5	0.08	<5	<50	7.6	<1	<1	61.2
C64198 (376558)	2	<10	<5	244	<10	<10	<5	0.07	<5	<50	7.4	<1	<1	59.8

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T496883

PROJECT: AGAT00706

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm
C64199 (376559)		3	<10	<5	133	<10	14	<5	0.37	<5	<50	43.4	<1	3	335
C64200 (376560)		<1	<10	<5	229	<10	<10	<5	0.04	<5	<50	4.1	<1	<1	22.2
C64201 (376561)		1	<10	<5	219	<10	<10	<5	0.05	<5	<50	6.5	<1	1	40.5
C64202 (376562)		4	<10	<5	149	<10	<10	<5	0.15	<5	<50	6.8	<1	5	97.7
C64203 (376563)		8	<10	<5	141	<10	<10	<5	0.22	<5	<50	10.3	<1	8	87.9
C64204 (376564)		5	<10	<5	179	<10	<10	9	0.14	<5	<50	11.5	<1	5	71.8
C64205 (376565)		1	<10	<5	144	<10	<10	<5	0.03	<5	<50	2.9	<1	2	21.2
C64206 (376566)		46	<10	<5	111	<10	<10	<5	0.69	<5	<50	304	<1	22	85.3

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
C64135 (376495)			129
C64136 (376496)			108
C64137 (376497)			99
C64138 (376498)			104
C64139 (376499)			128
C64140 (376500)			165
C64141 (376501)			57
C64142 (376502)			80
C64143 (376503)			161
C64144 (376504)			97
C64145 (376505)			274
C64146 (376506)			82
C64147 (376507)			86
C64148 (376508)			67
C64149 (376509)			277
C64150 (376510)			101
C64151 (376511)			140
C64152 (376512)			<5
C64153 (376513)			94
C64154 (376514)			148
C64155 (376515)			155
C64156 (376516)			67
C64157 (376517)			32
C64158 (376518)			31
C64159 (376519)			33
C64160 (376520)			61
C64161 (376521)			32
C64162 (376522)			113
C64163 (376523)			162
C64164 (376524)			162
C64165 (376525)			152
C64166 (376526)			56

Certified By:





## Certificate of Analysis

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ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C64167 (376527)				47
C64168 (376528)				99
C64169 (376529)				45
C64170 (376530)				70
C64171 (376531)				33
C64172 (376532)				<5
C64173 (376533)				29
C64174 (376534)				24
C64175 (376535)				25
C64176 (376536)				20
C64177 (376537)				23
C64178 (376538)				20
C64179 (376539)				26
C64180 (376540)				18
C64181 (376541)				32
C64182 (376542)				114
C64183 (376543)				58
C64184 (376544)				154
C64185 (376545)				70
C64186 (376546)				94
C64187 (376547)				248
C64188 (376548)				231
C64189 (376549)				129
C64190 (376550)				132
C64191 (376551)				125
C64192 (376552)				<5
C64193 (376553)				258
C64194 (376554)				161
C64195 (376555)				235
C64196 (376556)				31
C64197 (376557)				48
C64198 (376558)				49

Certified By:



## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C64199 (376559)				177
C64200 (376560)				26
C64201 (376561)				176
C64202 (376562)				215
C64203 (376563)				168
C64204 (376564)				164
C64205 (376565)				180
C64206 (376566)				56

Comments: RDL - Reported Detection Limit

376495-376566 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

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PROJECT: AGAT00706

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C64135 (376495)			0.004
C64136 (376496)			<0.001
C64137 (376497)			<0.001
C64138 (376498)			0.002
C64139 (376499)			<0.001
C64140 (376500)			0.001
C64141 (376501)			0.001
C64142 (376502)			<0.001
C64143 (376503)			0.001
C64144 (376504)			0.004
C64145 (376505)			0.002
C64146 (376506)			0.335
C64147 (376507)			<0.001
C64148 (376508)			0.005
C64149 (376509)			0.003
C64150 (376510)			0.006
C64151 (376511)			0.010
C64152 (376512)			<0.001
C64153 (376513)			0.001
C64154 (376514)			0.001
C64155 (376515)			0.002
C64156 (376516)			0.006
C64157 (376517)			0.005
C64158 (376518)			0.004
C64159 (376519)			0.009
C64160 (376520)			0.004
C64161 (376521)			<0.001
C64162 (376522)			0.004
C64163 (376523)			0.001
C64164 (376524)			0.003
C64165 (376525)			0.003
C64166 (376526)			0.527

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T496883

PROJECT: AGAT00706

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C64167 (376527)			0.003
C64168 (376528)			0.002
C64169 (376529)			0.002
C64170 (376530)			0.003
C64171 (376531)			0.004
C64172 (376532)			<0.001
C64173 (376533)			0.003
C64174 (376534)			0.001
C64175 (376535)			0.002
C64176 (376536)			<0.001
C64177 (376537)			0.001
C64178 (376538)			0.001
C64179 (376539)			0.010
C64180 (376540)			0.040
C64181 (376541)			0.011
C64182 (376542)			0.004
C64183 (376543)			0.002
C64184 (376544)			<0.001
C64185 (376545)			0.003
C64186 (376546)			0.341
C64187 (376547)			0.002
C64188 (376548)			0.001
C64189 (376549)			0.003
C64190 (376550)			0.001
C64191 (376551)			0.003
C64192 (376552)			<0.001
C64193 (376553)			0.003
C64194 (376554)			<0.001
C64195 (376555)			<0.001
C64196 (376556)			0.024
C64197 (376557)			0.006
C64198 (376558)			<0.001

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T496883

PROJECT: AGAT00706

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C64199 (376559)			<0.001
C64200 (376560)			<0.001
C64201 (376561)			0.002
C64202 (376562)			0.019
C64203 (376563)			0.012
C64204 (376564)			0.005
C64205 (376565)			0.003
C64206 (376566)			0.544

 Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T496883

PROJECT: AGAT00706

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
C64135 (376495)		82.76
C64154 (376514)		80.73
C64174 (376534)		81.93
C64194 (376554)		81.22

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Val D'Or (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T496883

PROJECT: AGAT00706

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 23, 2019

DATE RECEIVED: Jul 24, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
C64135 (376495)		85.76
C64174 (376534)		87.12

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Val D'Or (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	376495	0.5	0.5	0.0%	376509	1.5	1.3	14.3%	376520	< 0.5	< 0.5	0.0%	376534	< 0.5	< 0.5	0.0%
Al	376495	7.51	7.50	0.1%	376509	7.13	7.10	0.4%	376520	6.21	6.33	1.9%	376534	6.82	6.66	2.4%
As	376495	2	2	0.0%	376509	1	< 1		376520	< 1	< 1	0.0%	376534	< 1	< 1	0.0%
Ba	376495	2530	2520	0.4%	376509	498	498	0.0%	376520	222	212	4.6%	376534	103	100	3.0%
Be	376495	0.6	0.6	0.0%	376509	0.9	0.9	0.0%	376520	1.1	1.1	0.0%	376534	0.7	0.7	0.0%
Bi	376495	< 1	< 1	0.0%	376509	< 1	< 1	0.0%	376520	< 1	< 1	0.0%	376534	< 1	< 1	0.0%
Ca	376495	1.11	1.11	0.0%	376509	2.04	2.02	1.0%	376520	1.10	1.09	0.9%	376534	0.379	0.362	4.6%
Cd	376495	< 0.5	< 0.5	0.0%	376509	< 0.5	< 0.5	0.0%	376520	< 0.5	< 0.5	0.0%	376534	< 0.5	< 0.5	0.0%
Ce	376495	51	53	3.8%	376509	26	28	7.4%	376520	49	52	5.9%	376534	47	47	0.0%
Co	376495	< 0.5	< 0.5	0.0%	376509	5.94	5.74	3.4%	376520	28.0	27.9	0.4%	376534	17.1	17.6	2.9%
Cr	376495	70.8	59.1	18.0%	376509	128	125	2.4%	376520	187	173	7.8%	376534	131	126	3.9%
Cu	376495	3.2	2.6	20.7%	376509	28.9	27.7	4.2%	376520	8.5	8.0	6.1%	376534	6.31	6.95	9.7%
Fe	376495	0.976	0.937	4.1%	376509	1.65	1.68	1.8%	376520	11.3	11.4	0.9%	376534	8.80	8.46	3.9%
Ga	376495	13	12	8.0%	376509	17	15	12.5%	376520	36	39	8.0%	376534	30	31	3.3%
In	376495	< 1	< 1	0.0%	376509	< 1	< 1	0.0%	376520	< 1	< 1	0.0%	376534	< 1	< 1	0.0%
K	376495	4.58	4.53	1.1%	376509	1.00	1.02	2.0%	376520	0.842	0.860	2.1%	376534	0.436	0.422	3.3%
La	376495	29	31	6.7%	376509	13	14	7.4%	376520	22	23	4.4%	376534	20	20	0.0%
Li	376495	2	2	0.0%	376509	11	11	0.0%	376520	32	34	6.1%	376534	41	39	5.0%
Mg	376495	0.14	0.14	0.0%	376509	0.564	0.583	3.3%	376520	3.77	3.80	0.8%	376534	2.95	2.87	2.7%
Mn	376495	73	69	5.6%	376509	152	153	0.7%	376520	1010	1020	1.0%	376534	762	744	2.4%
Mo	376495	2.3	1.9	19.0%	376509	2.23	2.31	3.5%	376520	4.1	3.8	7.6%	376534	3.9	3.7	5.3%
Na	376495	2.31	2.32	0.4%	376509	2.85	2.82	1.1%	376520	0.63	0.64	1.6%	376534	0.41	0.40	2.5%
Ni	376495	6.3	4.5	33.3%	376509	37.9	37.9	0.0%	376520	60.9	61.0	0.2%	376534	7.02	8.07	13.9%
P	376495	47	50	6.2%	376509	180	184	2.2%	376520	1480	1520	2.7%	376534	1080	1040	3.8%
Pb	376495	< 20	< 20	0.0%	376509	< 20	< 20	0.0%	376520	< 20	< 20	0.0%	376534	< 20	< 20	0.0%
Rb	376495	< 50	< 50	0.0%	376509	< 50	< 50	0.0%	376520	< 50	< 50	0.0%	376534	< 50	< 50	0.0%
S	376495	0.018	0.014	25.0%	376509	0.157	0.152	3.2%	376520	0.104	0.109	4.7%	376534	0.39	0.40	2.5%
Sb	376495	< 1	1		376509	< 1	2		376520	1	2		376534	1	< 1	
Sc	376495	1	1	0.0%	376509	3	3	0.0%	376520	21	22	4.7%	376534	23	22	4.4%
Se	376495	< 10	< 10	0.0%	376509	< 10	< 10	0.0%	376520	< 10	< 10	0.0%	376534	< 10	< 10	0.0%
Sn	376495	< 5	< 5	0.0%	376509	< 5	< 5	0.0%	376520	< 5	< 5	0.0%	376534	< 5	< 5	0.0%





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	376495	287	285	0.7%	376509	308	305	1.0%	376520	76	74	2.7%	376534	29	28	3.5%
Ta	376495	< 10	< 10	0.0%	376509	< 10	< 10	0.0%	376520	< 10	< 10	0.0%	376534	< 10	< 10	0.0%
Te	376495	< 10	< 10	0.0%	376509	< 10	< 10	0.0%	376520	< 10	< 10	0.0%	376534	< 10	< 10	0.0%
Th	376495	9	10	10.5%	376509	< 5	< 5	0.0%	376520	< 5	< 5	0.0%	376534	< 5	< 5	0.0%
Ti	376495	0.06	0.06	0.0%	376509	0.13	0.13	0.0%	376520	0.558	0.566	1.4%	376534	0.48	0.46	4.3%
Tl	376495	< 5	< 5	0.0%	376509	< 5	< 5	0.0%	376520	< 5	< 5	0.0%	376534	< 5	< 5	0.0%
U	376495	< 50	< 50	0.0%	376509	< 50	< 50	0.0%	376520	< 50	< 50	0.0%	376534	< 50	< 50	0.0%
V	376495	6.8	6.4	6.1%	376509	25.7	26.1	1.5%	376520	33.7	33.4	0.9%	376534	22.4	22.6	0.9%
W	376495	< 1	< 1	0.0%	376509	< 1	< 1	0.0%	376520	< 1	< 1	0.0%	376534	< 1	< 1	0.0%
Y	376495	1	1	0.0%	376509	2	2	0.0%	376520	40	43	7.2%	376534	39	39	0.0%
Zn	376495	18.6	18.6	0.0%	376509	52.7	54.0	2.4%	376520	41.8	42.0	0.5%	376534	48.8	47.9	1.9%
Zr	376495	129	125	3.1%	376509	277	258	7.1%	376520	61	62	1.6%	376534	24	22	8.7%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	376545	< 0.5	< 0.5	0.0%	376559	0.93	0.83	11.4%								
Al	376545	7.59	7.61	0.3%	376559	4.54	4.56	0.4%								
As	376545	< 1	< 1	0.0%	376559	< 1	< 1	0.0%								
Ba	376545	284	281	1.1%	376559	1080	1090	0.9%								
Be	376545	0.9	0.9	0.0%	376559	< 0.5	< 0.5	0.0%								
Bi	376545	< 1	< 1	0.0%	376559	< 1	< 1	0.0%								
Ca	376545	5.60	5.65	0.9%	376559	0.72	0.72	0.0%								
Cd	376545	< 0.5	< 0.5	0.0%	376559	< 0.5	< 0.5	0.0%								
Ce	376545	19	19	0.0%	376559	< 1	< 1	0.0%								
Co	376545	31.7	31.9	0.6%	376559	3.5	3.8	8.2%								
Cr	376545	262	266	1.5%	376559	95.1	92.9	2.3%								
Cu	376545	19.4	19.9	2.5%	376559	< 0.5	< 0.5	0.0%								
Fe	376545	6.09	6.12	0.5%	376559	16.3	16.2	0.6%								
Ga	376545	24	24	0.0%	376559	73	73	0.0%								
In	376545	< 1	< 1	0.0%	376559	< 1	< 1	0.0%								
K	376545	0.958	0.954	0.4%	376559	2.07	2.09	1.0%								
La	376545	9	9	0.0%	376559	2	2	0.0%								
Li	376545	27	27	0.0%	376559	6	6	0.0%								
Mg	376545	5.08	5.03	1.0%	376559	0.08	0.08	0.0%								
Mn	376545	1290	1290	0.0%	376559	900	927	3.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	376545	1.75	1.88	7.2%	376559	3.99	3.83	4.1%								
Na	376545	1.87	1.87	0.0%	376559	1.60	1.56	2.5%								
Ni	376545	198	201	1.5%	376559	1.90	2.09	9.5%								
P	376545	610	613	0.5%	376559	< 10	12									
Pb	376545	< 20	< 20	0.0%	376559	< 20	< 20	0.0%								
Rb	376545	< 50	< 50	0.0%	376559	< 50	< 50	0.0%								
S	376545	0.082	0.089	8.2%	376559	0.02	0.02	0.0%								
Sb	376545	1	2		376559	3	2									
Sc	376545	23	23	0.0%	376559	3	3	0.0%								
Se	376545	< 10	< 10	0.0%	376559	< 10	< 10	0.0%								
Sn	376545	< 5	< 5	0.0%	376559	< 5	< 5	0.0%								
Sr	376545	112	112	0.0%	376559	133	130	2.3%								
Ta	376545	< 10	< 10	0.0%	376559	< 10	< 10	0.0%								
Te	376545	< 10	< 10	0.0%	376559	14	11	24.0%								
Th	376545	< 5	< 5	0.0%	376559	< 5	< 5	0.0%								
Ti	376545	0.38	0.38	0.0%	376559	0.37	0.37	0.0%								
Tl	376545	< 5	< 5	0.0%	376559	< 5	< 5	0.0%								
U	376545	< 50	< 50	0.0%	376559	< 50	< 50	0.0%								
V	376545	142	143	0.7%	376559	43.4	44.4	2.3%								
W	376545	< 1	< 1	0.0%	376559	< 1	< 1	0.0%								
Y	376545	15	16	6.5%	376559	3	2									
Zn	376545	106	104	1.9%	376559	335	320	4.6%								
Zr	376545	70	68	2.9%	376559	177	190	7.1%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	376495	0.004	< 0.001		376509	0.003	0.007		376520	0.004	0.005	22.2%	376534	0.001	0.003	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	376545	0.003	< 0.001		376559	< 0.001	< 0.001	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP5G)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	2.95	97%	90% - 110%
Al	10.95	11.27	103%	90% - 110%	8.17	8.53	104%	90% - 110%	6.96	7.11	102%	90% - 110%	4.75	5.1	107%	90% - 110%
As					26	24	90%	90% - 110%	124	127	103%	90% - 110%				
Ba	340	340	100%	90% - 110%	540	539	100%	90% - 110%	186	185	99%	90% - 110%	216	224	104%	90% - 110%
Be	2.6	2.6	102%	90% - 110%	4.0	3.2	79%	90% - 110%								
Ca	5.72	5.55	97%	90% - 110%	0.907	0.892	98%	90% - 110%	4.01	3.89	97%	90% - 110%	10	10	97%	90% - 110%
Ce	122	123	100%	90% - 110%	98	101	103%	90% - 110%	24	22	91%	90% - 110%				
Co									22.1	20.9	94%	90% - 110%	191	181	95%	90% - 110%
Cr					60.3	62.9	104%	90% - 110%					670	612	91%	90% - 110%
Cu					150	151	101%	90% - 110%	88.6	86.8	98%	90% - 110%	7120	7546	106%	90% - 110%
Fe	4.34	4.06	94%	90% - 110%	3.77	3.72	99%	90% - 110%	7.56	7.41	98%	90% - 110%	12.71	12.21	96%	90% - 110%
Ga	35	37	106%	90% - 110%												
K	1.37	1.49	109%	90% - 110%					2.021	2.132	105%	90% - 110%	0.1021	0.1107	108%	90% - 110%
La	58	58	99%	90% - 110%	44	45	103%	90% - 110%					8.47	7.69	91%	90% - 110%
Li	37	39	106%	90% - 110%	47	48	102%	90% - 110%								
Mg	0.325	0.311	96%	90% - 110%	1.10	1.14	103%	90% - 110%	2.412	2.482	103%	90% - 110%	7.41	7.72	104%	90% - 110%
Mn					780	783	100%	90% - 110%	1510	1510	100%	90% - 110%				
Mo					14	15	106%	90% - 110%								
Na	5.267	5.362	102%	90% - 110%	1.624	1.691	104%	90% - 110%	0.617	0.627	102%	90% - 110%	0.112	0.119	106%	90% - 110%
Ni					32	32	101%	90% - 110%	77.1	71.9	93%	90% - 110%	2480	2237	90%	90% - 110%
P					750	791	105%	90% - 110%	892	947	106%	90% - 110%	731	762	104%	90% - 110%
Pb					31	28	90%	90% - 110%								
S									0.348	0.378	109%	90% - 110%				
Sc	1.1	1.1	98%	90% - 110%	12	13	107%	90% - 110%					21.33	22.09	104%	90% - 110%
Sr	1191	1154	97%	90% - 110%	144	150	104%	90% - 110%	92.8	87.8	95%	90% - 110%	39	38	98%	90% - 110%
Ti	0.172	0.169	98%	90% - 110%	0.53	0.49	92%	90% - 110%					0.419	0.422	101%	90% - 110%
V	8	8	102%	90% - 110%	77	79	102%	90% - 110%					158	168	106%	90% - 110%
Y	119	124	104%	90% - 110%									12.67	13.17	104%	90% - 110%
Zn	93	97	105%	90% - 110%	130	128	98%	90% - 110%	208	216	104%	90% - 110%	112	116	104%	90% - 110%
Zr													35.7	36.4	102%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP5G)				CRM #4 (ref.1P5R)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.27	5.49	104%	90% - 110%	6.87	7.04	103%	90% - 110%	0.562	0.537	96%	90% - 110%	1.81	1.79	99%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00706  
 SAMPLING SITE:

AGAT WORK ORDER: 19T496883  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00707

AGAT WORK ORDER: 19T497449

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Aug 14, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

# Certificate of Analysis

AGAT WORK ORDER: 19T497449

PROJECT: AGAT00707

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D64361 (380255)		2.15
D64362 (380256)		0.67
D64363 (380257)		2.40
D64364 (380258)		1.83
D64365 (380259)		1.05
D64366 (380260)		0.07
D64367 (380261)		1.62
D64368 (380262)		1.87
D64369 (380263)		2.02
D64370 (380264)		2.24
D64371 (380265)		2.32
D64372 (380266)		0.52
D64373 (380267)		2.29
D64374 (380268)		2.31
D64375 (380269)		1.32
D64376 (380270)		0.61
D64377 (380271)		0.92
D64378 (380272)		0.92
D64379 (380273)		0.78
D64380 (380274)		2.37
D64381 (380275)		2.25
D64382 (380276)		1.74
D64383 (380277)		0.99
D64384 (380278)		1.11
D64385 (380279)		2.24
D64386 (380280)		0.07
D64387 (380281)		2.37
D64388 (380282)		2.35
D64389 (380283)		2.27
D64390 (380284)		2.31
D64391 (380285)		2.30

Certified By:





## Certificate of Analysis

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PROJECT: AGAT00707

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D64392 (380286)		0.56
D64393 (380287)		1.06
D64394 (380288)		0.87
D64395 (380289)		1.67
D64396 (380290)		1.20
D64397 (380291)		1.23
D64398 (380292)		1.23
D64399 (380293)		2.35
D64400 (380294)		0.98
D64401 (380295)		2.97
D64402 (380296)		1.44
D64403 (380297)		1.90
D64404 (380298)		2.13
D64405 (380299)		1.95
D64406 (380300)		0.07
D64407 (380301)		1.42
D64408 (380302)		2.81
D64409 (380303)		2.79
D64410 (380304)		2.39
D64411 (380305)		2.74
D64412 (380306)		0.57
D64413 (380307)		0.72
D64414 (380308)		2.77
D64415 (380309)		1.45
D64416 (380310)		1.81
D64417 (380311)		2.61
D64418 (380312)		2.61
D64419 (380313)		3.20
D64420 (380314)		0.87
D64421 (380315)		2.38
D64422 (380316)		2.58

Certified By:





## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D64423 (380317)		2.53
D64424 (380318)		2.22
D64425 (380319)		2.43
D64426 (380320)		0.07
D64427 (380321)		1.71
D64428 (380322)		1.60
D64429 (380323)		2.07
D64430 (380324)		1.41
D64431 (380325)		2.43
D64432 (380326)		0.56

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T497449

PROJECT: AGAT00707

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D64361 (380255)		0.5	7.01	<1	431	1.1	<1	1.76	3.0	49	32.9	13.5	875	6.56	22
D64362 (380256)		0.9	7.54	<1	590	2.8	<1	2.96	1.6	71	22.2	249	91.1	6.29	23
D64363 (380257)		<0.5	5.53	<1	427	<0.5	<1	0.47	2.8	48	20.1	22.5	547	7.82	22
D64364 (380258)		<0.5	5.46	<1	383	1.0	<1	0.37	2.2	50	23.1	67.0	560	8.41	25
D64365 (380259)		<0.5	4.96	<1	277	6.5	<1	3.91	1.5	30	44.5	900	100	6.77	22
D64366 (380260)		<0.5	7.27	<1	138	<0.5	<1	6.89	<0.5	5	39.3	172	148	8.16	25
D64367 (380261)		<0.5	7.32	<1	787	1.7	<1	1.91	<0.5	152	9.6	27.0	64.2	5.90	24
D64368 (380262)		1.0	6.97	<1	411	1.1	<1	1.96	<0.5	44	3.2	30.3	7.9	1.96	15
D64369 (380263)		10.2	2.21	<1	98	0.5	<1	0.57	<0.5	13	4.4	26.0	30.3	2.98	11
D64370 (380264)		<0.5	7.31	<1	441	0.6	<1	1.89	0.7	64	26.4	17.2	495	6.24	23
D64371 (380265)		<0.5	6.64	<1	246	0.7	<1	1.42	1.4	42	16.8	22.9	195	6.56	21
D64372 (380266)		<0.5	0.10	<1	17	<0.5	<1	31.7	<0.5	<1	<0.5	3.8	<0.5	0.09	<5
D64373 (380267)		0.8	7.46	<1	266	1.0	<1	2.26	0.7	36	16.4	19.8	301	5.96	20
D64374 (380268)		0.5	6.48	<1	279	0.5	<1	1.22	1.0	40	10.1	19.6	60.5	6.73	20
D64375 (380269)		0.7	7.24	<1	299	0.9	<1	1.86	0.9	41	9.0	16.5	101	5.68	19
D64376 (380270)		<0.5	6.02	<1	872	0.6	<1	1.20	<0.5	16	1.4	15.6	9.4	1.33	9
D64377 (380271)		2.0	6.02	<1	296	0.5	<1	0.62	1.9	68	91.3	12.7	1670	11.8	31
D64378 (380272)		2.0	5.81	<1	289	0.6	<1	0.60	1.7	70	91.9	17.2	1630	11.6	30
D64379 (380273)		<0.5	7.06	<1	312	1.4	<1	1.64	0.9	44	20.7	22.6	268	6.17	21
D64380 (380274)		<0.5	7.16	<1	217	0.8	<1	1.71	1.4	40	9.4	24.5	115	6.86	23
D64381 (380275)		0.5	7.59	<1	248	0.9	<1	2.23	0.8	41	6.9	19.9	5.3	4.81	20
D64382 (380276)		0.5	7.45	<1	266	0.9	<1	1.89	1.8	44	9.9	18.5	34.4	6.30	23
D64383 (380277)		0.8	7.07	<1	657	<0.5	<1	1.18	4.2	52	49.9	20.5	505	8.96	24
D64384 (380278)		0.8	4.95	<1	478	0.6	<1	1.37	0.7	21	6.4	29.9	84.1	2.53	14
D64385 (380279)		<0.5	7.18	<1	244	0.6	<1	1.55	1.5	38	16.5	21.6	67.9	7.07	23
D64386 (380280)		<0.5	7.41	<1	178	0.6	<1	6.35	<0.5	15	36.4	189	101	7.72	25
D64387 (380281)		0.5	6.20	<1	265	0.7	<1	1.08	1.8	41	39.0	22.6	141	6.79	20
D64388 (380282)		0.6	5.50	<1	263	0.5	<1	0.67	3.1	33	23.7	20.7	281	7.74	22
D64389 (380283)		1.5	7.15	<1	236	1.2	<1	1.57	4.2	25	26.1	17.8	780	8.69	27
D64390 (380284)		<0.5	6.39	<1	330	<0.5	<1	0.95	2.8	48	21.4	21.1	212	8.76	25
D64391 (380285)		<0.5	7.44	<1	261	0.7	<1	1.79	0.8	43	12.0	15.2	76.0	6.77	22
D64392 (380286)		<0.5	0.07	<1	13	<0.5	<1	33.2	<0.5	<1	<0.5	4.1	<0.5	0.09	<5

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T497449

PROJECT: AGAT00707

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D64393 (380287)		<0.5	6.78	<1	287	<0.5	<1	1.37	1.3	43	13.9	21.2	18.5	7.05	22
D64394 (380288)		0.7	7.44	<1	249	0.7	<1	2.31	<0.5	42	10.2	15.3	14.1	5.47	21
D64395 (380289)		<0.5	6.56	<1	314	<0.5	<1	1.04	1.1	43	12.6	22.5	91.4	7.92	24
D64396 (380290)		0.6	7.68	<1	368	0.6	<1	1.43	1.1	43	21.0	22.4	364	7.55	24
D64397 (380291)		1.1	7.22	<1	386	4.1	<1	0.95	0.5	35	12.4	15.5	97.3	7.30	26
D64398 (380292)		1.1	7.31	<1	385	4.0	<1	0.98	<0.5	33	12.5	14.6	74.5	7.29	26
D64399 (380293)		0.9	8.02	<1	266	1.1	<1	1.75	0.8	25	18.5	28.9	65.4	7.59	27
D64400 (380294)		<0.5	8.59	<1	288	0.7	<1	2.14	1.2	10	31.5	52.2	225	8.25	29
D64401 (380295)		<0.5	7.81	<1	116	0.7	<1	3.93	0.5	6	44.1	141	136	12.2	38
D64402 (380296)		<0.5	8.44	<1	173	0.6	<1	5.41	<0.5	11	44.4	206	95.1	10.8	34
D64403 (380297)		0.9	2.75	<1	689	1.2	<1	7.21	<0.5	107	65.8	1110	77.2	7.97	22
D64404 (380298)		<0.5	5.74	<1	467	1.0	<1	2.03	<0.5	14	15.0	60.1	29.5	9.14	38
D64405 (380299)		1.0	4.46	<1	248	1.5	<1	1.44	<0.5	6	4.0	26.7	1.6	2.98	15
D64406 (380300)		<0.5	7.31	<1	137	<0.5	<1	6.74	<0.5	4	39.5	182	148	7.95	26
D64407 (380301)		1.4	4.66	<1	173	1.4	<1	1.59	<0.5	5	3.1	31.8	0.7	2.61	14
D64408 (380302)		<0.5	8.38	<1	202	0.5	<1	5.08	0.8	3	37.1	49.3	47.8	8.37	26
D64409 (380303)		<0.5	7.54	<1	181	0.5	<1	3.96	0.5	2	68.8	45.1	116	12.1	33
D64410 (380304)		<0.5	7.67	<1	664	0.5	<1	1.69	<0.5	26	92.8	65.8	123	15.1	42
D64411 (380305)		<0.5	7.44	<1	187	<0.5	<1	1.03	<0.5	4	131	49.1	70.0	16.7	45
D64412 (380306)		<0.5	0.08	<1	16	<0.5	<1	31.5	<0.5	<1	0.6	3.2	<0.5	0.10	<5
D64413 (380307)		<0.5	2.94	<1	789	10.8	<1	9.91	<0.5	227	47.9	306	66.1	9.59	28
D64414 (380308)		0.6	7.47	<1	295	<0.5	<1	0.80	1.4	8	68.7	42.2	25.3	15.8	39
D64415 (380309)		0.6	6.19	<1	770	<0.5	<1	1.03	<0.5	16	59.1	35.5	82.6	9.90	28
D64416 (380310)		<0.5	3.79	2	282	1.7	<1	1.06	<0.5	7	18.4	32.1	28.9	1.88	9
D64417 (380311)		0.6	7.05	<1	587	<0.5	<1	0.94	1.0	5	78.9	46.8	57.1	13.8	35
D64418 (380312)		0.6	7.08	<1	588	<0.5	<1	0.94	1.0	6	77.5	45.7	57.3	13.8	35
D64419 (380313)		<0.5	7.63	<1	605	<0.5	<1	0.80	1.1	6	86.4	51.8	23.0	16.4	46
D64420 (380314)		0.8	4.93	<1	297	0.9	<1	1.37	<0.5	6	39.9	27.6	7.1	4.39	19
D64421 (380315)		<0.5	7.60	<1	459	0.8	<1	1.94	<0.5	18	109	75.1	30.3	9.90	33
D64422 (380316)		<0.5	7.81	<1	194	0.8	<1	2.75	<0.5	13	115	54.3	90.8	13.8	38
D64423 (380317)		<0.5	7.79	<1	119	<0.5	<1	2.65	<0.5	<1	226	50.9	105	15.2	40
D64424 (380318)		<0.5	7.85	<1	147	0.5	<1	7.12	<0.5	3	40.5	42.8	72.7	8.46	27

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T497449

PROJECT: AGAT00707

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D64425 (380319)		<0.5	8.14	<1	77	0.7	<1	6.91	0.7	3	36.5	42.5	45.4	8.38	26
D64426 (380320)		<0.5	7.62	<1	184	0.6	<1	6.51	<0.5	15	37.3	187	106	7.87	27
D64427 (380321)		<0.5	7.74	<1	110	<0.5	<1	4.47	<0.5	1	92.8	46.6	102	11.7	33
D64428 (380322)		<0.5	8.12	<1	286	<0.5	<1	5.56	<0.5	5	42.8	46.4	70.8	8.89	28
D64429 (380323)		1.7	6.76	<1	316	2.1	<1	2.26	<0.5	5	4.7	29.1	13.6	3.28	20
D64430 (380324)		2.1	4.64	<1	237	0.8	<1	2.24	<0.5	16	6.8	99.8	12.5	2.33	12
D64431 (380325)		<0.5	3.18	<1	727	1.7	<1	7.50	<0.5	115	56.6	731	96.6	8.24	28
D64432 (380326)		<0.5	0.08	<1	15	<0.5	<1	31.3	<0.5	<1	0.7	4.1	<0.5	0.12	<5

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T497449

PROJECT: AGAT00707

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DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D64361 (380255)		<1	1.70	22	13	0.63	1770	3.1	1.82	4.8	897	<20	<50	0.42	<1
D64362 (380256)		<1	2.87	34	20	2.86	1070	1.9	1.02	80.6	1710	<20	<50	0.06	1
D64363 (380257)		<1	2.45	21	17	0.78	2170	6.5	0.86	4.1	740	<20	<50	0.36	1
D64364 (380258)		<1	2.24	22	17	1.14	1660	3.6	1.00	15.4	626	<20	<50	0.40	1
D64365 (380259)		<1	2.87	13	77	7.49	1040	1.5	1.97	355	827	<20	<50	0.08	6
D64366 (380260)		<1	0.21	3	12	4.31	1360	1.6	2.26	83.5	416	<20	<50	0.15	3
D64367 (380261)		<1	2.46	74	31	1.72	877	3.3	2.13	15.7	886	<20	<50	0.06	<1
D64368 (380262)		<1	0.98	21	17	0.45	293	1.8	3.63	5.8	75	<20	<50	<0.01	1
D64369 (380263)		<1	0.28	<2	4	0.25	359	2.8	1.22	5.9	26	<20	<50	0.02	<1
D64370 (380264)		<1	1.81	31	16	1.16	1160	3.2	1.94	6.0	319	<20	<50	0.33	1
D64371 (380265)		<1	1.74	20	18	1.11	1250	2.7	1.65	6.7	527	<20	<50	0.15	<1
D64372 (380266)		<1	0.01	<2	<1	2.09	116	<0.5	0.06	<0.5	87	<20	<50	0.02	<1
D64373 (380267)		<1	1.33	17	13	0.94	1190	2.9	2.27	6.8	587	<20	<50	0.32	<1
D64374 (380268)		<1	1.98	19	28	1.76	1110	3.2	1.00	5.6	647	<20	<50	0.09	<1
D64375 (380269)		<1	1.73	19	23	1.39	1250	2.3	1.76	4.8	601	<20	<50	0.10	<1
D64376 (380270)		<1	2.69	8	3	0.24	272	1.7	1.82	1.4	169	26	<50	0.02	<1
D64377 (380271)		<1	1.88	34	22	1.48	3300	3.9	0.77	11.4	294	<20	<50	1.82	2
D64378 (380272)		<1	1.86	35	21	1.46	3270	4.3	0.76	11.6	289	<20	<50	1.88	<1
D64379 (380273)		<1	2.47	21	12	1.03	1690	2.2	3.55	8.0	1350	<20	<50	0.42	<1
D64380 (380274)		<1	1.56	19	17	1.33	1600	2.9	1.91	5.0	523	<20	<50	0.17	1
D64381 (380275)		<1	1.58	20	22	1.17	922	3.1	2.03	4.6	662	<20	<50	0.02	<1
D64382 (380276)		<1	1.78	22	26	1.40	1410	2.8	1.74	5.1	595	<20	<50	0.07	1
D64383 (380277)		<1	2.20	26	20	1.33	2790	3.3	1.35	5.6	258	<20	<50	0.67	<1
D64384 (380278)		<1	0.98	11	3	0.17	233	2.5	1.92	1.4	54	<20	<50	0.10	<1
D64385 (380279)		<1	2.06	18	16	1.33	1340	3.1	2.08	7.2	430	<20	<50	0.12	<1
D64386 (380280)		<1	0.44	9	10	4.24	1280	1.7	2.26	102	837	<20	<50	0.09	3
D64387 (380281)		<1	1.58	20	15	1.28	1350	2.9	1.13	4.8	580	<20	<50	0.18	<1
D64388 (380282)		<1	1.89	16	24	1.67	1530	32.3	0.52	5.1	609	<20	<50	0.38	<1
D64389 (380283)		<1	2.13	12	27	2.14	2410	5.8	1.20	5.2	659	<20	<50	0.87	<1
D64390 (380284)		<1	1.59	24	21	1.52	1890	7.1	0.79	6.5	440	<20	<50	0.32	2
D64391 (380285)		<1	1.53	20	20	1.35	1230	6.2	1.67	5.4	612	<20	<50	0.14	3
D64392 (380286)		<1	0.02	2	<1	1.64	103	<0.5	0.04	<0.5	77	<20	<50	0.02	1

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T497449

PROJECT: AGAT00707

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D64393 (380287)		<1	1.58	21	21	1.44	1450	2.7	1.20	5.1	613	<20	<50	0.05	1
D64394 (380288)		<1	1.54	20	19	1.52	1320	2.2	1.64	5.8	657	<20	<50	0.04	1
D64395 (380289)		<1	1.79	21	24	1.65	1660	3.2	1.01	5.4	658	<20	<50	0.20	1
D64396 (380290)		<1	2.20	22	24	1.71	1850	4.3	2.05	7.2	202	<20	<50	0.66	<1
D64397 (380291)		<1	3.78	17	86	3.35	1070	4.1	2.56	7.5	310	<20	<50	0.23	2
D64398 (380292)		<1	3.78	16	86	3.40	1060	5.5	2.60	7.2	329	<20	<50	0.21	<1
D64399 (380293)		<1	2.66	12	34	2.67	1490	15.8	1.69	14.9	580	<20	<50	0.23	1
D64400 (380294)		<1	1.88	7	22	1.90	1750	2.7	2.06	40.3	296	<20	<50	0.88	3
D64401 (380295)		<1	1.16	4	21	2.98	1860	3.0	0.81	86.7	627	<20	<50	0.93	2
D64402 (380296)		<1	1.02	7	25	3.76	1910	2.3	1.50	152	641	<20	<50	0.85	1
D64403 (380297)		<1	1.53	54	9	12.8	1340	3.1	0.53	615	2160	<20	<50	0.20	4
D64404 (380298)		<1	1.09	10	13	0.93	325	3.6	2.11	26.7	202	<20	<50	0.32	1
D64405 (380299)		<1	0.46	4	7	0.22	128	2.0	1.80	3.4	38	<20	<50	0.03	<1
D64406 (380300)		<1	0.21	3	13	4.31	1350	1.4	2.27	85.5	420	<20	<50	0.15	1
D64407 (380301)		<1	0.32	3	7	0.16	101	2.2	1.95	3.0	24	<20	<50	0.02	<1
D64408 (380302)		<1	0.92	3	16	2.90	2280	2.0	1.19	45.7	325	<20	<50	0.30	2
D64409 (380303)		<1	1.48	3	21	3.08	2370	2.7	0.93	49.5	311	<20	<50	0.71	3
D64410 (380304)		<1	2.72	15	34	3.25	2490	3.3	0.78	61.9	362	<20	<50	0.85	<1
D64411 (380305)		<1	1.90	5	22	3.08	2350	3.3	0.47	53.8	368	<20	<50	0.52	2
D64412 (380306)		<1	0.02	2	1	3.00	118	<0.5	0.04	0.6	103	<20	<50	0.02	<1
D64413 (380307)		<1	1.99	108	27	6.55	1860	3.9	2.13	249	5510	<20	<50	0.06	1
D64414 (380308)		<1	2.20	6	24	2.70	2860	3.3	0.88	37.5	222	<20	<50	0.25	3
D64415 (380309)		<1	1.89	10	19	1.58	2480	3.6	1.20	23.9	52	<20	<50	0.54	2
D64416 (380310)		<1	0.59	4	8	0.38	201	2.4	1.72	5.2	51	<20	<50	0.25	<1
D64417 (380311)		<1	1.95	5	23	2.15	3200	3.5	0.71	41.8	111	<20	<50	0.41	2
D64418 (380312)		<1	1.97	6	24	2.16	3190	3.7	0.71	43.3	114	<20	<50	0.40	1
D64419 (380313)		<1	2.78	6	30	3.21	2880	4.2	0.32	50.8	228	<20	<50	0.21	3
D64420 (380314)		<1	0.64	5	8	0.52	241	2.4	1.84	11.5	38	<20	<50	0.06	<1
D64421 (380315)		<1	2.62	10	23	2.61	1150	36.5	1.24	61.9	715	<20	<50	0.22	2
D64422 (380316)		<1	1.38	8	18	3.70	1680	3.3	0.52	58.7	381	<20	<50	0.44	2
D64423 (380317)		<1	0.72	3	15	3.57	2020	3.5	0.32	52.3	311	<20	<50	0.44	1
D64424 (380318)		<1	0.53	3	11	3.72	1660	1.5	1.01	51.2	317	<20	<50	0.21	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T497449

PROJECT: AGAT00707

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Rb ppm	S %	Sb ppm
D64425 (380319)		<1	0.56	3	12	3.53	1910	2.0	1.15	49.3	331	<20	<50	0.16	2
D64426 (380320)		<1	0.46	9	11	4.33	1300	2.0	2.38	103	871	<20	<50	0.09	1
D64427 (380321)		<1	0.51	2	15	3.28	2380	4.1	0.75	51.8	319	<20	<50	0.42	<1
D64428 (380322)		<1	1.00	4	18	3.30	1950	2.2	1.26	47.6	294	<20	<50	0.27	2
D64429 (380323)		<1	0.45	4	8	0.18	158	2.8	2.95	8.1	38	<20	<50	0.07	<1
D64430 (380324)		<1	0.39	7	11	0.86	225	2.2	2.12	42.5	252	<20	<50	0.08	<1
D64431 (380325)		<1	1.85	61	16	9.83	1350	3.5	1.00	475	2500	<20	<50	0.16	2
D64432 (380326)		<1	0.02	<2	1	3.47	135	<0.5	0.05	0.6	95	<20	<50	0.03	<1

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DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

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SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D64361 (380255)	23	<10	<5	125	<10	<10	<5	0.50	<5	<50	22.8	<1	38	348
D64362 (380256)	18	<10	<5	233	<10	<10	<5	0.64	<5	<50	101	<1	24	332
D64363 (380257)	19	<10	<5	59	<10	<10	<5	0.46	<5	<50	22.2	<1	41	397
D64364 (380258)	17	<10	<5	34	<10	<10	<5	0.40	<5	<50	21.0	<1	41	368
D64365 (380259)	21	<10	<5	72	<10	<10	<5	0.22	<5	<50	102	<1	18	260
D64366 (380260)	45	<10	<5	109	<10	<10	<5	0.70	<5	<50	301	<1	22	76.4
D64367 (380261)	22	<10	<5	152	<10	<10	15	0.59	<5	<50	40.6	<1	32	167
D64368 (380262)	6	<10	<5	187	<10	<10	<5	0.11	<5	<50	15.0	<1	7	56.6
D64369 (380263)	4	<10	<5	70	<10	<10	10	0.05	<5	<50	19.9	<1	6	62.1
D64370 (380264)	11	<10	<5	155	<10	<10	<5	0.35	<5	<50	40.8	<1	25	254
D64371 (380265)	10	<10	<5	91	<10	<10	<5	0.30	<5	<50	33.9	<1	25	307
D64372 (380266)	<1	<10	<5	66	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	3.1
D64373 (380267)	11	<10	<5	99	<10	<10	<5	0.29	<5	<50	33.3	<1	25	171
D64374 (380268)	10	<10	<5	47	<10	<10	<5	0.32	<5	<50	33.3	<1	28	272
D64375 (380269)	10	<10	<5	73	<10	<10	<5	0.31	<5	<50	32.1	<1	25	220
D64376 (380270)	2	<10	<5	159	<10	<10	<5	0.06	<5	<50	6.6	<1	5	51.4
D64377 (380271)	15	<10	<5	49	<10	<10	<5	0.38	<5	<50	43.2	<1	33	373
D64378 (380272)	15	<10	<5	49	<10	<10	<5	0.38	<5	<50	44.2	<1	33	347
D64379 (380273)	8	<10	<5	166	<10	<10	<5	0.15	<5	<50	29.7	<1	12	198
D64380 (380274)	11	<10	<5	87	<10	<10	<5	0.28	<5	<50	31.2	<1	27	270
D64381 (380275)	11	<10	<5	106	<10	<10	<5	0.31	<5	<50	30.7	<1	26	229
D64382 (380276)	12	<10	<5	114	<10	<10	<5	0.32	<5	<50	33.6	<1	32	292
D64383 (380277)	13	<10	<5	128	<10	<10	<5	0.34	<5	<50	35.1	<1	35	366
D64384 (380278)	1	<10	<5	194	<10	<10	5	0.06	<5	<50	10.3	<1	3	104
D64385 (380279)	11	<10	<5	89	<10	<10	<5	0.30	<5	<50	40.6	<1	23	301
D64386 (380280)	34	<10	<5	240	<10	<10	<5	0.87	<5	<50	235	<1	21	84.1
D64387 (380281)	10	<10	<5	70	<10	<10	<5	0.28	<5	<50	30.8	<1	26	301
D64388 (380282)	10	<10	<5	48	<10	<10	<5	0.29	<5	<50	32.1	<1	26	572
D64389 (380283)	10	<10	<5	102	<10	<10	<5	0.30	<5	<50	34.2	<1	26	426
D64390 (380284)	14	<10	<5	70	<10	<10	<5	0.37	<5	<50	41.0	<1	35	277
D64391 (380285)	11	<10	<5	101	<10	<10	<5	0.33	<5	<50	34.6	<1	28	183
D64392 (380286)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	2.4

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T497449

PROJECT: AGAT00707

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ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D64393 (380287)	12	<10	<5	89	<10	<10	<5	0.32	<5	<50	32.9	<1	33	190
D64394 (380288)	10	<10	<5	107	<10	<10	<5	0.29	<5	<50	30.0	<1	28	99.9
D64395 (380289)	12	<10	<5	62	<10	<10	<5	0.35	<5	<50	36.0	<1	31	246
D64396 (380290)	16	<10	<5	105	<10	<10	<5	0.36	<5	<50	46.9	<1	35	234
D64397 (380291)	16	<10	<5	90	<10	<10	<5	0.34	<5	<50	48.4	<1	23	268
D64398 (380292)	15	<10	<5	91	<10	<10	<5	0.34	<5	<50	48.7	<1	23	268
D64399 (380293)	14	<10	<5	83	<10	<10	<5	0.33	<5	<50	59.4	<1	32	246
D64400 (380294)	16	<10	<5	121	<10	<10	<5	0.40	<5	<50	124	<1	20	378
D64401 (380295)	38	<10	<5	72	<10	<10	<5	0.90	<5	<50	327	<1	36	231
D64402 (380296)	36	<10	<5	163	<10	<10	<5	0.94	<5	<50	314	<1	33	141
D64403 (380297)	24	<10	<5	709	<10	<10	<5	1.72	<5	<50	245	12	16	67.2
D64404 (380298)	7	<10	<5	260	<10	<10	<5	0.44	<5	<50	168	<1	3	277
D64405 (380299)	2	<10	<5	185	<10	<10	<5	0.11	<5	<50	48.0	<1	1	76.2
D64406 (380300)	46	<10	<5	109	<10	<10	<5	0.69	<5	<50	303	<1	22	73.4
D64407 (380301)	1	<10	<5	215	<10	<10	<5	0.07	<5	<50	25.2	<1	2	68.0
D64408 (380302)	40	<10	<5	119	<10	<10	<5	0.56	<5	<50	252	<1	21	237
D64409 (380303)	41	<10	<5	70	<10	<10	<5	0.51	<5	<50	249	<1	25	181
D64410 (380304)	39	<10	<5	115	<10	10	<5	0.51	<5	<50	244	<1	25	295
D64411 (380305)	39	<10	<5	47	<10	13	<5	0.50	<5	<50	251	<1	25	211
D64412 (380306)	<1	<10	<5	63	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	3.5
D64413 (380307)	24	<10	<5	1250	<10	<10	<5	1.15	<5	<50	230	<1	51	125
D64414 (380308)	38	<10	<5	37	<10	13	<5	0.48	<5	<50	190	<1	37	310
D64415 (380309)	23	<10	<5	122	<10	<10	<5	0.34	<5	<50	85.5	<1	31	207
D64416 (380310)	4	<10	<5	155	<10	<10	<5	0.10	<5	<50	20.5	<1	3	59.1
D64417 (380311)	38	<10	<5	73	<10	<10	<5	0.46	<5	<50	204	<1	33	328
D64418 (380312)	38	<10	<5	73	<10	<10	<5	0.46	<5	<50	204	<1	33	334
D64419 (380313)	41	<10	<5	20	<10	13	<5	0.54	<5	<50	254	<1	25	394
D64420 (380314)	4	<10	<5	202	<10	<10	<5	0.12	<5	<50	54.5	<1	2	95.8
D64421 (380315)	25	<10	<5	123	<10	<10	<5	0.42	<5	<50	193	<1	20	218
D64422 (380316)	38	<10	<5	42	<10	<10	<5	0.52	<5	<50	246	<1	23	213
D64423 (380317)	40	<10	<5	22	<10	14	<5	0.50	<5	<50	246	<1	24	202
D64424 (380318)	42	<10	<5	118	<10	<10	<5	0.51	<5	<50	252	<1	23	126

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T497449

PROJECT: AGAT00707

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D64425 (380319)	45	<10	<5	118	<10	<10	<5	0.52	<5	<50	256	<1	23	197
D64426 (380320)	35	<10	<5	249	<10	<10	<5	0.90	<5	<50	238	<1	22	84.3
D64427 (380321)	42	<10	<5	61	<10	<10	<5	0.50	<5	<50	250	<1	25	182
D64428 (380322)	39	<10	<5	117	<10	<10	<5	0.55	<5	<50	238	<1	20	179
D64429 (380323)	2	<10	<5	346	<10	<10	<5	0.09	<5	<50	41.9	<1	1	65.7
D64430 (380324)	3	<10	<5	303	<10	<10	<5	0.26	<5	<50	39.9	<1	4	45.3
D64431 (380325)	22	<10	<5	831	<10	<10	<5	1.90	<5	<50	266	<1	21	74.1
D64432 (380326)	<1	<10	<5	61	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	4.6

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T497449

PROJECT: AGAT00707

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Zr
	Unit:	ppm
	RDL:	5
D64361 (380255)		42
D64362 (380256)		177
D64363 (380257)		23
D64364 (380258)		65
D64365 (380259)		132
D64366 (380260)		53
D64367 (380261)		154
D64368 (380262)		136
D64369 (380263)		>1000
D64370 (380264)		90
D64371 (380265)		61
D64372 (380266)		<5
D64373 (380267)		113
D64374 (380268)		116
D64375 (380269)		129
D64376 (380270)		53
D64377 (380271)		85
D64378 (380272)		80
D64379 (380273)		44
D64380 (380274)		90
D64381 (380275)		127
D64382 (380276)		109
D64383 (380277)		63
D64384 (380278)		141
D64385 (380279)		87
D64386 (380280)		89
D64387 (380281)		99
D64388 (380282)		82
D64389 (380283)		139
D64390 (380284)		71
D64391 (380285)		86
D64392 (380286)		<5

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## Certificate of Analysis

AGAT WORK ORDER: 19T497449

PROJECT: AGAT00707

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Zr
	Unit:	ppm
	RDL:	5
D64393 (380287)		66
D64394 (380288)		144
D64395 (380289)		58
D64396 (380290)		77
D64397 (380291)		187
D64398 (380292)		187
D64399 (380293)		153
D64400 (380294)		27
D64401 (380295)		50
D64402 (380296)		47
D64403 (380297)		221
D64404 (380298)		66
D64405 (380299)		173
D64406 (380300)		56
D64407 (380301)		227
D64408 (380302)		15
D64409 (380303)		26
D64410 (380304)		43
D64411 (380305)		34
D64412 (380306)		<5
D64413 (380307)		114
D64414 (380308)		61
D64415 (380309)		77
D64416 (380310)		74
D64417 (380311)		60
D64418 (380312)		51
D64419 (380313)		46
D64420 (380314)		142
D64421 (380315)		39
D64422 (380316)		39
D64423 (380317)		29
D64424 (380318)		13

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# Certificate of Analysis

AGAT WORK ORDER: 19T497449

PROJECT: AGAT00707

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

**(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish**

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
Sample ID (AGAT ID)	RDL:
	5
D64425 (380319)	15
D64426 (380320)	90
D64427 (380321)	19
D64428 (380322)	17
D64429 (380323)	278
D64430 (380324)	333
D64431 (380325)	187
D64432 (380326)	<5

Comments: RDL - Reported Detection Limit

380255-380326 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T497449

PROJECT: AGAT00707

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D64361 (380255)			0.054
D64362 (380256)			0.006
D64363 (380257)			0.039
D64364 (380258)			0.006
D64365 (380259)			0.010
D64366 (380260)			0.536
D64367 (380261)			<0.001
D64368 (380262)			<0.001
D64369 (380263)			0.001
D64370 (380264)			0.046
D64371 (380265)			0.059
D64372 (380266)			<0.001
D64373 (380267)			0.005
D64374 (380268)			<0.001
D64375 (380269)			0.002
D64376 (380270)			<0.001
D64377 (380271)			0.082
D64378 (380272)			0.052
D64379 (380273)			0.010
D64380 (380274)			0.003
D64381 (380275)			<0.001
D64382 (380276)			0.008
D64383 (380277)			0.048
D64384 (380278)			0.004
D64385 (380279)			0.042
D64386 (380280)			0.331
D64387 (380281)			0.027
D64388 (380282)			0.011
D64389 (380283)			0.029
D64390 (380284)			0.017
D64391 (380285)			0.005
D64392 (380286)			<0.001

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## Certificate of Analysis

AGAT WORK ORDER: 19T497449

PROJECT: AGAT00707

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au	ppm	0.001	
D64393 (380287)				0.036
D64394 (380288)				0.013
D64395 (380289)				0.010
D64396 (380290)				0.014
D64397 (380291)				0.006
D64398 (380292)				0.004
D64399 (380293)				0.002
D64400 (380294)				0.010
D64401 (380295)				0.007
D64402 (380296)				0.006
D64403 (380297)				0.002
D64404 (380298)				0.002
D64405 (380299)				<0.001
D64406 (380300)				0.553
D64407 (380301)				<0.001
D64408 (380302)				0.014
D64409 (380303)				0.047
D64410 (380304)				0.061
D64411 (380305)				0.119
D64412 (380306)				<0.001
D64413 (380307)				0.003
D64414 (380308)				0.035
D64415 (380309)				0.043
D64416 (380310)				0.017
D64417 (380311)				0.042
D64418 (380312)				0.041
D64419 (380313)				0.129
D64420 (380314)				0.074
D64421 (380315)				0.072
D64422 (380316)				0.090
D64423 (380317)				0.282
D64424 (380318)				0.015

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## Certificate of Analysis

AGAT WORK ORDER: 19T497449

PROJECT: AGAT00707

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D64425 (380319)			0.014
D64426 (380320)			0.346
D64427 (380321)			0.106
D64428 (380322)			0.025
D64429 (380323)			0.002
D64430 (380324)			0.002
D64431 (380325)			0.009
D64432 (380326)			0.004

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T497449

PROJECT: AGAT00707

5623 McADAM ROAD  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D64361 (380255)		82.36
D64380 (380274)		84.40
D64400 (380294)		85.06
D64420 (380314)		83.46
D64425 (380319)		81.71

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T497449

PROJECT: AGAT00707

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL:
D64361 (380255)	85.54

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	380255	0.5	0.5	0.0%	380269	0.71	0.89	22.5%	380279	< 0.5	< 0.5	0.0%	380294	0.49	0.56	13.3%
Al	380255	7.01	7.08	1.0%	380269	7.24	7.23	0.1%	380279	7.18	7.29	1.5%	380294	8.59	8.78	2.2%
As	380255	< 1	< 1	0.0%	380269	< 1	< 1	0.0%	380279	< 1	< 1	0.0%	380294	< 1	< 1	0.0%
Ba	380255	431	433	0.5%	380269	299	296	1.0%	380279	244	248	1.6%	380294	288	298	3.4%
Be	380255	1.1	1.1	0.0%	380269	0.9	0.9	0.0%	380279	0.6	0.6	0.0%	380294	0.7	0.7	0.0%
Bi	380255	< 1	< 1	0.0%	380269	< 1	< 1	0.0%	380279	< 1	< 1	0.0%	380294	< 1	< 1	0.0%
Ca	380255	1.76	1.79	1.7%	380269	1.86	1.88	1.1%	380279	1.55	1.57	1.3%	380294	2.14	2.21	3.2%
Cd	380255	3.0	3.3	9.5%	380269	0.91	1.06	15.2%	380279	1.5	1.5	0.0%	380294	1.2	1.3	8.0%
Ce	380255	49	53	7.8%	380269	41	46	11.5%	380279	38	42	10.0%	380294	10	10	0.0%
Co	380255	32.9	32.3	1.8%	380269	9.0	9.3	3.3%	380279	16.5	17.6	6.5%	380294	31.5	30.8	2.2%
Cr	380255	13.5	14.9	9.9%	380269	16.5	16.0	3.1%	380279	21.6	24.4	12.2%	380294	52.2	51.1	2.1%
Cu	380255	875	869	0.7%	380269	101	98.3	2.7%	380279	67.9	78.3	14.2%	380294	225	235	4.3%
Fe	380255	6.56	6.47	1.4%	380269	5.68	5.71	0.5%	380279	7.07	7.20	1.8%	380294	8.25	8.55	3.6%
Ga	380255	22	23	4.4%	380269	19	19	0.0%	380279	23	23	0.0%	380294	29	29	0.0%
In	380255	< 1	< 1	0.0%	380269	< 1	< 1	0.0%	380279	< 1	< 1	0.0%	380294	< 1	< 1	0.0%
K	380255	1.70	1.72	1.2%	380269	1.73	1.75	1.1%	380279	2.06	2.08	1.0%	380294	1.88	1.93	2.6%
La	380255	22	24	8.7%	380269	19	23	19.0%	380279	18	21	15.4%	380294	7	6	15.4%
Li	380255	13	13	0.0%	380269	23	23	0.0%	380279	16	16	0.0%	380294	22	22	0.0%
Mg	380255	0.63	0.63	0.0%	380269	1.39	1.40	0.7%	380279	1.33	1.36	2.2%	380294	1.90	1.94	2.1%
Mn	380255	1770	1810	2.2%	380269	1250	1260	0.8%	380279	1340	1340	0.0%	380294	1750	1810	3.4%
Mo	380255	3.09	2.71	13.1%	380269	2.33	2.51	7.4%	380279	3.1	3.3	6.3%	380294	2.7	2.7	0.0%
Na	380255	1.82	1.84	1.1%	380269	1.76	1.76	0.0%	380279	2.08	2.12	1.9%	380294	2.06	2.13	3.3%
Ni	380255	4.8	4.5	6.5%	380269	4.77	4.62	3.2%	380279	7.20	8.08	11.5%	380294	40.3	40.4	0.2%
P	380255	897	947	5.4%	380269	601	652	8.1%	380279	430	440	2.3%	380294	296	295	0.3%
Pb	380255	< 20	< 20	0.0%	380269	< 20	< 20	0.0%	380279	< 20	< 20	0.0%	380294	< 20	< 20	0.0%
Rb	380255	< 50	< 50	0.0%	380269	< 50	< 50	0.0%	380279	< 50	< 50	0.0%	380294	< 50	< 50	0.0%
S	380255	0.416	0.390	6.5%	380269	0.10	0.10	0.0%	380279	0.12	0.13	8.0%	380294	0.878	0.896	2.0%
Sb	380255	< 1	< 1	0.0%	380269	< 1	1		380279	< 1	< 1	0.0%	380294	3	2	
Sc	380255	23	23	0.0%	380269	10	10	0.0%	380279	11	11	0.0%	380294	16	16	0.0%
Se	380255	< 10	< 10	0.0%	380269	< 10	< 10	0.0%	380279	< 10	< 10	0.0%	380294	< 10	< 10	0.0%
Sn	380255	< 5	< 5	0.0%	380269	< 5	< 5	0.0%	380279	< 5	< 5	0.0%	380294	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	380255	125	126	0.8%	380269	73	73	0.0%	380279	89	91	2.2%	380294	121	125	3.3%
Ta	380255	< 10	< 10	0.0%	380269	< 10	< 10	0.0%	380279	< 10	< 10	0.0%	380294	< 10	< 10	0.0%
Te	380255	< 10	< 10	0.0%	380269	< 10	< 10	0.0%	380279	< 10	< 10	0.0%	380294	< 10	< 10	0.0%
Th	380255	< 5	< 5	0.0%	380269	< 5	< 5	0.0%	380279	< 5	< 5	0.0%	380294	< 5	< 5	0.0%
Ti	380255	0.50	0.50	0.0%	380269	0.31	0.31	0.0%	380279	0.30	0.30	0.0%	380294	0.405	0.422	4.1%
Tl	380255	< 5	< 5	0.0%	380269	< 5	< 5	0.0%	380279	< 5	< 5	0.0%	380294	< 5	< 5	0.0%
U	380255	< 50	< 50	0.0%	380269	< 50	< 50	0.0%	380279	< 50	< 50	0.0%	380294	< 50	< 50	0.0%
V	380255	22.8	22.5	1.3%	380269	32.1	33.7	4.9%	380279	40.6	40.3	0.7%	380294	124	127	2.4%
W	380255	< 1	< 1	0.0%	380269	< 1	< 1	0.0%	380279	< 1	< 1	0.0%	380294	< 1	< 1	0.0%
Y	380255	38	40	5.1%	380269	25	27	7.7%	380279	23	24	4.3%	380294	20	20	0.0%
Zn	380255	348	329	5.6%	380269	220	219	0.5%	380279	301	306	1.6%	380294	378	398	5.2%
Zr	380255	42	43	2.4%	380269	129	136	5.3%	380279	87	83	4.7%	380294	27	29	7.1%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	380305	< 0.5	< 0.5	0.0%	380319	< 0.5	< 0.5	0.0%								
Al	380305	7.44	7.31	1.8%	380319	8.14	8.08	0.7%								
As	380305	< 1	< 1	0.0%	380319	< 1	< 1	0.0%								
Ba	380305	187	175	6.6%	380319	77	79	2.6%								
Be	380305	< 0.5	< 0.5	0.0%	380319	0.7	0.7	0.0%								
Bi	380305	< 1	< 1	0.0%	380319	< 1	< 1	0.0%								
Ca	380305	1.03	1.03	0.0%	380319	6.91	6.94	0.4%								
Cd	380305	< 0.5	< 0.5	0.0%	380319	0.66	0.49	29.6%								
Ce	380305	4	5	22.2%	380319	3	3	0.0%								
Co	380305	131	128	2.3%	380319	36.5	37.2	1.9%								
Cr	380305	49.1	49.1	0.0%	380319	42.5	43.2	1.6%								
Cu	380305	70.0	67.4	3.8%	380319	45.4	46.2	1.7%								
Fe	380305	16.7	16.5	1.2%	380319	8.38	8.41	0.4%								
Ga	380305	45	43	4.5%	380319	26	27	3.8%								
In	380305	< 1	< 1	0.0%	380319	< 1	< 1	0.0%								
K	380305	1.90	1.77	7.1%	380319	0.556	0.549	1.3%								
La	380305	5	5	0.0%	380319	3	3	0.0%								
Li	380305	22	21	4.7%	380319	12	12	0.0%								
Mg	380305	3.08	2.97	3.6%	380319	3.53	3.52	0.3%								
Mn	380305	2350	2360	0.4%	380319	1910	1910	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	380305	3.34	3.54	5.8%	380319	2.00	2.15	7.2%								
Na	380305	0.472	0.491	3.9%	380319	1.15	1.16	0.9%								
Ni	380305	53.8	53.8	0.0%	380319	49.3	49.6	0.6%								
P	380305	368	370	0.5%	380319	331	318	4.0%								
Pb	380305	< 20	< 20	0.0%	380319	< 20	< 20	0.0%								
Rb	380305	< 50	< 50	0.0%	380319	< 50	< 50	0.0%								
S	380305	0.521	0.529	1.5%	380319	0.160	0.165	3.1%								
Sb	380305	2	2	0.0%	380319	2	1									
Sc	380305	39	38	2.6%	380319	45	45	0.0%								
Se	380305	< 10	< 10	0.0%	380319	< 10	< 10	0.0%								
Sn	380305	< 5	< 5	0.0%	380319	< 5	< 5	0.0%								
Sr	380305	47	47	0.0%	380319	118	118	0.0%								
Ta	380305	< 10	< 10	0.0%	380319	< 10	< 10	0.0%								
Te	380305	13	11	16.7%	380319	< 10	< 10	0.0%								
Th	380305	< 5	< 5	0.0%	380319	< 5	< 5	0.0%								
Ti	380305	0.499	0.472	5.6%	380319	0.52	0.52	0.0%								
Tl	380305	< 5	< 5	0.0%	380319	< 5	< 5	0.0%								
U	380305	< 50	< 50	0.0%	380319	< 50	< 50	0.0%								
V	380305	251	241	4.1%	380319	256	254	0.8%								
W	380305	< 1	< 1	0.0%	380319	< 1	< 1	0.0%								
Y	380305	25	24	4.1%	380319	23	23	0.0%								
Zn	380305	211	205	2.9%	380319	197	201	2.0%								
Zr	380305	34	33	3.0%	380319	15	15	0.0%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	380255	0.054	0.055	1.8%	380269	0.002	0.002	0.0%	380279	0.0417	0.0405	2.9%	380294	0.0101	0.0108	6.7%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	380305	0.119	0.103	14.4%	380319	0.014	0.014	0.0%								

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GSP7M)				CRM #2 (ref.1P5R)				CRM #3 (ref.GS5W)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	3.04	100%	90% - 110%
Al	10.95	10.63	97%	90% - 110%	8.17	8.35	102%	90% - 110%	6.96	7.04	101%	90% - 110%	4.75	4.8	101%	90% - 110%
As					26	23	87%	90% - 110%	124	124	100%	90% - 110%				
Ba	340	312	92%	90% - 110%	540	514	95%	90% - 110%	186	177	95%	90% - 110%	216	200	93%	90% - 110%
Be	2.6	2.6	102%	90% - 110%	4.0	3.5	87%	90% - 110%								
Ca	5.72	5.56	97%	90% - 110%	0.907	0.909	100%	90% - 110%	4.01	3.99	99%	90% - 110%	10	9	91%	90% - 110%
Ce	122	114	93%	90% - 110%	98	100	102%	90% - 110%	24	18	77%	90% - 110%				
Co									22.1	20.6	93%	90% - 110%	191	172	90%	90% - 110%
Cr	12	9	77%	90% - 110%	60.3	62.4	103%	90% - 110%					670	554	83%	90% - 110%
Cu					150	148	98%	90% - 110%	88.6	84.6	95%	90% - 110%	7120	7049	99%	90% - 110%
Fe	4.34	4.06	94%	90% - 110%	3.77	3.78	100%	90% - 110%	7.56	7.5	99%	90% - 110%	12.71	11.69	92%	90% - 110%
Ga	35	32	90%	90% - 110%												
K	1.37	1.43	105%	90% - 110%					2.021	2.144	106%	90% - 110%	0.1021	0.106	104%	90% - 110%
La	58	56	96%	90% - 110%	44	45	101%	90% - 110%					8.47	7.65	90%	90% - 110%
Li	37	38	101%	90% - 110%	47	47	101%	90% - 110%								
Mg	0.325	0.294	91%	90% - 110%	1.10	1.09	99%	90% - 110%	2.412	2.441	101%	90% - 110%	7.41	7.19	97%	90% - 110%
Mn					780	771	99%	90% - 110%	1510	1449	96%	90% - 110%				
Mo					14	14	99%	90% - 110%								
Na	5.267	5.035	96%	90% - 110%	1.624	1.657	102%	90% - 110%	0.617	0.618	100%	90% - 110%	0.112	0.116	104%	90% - 110%
Ni					32	32	101%	90% - 110%	77.1	70.3	91%	90% - 110%	2480	2027	82%	90% - 110%
P					750	747	100%	90% - 110%	892	880	99%	90% - 110%	731	716	98%	90% - 110%
Pb					31	27	88%	90% - 110%								
S									0.348	0.329	95%	90% - 110%				
Sb					0.8	0.6	79%	90% - 110%								
Sc	1.1	1.1	97%	90% - 110%	12	13	106%	90% - 110%					21.33	21.15	99%	90% - 110%
Sr	1191	1105	93%	90% - 110%	144	147	102%	90% - 110%	92.8	87.2	94%	90% - 110%	39	37	94%	90% - 110%
Ti	0.172	0.167	97%	90% - 110%	0.53	0.49	93%	90% - 110%					0.419	0.417	100%	90% - 110%
V	8	8	99%	90% - 110%	77	81	105%	90% - 110%					158	162	102%	90% - 110%
Y	119	124	104%	90% - 110%									12.67	12.71	100%	90% - 110%
Zn	93	90	97%	90% - 110%	130	120	92%	90% - 110%	208	201	97%	90% - 110%	112	101	90%	90% - 110%
Zr													35.7	35.7	100%	90% - 110%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GSP7M)				CRM #2 (ref.1P5R)				CRM #3 (ref.GS5W)				CRM #4 (ref.GS6F)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.725	0.743	102%	90% - 110%	1.81	1.81	100%	90% - 110%	5.27	5.43	103%	90% - 110%	6.87	6.83	99%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00707  
 SAMPLING SITE:

AGAT WORK ORDER: 19T497449  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE



CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00708

AGAT WORK ORDER: 19T497450

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Aug 20, 2019

PAGES (INCLUDING COVER): 16

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T497450

PROJECT: AGAT00708

5623 McADAM ROAD  
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 TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D63551 (380327)		2.15
D63552 (380328)		0.59
D63553 (380329)		0.75
D63554 (380330)		1.78
D63555 (380331)		1.47
D63556 (380332)		1.78
D63557 (380333)		2.46
D63558 (380334)		2.46
D63559 (380335)		2.51
D63560 (380336)		1.37
D63561 (380337)		2.40
D63562 (380338)		1.74
D63563 (380339)		0.78
D63564 (380340)		1.95
D63565 (380341)		0.75
D63566 (380342)		0.07
D63567 (380343)		2.31
D63568 (380344)		2.07
D63569 (380345)		1.55
D63570 (380346)		0.95
D63571 (380347)		1.11
D63572 (380348)		0.64
D63573 (380349)		1.52
D63574 (380350)		1.86
D63575 (380351)		2.32
D63576 (380352)		2.16
D63577 (380353)		2.27
D63578 (380354)		2.27
D63579 (380355)		2.49
D63580 (380356)		2.83

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T497450

PROJECT: AGAT00708

5623 McADAM ROAD  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(200-) Sample Login Weight

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T497450

PROJECT: AGAT00708

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D63551 (380327)		<0.5	7.38	<1	1190	1.1	<1	1.44	<0.5	24	3.0	111	13.8	4.15	25
D63552 (380328)		<0.5	0.10	<1	15	<0.5	<1	32.3	<0.5	1	<0.5	3.3	<0.5	0.10	<5
D63553 (380329)		<0.5	7.78	<1	381	1.1	<1	2.14	<0.5	25	7.7	141	75.0	2.46	20
D63554 (380330)		<0.5	7.38	<1	1640	0.9	<1	1.50	<0.5	24	0.6	97.8	2.1	3.19	23
D63555 (380331)		<0.5	7.66	<1	300	0.9	<1	3.16	<0.5	18	14.5	97.3	108	3.66	22
D63556 (380332)		1.0	7.80	2	445	1.2	<1	2.15	<0.5	102	2.2	82.6	7.2	2.25	20
D63557 (380333)		<0.5	8.21	<1	204	1.0	<1	4.49	<0.5	22	18.2	88.1	34.0	4.00	23
D63558 (380334)		<0.5	8.51	<1	210	1.0	<1	4.66	<0.5	23	17.7	95.0	34.8	4.15	23
D63559 (380335)		<0.5	7.09	<1	304	2.2	<1	4.51	<0.5	36	21.9	98.9	110	4.78	23
D63560 (380336)		<0.5	3.27	<1	743	2.7	<1	7.44	<0.5	127	57.8	518	103	9.10	37
D63561 (380337)		<0.5	7.11	3	270	2.4	<1	4.15	<0.5	22	21.5	144	121	4.05	22
D63562 (380338)		<0.5	7.47	<1	321	2.0	<1	3.99	<0.5	31	19.9	134	83.6	4.17	23
D63563 (380339)		0.6	3.26	<1	162	10.1	<1	4.79	<0.5	72	51.8	472	62.4	6.41	24
D63564 (380340)		<0.5	8.04	<1	372	1.8	<1	3.53	<0.5	37	19.1	94.3	95.8	5.29	27
D63565 (380341)		<0.5	2.75	<1	437	3.8	<1	6.99	<0.5	114	52.4	436	67.6	7.21	27
D63566 (380342)		<0.5	7.42	<1	184	0.7	<1	6.22	<0.5	16	36.7	142	104	7.60	35
D63567 (380343)		<0.5	7.99	<1	471	1.9	<1	2.81	<0.5	26	11.7	84.9	33.9	2.96	21
D63568 (380344)		<0.5	7.18	<1	287	1.1	<1	2.89	<0.5	27	16.4	105	49.5	4.03	22
D63569 (380345)		0.9	6.69	<1	295	1.1	<1	1.92	<0.5	45	9.5	121	38.1	3.03	19
D63570 (380346)		<0.5	4.78	<1	222	3.5	<1	4.98	<0.5	61	28.8	229	40.2	5.12	24
D63571 (380347)		0.7	7.21	2	382	2.5	<1	1.86	<0.5	48	6.7	113	45.7	1.67	16
D63572 (380348)		<0.5	0.21	<1	22	<0.5	<1	31.1	<0.5	2	<0.5	7.4	<0.5	0.15	<5
D63573 (380349)		<0.5	7.83	<1	482	1.6	<1	2.58	<0.5	36	11.0	108	30.7	3.44	23
D63574 (380350)		<0.5	8.19	<1	253	1.0	<1	3.29	<0.5	31	19.1	113	27.6	4.97	25
D63575 (380351)		1.0	7.10	<1	352	1.4	<1	2.11	<0.5	55	6.6	130	30.2	3.30	19
D63576 (380352)		1.5	7.58	<1	515	1.2	<1	1.96	<0.5	55	4.9	109	31.2	2.51	19
D63577 (380353)		0.5	7.37	<1	655	1.2	<1	2.06	<0.5	51	5.3	134	25.6	2.45	18
D63578 (380354)		0.6	7.41	<1	646	1.2	<1	2.11	<0.5	49	4.7	130	25.6	2.34	19
D63579 (380355)		1.0	6.79	<1	333	1.3	<1	1.92	<0.5	58	4.1	139	19.0	2.68	18
D63580 (380356)		<0.5	8.15	<1	344	1.0	<1	3.09	<0.5	31	14.3	120	36.5	3.57	21

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T497450

PROJECT: AGAT00708

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D63551 (380327)		<1	2.75	15	14	0.33	286	1.87	2.79	9.6	116	<20	<50	0.07	2
D63552 (380328)		<1	0.02	2	1	2.34	114	<0.5	0.05	<0.5	85	<20	<50	0.03	<1
D63553 (380329)		<1	1.40	13	25	0.72	257	23.3	3.33	17.1	391	<20	<50	0.32	<1
D63554 (380330)		<1	3.03	15	5	0.14	199	12.9	2.85	5.8	58	<20	<50	0.03	<1
D63555 (380331)		<1	1.20	9	22	1.42	542	27.5	3.08	28.5	469	<20	<50	0.39	<1
D63556 (380332)		<1	1.05	60	12	0.26	169	13.2	3.68	8.6	96	<20	<50	0.04	3
D63557 (380333)		<1	0.88	11	15	1.73	633	19.8	3.40	52.6	558	55	<50	0.11	2
D63558 (380334)		<1	0.90	11	15	1.78	656	18.2	3.51	51.9	551	47	<50	0.11	1
D63559 (380335)		<1	0.94	17	20	2.51	761	61.6	3.75	91.3	827	<20	<50	0.34	<1
D63560 (380336)		<1	2.92	65	33	9.42	1490	4.6	1.28	461	2270	<20	<50	0.23	2
D63561 (380337)		<1	0.96	11	18	2.23	713	19.3	3.38	82.4	805	<20	<50	0.42	<1
D63562 (380338)		<1	1.03	15	22	2.27	726	8.3	3.73	73.3	685	<20	<50	0.17	<1
D63563 (380339)		<1	0.86	37	73	8.36	1040	4.3	3.93	437	385	<20	<50	0.26	2
D63564 (380340)		<1	1.12	16	22	2.15	800	8.2	4.23	43.1	1300	<20	<50	0.21	<1
D63565 (380341)		<1	1.85	55	69	8.99	1200	3.5	2.67	487	1470	<20	<50	0.18	1
D63566 (380342)		<1	0.45	9	11	4.19	1310	2.2	2.29	104	868	<20	<50	0.10	<1
D63567 (380343)		<1	1.34	12	31	1.25	468	7.6	4.34	37.2	595	<20	<50	0.10	<1
D63568 (380344)		<1	1.26	12	20	1.66	684	10.9	3.25	42.2	794	<20	<50	0.17	<1
D63569 (380345)		<1	1.11	19	13	0.77	480	25.7	3.45	13.1	566	<20	<50	0.18	1
D63570 (380346)		<1	0.56	31	61	3.78	809	9.0	3.39	208	1220	<20	<50	0.13	2
D63571 (380347)		<1	0.85	27	28	0.66	189	13.0	4.19	27.0	392	<20	<50	0.15	<1
D63572 (380348)		<1	0.04	2	2	2.24	125	0.8	0.10	1.0	102	<20	<50	0.04	<1
D63573 (380349)		<1	1.39	16	29	1.44	497	12.7	3.59	26.8	1440	<20	<50	0.07	1
D63574 (380350)		<1	1.44	14	32	1.99	755	9.6	3.32	46.4	738	<20	<50	0.08	2
D63575 (380351)		<1	1.21	23	21	0.84	488	26.6	3.14	9.0	631	<20	<50	0.09	<1
D63576 (380352)		<1	1.33	26	23	0.67	309	15.2	3.43	12.2	562	<20	<50	0.11	<1
D63577 (380353)		<1	1.39	23	20	0.62	351	15.6	3.09	11.8	572	<20	<50	0.12	1
D63578 (380354)		<1	1.36	23	19	0.60	337	17.9	3.22	11.4	535	<20	<50	0.11	<1
D63579 (380355)		<1	1.25	25	24	0.59	450	16.8	3.07	7.8	548	<20	<50	0.07	1
D63580 (380356)		<1	1.10	15	32	1.55	588	13.7	3.64	40.2	674	<20	<50	0.09	1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T497450

PROJECT: AGAT00708

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D63551 (380327)	3	<10	<5	272	<10	<10	<5	0.15	<5	<50	41.4	<1	2	82.9
D63552 (380328)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.2	<1	3	4.4
D63553 (380329)	6	<10	<5	309	<10	<10	<5	0.20	<5	<50	47.4	<1	4	79.0
D63554 (380330)	1	<10	<5	299	<10	<10	<5	0.09	<5	<50	29.2	<1	1	50.1
D63555 (380331)	14	<10	<5	319	<10	<10	<5	0.31	<5	<50	98.7	<1	10	94.8
D63556 (380332)	2	<10	<5	302	<10	<10	16	0.11	<5	<50	22.0	<1	3	42.1
D63557 (380333)	20	<10	<5	319	<10	<10	<5	0.34	<5	<50	123	<1	13	80.2
D63558 (380334)	19	<10	<5	330	<10	<10	<5	0.35	<5	<50	123	<1	12	82.8
D63559 (380335)	20	<10	<5	338	<10	<10	<5	0.47	<5	<50	141	<1	16	79.3
D63560 (380336)	22	<10	<5	896	<10	<10	<5	1.63	<5	<50	276	<1	25	93.7
D63561 (380337)	19	<10	<5	280	<10	<10	<5	0.33	<5	<50	119	<1	16	94.7
D63562 (380338)	20	<10	<5	256	<10	<10	<5	0.41	<5	<50	135	<1	16	89.8
D63563 (380339)	19	<10	<5	447	<10	<10	<5	0.67	<5	<50	193	<1	28	82.8
D63564 (380340)	22	<10	<5	374	<10	<10	<5	0.45	<5	<50	151	<1	25	102
D63565 (380341)	18	<10	<5	760	<10	<10	<5	1.01	<5	<50	191	<1	33	122
D63566 (380342)	35	<10	<5	237	<10	<10	<5	0.84	<5	<50	243	<1	22	87.3
D63567 (380343)	13	<10	<5	393	<10	<10	<5	0.24	<5	<50	75.1	<1	8	61.4
D63568 (380344)	18	<10	<5	363	<10	<10	<5	0.35	<5	<50	116	<1	15	77.9
D63569 (380345)	10	<10	<5	291	<10	<10	<5	0.30	<5	<50	49.6	<1	17	57.3
D63570 (380346)	12	<10	<5	508	<10	<10	<5	0.38	<5	<50	124	<1	16	16.7
D63571 (380347)	4	<10	<5	279	<10	<10	<5	0.14	<5	<50	27.9	<1	6	32.2
D63572 (380348)	<1	<10	<5	71	<10	<10	<5	0.01	<5	<50	1.8	<1	2	3.7
D63573 (380349)	13	<10	<5	439	<10	<10	<5	0.32	<5	<50	91.1	<1	15	77.2
D63574 (380350)	21	<10	<5	268	<10	<10	<5	0.42	<5	<50	141	<1	18	68.3
D63575 (380351)	13	<10	<5	242	<10	<10	<5	0.37	<5	<50	57.1	<1	27	60.3
D63576 (380352)	7	<10	<5	361	<10	<10	<5	0.30	<5	<50	39.7	<1	14	67.5
D63577 (380353)	7	<10	<5	461	<10	<10	<5	0.29	<5	<50	42.8	<1	14	63.7
D63578 (380354)	7	<10	<5	481	<10	<10	<5	0.29	<5	<50	41.9	<1	14	63.6
D63579 (380355)	10	<10	<5	296	<10	<10	<5	0.29	<5	<50	36.5	<1	22	61.5
D63580 (380356)	15	<10	<5	388	<10	<10	<5	0.33	<5	<50	104	<1	12	64.3

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T497450

PROJECT: AGAT00708

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D63551 (380327)			89
D63552 (380328)			<5
D63553 (380329)			75
D63554 (380330)			77
D63555 (380331)			73
D63556 (380332)			257
D63557 (380333)			66
D63558 (380334)			68
D63559 (380335)			99
D63560 (380336)			111
D63561 (380337)			69
D63562 (380338)			110
D63563 (380339)			198
D63564 (380340)			144
D63565 (380341)			162
D63566 (380342)			90
D63567 (380343)			106
D63568 (380344)			100
D63569 (380345)			213
D63570 (380346)			150
D63571 (380347)			177
D63572 (380348)			6
D63573 (380349)			113
D63574 (380350)			137
D63575 (380351)			253
D63576 (380352)			215
D63577 (380353)			155
D63578 (380354)			149
D63579 (380355)			239
D63580 (380356)			116

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# Certificate of Analysis

AGAT WORK ORDER: 19T497450

PROJECT: AGAT00708

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Comments: RDL - Reported Detection Limit  
380327-380356 As, Sb values may be low due to digestion losses.  
Analysis performed at AGAT Toronto (unless marked by \*)

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## Certificate of Analysis

AGAT WORK ORDER: 19T497450

PROJECT: AGAT00708

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D63551 (380327)			0.004
D63552 (380328)			0.002
D63553 (380329)			0.041
D63554 (380330)			<0.001
D63555 (380331)			0.006
D63556 (380332)			0.002
D63557 (380333)			0.009
D63558 (380334)			0.007
D63559 (380335)			0.002
D63560 (380336)			<0.001
D63561 (380337)			0.007
D63562 (380338)			0.003
D63563 (380339)			0.001
D63564 (380340)			0.002
D63565 (380341)			0.003
D63566 (380342)			0.340
D63567 (380343)			0.003
D63568 (380344)			0.006
D63569 (380345)			0.004
D63570 (380346)			0.002
D63571 (380347)			0.006
D63572 (380348)			0.002
D63573 (380349)			0.003
D63574 (380350)			0.005
D63575 (380351)			0.002
D63576 (380352)			0.004
D63577 (380353)			0.001
D63578 (380354)			0.002
D63579 (380355)			0.002
D63580 (380356)			0.002

Certified By:



**AGAT** Laboratories

# Certificate of Analysis

AGAT WORK ORDER: 19T497450

PROJECT: AGAT00708

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

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## Certificate of Analysis

AGAT WORK ORDER: 19T497450

PROJECT: AGAT00708

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D63551 (380327)		82.41
D63570 (380346)		88.53
D63573 (380349)		81.74

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T497450

PROJECT: AGAT00708

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL: 0.01
D63551 (380327)	86.86

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	380327	< 0.5	< 0.5	0.0%	380341	< 0.5	< 0.5	0.0%	380351	1.0	1.0	0.0%				
Al	380327	7.38	6.32	15.5%	380341	2.75	2.75	0.0%	380351	7.10	6.99	1.6%				
As	380327	< 1	1		380341	< 1	< 1	0.0%	380351	< 1	< 1	0.0%				
Ba	380327	1190	1010	16.4%	380341	437	440	0.7%	380351	352	351	0.3%				
Be	380327	1.05	0.94	11.1%	380341	3.8	3.8	0.0%	380351	1.44	1.47	2.1%				
Bi	380327	< 1	< 1	0.0%	380341	< 1	< 1	0.0%	380351	< 1	< 1	0.0%				
Ca	380327	1.44	1.39	3.5%	380341	6.99	7.02	0.4%	380351	2.11	2.07	1.9%				
Cd	380327	< 0.5	< 0.5	0.0%	380341	< 0.5	< 0.5	0.0%	380351	< 0.5	< 0.5	0.0%				
Ce	380327	24	19	23.3%	380341	114	116	1.7%	380351	55	54	1.8%				
Co	380327	3.0	2.5	18.2%	380341	52.4	53.5	2.1%	380351	6.6	6.7	1.5%				
Cr	380327	111	94.6	16.0%	380341	436	444	1.8%	380351	130	126	3.1%				
Cu	380327	13.8	12.5	9.9%	380341	67.6	66.9	1.0%	380351	30.2	34.1	12.1%				
Fe	380327	4.15	3.38	20.5%	380341	7.21	7.24	0.4%	380351	3.30	3.21	2.8%				
Ga	380327	25	21	17.4%	380341	27	28	3.6%	380351	19	20	5.1%				
In	380327	< 1	< 1	0.0%	380341	< 1	< 1	0.0%	380351	< 1	< 1	0.0%				
K	380327	2.75	2.43	12.4%	380341	1.85	1.87	1.1%	380351	1.21	1.18	2.5%				
La	380327	15	12	22.2%	380341	55	56	1.8%	380351	23	23	0.0%				
Li	380327	14	12	15.4%	380341	69	71	2.9%	380351	21	20	4.9%				
Mg	380327	0.33	0.45		380341	8.99	9.05	0.7%	380351	0.84	0.83	1.2%				
Mn	380327	286	237	18.7%	380341	1200	1230	2.5%	380351	488	472	3.3%				
Mo	380327	1.87	2.1	11.6%	380341	3.55	3.72	4.7%	380351	26.6	35.5	28.7%				
Na	380327	2.79	2.45	13.0%	380341	2.67	2.69	0.7%	380351	3.14	3.15	0.3%				
Ni	380327	9.6	7.9	19.4%	380341	487	496	1.8%	380351	9.0	9.5	5.4%				
P	380327	116	104	10.9%	380341	1470	1540	4.7%	380351	631	609	3.5%				
Pb	380327	< 20	< 20	0.0%	380341	< 20	< 20	0.0%	380351	< 20	< 20	0.0%				
Rb	380327	< 50	< 50	0.0%	380341	< 50	< 50	0.0%	380351	< 50	< 50	0.0%				
S	380327	0.07	0.07	0.0%	380341	0.18	0.18	0.0%	380351	0.09	0.09	0.0%				
Sb	380327	2	2	0.0%	380341	1	1	0.0%	380351	< 1	< 1	0.0%				
Sc	380327	3	2		380341	18	18	0.0%	380351	13	13	0.0%				
Se	380327	< 10	< 10	0.0%	380341	< 10	< 10	0.0%	380351	< 10	< 10	0.0%				
Sn	380327	< 5	< 5	0.0%	380341	< 5	< 5	0.0%	380351	< 5	< 5	0.0%				



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	380327	272	240	12.5%	380341	760	752	1.1%	380351	242	236	2.5%				
Ta	380327	< 10	< 10	0.0%	380341	< 10	< 10	0.0%	380351	< 10	< 10	0.0%				
Te	380327	< 10	< 10	0.0%	380341	< 10	< 10	0.0%	380351	< 10	< 10	0.0%				
Th	380327	< 5	< 5	0.0%	380341	< 5	< 5	0.0%	380351	< 5	< 5	0.0%				
Ti	380327	0.148	0.122	19.3%	380341	1.01	1.04	2.9%	380351	0.37	0.36	2.7%				
Tl	380327	< 5	< 5	0.0%	380341	< 5	< 5	0.0%	380351	< 5	< 5	0.0%				
U	380327	< 50	< 50	0.0%	380341	< 50	< 50	0.0%	380351	< 50	< 50	0.0%				
V	380327	41.4	33.9	19.9%	380341	191	193	1.0%	380351	57.1	56.6	0.9%				
W	380327	< 1	< 1	0.0%	380341	< 1	< 1	0.0%	380351	< 1	< 1	0.0%				
Y	380327	2	2	0.0%	380341	33	33	0.0%	380351	27	27	0.0%				
Zn	380327	82.9	68.4	19.2%	380341	122	125	2.4%	380351	60.3	59.3	1.7%				
Zr	380327	89	67	28.2%	380341	162	168	3.6%	380351	253	254	0.4%				

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Au	380327	0.004	0.004	0.0%	380341	0.003	0.001		380351	0.002	0.008	120.0%				



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

**(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish**

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)										
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits							
Al	10.95	10.84	99%	90% - 110%	8.17	8.32	102%	90% - 110%							
As					26	24	91%	90% - 110%							
Ba	340	320	94%	90% - 110%	540	522	97%	90% - 110%							
Be	2.6	2.8	107%	90% - 110%	4.0	3.4	85%	90% - 110%							
Ca	5.72	5.4	94%	90% - 110%	0.907	0.893	98%	90% - 110%							
Ce	122	119	98%	90% - 110%	98	98	100%	90% - 110%							
Cr					60.3	63.2	105%	90% - 110%							
Cu					150	153	102%	90% - 110%							
Fe	4.34	3.94	91%	90% - 110%	3.77	3.66	97%	90% - 110%							
Ga	35	37	106%	90% - 110%											
K	1.37	1.44	105%	90% - 110%											
La	58	57	98%	90% - 110%	44	43	98%	90% - 110%							
Li	37	39	105%	90% - 110%	47	49	105%	90% - 110%							
Mg	0.325	0.294	90%	90% - 110%	1.10	1.08	98%	90% - 110%							
Mn					780	752	96%	90% - 110%							
Mo					14	15	105%	90% - 110%							
Na	5.267	5.108	97%	90% - 110%	1.624	1.674	103%	90% - 110%							
Ni					32	32	101%	90% - 110%							
P					750	755	101%	90% - 110%							
Pb					31	29	93%	90% - 110%							
Sc	1.1	1.1	99%	90% - 110%	12	13	108%	90% - 110%							
Sr	1191	1094	92%	90% - 110%	144	145	101%	90% - 110%							
Ti	0.172	0.164	95%	90% - 110%	0.53	0.48	91%	90% - 110%							
V	8	9	109%	90% - 110%	77	81	105%	90% - 110%							
Y	119	129	109%	90% - 110%											
Zn	93	91	98%	90% - 110%	130	123	95%	90% - 110%							

**(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)**

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.1P5R)										
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits							
Au	5.27	5.67	108%	90% - 110%	1.81	1.98	109%	90% - 110%							

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19T497450

PROJECT: AGAT00708

ATTENTION TO: Craig Yuill

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE



CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00709

AGAT WORK ORDER: 19T497451

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Aug 09, 2019

PAGES (INCLUDING COVER): 13

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

# Certificate of Analysis

AGAT WORK ORDER: 19T497451

PROJECT: AGAT00709

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D63581 (380357)		2.25
D63582 (380358)		1.01
D63583 (380359)		1.00
D63584 (380360)		0.74
D63585 (380361)		1.07
D63586 (380362)		0.07
D63587 (380363)		2.52
D63588 (380364)		2.26
D63589 (380365)		3.06
D63590 (380366)		1.52
D63591 (380367)		0.67
D63592 (380368)		0.49
D63593 (380369)		1.89
D63594 (380370)		2.42
D63595 (380371)		1.67
D63596 (380372)		3.12
D63597 (380373)		1.97
D63598 (380374)		1.97
D63599 (380375)		2.37
D63600 (380376)		3.07

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T497451

PROJECT: AGAT00709

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D63581 (380357)		0.5	8.36	<1	312	0.7	<1	3.92	<0.5	31	22.6	48.2	79.1	4.99	20
D63582 (380358)		<0.5	5.02	2	266	0.9	<1	1.27	<0.5	8	1.6	8.3	7.6	0.97	11
D63583 (380359)		<0.5	8.19	<1	275	1.2	<1	3.08	<0.5	16	10.3	19.1	25.0	2.94	21
D63584 (380360)		0.8	7.12	<1	250	3.0	<1	2.18	<0.5	20	1.3	9.3	2.4	2.65	18
D63585 (380361)		<0.5	5.46	<1	1560	1.1	<1	9.77	<0.5	189	40.0	184	56.9	7.86	15
D63586 (380362)		<0.5	7.65	<1	195	<0.5	<1	6.74	<0.5	15	40.6	169	109	8.23	21
D63587 (380363)		<0.5	7.61	<1	509	1.4	<1	2.00	<0.5	19	2.9	10.8	10.3	2.82	20
D63588 (380364)		<0.5	7.80	<1	384	1.2	<1	2.24	<0.5	23	5.6	13.9	12.2	2.24	18
D63589 (380365)		<0.5	8.59	2	390	1.1	<1	2.72	<0.5	17	6.7	17.2	39.4	2.12	21
D63590 (380366)		<0.5	8.00	<1	195	1.2	<1	4.56	<0.5	24	21.9	36.4	28.4	4.50	20
D63591 (380367)		<0.5	7.37	2	221	1.2	<1	2.26	<0.5	17	3.6	10.9	5.5	1.56	18
D63592 (380368)		<0.5	0.07	1	17	<0.5	<1	33.1	<0.5	<1	0.8	3.1	<0.5	0.10	6
D63593 (380369)		<0.5	8.47	<1	189	<0.5	<1	4.65	<0.5	24	19.2	34.4	40.2	4.61	19
D63594 (380370)		<0.5	8.40	<1	180	1.3	<1	5.16	<0.5	24	21.3	39.4	82.4	4.78	21
D63595 (380371)		<0.5	8.64	<1	268	0.6	<1	4.55	<0.5	24	21.6	36.6	82.7	5.09	19
D63596 (380372)		<0.5	8.22	<1	294	0.8	<1	4.01	<0.5	22	18.5	33.1	35.2	4.35	20
D63597 (380373)		<0.5	6.87	1	1980	0.6	<1	1.33	<0.5	68	5.7	12.2	40.4	2.15	16
D63598 (380374)		<0.5	6.91	<1	1920	0.6	<1	1.35	<0.5	63	5.4	11.1	37.9	2.17	16
D63599 (380375)		<0.5	6.77	<1	205	0.6	<1	3.44	<0.5	35	14.5	32.4	84.9	4.50	19
D63600 (380376)		0.6	7.64	<1	402	0.8	<1	3.49	<0.5	44	11.2	25.8	17.3	4.15	19

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## Certificate of Analysis

AGAT WORK ORDER: 19T497451

PROJECT: AGAT00709

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CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D63581 (380357)		<1	1.15	17	24	2.19	820	1.3	3.35	62.3	708	<20	<50	0.17	<1
D63582 (380358)		<1	0.84	5	6	0.17	106	1.5	2.37	3.4	104	<20	<50	0.02	<1
D63583 (380359)		<1	1.12	9	13	0.96	430	1.9	3.48	22.9	447	<20	<50	0.06	<1
D63584 (380360)		<1	0.79	14	7	0.09	178	1.3	3.86	1.6	78	<20	<50	0.05	<1
D63585 (380361)		<1	3.15	100	28	5.70	1340	1.3	1.35	121	4400	<20	<50	0.20	<1
D63586 (380362)		<1	0.45	11	10	4.45	1350	<0.5	2.37	114	813	<20	<50	0.10	<1
D63587 (380363)		<1	1.58	13	10	0.25	212	0.8	3.36	4.9	98	<20	<50	0.06	<1
D63588 (380364)		<1	1.61	14	12	0.55	279	1.4	3.45	14.0	215	<20	<50	0.07	<1
D63589 (380365)		<1	1.20	11	16	0.54	247	3.2	3.73	9.4	329	<20	<50	0.15	<1
D63590 (380366)		<1	0.93	14	26	1.75	711	4.8	3.06	56.2	598	<20	<50	0.10	<1
D63591 (380367)		<1	0.99	11	12	0.39	199	1.3	3.33	5.4	192	<20	<50	0.02	<1
D63592 (380368)		4	0.02	2	<1	1.81	50	<0.5	0.03	<0.5	73	<20	<50	0.04	<1
D63593 (380369)		<1	0.72	14	15	1.76	681	1.3	3.20	51.6	554	<20	<50	0.09	<1
D63594 (380370)		<1	0.65	14	14	1.76	701	0.9	3.37	54.4	560	<20	<50	0.13	<1
D63595 (380371)		<1	0.90	14	12	2.01	734	0.9	3.36	56.4	581	<20	<50	0.16	<1
D63596 (380372)		<1	1.12	13	18	1.62	612	1.3	3.27	50.2	559	<20	<50	0.13	<1
D63597 (380373)		<1	3.44	45	15	0.42	190	1.1	2.25	11.1	233	<20	<50	0.22	<1
D63598 (380374)		<1	3.41	41	15	0.45	197	0.9	2.29	9.3	210	<20	<50	0.19	<1
D63599 (380375)		<1	0.81	19	14	0.98	672	2.5	2.56	23.7	623	<20	<50	0.53	<1
D63600 (380376)		<1	1.00	23	18	1.00	717	3.3	2.91	19.8	674	<20	<50	0.11	<1

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AGAT WORK ORDER: 19T497451

PROJECT: AGAT00709

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm
D63581 (380357)		21	<10	<5	366	<10	<10	<5	0.40	<5	<50	137	<1	15	88.3
D63582 (380358)		1	<10	<5	182	<10	<10	<5	0.06	<5	<50	7.9	<1	2	20.9
D63583 (380359)		10	<10	<5	332	<10	<10	<5	0.23	<5	<50	64.6	<1	8	69.3
D63584 (380360)		2	<10	<5	289	<10	<10	<5	0.08	<5	<50	31.7	<1	7	33.5
D63585 (380361)		23	<10	<5	1080	<10	<10	<5	0.85	<5	<50	189	<1	29	66.8
D63586 (380362)		35	<10	<5	249	<10	<10	<5	0.88	<5	<50	245	<1	22	92.4
D63587 (380363)		2	<10	<5	270	<10	<10	<5	0.12	<5	<50	24.2	<1	2	59.8
D63588 (380364)		5	<10	<5	235	<10	<10	<5	0.14	<5	<50	34.2	<1	4	49.1
D63589 (380365)		4	<10	<5	352	<10	<10	<5	0.16	<5	<50	32.5	<1	4	52.7
D63590 (380366)		21	<10	<5	252	<10	<10	<5	0.37	<5	<50	133	<1	14	78.3
D63591 (380367)		3	<10	<5	273	<10	<10	<5	0.13	<5	<50	23.4	<1	3	47.1
D63592 (380368)		<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	1.4	2	2	3.4
D63593 (380369)		20	<10	<5	191	<10	<10	<5	0.37	<5	<50	129	<1	13	66.5
D63594 (380370)		24	<10	<5	168	<10	<10	<5	0.38	<5	<50	154	<1	14	66.8
D63595 (380371)		22	<10	<5	232	<10	<10	<5	0.40	<5	<50	141	<1	15	71.0
D63596 (380372)		18	<10	<5	298	<10	<10	<5	0.35	<5	<50	117	<1	12	66.5
D63597 (380373)		2	<10	<5	280	<10	<10	<5	0.15	<5	<50	20.2	<1	3	59.1
D63598 (380374)		3	<10	<5	279	<10	<10	<5	0.16	<5	<50	22.8	<1	3	64.5
D63599 (380375)		13	<10	<5	222	<10	<10	<5	0.35	<5	<50	66.7	<1	26	141
D63600 (380376)		14	<10	<5	378	<10	<10	<5	0.40	<5	<50	67.5	<1	29	87.8

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AGAT WORK ORDER: 19T497451

PROJECT: AGAT00709

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core


Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D63581 (380357)	131
D63582 (380358)	62
D63583 (380359)	99
D63584 (380360)	195
D63585 (380361)	47
D63586 (380362)	87
D63587 (380363)	121
D63588 (380364)	66
D63589 (380365)	94
D63590 (380366)	52
D63591 (380367)	112
D63592 (380368)	<5
D63593 (380369)	89
D63594 (380370)	69
D63595 (380371)	93
D63596 (380372)	78
D63597 (380373)	78
D63598 (380374)	69
D63599 (380375)	128
D63600 (380376)	174

Comments: RDL - Reported Detection Limit

380357-380376 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T497451

PROJECT: AGAT00709

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D63581 (380357)			0.003
D63582 (380358)			0.001
D63583 (380359)			0.001
D63584 (380360)			0.002
D63585 (380361)			0.002
D63586 (380362)			0.342
D63587 (380363)			0.001
D63588 (380364)			0.006
D63589 (380365)			0.006
D63590 (380366)			0.004
D63591 (380367)			<0.001
D63592 (380368)			<0.001
D63593 (380369)			0.002
D63594 (380370)			<0.001
D63595 (380371)			0.002
D63596 (380372)			0.002
D63597 (380373)			0.011
D63598 (380374)			0.010
D63599 (380375)			0.032
D63600 (380376)			0.014

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T497451

PROJECT: AGAT00709

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D63581 (380357)		78.57
D63600 (380376)		81.69

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





# Certificate of Analysis

AGAT WORK ORDER: 19T497451

PROJECT: AGAT00709

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 09, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL: 0.01
D63581 (380357)	86.51

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	380357	0.5	0.5	0.0%	380371	< 0.5	< 0.5	0.0%								
Al	380357	8.36	8.42	0.7%	380371	8.64	8.40	2.8%								
As	380357	< 1	< 1	0.0%	380371	< 1	< 1	0.0%								
Ba	380357	312	318	1.9%	380371	268	257	4.2%								
Be	380357	0.66	0.62	6.3%	380371	0.6	0.6	0.0%								
Bi	380357	< 1	< 1	0.0%	380371	< 1	< 1	0.0%								
Ca	380357	3.92	3.85	1.8%	380371	4.55	4.44	2.4%								
Cd	380357	< 0.5	< 0.5	0.0%	380371	< 0.5	< 0.5	0.0%								
Ce	380357	31	32	3.2%	380371	24	23	4.3%								
Co	380357	22.6	22.8	0.9%	380371	21.6	23.6	8.8%								
Cr	380357	48.2	42.5	12.6%	380371	36.6	36.1	1.4%								
Cu	380357	79.1	68.1	14.9%	380371	82.7	82.0	0.9%								
Fe	380357	4.99	5.12	2.6%	380371	5.09	4.98	2.2%								
Ga	380357	20	19	5.1%	380371	19	20	5.1%								
In	380357	< 1	< 1	0.0%	380371	< 1	< 1	0.0%								
K	380357	1.15	1.17	1.7%	380371	0.897	0.871	2.9%								
La	380357	17	17	0.0%	380371	14	13	7.4%								
Li	380357	24	25	4.1%	380371	12	12	0.0%								
Mg	380357	2.19	2.27	3.6%	380371	2.01	1.96	2.5%								
Mn	380357	820	826	0.7%	380371	734	713	2.9%								
Mo	380357	1.27	1.09	15.3%	380371	0.94	0.74	23.8%								
Na	380357	3.35	3.29	1.8%	380371	3.36	3.23	3.9%								
Ni	380357	62.3	57.5	8.0%	380371	56.4	58.2	3.1%								
P	380357	708	696	1.7%	380371	581	579	0.3%								
Pb	380357	< 20	< 20	0.0%	380371	< 20	< 20	0.0%								
Rb	380357	< 50	< 50	0.0%	380371	< 50	< 50	0.0%								
S	380357	0.170	0.144	16.6%	380371	0.16	0.16	0.0%								
Sb	380357	< 1	< 1	0.0%	380371	< 1	< 1	0.0%								
Sc	380357	21	21	0.0%	380371	22	22	0.0%								
Se	380357	< 10	< 10	0.0%	380371	< 10	< 10	0.0%								
Sn	380357	< 5	< 5	0.0%	380371	< 5	< 5	0.0%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

**(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish**

Parameter	CRM #1 (ref.GSP7M)				CRM #2 (ref.WMG-1a)									
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits						
Ag					3.03	3.32	110%	90% - 110%						
Al	10.95	11.01	101%	90% - 110%	4.75	4.98	105%	90% - 110%						
Ba	340	322	95%	90% - 110%	216	222	103%	90% - 110%						
Be	2.6	2.5	98%	90% - 110%										
Ca	5.72	5.57	97%	90% - 110%	10	10	99%	90% - 110%						
Ce	122	111	91%	90% - 110%										
Co					191	182	95%	90% - 110%						
Cr					670	632	94%	90% - 110%						
Cu					7120	7204	101%	90% - 110%						
Fe	4.34	4.25	98%	90% - 110%	12.71	12.55	99%	90% - 110%						
Ga	35	34	97%	90% - 110%										
K	1.37	1.44	105%	90% - 110%	0.1021	0.1105	108%	90% - 110%						
La	58	56	96%	90% - 110%	8.47	9.31	109%	90% - 110%						
Li	37	37	100%	90% - 110%										
Mg	0.325	0.3	92%	90% - 110%	7.41	7.39	100%	90% - 110%						
Na	5.267	5.221	99%	90% - 110%	0.112	0.122	109%	90% - 110%						
Ni					2480	2346	95%	90% - 110%						
P					731	695	95%	90% - 110%						
Sc	1.1	0.9	83%	90% - 110%	21.33	22.34	105%	90% - 110%						
Sr	1191	1119	94%	90% - 110%	39	38	97%	90% - 110%						
Ti	0.172	0.172	100%	90% - 110%	0.419	0.422	101%	90% - 110%						
V	8	6	80%	90% - 110%	158	163	103%	90% - 110%						
Y	119	123	103%	90% - 110%	12.67	13.21	104%	90% - 110%						
Zn	93	91	98%	90% - 110%	112	111	99%	90% - 110%						
Zr					35.7	36.8	103%	90% - 110%						

**(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)**

Parameter	CRM #1 (ref.GSP7M)				CRM #2 (ref.GS6F)									
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits						
Au	0.725	0.803	110%	90% - 110%	6.87	6.53	95%	90% - 110%						

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00709  
 SAMPLING SITE:

AGAT WORK ORDER: 19T497451  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00710

AGAT WORK ORDER: 19T497452

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Aug 14, 2019

PAGES (INCLUDING COVER): 20

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

# Certificate of Analysis

AGAT WORK ORDER: 19T497452

PROJECT: AGAT00710

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D63659 (380377)		3.24
D63660 (380378)		3.54
D63661 (380379)		1.73
D63662 (380380)		0.88
D63663 (380381)		2.58
D63664 (380382)		2.99
D63665 (380383)		2.40
D63666 (380384)		0.07
D63667 (380385)		2.39
D63668 (380386)		2.23
D63669 (380387)		1.55
D63670 (380388)		2.28
D63671 (380389)		2.56
D63672 (380390)		0.56
D63673 (380391)		1.04
D63674 (380392)		2.12
D63675 (380393)		2.38
D63676 (380394)		1.89
D63677 (380395)		2.73
D63678 (380396)		2.73
D63679 (380397)		1.63
D63680 (380398)		2.05
D63681 (380399)		2.61
D63682 (380400)		2.34
D63683 (380401)		2.20
D63684 (380402)		0.77
D63685 (380403)		1.64
D63686 (380404)		0.07
D63687 (380405)		1.78
D63688 (380406)		2.39
D63689 (380407)		2.10

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T497452

PROJECT: AGAT00710

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D63690 (380408)		2.35
D63691 (380409)		2.75
D63692 (380410)		0.62
D63693 (380411)		3.14
D63694 (380412)		1.98
D63695 (380413)		2.90
D63696 (380414)		2.45
D63697 (380415)		2.43
D63698 (380416)		2.43
D63699 (380417)		1.96
D63700 (380418)		2.34

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T497452

PROJECT: AGAT00710

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 24, 2019

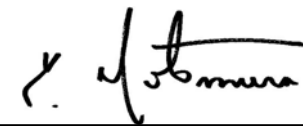
DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D63659 (380377)		0.6	7.10	<1	494	1.2	<1	2.88	<0.5	56	13.8	62.3	23.9	3.59	20
D63660 (380378)		0.6	7.59	<1	526	1.1	<1	3.22	<0.5	42	12.3	37.0	44.7	3.97	20
D63661 (380379)		0.7	7.60	<1	422	1.3	<1	3.21	<0.5	37	18.4	82.4	34.1	4.20	21
D63662 (380380)		<0.5	4.01	<1	133	1.1	<1	4.62	<0.5	14	71.1	693	20.1	7.03	15
D63663 (380381)		<0.5	8.51	<1	196	1.7	<1	2.80	<0.5	22	21.1	43.5	47.1	4.20	20
D63664 (380382)		<0.5	7.85	<1	438	1.3	<1	5.01	<0.5	25	21.1	43.8	58.1	4.59	21
D63665 (380383)		<0.5	8.09	<1	405	1.2	<1	3.85	<0.5	25	18.6	34.9	10.8	4.33	22
D63666 (380384)		<0.5	7.66	<1	199	<0.5	<1	6.46	<0.5	16	43.3	158	111	7.92	23
D63667 (380385)		<0.5	8.26	<1	595	1.6	<1	4.10	<0.5	53	16.6	30.3	46.7	4.29	23
D63668 (380386)		<0.5	7.80	<1	417	0.8	<1	3.99	<0.5	38	18.5	33.4	49.8	4.14	22
D63669 (380387)		<0.5	8.00	<1	1260	1.4	<1	2.42	<0.5	54	9.2	22.5	12.0	2.57	21
D63670 (380388)		<0.5	7.55	<1	762	2.8	<1	4.42	<0.5	88	23.4	69.4	40.0	5.21	25
D63671 (380389)		1.7	7.70	<1	772	2.3	<1	4.30	1.3	79	26.6	59.7	41.8	5.17	26
D63672 (380390)		<0.5	0.06	1	15	<0.5	<1	32.2	<0.5	<1	<0.5	4.4	<0.5	0.12	5
D63673 (380391)		<0.5	5.67	<1	896	4.7	<1	4.73	<0.5	59	33.4	199	55.3	4.91	18
D63674 (380392)		<0.5	7.77	<1	700	3.1	<1	4.41	<0.5	26	15.6	40.5	27.6	4.15	18
D63675 (380393)		<0.5	7.33	<1	897	4.4	<1	3.52	<0.5	43	21.4	76.8	73.8	4.11	22
D63676 (380394)		<0.5	8.39	3	2230	5.8	<1	3.33	<0.5	58	13.7	34.5	33.8	3.51	25
D63677 (380395)		<0.5	2.10	<1	1280	4.3	<1	14.7	<0.5	263	41.5	96.4	125	8.58	22
D63678 (380396)		<0.5	2.16	<1	1340	4.0	<1	14.5	<0.5	261	42.5	86.5	125	8.13	22
D63679 (380397)		<0.5	2.01	<1	1040	3.7	<1	12.1	<0.5	285	53.6	229	83.3	9.56	22
D63680 (380398)		<0.5	7.57	31	818	1.7	<1	4.79	<0.5	24	20.0	39.1	17.9	4.22	19
D63681 (380399)		<0.5	7.26	8	485	1.4	<1	4.09	<0.5	32	22.1	66.0	15.5	4.56	21
D63682 (380400)		<0.5	8.00	2	317	0.9	<1	4.29	<0.5	22	21.1	34.6	20.3	4.50	20
D63683 (380401)		<0.5	7.46	12	358	1.4	<1	5.62	<0.5	21	31.2	131	73.0	5.79	20
D63684 (380402)		<0.5	3.77	79	561	2.3	<1	6.65	<0.5	72	60.7	519	85.4	7.99	19
D63685 (380403)		<0.5	7.11	20	1910	1.4	<1	1.52	<0.5	14	2.6	11.2	5.8	1.48	17
D63686 (380404)		<0.5	7.27	<1	149	<0.5	<1	6.62	<0.5	5	43.6	174	159	7.91	21
D63687 (380405)		0.6	7.10	3	836	1.0	<1	1.65	<0.5	128	4.4	14.5	3.3	2.25	19
D63688 (380406)		<0.5	8.07	<1	314	0.6	<1	3.35	<0.5	27	17.7	31.5	33.0	4.43	22
D63689 (380407)		<0.5	7.84	<1	361	1.2	<1	3.50	<0.5	25	12.9	33.2	29.9	3.25	22
D63690 (380408)		<0.5	8.22	<1	404	0.8	<1	3.81	<0.5	21	16.4	23.4	45.3	3.96	22

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T497452

PROJECT: AGAT00710

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 24, 2019	DATE RECEIVED: Jul 25, 2019					DATE REPORTED: Aug 14, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D63691 (380409)	<0.5	7.67	<1	342	1.4	<1	4.97	<0.5	24	17.5	35.5	34.1	3.98	21	
D63692 (380410)	<0.5	0.08	<1	17	<0.5	<1	32.6	<0.5	<1	0.8	3.7	<0.5	0.09	5	
D63693 (380411)	<0.5	7.62	<1	450	1.3	<1	3.68	<0.5	36	13.3	23.4	27.2	3.60	21	
D63694 (380412)	<0.5	6.07	<1	987	5.2	<1	3.99	<0.5	67	20.1	90.5	51.0	4.19	20	
D63695 (380413)	0.5	7.53	<1	404	0.8	<1	2.98	<0.5	30	14.0	26.4	47.7	4.33	22	
D63696 (380414)	<0.5	8.19	<1	231	0.5	<1	4.25	<0.5	21	23.1	51.7	22.8	4.94	21	
D63697 (380415)	<0.5	7.95	<1	355	0.9	<1	3.43	<0.5	23	18.4	47.5	57.7	4.26	21	
D63698 (380416)	<0.5	7.91	<1	371	0.9	<1	3.41	<0.5	25	17.7	42.4	57.7	4.15	22	
D63699 (380417)	0.5	8.50	<1	349	1.3	<1	2.75	<0.5	24	13.4	98.7	75.7	3.50	23	
D63700 (380418)	<0.5	7.68	<1	746	1.1	<1	1.88	<0.5	20	1.9	12.1	1.2	1.44	18	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T497452

PROJECT: AGAT00710

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D63659 (380377)		<1	1.23	28	21	1.57	749	2.5	3.07	62.0	680	<20	<50	0.10	<1
D63660 (380378)		<1	1.36	22	17	1.22	1100	2.3	2.94	29.9	547	<20	<50	0.24	<1
D63661 (380379)		<1	1.32	19	24	1.87	865	1.2	3.03	66.6	510	<20	<50	0.19	<1
D63662 (380380)		<1	1.55	9	43	9.81	1390	<0.5	2.05	670	709	<20	<50	0.12	<1
D63663 (380381)		<1	0.31	12	14	2.37	836	5.0	4.63	77.0	814	<20	<50	0.19	<1
D63664 (380382)		<1	0.67	14	18	2.46	1450	23.9	2.94	69.9	681	<20	<50	0.43	<1
D63665 (380383)		<1	1.26	14	22	1.82	1300	2.2	2.95	56.0	616	<20	<50	0.13	<1
D63666 (380384)		<1	0.46	11	10	4.34	1380	<0.5	2.40	114	835	<20	<50	0.09	<1
D63667 (380385)		<1	1.24	28	17	1.71	799	1.5	3.02	34.0	1240	<20	<50	0.29	<1
D63668 (380386)		<1	1.19	22	15	1.60	694	1.4	3.04	44.3	738	<20	<50	0.19	<1
D63669 (380387)		<1	1.48	33	14	0.86	367	1.5	3.60	12.0	505	<20	<50	0.08	<1
D63670 (380388)		<1	1.95	45	31	2.97	957	<0.5	2.81	49.7	2180	<20	<50	0.16	<1
D63671 (380389)		<1	1.46	41	24	2.66	954	<0.5	3.05	61.1	2030	<20	<50	0.25	<1
D63672 (380390)		1	0.01	<2	<1	3.21	91	<0.5	0.04	<0.5	84	<20	<50	0.02	2
D63673 (380391)		<1	1.55	32	70	4.45	1130	1.5	3.72	198	843	<20	<50	0.17	<1
D63674 (380392)		<1	2.48	14	41	1.73	2090	0.7	3.71	55.7	718	<20	<50	0.10	<1
D63675 (380393)		<1	1.72	24	49	1.98	874	1.3	4.16	67.4	678	<20	<50	0.23	<1
D63676 (380394)		<1	1.90	33	43	1.31	565	1.4	4.94	22.9	800	<20	<50	0.16	<1
D63677 (380395)		<1	2.29	143	10	5.55	1830	<0.5	1.13	94.0	6270	<20	<50	0.18	<1
D63678 (380396)		<1	2.32	142	10	5.56	1770	<0.5	1.13	95.1	6490	<20	<50	0.19	<1
D63679 (380397)		<1	1.95	145	16	6.97	1980	<0.5	1.02	202	2960	<20	<50	0.22	<1
D63680 (380398)		<1	1.25	14	22	1.75	748	1.0	4.30	49.2	458	<20	<50	0.10	<1
D63681 (380399)		<1	1.36	19	65	2.11	718	0.6	3.19	84.0	669	<20	<50	0.07	<1
D63682 (380400)		<1	1.02	12	19	1.77	732	0.8	3.44	54.3	573	<20	<50	0.06	<1
D63683 (380401)		<1	1.08	13	25	3.30	1010	2.9	3.20	112	672	<20	<50	0.17	<1
D63684 (380402)		<1	2.27	40	36	8.14	1240	0.6	2.20	440	1650	<20	<50	0.16	<1
D63685 (380403)		<1	2.50	8	8	0.23	127	1.2	3.55	4.8	54	<20	<50	0.09	1
D63686 (380404)		<1	0.21	5	12	4.28	1420	1.2	2.32	86.7	368	<20	<50	0.16	<1
D63687 (380405)		<1	1.48	83	5	0.26	189	1.4	3.65	6.5	63	<20	<50	0.05	2
D63688 (380406)		<1	1.40	15	24	1.70	722	0.9	3.02	31.1	608	<20	<50	0.11	<1
D63689 (380407)		<1	1.11	14	27	1.29	489	2.5	3.17	32.1	476	<20	<50	0.10	<1
D63690 (380408)		<1	1.28	12	23	1.27	596	11.7	2.89	30.8	531	<20	<50	0.13	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T497452

PROJECT: AGAT00710

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Rb ppm	S %	Sb ppm
D63691 (380409)		<1	1.22	14	12	1.13	705	5.5	2.73	39.0	498	<20	<50	0.15	<1
D63692 (380410)		<1	0.02	<2	<1	1.73	45	<0.5	0.05	<0.5	74	<20	<50	0.02	<1
D63693 (380411)		<1	1.26	19	16	1.12	594	6.6	2.97	20.5	502	<20	<50	0.16	<1
D63694 (380412)		<1	1.46	35	67	2.19	810	5.9	3.75	59.7	1210	31	<50	0.37	<1
D63695 (380413)		<1	1.25	16	21	1.13	599	7.9	3.05	24.2	510	<20	<50	0.19	<1
D63696 (380414)		<1	0.90	12	22	2.03	780	1.3	3.14	60.3	482	<20	<50	0.05	<1
D63697 (380415)		<1	1.25	14	25	1.78	740	1.7	3.07	46.5	509	<20	<50	0.11	<1
D63698 (380416)		<1	1.27	15	25	1.74	720	2.2	3.12	43.9	494	<20	<50	0.12	<1
D63699 (380417)		<1	1.53	14	30	1.39	522	54.6	3.52	30.4	540	<20	<50	0.25	<1
D63700 (380418)		<1	2.00	13	12	0.21	149	1.8	3.33	2.1	200	<20	<50	0.01	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T497452

PROJECT: AGAT00710

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D63659 (380377)	14	<10	<5	250	<10	<10	<5	0.31	<5	<50	63.9	<1	25	73.4
D63660 (380378)	14	<10	<5	283	<10	<10	<5	0.34	<5	<50	70.5	<1	22	231
D63661 (380379)	16	<10	<5	284	<10	<10	<5	0.32	<5	<50	87.7	<1	16	86.3
D63662 (380380)	20	<10	<5	144	<10	<10	<5	0.21	<5	<50	110	<1	15	132
D63663 (380381)	19	<10	<5	375	<10	<10	<5	0.34	<5	<50	112	<1	12	123
D63664 (380382)	22	<10	<5	169	<10	<10	<5	0.36	<5	<50	145	<1	14	128
D63665 (380383)	22	<10	<5	245	<10	<10	<5	0.36	<5	<50	134	<1	16	261
D63666 (380384)	36	<10	<5	254	<10	<10	<5	0.85	<5	<50	249	<1	23	90.9
D63667 (380385)	17	<10	<5	551	<10	<10	<5	0.35	<5	<50	118	<1	17	86.2
D63668 (380386)	17	<10	<5	320	<10	<10	<5	0.34	<5	<50	111	<1	12	78.7
D63669 (380387)	6	<10	<5	511	<10	<10	<5	0.24	<5	<50	44.9	<1	8	82.1
D63670 (380388)	22	<10	<5	959	<10	<10	<5	0.42	<5	<50	142	<1	25	128
D63671 (380389)	19	<10	<5	1040	<10	<10	<5	0.43	<5	<50	139	<1	24	616
D63672 (380390)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	2.3	<1	2	4.9
D63673 (380391)	19	<10	<5	447	<10	<10	<5	0.45	<5	<50	152	<1	23	103
D63674 (380392)	23	<10	<5	283	<10	<10	<5	0.34	<5	<50	135	<1	13	223
D63675 (380393)	22	<10	<5	417	<10	<10	<5	0.35	<5	<50	126	<1	15	286
D63676 (380394)	19	<10	<5	601	<10	<10	<5	0.28	<5	<50	102	<1	16	88.8
D63677 (380395)	27	<10	<5	1500	<10	<10	<5	1.11	<5	<50	294	<1	68	95.0
D63678 (380396)	27	<10	<5	1450	<10	<10	<5	1.07	<5	<50	293	<1	68	94.8
D63679 (380397)	23	<10	<5	1130	<10	<10	<5	1.30	<5	<50	311	<1	45	105
D63680 (380398)	21	<10	<5	317	<10	<10	<5	0.30	<5	<50	123	<1	12	98.4
D63681 (380399)	21	<10	<5	291	<10	<10	<5	0.34	<5	<50	128	<1	13	87.3
D63682 (380400)	21	<10	<5	228	<10	<10	<5	0.35	<5	<50	134	<1	14	69.7
D63683 (380401)	27	<10	<5	281	<10	<10	<5	0.49	<5	<50	179	<1	16	94.3
D63684 (380402)	23	<10	<5	569	<10	<10	<5	1.43	<5	<50	236	<1	18	110
D63685 (380403)	3	<10	<5	330	<10	<10	<5	0.08	<5	<50	22.7	<1	4	23.0
D63686 (380404)	46	<10	<5	113	<10	<10	<5	0.66	<5	<50	307	<1	22	79.4
D63687 (380405)	2	<10	<5	305	<10	<10	15	0.09	<5	<50	25.1	<1	4	23.8
D63688 (380406)	17	<10	<5	276	<10	<10	<5	0.36	<5	<50	105	<1	15	108
D63689 (380407)	12	<10	<5	334	<10	<10	<5	0.25	<5	<50	77.2	<1	10	86.7
D63690 (380408)	16	<10	<5	257	<10	<10	<5	0.31	<5	<50	113	<1	12	70.5

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T497452

PROJECT: AGAT00710

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 24, 2019	DATE RECEIVED: Jul 25, 2019					DATE REPORTED: Aug 14, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D63691 (380409)	19	<10	<5	254	<10	<10	<5	0.34	<5	<50	117	<1	15	72.5	
D63692 (380410)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	2.0	1	2	3.9	
D63693 (380411)	15	<10	<5	260	<10	<10	<5	0.32	<5	<50	84.1	<1	18	61.7	
D63694 (380412)	19	<10	<5	478	<10	<10	<5	0.38	<5	<50	102	<1	22	67.4	
D63695 (380413)	15	<10	<5	282	<10	<10	<5	0.35	<5	<50	93.4	<1	15	82.0	
D63696 (380414)	22	<10	<5	251	<10	<10	<5	0.38	<5	<50	151	<1	14	90.1	
D63697 (380415)	19	<10	<5	317	<10	<10	<5	0.32	<5	<50	120	<1	14	92.9	
D63698 (380416)	18	<10	<5	332	<10	<10	<5	0.32	<5	<50	116	<1	14	95.0	
D63699 (380417)	12	<10	<5	417	<10	<10	<5	0.29	<5	<50	80.2	<1	9	71.7	
D63700 (380418)	1	<10	<5	302	<10	<10	<5	0.08	<5	<50	11.4	<1	2	36.3	

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## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D63659 (380377)			169
D63660 (380378)			161
D63661 (380379)			177
D63662 (380380)			57
D63663 (380381)			105
D63664 (380382)			56
D63665 (380383)			87
D63666 (380384)			87
D63667 (380385)			106
D63668 (380386)			80
D63669 (380387)			101
D63670 (380388)			109
D63671 (380389)			87
D63672 (380390)			<5
D63673 (380391)			63
D63674 (380392)			83
D63675 (380393)			118
D63676 (380394)			150
D63677 (380395)			12
D63678 (380396)			13
D63679 (380397)			14
D63680 (380398)			84
D63681 (380399)			89
D63682 (380400)			88
D63683 (380401)			76
D63684 (380402)			173
D63685 (380403)			86
D63686 (380404)			57
D63687 (380405)			208
D63688 (380406)			90
D63689 (380407)			82
D63690 (380408)			70

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T497452

PROJECT: AGAT00710

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

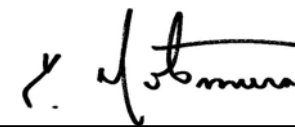
Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D63691 (380409)				35
D63692 (380410)				<5
D63693 (380411)				105
D63694 (380412)				52
D63695 (380413)				147
D63696 (380414)				87
D63697 (380415)				108
D63698 (380416)				110
D63699 (380417)				113
D63700 (380418)				71

Comments: RDL - Reported Detection Limit

380377-380418 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T497452

PROJECT: AGAT00710

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D63659 (380377)			0.010
D63660 (380378)			0.005
D63661 (380379)			0.011
D63662 (380380)			0.002
D63663 (380381)			0.007
D63664 (380382)			0.008
D63665 (380383)			0.009
D63666 (380384)			0.330
D63667 (380385)			0.003
D63668 (380386)			0.006
D63669 (380387)			0.002
D63670 (380388)			0.003
D63671 (380389)			0.005
D63672 (380390)			<0.001
D63673 (380391)			0.003
D63674 (380392)			0.003
D63675 (380393)			0.006
D63676 (380394)			0.002
D63677 (380395)			0.002
D63678 (380396)			0.001
D63679 (380397)			0.001
D63680 (380398)			0.008
D63681 (380399)			0.003
D63682 (380400)			0.004
D63683 (380401)			0.004
D63684 (380402)			0.005
D63685 (380403)			0.001
D63686 (380404)			0.535
D63687 (380405)			0.001
D63688 (380406)			0.003
D63689 (380407)			0.002
D63690 (380408)			0.002

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T497452

PROJECT: AGAT00710

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D63691 (380409)			0.004
D63692 (380410)			0.002
D63693 (380411)			0.002
D63694 (380412)			0.003
D63695 (380413)			0.005
D63696 (380414)			0.002
D63697 (380415)			0.003
D63698 (380416)			0.002
D63699 (380417)			0.003
D63700 (380418)			0.005

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T497452

PROJECT: AGAT00710

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D63659 (380377)		90.65
D63671 (380389)		83.62

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T497452

PROJECT: AGAT00710

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

	Analyte:	Pass %
	Unit:	%
Sample ID (AGAT ID)	RDL:	0.01
D63659 (380377)		88.41

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	380377	0.6	0.6	0.0%	380391	< 0.5	< 0.5	0.0%	380402	< 0.5	< 0.5	0.0%	380416	< 0.5	< 0.5	0.0%
Al	380377	7.10	7.19	1.3%	380391	5.67	5.58	1.6%	380402	3.77	3.76	0.3%	380416	7.91	8.03	1.5%
As	380377	< 1	< 1	0.0%	380391	< 1	< 1	0.0%	380402	79	87	9.6%	380416	< 1	< 1	0.0%
Ba	380377	494	497	0.6%	380391	896	877	2.1%	380402	561	577	2.8%	380416	371	369	0.5%
Be	380377	1.2	1.3	8.0%	380391	4.68	4.64	0.9%	380402	2.3	2.1	9.1%	380416	0.9	0.9	0.0%
Bi	380377	< 1	< 1	0.0%	380391	< 1	< 1	0.0%	380402	< 1	< 1	0.0%	380416	< 1	< 1	0.0%
Ca	380377	2.88	3.06	6.1%	380391	4.73	4.60	2.8%	380402	6.65	6.79	2.1%	380416	3.41	3.38	0.9%
Cd	380377	< 0.5	< 0.5	0.0%	380391	< 0.5	< 0.5	0.0%	380402	< 0.5	< 0.5	0.0%	380416	< 0.5	< 0.5	0.0%
Ce	380377	56	58	3.5%	380391	59	60	1.7%	380402	72	70	2.8%	380416	25	24	4.1%
Co	380377	13.8	14.1	2.2%	380391	33.4	33.8	1.2%	380402	60.7	59.8	1.5%	380416	17.7	17.8	0.6%
Cr	380377	62.3	64.4	3.3%	380391	199	195	2.0%	380402	519	507	2.3%	380416	42.4	43.8	3.2%
Cu	380377	23.9	23.6	1.3%	380391	55.3	54.4	1.6%	380402	85.4	86.6	1.4%	380416	57.7	57.6	0.2%
Fe	380377	3.59	3.61	0.6%	380391	4.91	4.84	1.4%	380402	7.99	8.11	1.5%	380416	4.15	4.20	1.2%
Ga	380377	20	20	0.0%	380391	18	19	5.4%	380402	19	19	0.0%	380416	22	21	4.7%
In	380377	< 1	< 1	0.0%	380391	< 1	< 1	0.0%	380402	< 1	< 1	0.0%	380416	< 1	< 1	0.0%
K	380377	1.23	1.24	0.8%	380391	1.55	1.53	1.3%	380402	2.27	2.28	0.4%	380416	1.27	1.30	2.3%
La	380377	28	29	3.5%	380391	32	33	3.1%	380402	40	39	2.5%	380416	15	14	6.9%
Li	380377	21	21	0.0%	380391	70	69	1.4%	380402	36	36	0.0%	380416	25	26	3.9%
Mg	380377	1.57	1.60	1.9%	380391	4.45	4.39	1.4%	380402	8.14	8.28	1.7%	380416	1.74	1.74	0.0%
Mn	380377	749	751	0.3%	380391	1130	1110	1.8%	380402	1240	1260	1.6%	380416	720	731	1.5%
Mo	380377	2.5	3.2	24.6%	380391	1.5	1.4	6.9%	380402	0.6	0.8	28.6%	380416	2.16	1.74	21.5%
Na	380377	3.07	3.15	2.6%	380391	3.72	3.63	2.4%	380402	2.20	2.16	1.8%	380416	3.12	3.13	0.3%
Ni	380377	62.0	65.3	5.2%	380391	198	198	0.0%	380402	440	438	0.5%	380416	43.9	44.7	1.8%
P	380377	680	713	4.7%	380391	843	830	1.6%	380402	1650	1840	10.9%	380416	494	471	4.8%
Pb	380377	< 20	< 20	0.0%	380391	< 20	< 20	0.0%	380402	< 20	< 20	0.0%	380416	< 20	< 20	0.0%
Rb	380377	< 50	< 50	0.0%	380391	< 50	< 50	0.0%	380402	< 50	< 50	0.0%	380416	< 50	< 50	0.0%
S	380377	0.10	0.10	0.0%	380391	0.17	0.17	0.0%	380402	0.160	0.167	4.3%	380416	0.12	0.12	0.0%
Sb	380377	< 1	< 1	0.0%	380391	< 1	< 1	0.0%	380402	< 1	< 1	0.0%	380416	< 1	< 1	0.0%
Sc	380377	14	14	0.0%	380391	19	19	0.0%	380402	23	23	0.0%	380416	18	18	0.0%
Se	380377	< 10	< 10	0.0%	380391	< 10	< 10	0.0%	380402	< 10	< 10	0.0%	380416	< 10	< 10	0.0%
Sn	380377	< 5	< 5	0.0%	380391	< 5	< 5	0.0%	380402	< 5	< 5	0.0%	380416	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	380377	250	257	2.8%	380391	447	436	2.5%	380402	569	581	2.1%	380416	332	332	0.0%
Ta	380377	< 10	< 10	0.0%	380391	< 10	< 10	0.0%	380402	< 10	< 10	0.0%	380416	< 10	< 10	0.0%
Te	380377	< 10	< 10	0.0%	380391	< 10	< 10	0.0%	380402	< 10	< 10	0.0%	380416	< 10	< 10	0.0%
Th	380377	< 5	< 5	0.0%	380391	< 5	< 5	0.0%	380402	< 5	< 5	0.0%	380416	< 5	< 5	0.0%
Ti	380377	0.31	0.32	3.2%	380391	0.45	0.44	2.2%	380402	1.43	1.51	5.4%	380416	0.32	0.32	0.0%
Tl	380377	< 5	< 5	0.0%	380391	< 5	< 5	0.0%	380402	< 5	< 5	0.0%	380416	< 5	< 5	0.0%
U	380377	< 50	< 50	0.0%	380391	< 50	< 50	0.0%	380402	< 50	< 50	0.0%	380416	< 50	< 50	0.0%
V	380377	63.9	67.4	5.3%	380391	152	154	1.3%	380402	236	233	1.3%	380416	116	114	1.7%
W	380377	< 1	< 1	0.0%	380391	< 1	< 1	0.0%	380402	< 1	< 1	0.0%	380416	< 1	< 1	0.0%
Y	380377	25	26	3.9%	380391	23	23	0.0%	380402	18	18	0.0%	380416	14	14	0.0%
Zn	380377	73.4	76.8	4.5%	380391	103	96.5	6.5%	380402	110	109	0.9%	380416	95.0	94.7	0.3%
Zr	380377	169	177	4.6%	380391	63	65	3.1%	380402	173	175	1.1%	380416	110	117	6.2%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	380377	0.010	0.008	22.2%	380391	0.003	0.004	28.6%	380402	0.005	0.003		380416	0.002	0.002	0.0%

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GSP7M)				CRM #2 (ref.GS5W)				CRM #3 (ref.WMG-1a)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Ag									3.03	2.95	97%	90% - 110%				
Al	10.95	10.85	99%	90% - 110%	8.17	8.38	103%	90% - 110%	4.75	4.82	101%	90% - 110%				
As					26	23	88%	90% - 110%								
Ba	340	335	99%	90% - 110%	540	544	100%	90% - 110%	216	223	103%	90% - 110%				
Be	2.6	2.6	101%	90% - 110%	4.0	3.2	81%	90% - 110%								
Ca	5.72	5.56	97%	90% - 110%	0.907	0.901	99%	90% - 110%	10	9	92%	90% - 110%				
Ce	122	110	91%	90% - 110%	98	90	91%	90% - 110%								
Co									191	186	97%	90% - 110%				
Cr					60.3	61	101%	90% - 110%	670	473	71%	90% - 110%				
Cu					150	155	103%	90% - 110%	7120	7374	104%	90% - 110%				
Fe	4.34	4.06	94%	90% - 110%	3.77	3.79	100%	90% - 110%	12.71	11.84	93%	90% - 110%				
Ga	35	36	102%	90% - 110%												
K	1.37	1.46	107%	90% - 110%					0.1021	0.1097	107%	90% - 110%				
La	58	55	95%	90% - 110%	44	42	95%	90% - 110%	8.47	10.02	118%	90% - 110%				
Li	37	38	103%	90% - 110%	47	48	101%	90% - 110%								
Mg	0.325	0.303	93%	90% - 110%	1.10	1.11	101%	90% - 110%	7.41	7.21	97%	90% - 110%				
Mn					780	787	101%	90% - 110%								
Mo					14	13	91%	90% - 110%								
Na	5.267	5.538	105%	90% - 110%	1.624	1.717	106%	90% - 110%	0.112	0.121	108%	90% - 110%				
Ni					32	32	100%	90% - 110%	2480	2382	96%	90% - 110%				
P					750	702	94%	90% - 110%	731	663	91%	90% - 110%				
Pb					31	22	70%	90% - 110%								
Sc	1.1	0.9	84%	90% - 110%	12	13	107%	90% - 110%	21.33	22.89	107%	90% - 110%				
Sr	1191	1182	99%	90% - 110%	144	152	106%	90% - 110%	39	37	96%	90% - 110%				
Ti	0.172	0.162	94%	90% - 110%	0.53	0.49	92%	90% - 110%	0.419	0.397	95%	90% - 110%				
V	8	7	88%	90% - 110%	77	81	106%	90% - 110%	158	166	105%	90% - 110%				
Y	119	121	102%	90% - 110%					12.67	13.36	105%	90% - 110%				
Zn	93	91	98%	90% - 110%	130	127	98%	90% - 110%	112	113	101%	90% - 110%				
Zr									35.7	36.2	101%	90% - 110%				

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GSP7M)				CRM #2 (ref.GS5W)				CRM #3 (ref.1P5R)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	0.725	0.718	99%	90% - 110%	5.27	5.28	100%	90% - 110%	1.81	1.78	98%	90% - 110%				



## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00710  
 SAMPLING SITE:

AGAT WORK ORDER: 19T497452  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00711

AGAT WORK ORDER: 19T497453

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Aug 15, 2019

PAGES (INCLUDING COVER): 21

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T497453

PROJECT: AGAT00711

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D63701 (380476)		1.55
D63702 (380477)		1.75
D63703 (380478)		2.82
D63704 (380479)		2.24
D63705 (380480)		2.56
D63706 (380481)		0.07
D63707 (380482)		0.75
D63708 (380483)		0.69
D63709 (380484)		1.70
D63710 (380485)		2.20
D63711 (380486)		2.56
D63712 (380487)		0.54
D63713 (380488)		3.35
D63714 (380489)		1.21
D63715 (380490)		3.03
D63716 (380491)		0.85
D63717 (380492)		2.96
D63718 (380493)		2.96
D63719 (380494)		2.23
D63720 (380495)		1.20
D63721 (380496)		1.24
D63722 (380497)		1.19
D63723 (380498)		0.79
D63724 (380499)		1.40
D63725 (380500)		1.63
D63726 (380501)		0.07
D63727 (380502)		2.16
D63728 (380503)		2.45
D63729 (380504)		1.45
D63730 (380505)		2.15
D63731 (380506)		3.19

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T497453

PROJECT: AGAT00711

5623 McADAM ROAD  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D63732 (380507)		0.60
D63733 (380508)		1.18
D63734 (380509)		3.62
D63735 (380510)		2.09
D63736 (380511)		2.06
D63737 (380512)		2.23
D63738 (380513)		2.23
D63739 (380514)		1.16
D63740 (380515)		1.42
D63741 (380516)		2.29
D63742 (380517)		2.28
D63743 (380518)		2.30
D63744 (380519)		1.52
D63745 (380520)		1.37
D63746 (380521)		0.07
D63747 (380522)		1.96
D63748 (380523)		2.12
D63749 (380524)		2.35
D63750 (380525)		0.70
D63751 (380526)		3.07
D63752 (380527)		0.52

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T497453

PROJECT: AGAT00711

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D63701 (380476)		<0.5	7.23	<1	776	1.0	<1	1.65	<0.5	29	4.4	62.1	34.4	1.47	18
D63702 (380477)		<0.5	6.73	<1	789	1.1	<1	1.67	<0.5	29	4.6	64.3	14.5	1.35	19
D63703 (380478)		0.5	7.25	<1	375	0.9	<1	3.11	<0.5	54	12.0	98.6	35.7	3.65	20
D63704 (380479)		0.6	7.42	<1	327	0.7	<1	3.34	<0.5	48	12.3	73.1	35.2	3.75	19
D63705 (380480)		<0.5	8.03	<1	297	0.6	<1	4.21	<0.5	25	21.2	79.8	57.9	4.73	20
D63706 (380481)		<0.5	7.18	<1	151	<0.5	<1	6.78	<0.5	5	44.1	145	160	8.28	21
D63707 (380482)		<0.5	6.92	<1	541	0.9	<1	2.51	<0.5	24	9.7	70.0	30.5	2.75	18
D63708 (380483)		<0.5	8.02	<1	107	<0.5	<1	4.29	<0.5	24	22.8	87.0	9.7	4.89	19
D63709 (380484)		<0.5	8.29	<1	68	<0.5	<1	7.60	<0.5	3	44.5	210	57.3	8.62	21
D63710 (380485)		<0.5	8.31	<1	264	0.7	<1	4.71	<0.5	24	26.7	92.1	83.4	5.30	20
D63711 (380486)		<0.5	7.74	<1	236	0.7	<1	4.73	<0.5	26	22.6	95.1	39.4	4.69	20
D63712 (380487)		<0.5	0.09	<1	16	<0.5	<1	33.4	<0.5	<1	0.9	5.7	<0.5	0.09	5
D63713 (380488)		<0.5	7.96	<1	251	0.5	<1	4.39	<0.5	29	21.7	77.4	94.3	5.09	20
D63714 (380489)		<0.5	2.59	<1	752	0.7	<1	7.45	<0.5	125	62.4	621	83.1	8.33	15
D63715 (380490)		<0.5	7.65	<1	286	0.7	<1	4.77	<0.5	27	19.8	110	28.9	5.14	20
D63716 (380491)		<0.5	7.53	2	536	1.0	<1	2.37	<0.5	63	6.4	61.9	17.5	2.49	20
D63717 (380492)		<0.5	7.44	1	1300	1.0	<1	1.53	<0.5	18	3.0	50.1	22.4	0.77	14
D63718 (380493)		<0.5	7.16	<1	1230	0.9	<1	1.44	<0.5	14	2.0	42.7	19.0	0.66	14
D63719 (380494)		<0.5	7.64	<1	353	0.8	<1	3.92	<0.5	30	23.7	98.2	15.3	5.20	21
D63720 (380495)		<0.5	7.36	1	819	2.1	<1	2.01	<0.5	41	4.6	53.9	7.3	1.40	18
D63721 (380496)		<0.5	7.81	2	1530	2.0	<1	2.32	<0.5	89	10.0	67.4	29.4	3.01	20
D63722 (380497)		0.6	7.83	<1	722	1.9	<1	3.32	<0.5	55	15.8	63.2	53.3	4.33	22
D63723 (380498)		<0.5	3.12	<1	427	1.1	<1	1.87	<0.5	28	4.7	117	19.5	1.47	10
D63724 (380499)		0.6	6.42	<1	767	1.8	<1	3.60	<0.5	68	34.9	230	37.6	5.56	18
D63725 (380500)		<0.5	3.03	<1	228	0.6	<1	5.64	<0.5	40	90.4	738	120	10.2	13
D63726 (380501)		<0.5	7.02	<1	149	<0.5	<1	6.65	<0.5	5	43.5	157	157	8.13	20
D63727 (380502)		<0.5	6.70	<1	432	0.6	<1	3.69	<0.5	46	13.3	79.1	8.9	6.81	21
D63728 (380503)		<0.5	6.54	<1	423	0.6	<1	4.04	<0.5	48	12.1	62.9	18.8	6.84	21
D63729 (380504)		<0.5	5.25	<1	656	0.6	<1	5.90	<0.5	74	31.7	192	52.0	7.91	22
D63730 (380505)		0.6	6.39	10	486	3.4	<1	3.69	<0.5	65	15.3	67.5	13.3	6.66	21
D63731 (380506)		0.9	3.54	<1	1260	1.0	<1	8.93	<0.5	157	56.7	368	145	8.64	17
D63732 (380507)		<0.5	0.09	<1	15	<0.5	<1	31.0	<0.5	<1	0.7	5.4	<0.5	0.09	5

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T497453

PROJECT: AGAT00711

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
		0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5
D63733 (380508)		<0.5	5.59	<1	809	0.7	<1	5.79	<0.5	81	25.4	114	85.5	7.03	21
D63734 (380509)		0.6	3.84	<1	1490	<0.5	<1	9.03	<0.5	182	56.0	363	139	8.79	20
D63735 (380510)		1.3	6.75	<1	380	1.2	<1	1.91	<0.5	51	10.2	70.7	27.4	3.92	19
D63736 (380511)		1.1	6.87	<1	357	1.2	<1	2.28	<0.5	58	7.8	70.1	4.4	3.56	18
D63737 (380512)		1.1	6.90	<1	444	1.1	<1	1.79	<0.5	58	7.4	65.4	11.8	3.34	19
D63738 (380513)		1.1	6.85	<1	439	1.1	<1	1.82	<0.5	61	7.7	69.7	12.7	3.31	18
D63739 (380514)		0.6	5.74	<1	545	2.8	<1	4.81	<0.5	74	18.0	85.3	66.6	4.04	20
D63740 (380515)		0.6	6.33	<1	400	2.0	<1	3.30	<0.5	74	7.8	64.8	13.8	2.59	16
D63741 (380516)		<0.5	5.78	<1	416	2.2	<1	5.97	<0.5	73	16.1	67.4	33.8	6.25	20
D63742 (380517)		<0.5	7.01	<1	343	0.7	<1	5.19	<0.5	48	11.3	87.8	7.1	6.71	22
D63743 (380518)		<0.5	7.00	<1	409	1.0	<1	4.80	<0.5	40	11.7	66.7	5.6	7.24	21
D63744 (380519)		<0.5	6.96	<1	432	0.7	<1	4.65	<0.5	54	11.1	69.2	16.3	5.71	22
D63745 (380520)		<0.5	6.71	<1	313	0.6	<1	4.42	<0.5	70	10.2	71.2	8.5	6.42	23
D63746 (380521)		<0.5	7.26	3	89	<0.5	<1	7.21	<0.5	5	41.2	141	165	7.57	17
D63747 (380522)		0.9	6.61	2	1890	0.5	<1	0.86	<0.5	7	2.7	56.6	36.1	0.72	12
D63748 (380523)		2.5	6.02	<1	1320	0.6	<1	1.03	<0.5	8	2.3	59.3	41.1	0.82	11
D63749 (380524)		<0.5	7.44	<1	451	0.9	<1	2.96	<0.5	28	9.8	79.1	5.5	3.81	22
D63750 (380525)		<0.5	6.39	<1	545	2.9	<1	5.96	<0.5	46	34.7	317	20.2	6.70	19
D63751 (380526)		<0.5	7.07	<1	291	0.6	<1	4.92	<0.5	42	16.1	77.0	43.8	8.14	24
D63752 (380527)		<0.5	0.07	2	16	<0.5	<1	31.6	<0.5	<1	0.6	4.8	<0.5	0.10	5

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T497453

PROJECT: AGAT00711

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D63701 (380476)		<1	1.94	16	6	0.34	188	21.1	3.36	6.1	222	<20	<50	0.18	<1
D63702 (380477)		<1	1.87	16	8	0.42	241	9.2	3.25	9.3	407	<20	<50	0.08	<1
D63703 (380478)		<1	1.11	28	24	1.07	654	7.8	3.07	24.5	544	<20	<50	0.18	<1
D63704 (380479)		<1	0.93	24	16	0.98	659	7.8	2.95	21.5	618	<20	<50	0.11	<1
D63705 (380480)		<1	1.13	14	19	1.81	750	5.3	3.29	50.6	546	<20	<50	0.11	<1
D63706 (380481)		<1	0.20	5	12	4.20	1420	<0.5	2.30	91.7	395	<20	<50	0.16	<1
D63707 (380482)		<1	1.60	14	14	0.83	369	8.5	2.75	20.6	354	<20	<50	0.06	<1
D63708 (380483)		<1	0.84	13	22	2.02	825	4.9	3.12	57.9	608	<20	<50	0.03	<1
D63709 (380484)		<1	0.51	4	18	4.52	1480	1.7	2.29	106	239	<20	<50	0.07	<1
D63710 (380485)		<1	0.91	13	26	2.15	876	4.8	2.96	60.6	830	<20	<50	0.07	<1
D63711 (380486)		<1	0.66	14	23	2.03	776	4.8	2.86	61.7	632	<20	<50	0.05	<1
D63712 (380487)		1	0.01	<2	1	1.60	48	0.5	0.05	0.8	97	<20	<50	0.04	2
D63713 (380488)		<1	1.02	16	27	1.91	738	5.3	3.18	60.6	784	<20	<50	0.55	<1
D63714 (380489)		<1	2.28	66	18	10.6	1410	1.1	1.45	550	2300	<20	<50	0.18	<1
D63715 (380490)		<1	1.10	14	14	1.41	1070	6.5	2.83	43.2	696	<20	<50	0.22	<1
D63716 (380491)		<1	1.23	32	12	0.68	370	6.7	3.54	13.8	533	28	<50	0.11	<1
D63717 (380492)		<1	2.96	11	1	0.09	69	11.9	3.01	2.2	38	<20	<50	0.19	<1
D63718 (380493)		<1	2.90	9	1	0.07	53	8.6	2.83	1.4	25	<20	<50	0.17	2
D63719 (380494)		<1	1.43	15	20	2.82	889	5.7	2.98	48.5	887	<20	<50	0.08	<1
D63720 (380495)		<1	1.50	22	11	0.46	244	8.4	3.30	4.4	473	<20	<50	0.05	<1
D63721 (380496)		<1	3.09	47	19	0.94	549	8.2	2.71	9.9	1280	<20	<50	0.20	<1
D63722 (380497)		<1	1.45	28	17	1.71	781	4.5	3.18	22.7	1100	<20	<50	0.32	<1
D63723 (380498)		<1	1.06	16	1	0.62	222	17.8	1.81	13.5	44	<20	<50	0.12	<1
D63724 (380499)		<1	1.67	36	20	4.32	959	3.8	3.03	334	940	<20	<50	0.13	<1
D63725 (380500)		<1	1.46	23	9	10.3	1590	0.6	0.72	1080	502	<20	<50	0.18	<1
D63726 (380501)		<1	0.20	5	12	4.10	1400	<0.5	2.28	89.3	386	<20	<50	0.15	<1
D63727 (380502)		<1	1.43	21	16	0.72	1070	7.5	2.12	16.4	1210	<20	<50	0.03	<1
D63728 (380503)		<1	1.27	23	12	0.55	1080	7.0	2.17	5.8	1160	<20	<50	0.06	<1
D63729 (380504)		<1	1.87	39	15	3.77	1260	2.6	3.24	163	1730	<20	<50	0.07	<1
D63730 (380505)		<1	0.84	31	17	0.87	1090	8.2	5.31	11.9	1540	<20	<50	0.07	<1
D63731 (380506)		<1	2.66	86	22	7.88	1380	1.7	1.19	338	2290	<20	<50	0.22	<1
D63732 (380507)		<1	0.02	<2	<1	2.86	56	0.7	0.05	0.7	100	<20	<50	0.04	1

Certified By:



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AGAT WORK ORDER: 19T497453

PROJECT: AGAT00711

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D63733 (380508)		<1	1.43	44	25	3.54	832	3.6	3.38	86.3	4480	<20	<50	0.22	<1
D63734 (380509)		<1	2.83	102	22	7.65	1400	2.1	0.74	315	2610	<20	<50	0.22	<1
D63735 (380510)		<1	1.24	26	26	0.97	516	6.9	3.83	7.8	621	<20	<50	0.16	<1
D63736 (380511)		<1	1.30	29	17	0.90	467	8.4	3.38	14.1	590	<20	<50	0.03	<1
D63737 (380512)		<1	1.54	29	22	0.98	498	7.9	3.27	12.7	595	<20	<50	0.04	<1
D63738 (380513)		<1	1.52	29	21	0.96	491	8.9	3.29	13.3	595	<20	<50	0.04	<1
D63739 (380514)		<1	1.30	43	31	2.04	743	6.1	3.64	52.9	2020	<20	<50	0.16	<1
D63740 (380515)		<1	0.86	35	13	0.51	504	8.3	4.08	8.1	642	<20	<50	0.19	<1
D63741 (380516)		<1	1.27	39	20	1.49	1150	4.2	2.46	24.9	2230	<20	<50	0.09	<1
D63742 (380517)		<1	1.74	23	13	0.60	1200	9.0	0.99	2.6	1250	<20	<50	0.03	<1
D63743 (380518)		<1	2.22	20	11	0.73	1180	6.6	1.43	3.4	1050	<20	<50	0.06	<1
D63744 (380519)		<1	2.41	26	9	0.73	938	7.1	1.46	6.8	1040	<20	<50	0.05	<1
D63745 (380520)		<1	1.34	37	12	0.62	1170	7.5	1.56	2.4	1110	<20	<50	0.05	<1
D63746 (380521)		<1	0.25	5	13	4.26	1310	<0.5	1.65	99.2	327	<20	<50	0.22	<1
D63747 (380522)		<1	4.82	5	2	0.05	60	11.7	2.00	2.0	48	24	<50	0.19	1
D63748 (380523)		<1	3.37	6	4	0.08	67	10.8	2.10	2.1	35	<20	<50	0.20	<1
D63749 (380524)		<1	1.50	14	10	0.63	619	7.1	2.79	9.8	700	<20	<50	0.03	<1
D63750 (380525)		<1	1.48	23	36	4.60	1200	2.0	2.17	66.2	1440	<20	<50	0.09	<1
D63751 (380526)		<1	1.24	20	10	0.57	1330	7.4	1.56	2.8	1440	<20	<50	0.15	<1
D63752 (380527)		2	0.02	<2	<1	1.72	74	<0.5	0.04	<0.5	83	<20	<50	0.04	<1

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T497453

PROJECT: AGAT00711

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D63701 (380476)	2	<10	<5	298	<10	<10	<5	0.11	<5	<50	21.0	<1	3	50.0
D63702 (380477)	3	<10	<5	275	<10	<10	<5	0.09	<5	<50	18.4	<1	4	52.1
D63703 (380478)	13	<10	<5	304	<10	<10	<5	0.34	<5	<50	66.4	<1	20	70.3
D63704 (380479)	14	<10	<5	291	<10	<10	<5	0.38	<5	<50	67.0	<1	26	65.9
D63705 (380480)	21	<10	<5	247	<10	<10	<5	0.37	<5	<50	136	<1	14	72.4
D63706 (380481)	47	<10	<5	116	<10	<10	<5	0.67	<5	<50	325	<1	24	82.7
D63707 (380482)	8	<10	<5	235	<10	<10	<5	0.23	<5	<50	65.6	<1	7	48.1
D63708 (380483)	22	<10	<5	278	<10	<10	<5	0.37	<5	<50	146	<1	15	72.8
D63709 (380484)	41	<10	<5	158	<10	<10	<5	0.51	<5	<50	275	<1	20	89.9
D63710 (380485)	23	<10	<5	279	<10	<10	<5	0.40	<5	<50	156	<1	16	72.6
D63711 (380486)	21	<10	<5	261	<10	<10	<5	0.34	<5	<50	138	<1	15	67.7
D63712 (380487)	<1	<10	<5	75	<10	<10	<5	<0.01	<5	<50	1.3	1	3	3.8
D63713 (380488)	19	<10	<5	294	<10	<10	<5	0.41	<5	<50	133	<1	15	96.8
D63714 (380489)	21	<10	<5	845	<10	<10	<5	1.45	<5	<50	215	<1	25	83.3
D63715 (380490)	17	<10	<5	246	<10	<10	<5	0.38	<5	<50	90.9	<1	24	256
D63716 (380491)	6	<10	<5	437	<10	<10	<5	0.28	<5	<50	41.4	<1	10	71.7
D63717 (380492)	<1	<10	<5	291	<10	<10	<5	0.03	<5	<50	5.6	<1	2	16.2
D63718 (380493)	<1	<10	<5	274	<10	<10	<5	0.03	<5	<50	4.4	<1	2	12.9
D63719 (380494)	24	<10	<5	408	<10	<10	<5	0.39	<5	<50	139	<1	19	87.6
D63720 (380495)	5	<10	<5	565	<10	<10	<5	0.10	<5	<50	29.4	<1	8	35.8
D63721 (380496)	9	<10	<5	561	<10	<10	<5	0.23	<5	<50	63.0	<1	16	77.3
D63722 (380497)	14	<10	<5	663	<10	<10	<5	0.33	<5	<50	91.2	<1	18	176
D63723 (380498)	4	<10	<5	180	<10	<10	<5	0.03	<5	<50	15.6	<1	6	43.2
D63724 (380499)	14	<10	<5	493	<10	<10	<5	0.33	<5	<50	86.2	<1	15	94.7
D63725 (380500)	19	<10	<5	169	<10	12	<5	0.68	<5	<50	153	<1	14	105
D63726 (380501)	46	<10	<5	115	<10	<10	<5	0.66	<5	<50	314	<1	23	79.0
D63727 (380502)	18	<10	<5	210	<10	<10	<5	0.46	<5	<50	9.3	<1	47	133
D63728 (380503)	18	<10	<5	186	<10	<10	<5	0.47	<5	<50	5.9	<1	47	137
D63729 (380504)	20	<10	<5	496	<10	<10	<5	0.97	<5	<50	109	<1	37	108
D63730 (380505)	20	<10	<5	284	<10	<10	<5	0.47	<5	<50	46.0	<1	31	238
D63731 (380506)	29	<10	<5	881	<10	<10	<5	2.10	<5	<50	300	<1	27	80.7
D63732 (380507)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	2.3	1	3	6.2

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T497453

PROJECT: AGAT00711

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
D63733 (380508)	31	<10	<5	575	<10	<10	<5	0.96	<5	<50	155	<1	28	152
D63734 (380509)	31	<10	<5	943	<10	<10	<5	2.50	<5	<50	326	<1	27	85.8
D63735 (380510)	14	<10	<5	203	<10	<10	<5	0.38	<5	<50	58.1	<1	24	87.3
D63736 (380511)	10	<10	<5	211	<10	<10	<5	0.37	<5	<50	40.6	<1	28	72.2
D63737 (380512)	10	<10	<5	242	<10	<10	<5	0.31	<5	<50	37.4	<1	22	78.7
D63738 (380513)	10	<10	<5	243	<10	<10	<5	0.31	<5	<50	37.5	<1	23	76.7
D63739 (380514)	11	<10	<5	772	<10	<10	<5	0.51	<5	<50	119	<1	35	74.9
D63740 (380515)	14	<10	<5	270	<10	<10	<5	0.24	<5	<50	69.8	<1	37	53.2
D63741 (380516)	16	<10	<5	554	<10	<10	<5	0.53	<5	<50	90.1	<1	51	106
D63742 (380517)	18	<10	<5	132	<10	<10	<5	0.49	<5	<50	6.0	<1	50	132
D63743 (380518)	18	<10	<5	139	<10	<10	<5	0.47	<5	<50	15.1	<1	41	153
D63744 (380519)	16	<10	<5	169	<10	<10	<5	0.45	<5	<50	21.6	<1	38	126
D63745 (380520)	17	<10	<5	131	<10	<10	<5	0.47	<5	<50	7.2	<1	44	139
D63746 (380521)	43	<10	<5	174	<10	<10	<5	0.58	<5	<50	279	<1	21	79.0
D63747 (380522)	<1	<10	<5	230	<10	<10	<5	0.03	<5	<50	2.8	<1	2	16.9
D63748 (380523)	<1	<10	<5	205	<10	<10	8	0.04	<5	<50	3.4	<1	3	16.3
D63749 (380524)	10	<10	<5	285	<10	<10	<5	0.29	<5	<50	31.0	<1	19	82.7
D63750 (380525)	30	<10	<5	586	<10	<10	<5	0.45	<5	<50	179	<1	25	114
D63751 (380526)	20	<10	<5	198	<10	<10	<5	0.57	<5	<50	9.4	<1	46	153
D63752 (380527)	<1	<10	<5	72	<10	<10	<5	<0.01	<5	<50	1.4	1	3	4.6

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AGAT WORK ORDER: 19T497453

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D63701 (380476)	75
D63702 (380477)	72
D63703 (380478)	139
D63704 (380479)	157
D63705 (380480)	79
D63706 (380481)	58
D63707 (380482)	109
D63708 (380483)	96
D63709 (380484)	16
D63710 (380485)	67
D63711 (380486)	64
D63712 (380487)	<5
D63713 (380488)	87
D63714 (380489)	153
D63715 (380490)	51
D63716 (380491)	86
D63717 (380492)	48
D63718 (380493)	46
D63719 (380494)	106
D63720 (380495)	84
D63721 (380496)	117
D63722 (380497)	146
D63723 (380498)	50
D63724 (380499)	154
D63725 (380500)	56
D63726 (380501)	57
D63727 (380502)	70
D63728 (380503)	51
D63729 (380504)	126
D63730 (380505)	178
D63731 (380506)	273
D63732 (380507)	<5

Certified By:

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PROJECT: AGAT00711

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core


Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D63733 (380508)	128
D63734 (380509)	291
D63735 (380510)	300
D63736 (380511)	280
D63737 (380512)	244
D63738 (380513)	256
D63739 (380514)	187
D63740 (380515)	180
D63741 (380516)	106
D63742 (380517)	24
D63743 (380518)	30
D63744 (380519)	20
D63745 (380520)	39
D63746 (380521)	50
D63747 (380522)	182
D63748 (380523)	506
D63749 (380524)	91
D63750 (380525)	120
D63751 (380526)	29
D63752 (380527)	<5

Comments: RDL - Reported Detection Limit

380476-380527 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T497453

PROJECT: AGAT00711

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D63701 (380476)			0.008
D63702 (380477)			0.008
D63703 (380478)			0.006
D63704 (380479)			0.003
D63705 (380480)			0.009
D63706 (380481)			0.525
D63707 (380482)			0.017
D63708 (380483)			0.013
D63709 (380484)			0.017
D63710 (380485)			0.016
D63711 (380486)			0.019
D63712 (380487)			0.006
D63713 (380488)			0.008
D63714 (380489)			0.009
D63715 (380490)			0.006
D63716 (380491)			0.008
D63717 (380492)			0.004
D63718 (380493)			0.007
D63719 (380494)			0.008
D63720 (380495)			0.002
D63721 (380496)			0.009
D63722 (380497)			0.015
D63723 (380498)			0.015
D63724 (380499)			0.011
D63725 (380500)			0.018
D63726 (380501)			0.534
D63727 (380502)			0.002
D63728 (380503)			0.004
D63729 (380504)			0.004
D63730 (380505)			0.009
D63731 (380506)			0.002
D63732 (380507)			0.007

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T497453

PROJECT: AGAT00711

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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 15, 2019


SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D63733 (380508)			0.006
D63734 (380509)			0.007
D63735 (380510)			0.006
D63736 (380511)			0.006
D63737 (380512)			0.009
D63738 (380513)			0.007
D63739 (380514)			0.006
D63740 (380515)			0.012
D63741 (380516)			0.005
D63742 (380517)			0.003
D63743 (380518)			0.004
D63744 (380519)			0.005
D63745 (380520)			0.008
D63746 (380521)			1.21
D63747 (380522)			0.008
D63748 (380523)			0.005
D63749 (380524)			0.005
D63750 (380525)			0.009
D63751 (380526)			0.006
D63752 (380527)			0.004

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





# Certificate of Analysis

AGAT WORK ORDER: 19T497453

PROJECT: AGAT00711

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D63701 (380476)		83.33
D63720 (380495)		77.27
D63740 (380515)		75.24

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T497453

PROJECT: AGAT00711

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 24, 2019

DATE RECEIVED: Jul 25, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL: 0.01
D63701 (380476)	85.35

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	380476	< 0.5	< 0.5	0.0%	380490	< 0.5	< 0.5	0.0%	380500	< 0.5	< 0.5	0.0%	380515	0.6	0.6	0.0%
Al	380476	7.23	7.33	1.4%	380490	7.65	7.66	0.1%	380500	3.03	3.12	2.9%	380515	6.33	6.64	4.8%
As	380476	< 1	< 1	0.0%	380490	< 1	< 1	0.0%	380500	< 1	< 1	0.0%	380515	< 1	1	
Ba	380476	776	789	1.7%	380490	286	289	1.0%	380500	228	229	0.4%	380515	400	414	3.4%
Be	380476	1.0	1.0	0.0%	380490	0.7	0.7	0.0%	380500	0.6	0.6	0.0%	380515	2.0	2.0	0.0%
Bi	380476	< 1	< 1	0.0%	380490	< 1	< 1	0.0%	380500	< 1	< 1	0.0%	380515	< 1	< 1	0.0%
Ca	380476	1.65	1.68	1.8%	380490	4.77	4.85	1.7%	380500	5.64	5.91	4.7%	380515	3.30	3.39	2.7%
Cd	380476	< 0.5	< 0.5	0.0%	380490	< 0.5	< 0.5	0.0%	380500	< 0.5	< 0.5	0.0%	380515	< 0.5	< 0.5	0.0%
Ce	380476	29	28	3.5%	380490	27	28	3.6%	380500	40	42	4.9%	380515	74	72	2.7%
Co	380476	4.4	4.4	0.0%	380490	19.8	19.4	2.0%	380500	90.4	87.7	3.0%	380515	7.8	7.3	6.6%
Cr	380476	62.1	61.7	0.6%	380490	110	117	6.2%	380500	738	690	6.7%	380515	64.8	55.2	16.0%
Cu	380476	34.4	33.5	2.7%	380490	28.9	29.1	0.7%	380500	120	116	3.4%	380515	13.8	15.2	9.7%
Fe	380476	1.47	1.45	1.4%	380490	5.14	5.13	0.2%	380500	10.2	10.2	0.0%	380515	2.59	2.68	3.4%
Ga	380476	18	18	0.0%	380490	20	21	4.9%	380500	13	14	7.4%	380515	16	16	0.0%
In	380476	< 1	< 1	0.0%	380490	< 1	< 1	0.0%	380500	< 1	< 1	0.0%	380515	< 1	< 1	0.0%
K	380476	1.94	1.99	2.5%	380490	1.10	1.11	0.9%	380500	1.46	1.40	4.2%	380515	0.860	0.906	5.2%
La	380476	16	16	0.0%	380490	14	14	0.0%	380500	23	24	4.3%	380515	35	34	2.9%
Li	380476	6	7	15.4%	380490	14	14	0.0%	380500	9	9	0.0%	380515	13	13	0.0%
Mg	380476	0.34	0.33	3.0%	380490	1.41	1.41	0.0%	380500	10.3	10.2	1.0%	380515	0.51	0.52	1.9%
Mn	380476	188	186	1.1%	380490	1070	1070	0.0%	380500	1590	1620	1.9%	380515	504	514	2.0%
Mo	380476	21.1	17.2	20.4%	380490	6.5	6.6	1.5%	380500	0.6	< 0.5		380515	8.3	8.1	2.4%
Na	380476	3.36	3.34	0.6%	380490	2.83	2.84	0.4%	380500	0.72	0.75	4.1%	380515	4.08	4.14	1.5%
Ni	380476	6.13	5.14	17.6%	380490	43.2	42.2	2.3%	380500	1080	1020	5.7%	380515	8.1	7.8	3.8%
P	380476	222	216	2.7%	380490	696	693	0.4%	380500	502	548	8.8%	380515	642	640	0.3%
Pb	380476	< 20	< 20	0.0%	380490	< 20	< 20	0.0%	380500	< 20	< 20	0.0%	380515	< 20	< 20	0.0%
Rb	380476	< 50	< 50	0.0%	380490	< 50	< 50	0.0%	380500	< 50	< 50	0.0%	380515	< 50	< 50	0.0%
S	380476	0.185	0.186	0.5%	380490	0.220	0.226	2.7%	380500	0.18	0.17	5.7%	380515	0.191	0.209	9.0%
Sb	380476	< 1	< 1	0.0%	380490	< 1	< 1	0.0%	380500	< 1	< 1	0.0%	380515	< 1	< 1	0.0%
Sc	380476	2	2	0.0%	380490	17	17	0.0%	380500	19	20	5.1%	380515	14	14	0.0%
Se	380476	< 10	< 10	0.0%	380490	< 10	< 10	0.0%	380500	< 10	< 10	0.0%	380515	< 10	< 10	0.0%
Sn	380476	< 5	< 5	0.0%	380490	< 5	< 5	0.0%	380500	< 5	< 5	0.0%	380515	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	380476	298	290	2.7%	380490	246	246	0.0%	380500	169	177	4.6%	380515	270	272	0.7%
Ta	380476	< 10	< 10	0.0%	380490	< 10	< 10	0.0%	380500	< 10	< 10	0.0%	380515	< 10	< 10	0.0%
Te	380476	< 10	< 10	0.0%	380490	< 10	< 10	0.0%	380500	12	< 10		380515	< 10	< 10	0.0%
Th	380476	< 5	< 5	0.0%	380490	< 5	< 5	0.0%	380500	< 5	< 5	0.0%	380515	< 5	< 5	0.0%
Ti	380476	0.11	0.11	0.0%	380490	0.38	0.38	0.0%	380500	0.68	0.69	1.5%	380515	0.24	0.25	4.1%
Tl	380476	< 5	< 5	0.0%	380490	< 5	< 5	0.0%	380500	< 5	< 5	0.0%	380515	< 5	< 5	0.0%
U	380476	< 50	< 50	0.0%	380490	< 50	< 50	0.0%	380500	< 50	< 50	0.0%	380515	< 50	< 50	0.0%
V	380476	21.0	20.9	0.5%	380490	90.9	91.8	1.0%	380500	153	153	0.0%	380515	69.8	68.3	2.2%
W	380476	< 1	< 1	0.0%	380490	< 1	< 1	0.0%	380500	< 1	< 1	0.0%	380515	< 1	< 1	0.0%
Y	380476	3	3	0.0%	380490	24	25	4.1%	380500	14	15	6.9%	380515	37	36	2.7%
Zn	380476	50.0	48.0	4.1%	380490	256	260	1.6%	380500	105	106	0.9%	380515	53.2	57.1	7.1%
Zr	380476	75	73	2.7%	380490	51	50	2.0%	380500	56	55	1.8%	380515	180	174	3.4%

REPLICATE #5

Parameter	Sample ID	Original	Replicate	RPD												
Ag	380526	< 0.5	< 0.5	0.0%												
Al	380526	7.07	7.01	0.9%												
As	380526	< 1	< 1	0.0%												
Ba	380526	291	317	8.6%												
Be	380526	0.6	0.6	0.0%												
Bi	380526	< 1	< 1	0.0%												
Ca	380526	4.92	4.90	0.4%												
Cd	380526	< 0.5	< 0.5	0.0%												
Ce	380526	42	43	2.4%												
Co	380526	16.1	14.9	7.7%												
Cr	380526	77.0	74.6	3.2%												
Cu	380526	43.8	40.2	8.6%												
Fe	380526	8.14	7.65	6.2%												
Ga	380526	24	22	8.7%												
In	380526	< 1	< 1	0.0%												
K	380526	1.24	1.25	0.8%												
La	380526	20	20	0.0%												
Li	380526	10	10	0.0%												
Mg	380526	0.571	0.575	0.7%												
Mn	380526	1330	1270	4.6%												



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	380526	7.38	7.46	1.1%												
Na	380526	1.56	1.57	0.6%												
Ni	380526	2.85	3.54	21.6%												
P	380526	1440	1310	9.5%												
Pb	380526	< 20	< 20	0.0%												
Rb	380526	< 50	< 50	0.0%												
S	380526	0.15	0.14	6.9%												
Sb	380526	< 1	< 1	0.0%												
Sc	380526	20	21	4.9%												
Se	380526	< 10	< 10	0.0%												
Sn	380526	< 5	< 5	0.0%												
Sr	380526	198	201	1.5%												
Ta	380526	< 10	< 10	0.0%												
Te	380526	< 10	< 10	0.0%												
Th	380526	< 5	< 5	0.0%												
Ti	380526	0.57	0.55	3.6%												
Tl	380526	< 5	< 5	0.0%												
U	380526	< 50	< 50	0.0%												
V	380526	9.37	9.34	0.3%												
W	380526	< 1	< 1	0.0%												
Y	380526	46	46	0.0%												
Zn	380526	153	144	6.1%												
Zr	380526	29	28	3.5%												

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	380476	0.008	0.004		380490	0.006	0.005	18.2%	380500	0.018	0.019	5.4%	380515	0.012	0.008	
Parameter	REPLICATE #5															
	Sample ID	Original	Replicate	RPD												
Au	380526	0.0055	0.0053	3.7%												

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.WMG-1a)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Ag									3.03	3.3	109%	90% - 110%				
Al	10.95	10.74	98%	90% - 110%	8.17	8.14	100%	90% - 110%	4.75	4.8	101%	90% - 110%				
As					26	24	92%	90% - 110%								
Ba	340	337	99%	90% - 110%	540	536	99%	90% - 110%	216	229	106%	90% - 110%				
Be	2.6	2.6	100%	90% - 110%	4.0	3	74%	90% - 110%								
Ca	5.72	5.51	96%	90% - 110%	0.907	0.894	99%	90% - 110%	10	9	92%	90% - 110%				
Ce	122	112	92%	90% - 110%	98	100	102%	90% - 110%								
Co	2.8	2.1	74%	90% - 110%					191	172	90%	90% - 110%				
Cr					60.3	69	114%	90% - 110%	670	538	80%	90% - 110%				
Cu					150	151	101%	90% - 110%	7120	7286	102%	90% - 110%				
Fe	4.34	4.17	96%	90% - 110%	3.77	3.77	100%	90% - 110%	12.71	12.06	95%	90% - 110%				
Ga	35	32	92%	90% - 110%												
K	1.37	1.43	104%	90% - 110%					0.1021	0.1089	107%	90% - 110%				
La	58	57	98%	90% - 110%	44	46	106%	90% - 110%	8.47	9.74	115%	90% - 110%				
Li	37	39	104%	90% - 110%	47	48	102%	90% - 110%								
Mg	0.325	0.295	91%	90% - 110%	1.10	1.05	95%	90% - 110%	7.41	6.98	94%	90% - 110%				
Mn					780	768	99%	90% - 110%								
Mo					14	14	98%	90% - 110%								
Na	5.267	5.317	101%	90% - 110%	1.624	1.69	104%	90% - 110%	0.112	0.121	108%	90% - 110%				
Ni					32	33	102%	90% - 110%	2480	2165	87%	90% - 110%				
P					750	735	98%	90% - 110%	731	664	91%	90% - 110%				
Pb					31	26	85%	90% - 110%								
Sc	1.1	0.9	83%	90% - 110%	12	13	109%	90% - 110%	21.33	21.99	103%	90% - 110%				
Sr	1191	1184	99%	90% - 110%	144	155	107%	90% - 110%	39	38	98%	90% - 110%				
Ti	0.172	0.165	96%	90% - 110%	0.53	0.48	90%	90% - 110%	0.419	0.404	96%	90% - 110%				
V	8	7	82%	90% - 110%	77	84	110%	90% - 110%	158	158	100%	90% - 110%				
Y	119	127	106%	90% - 110%					12.67	13.58	107%	90% - 110%				
Zn	93	95	102%	90% - 110%	130	126	97%	90% - 110%	112	109	97%	90% - 110%				
Zr									35.7	36.8	103%	90% - 110%				

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP5G)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	5.27	4.96	94%	90% - 110%	6.87	6.74	98%	90% - 110%	0.562	0.573	102%	90% - 110%				

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00711  
 SAMPLING SITE:

AGAT WORK ORDER: 19T497453  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00712

AGAT WORK ORDER: 19T497933

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Aug 14, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T497933

PROJECT: AGAT00712

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 25, 2019

DATE RECEIVED: Jul 26, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D64433 (382440)		1.55
D64434 (382441)		1.76
D64435 (382442)		2.38
D64436 (382443)		2.41
D64437 (382444)		2.39
D64438 (382445)		2.39
D64439 (382446)		0.95
D64440 (382447)		1.41
D64441 (382448)		1.31
D64442 (382449)		1.14
D64443 (382450)		2.40
D64444 (382451)		1.08
D64445 (382452)		2.45
D64446 (382453)		0.07
D64447 (382454)		2.27
D64448 (382455)		2.41
D64449 (382456)		2.50
D64450 (382457)		2.25
D64451 (382458)		1.72
D64452 (382459)		0.66
D64453 (382460)		2.31
D64454 (382461)		2.24
D64455 (382462)		1.90
D64456 (382463)		2.00
D64457 (382464)		2.48
D64458 (382465)		2.48
D64459 (382466)		2.00
D64460 (382467)		2.81
D64461 (382468)		2.56
D64462 (382469)		2.46
D64463 (382470)		1.55

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T497933

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Jul 25, 2019

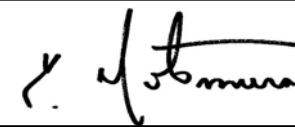
DATE RECEIVED: Jul 26, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D64464 (382471)		2.00
D64465 (382472)		2.14
D64466 (382473)		0.07
D64467 (382474)		2.19
D64468 (382475)		2.22
D64469 (382476)		1.05
D64470 (382477)		2.87
D64471 (382478)		2.43
D64472 (382479)		0.63
D64473 (382480)		1.31
D64474 (382481)		1.25
D64475 (382482)		2.43
D64476 (382483)		2.17
D64477 (382484)		2.16
D64478 (382485)		2.16
D64479 (382486)		2.52
D64480 (382487)		2.43
D64481 (382488)		2.53
D64482 (382489)		2.38
D64483 (382490)		2.43
D64484 (382491)		2.26
D64485 (382492)		2.55
D64486 (382493)		0.07
D64487 (382494)		2.14
D64488 (382495)		2.55
D64489 (382496)		2.46
D64490 (382497)		2.30
D64491 (382498)		2.42
D64492 (382499)		0.64
D64493 (382500)		2.52
D64494 (382501)		2.39

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T497933

PROJECT: AGAT00712

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Jul 25, 2019

DATE RECEIVED: Jul 26, 2019

DATE REPORTED: Aug 14, 2019

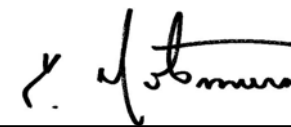
SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D64495 (382502)		2.48
D64496 (382503)		1.34
D64497 (382504)		2.40
D64498 (382505)		2.40
D64499 (382506)		1.27
D64500 (382507)		1.21
D64501 (382508)		1.95
D64502 (382509)		1.23
D64503 (382510)		2.41
D64504 (382511)		1.92

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T497933

PROJECT: AGAT00712

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 25, 2019

DATE RECEIVED: Jul 26, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D64433 (382440)		<0.5	3.33	<1	719	1.9	<1	7.97	<0.5	110	49.4	666	99.7	7.91	26
D64434 (382441)		<0.5	7.84	<1	197	0.6	<1	4.96	0.5	3	59.8	144	189	11.1	30
D64435 (382442)		<0.5	7.57	<1	118	0.5	<1	6.50	<0.5	6	36.9	146	91.1	7.76	26
D64436 (382443)		<0.5	7.97	<1	162	0.5	<1	6.67	<0.5	4	43.4	124	101	7.97	27
D64437 (382444)		<0.5	7.27	<1	231	0.6	<1	6.97	<0.5	79	42.6	206	88.2	7.80	25
D64438 (382445)		<0.5	7.21	<1	240	0.7	<1	7.09	<0.5	88	43.5	201	81.5	7.85	27
D64439 (382446)		<0.5	7.08	<1	193	0.7	<1	6.89	<0.5	195	38.4	246	96.2	7.19	25
D64440 (382447)		<0.5	7.85	<1	210	0.6	<1	3.92	<0.5	7	71.2	187	157	13.0	36
D64441 (382448)		<0.5	7.68	<1	350	0.5	<1	4.41	<0.5	11	63.7	156	118	10.9	32
D64442 (382449)		0.8	3.56	<1	643	1.7	<1	7.28	<0.5	93	57.6	495	101	10.5	35
D64443 (382450)		<0.5	7.74	<1	227	0.5	<1	3.00	<0.5	4	77.7	265	189	13.4	39
D64444 (382451)		<0.5	7.87	<1	222	0.6	<1	3.84	<0.5	11	55.4	255	178	11.8	34
D64445 (382452)		<0.5	7.99	<1	104	0.6	<1	5.43	<0.5	17	33.9	161	85.4	8.57	26
D64446 (382453)		<0.5	7.05	<1	135	<0.5	<1	6.69	<0.5	4	39.3	175	147	7.86	25
D64447 (382454)		<0.5	7.44	<1	138	<0.5	<1	5.95	<0.5	4	36.8	99.4	75.0	8.24	25
D64448 (382455)		<0.5	7.71	<1	112	0.6	<1	6.49	0.6	3	41.7	93.8	116	8.74	26
D64449 (382456)		<0.5	7.15	<1	163	0.9	<1	6.50	<0.5	9	36.8	134	80.5	7.83	24
D64450 (382457)		<0.5	8.04	<1	115	0.8	<1	6.41	0.5	6	39.3	122	130	8.20	27
D64451 (382458)		0.6	7.58	<1	278	0.6	<1	2.74	0.7	16	42.4	331	269	12.2	33
D64452 (382459)		<0.5	0.09	3	17	<0.5	<1	30.7	<0.5	1	1.3	10.4	3.0	0.19	<5
D64453 (382460)		<0.5	7.31	<1	364	1.3	<1	5.47	<0.5	20	31.7	198	85.9	6.11	21
D64454 (382461)		<0.5	7.89	<1	241	1.0	<1	5.04	<0.5	11	31.9	122	66.5	6.78	24
D64455 (382462)		<0.5	7.50	<1	106	1.1	<1	6.31	<0.5	24	36.8	223	60.0	7.14	23
D64456 (382463)		0.6	8.05	<1	256	<0.5	<1	2.10	2.2	18	50.9	423	423	15.0	41
D64457 (382464)		<0.5	8.28	<1	124	0.9	<1	5.15	1.6	12	37.5	193	182	9.23	28
D64458 (382465)		<0.5	8.37	<1	113	0.9	<1	5.14	1.5	13	38.1	192	177	9.14	29
D64459 (382466)		<0.5	6.81	<1	34	0.8	<1	5.74	1.6	40	38.9	333	310	9.99	29
D64460 (382467)		<0.5	7.94	<1	177	0.9	<1	5.23	1.0	24	41.7	317	153	10.3	31
D64461 (382468)		<0.5	7.56	<1	228	0.7	<1	5.48	<0.5	3	43.4	134	320	11.4	31
D64462 (382469)		<0.5	7.62	<1	268	0.6	<1	5.63	<0.5	3	46.2	107	355	10.0	30
D64463 (382470)		<0.5	7.47	<1	78	0.9	<1	6.24	<0.5	3	37.7	101	122	8.72	27
D64464 (382471)		<0.5	4.46	<1	146	8.2	<1	1.75	<0.5	<1	8.4	211	16.4	8.44	31

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T497933

PROJECT: AGAT00712

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 25, 2019	DATE RECEIVED: Jul 26, 2019							DATE REPORTED: Aug 14, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D64465 (382472)	<0.5	6.49	<1	239	0.9	<1	2.31	<0.5	4	7.5	127	65.0	4.29	21	
D64466 (382473)	<0.5	7.16	<1	136	<0.5	<1	6.64	<0.5	4	39.9	182	148	7.77	25	
D64467 (382474)	2.1	5.77	<1	180	0.9	<1	1.83	<0.5	6	3.2	150	12.5	3.75	19	
D64468 (382475)	1.3	4.93	<1	266	1.0	<1	1.93	<0.5	12	6.0	177	18.0	2.03	11	
D64469 (382476)	<0.5	5.16	<1	385	1.5	<1	7.50	<0.5	54	45.2	324	149	8.27	27	
D64470 (382477)	<0.5	7.76	<1	186	0.7	<1	6.63	<0.5	4	37.9	107	88.7	8.54	27	
D64471 (382478)	<0.5	7.67	<1	159	1.0	<1	6.24	<0.5	17	32.0	215	64.2	6.71	22	
D64472 (382479)	<0.5	0.10	<1	17	<0.5	<1	32.2	<0.5	<1	0.7	11.5	<0.5	0.14	<5	
D64473 (382480)	<0.5	7.72	<1	113	0.8	<1	6.84	<0.5	6	40.2	96.8	94.7	7.93	25	
D64474 (382481)	<0.5	5.98	77	426	<0.5	<1	7.53	<0.5	44	51.2	366	96.4	8.81	21	
D64475 (382482)	<0.5	7.95	81	106	<0.5	<1	5.91	<0.5	13	33.3	81.4	86.8	7.43	22	
D64476 (382483)	<0.5	7.75	3	354	1.6	<1	2.58	<0.5	36	10.5	84.1	39.7	2.37	20	
D64477 (382484)	<0.5	8.44	<1	120	0.9	<1	6.05	<0.5	23	30.3	149	53.2	6.09	21	
D64478 (382485)	<0.5	7.82	<1	112	0.9	<1	5.71	<0.5	24	28.7	182	44.3	5.69	19	
D64479 (382486)	<0.5	7.98	1	100	<0.5	<1	5.55	<0.5	22	31.3	201	52.7	5.91	19	
D64480 (382487)	<0.5	8.34	2	32	<0.5	<1	6.25	<0.5	20	32.1	231	49.6	6.65	20	
D64481 (382488)	<0.5	8.01	17	73	<0.5	<1	5.26	<0.5	15	40.0	222	119	8.47	20	
D64482 (382489)	<0.5	8.32	5	121	<0.5	<1	3.82	<0.5	21	45.3	322	200	8.97	21	
D64483 (382490)	<0.5	7.90	<1	110	0.8	<1	4.30	0.8	19	36.9	336	119	8.45	26	
D64484 (382491)	<0.5	7.96	<1	209	0.9	<1	5.48	<0.5	24	29.8	207	73.5	6.00	22	
D64485 (382492)	<0.5	7.16	<1	118	1.7	<1	5.14	2.5	5	42.2	169	229	11.6	31	
D64486 (382493)	<0.5	7.22	<1	178	0.6	<1	6.26	<0.5	15	37.8	183	101	7.50	25	
D64487 (382494)	<0.5	7.57	<1	82	1.5	<1	5.90	0.7	5	42.0	107	152	8.94	27	
D64488 (382495)	<0.5	6.18	<1	399	1.4	<1	2.95	1.4	50	19.1	241	99.4	5.85	19	
D64489 (382496)	<0.5	5.99	<1	479	<0.5	<1	0.86	1.9	50	32.8	241	194	8.16	22	
D64490 (382497)	<0.5	6.35	<1	390	0.5	<1	1.58	0.8	50	9.3	181	42.3	5.37	19	
D64491 (382498)	<0.5	6.77	<1	301	0.7	<1	1.97	1.4	44	17.6	211	116	7.38	24	
D64492 (382499)	<0.5	0.14	<1	26	<0.5	<1	30.9	<0.5	1	1.4	25.5	0.6	0.22	<5	
D64493 (382500)	<0.5	7.20	<1	230	0.9	<1	2.14	0.6	33	18.4	222	59.5	6.13	22	
D64494 (382501)	<0.5	6.58	<1	190	0.7	<1	1.84	0.6	43	22.6	230	78.2	7.99	24	
D64495 (382502)	<0.5	6.73	<1	210	<0.5	<1	1.70	<0.5	37	33.1	277	168	10.3	29	
D64496 (382503)	<0.5	7.06	<1	164	1.0	<1	2.19	0.6	38	43.4	250	159	7.84	25	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T497933

PROJECT: AGAT00712

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 25, 2019	DATE RECEIVED: Jul 26, 2019							DATE REPORTED: Aug 14, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D64497 (382504)	<0.5	7.15	<1	141	1.3	<1	2.51	<0.5	38	40.3	257	115	6.73	23	
D64498 (382505)	<0.5	7.13	<1	137	1.2	<1	2.40	<0.5	36	48.4	214	145	7.26	25	
D64499 (382506)	<0.5	7.14	<1	121	0.7	<1	2.28	<0.5	33	34.1	250	122	8.65	28	
D64500 (382507)	<0.5	6.80	<1	169	1.0	<1	2.00	<0.5	39	15.3	176	81.0	6.14	22	
D64501 (382508)	<0.5	6.88	<1	206	0.8	<1	2.01	<0.5	37	15.7	269	52.3	7.23	22	
D64502 (382509)	<0.5	7.99	<1	90	0.8	<1	2.15	<0.5	34	20.1	215	133	9.00	27	
D64503 (382510)	<0.5	2.23	<1	637	1.8	<1	7.32	<0.5	119	62.4	822	97.6	9.18	25	
D64504 (382511)	<0.5	2.19	<1	676	2.4	<1	7.97	<0.5	118	63.0	785	113	9.27	28	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T497933

PROJECT: AGAT00712

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 25, 2019

DATE RECEIVED: Jul 26, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D64433 (382440)		<1	1.84	56	14	8.56	1290	4.8	1.07	388	2170	<20	<50	0.16	2
D64434 (382441)		<1	1.61	3	20	3.74	2160	12.4	1.58	66.4	288	<20	<50	0.69	3
D64435 (382442)		<1	0.57	4	9	3.45	1660	7.9	1.49	51.2	294	<20	<50	0.23	2
D64436 (382443)		<1	0.68	3	11	3.50	1880	8.2	1.54	54.0	328	<20	<50	0.21	<1
D64437 (382444)		<1	0.76	41	12	4.92	1720	5.2	1.34	134	1160	<20	<50	0.19	2
D64438 (382445)		<1	0.78	45	13	5.09	1710	5.6	1.36	145	1290	<20	<50	0.19	2
D64439 (382446)		<1	0.51	94	12	4.85	1440	5.3	1.41	153	2200	<20	<50	0.30	2
D64440 (382447)		<1	0.57	5	13	3.75	2190	13.7	1.46	58.8	322	<20	<50	0.43	3
D64441 (382448)		<1	0.86	9	20	3.50	2000	8.2	2.14	51.6	398	<20	<50	0.31	1
D64442 (382449)		<1	2.01	48	19	8.77	1610	6.2	0.59	324	2210	<20	<50	0.24	2
D64443 (382450)		<1	0.49	4	13	3.20	2120	16.3	1.18	46.1	344	<20	<50	0.50	3
D64444 (382451)		<1	0.38	7	16	3.51	2040	17.5	1.47	76.5	441	<20	<50	0.42	4
D64445 (382452)		<1	0.26	9	18	3.76	2000	6.6	2.24	80.0	474	<20	<50	0.23	<1
D64446 (382453)		<1	0.20	3	13	4.15	1340	1.4	2.26	84.4	403	<20	<50	0.14	2
D64447 (382454)		<1	0.60	4	14	3.50	2050	6.6	1.67	46.8	329	<20	<50	0.56	<1
D64448 (382455)		<1	0.46	3	16	3.68	1830	5.2	1.58	46.7	293	<20	<50	0.42	2
D64449 (382456)		<1	0.62	6	22	3.91	1710	6.7	1.71	75.6	464	<20	<50	0.26	2
D64450 (382457)		<1	0.59	4	15	3.56	1830	6.1	1.43	56.6	372	<20	<50	0.45	1
D64451 (382458)		<1	1.95	10	24	4.11	2180	15.7	1.41	128	630	<20	<50	0.85	4
D64452 (382459)		<1	0.03	2	<1	2.98	125	0.6	0.04	4.6	113	<20	<50	0.05	1
D64453 (382460)		<1	0.90	10	17	3.30	1400	5.4	2.07	89.6	631	<20	<50	0.22	2
D64454 (382461)		<1	1.00	6	13	2.73	1460	8.9	1.95	42.8	310	<20	<50	0.23	<1
D64455 (382462)		<1	0.50	12	13	3.95	1480	5.1	1.51	59.3	791	<20	<50	0.18	2
D64456 (382463)		<1	2.45	11	35	4.19	1940	24.2	0.55	83.8	560	<20	<50	1.38	4
D64457 (382464)		<1	0.84	7	21	3.81	1790	7.4	1.82	71.3	477	<20	<50	0.58	2
D64458 (382465)		<1	0.79	7	20	3.78	1780	10.4	1.84	71.7	509	<20	<50	0.56	2
D64459 (382466)		<1	0.44	20	16	4.48	1850	8.5	1.39	76.1	1280	<20	<50	0.69	4
D64460 (382467)		<1	0.89	13	24	4.44	2240	9.9	1.33	64.9	841	<20	<50	0.41	3
D64461 (382468)		<1	0.87	3	26	4.79	3070	9.9	1.23	51.5	281	<20	<50	0.55	2
D64462 (382469)		<1	1.21	3	26	4.43	1890	5.7	1.43	49.8	317	<20	<50	0.74	1
D64463 (382470)		<1	0.69	3	12	3.57	1600	7.0	1.54	47.7	281	<20	<50	0.41	1
D64464 (382471)		<1	0.32	2	8	0.38	412	14.4	2.29	11.1	60	<20	<50	0.03	2

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T497933

PROJECT: AGAT00712

5623 McADAM ROAD  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 25, 2019

DATE RECEIVED: Jul 26, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D64465 (382472)		<1	0.58	4	6	0.27	222	14.4	2.81	13.7	45	<20	<50	0.27	1
D64466 (382473)		<1	0.21	3	13	4.21	1320	1.5	2.24	83.9	410	<20	<50	0.14	3
D64467 (382474)		<1	0.37	4	5	0.07	165	14.7	2.69	5.9	24	<20	<50	0.05	2
D64468 (382475)		<1	0.61	7	10	0.69	194	16.7	2.18	28.5	201	<20	<50	0.07	1
D64469 (382476)		<1	1.32	27	20	5.79	1660	8.4	1.01	192	1130	<20	<50	0.58	<1
D64470 (382477)		<1	0.93	4	13	3.85	1770	7.9	1.44	52.7	319	<20	<50	0.40	<1
D64471 (382478)		<1	0.82	10	12	3.36	1470	8.3	1.64	62.8	514	<20	<50	0.36	2
D64472 (382479)		<1	0.01	2	1	2.36	123	0.5	0.05	1.3	74	<20	<50	0.02	1
D64473 (382480)		<1	0.60	4	12	3.91	1720	6.0	1.51	52.0	325	<20	<50	0.34	<1
D64474 (382481)		<1	1.02	24	22	7.25	1770	2.0	1.24	604	1150	<20	<50	0.21	<1
D64475 (382482)		<1	0.56	8	11	3.02	1510	5.9	2.22	40.9	343	<20	<50	0.24	<1
D64476 (382483)		<1	1.13	19	19	0.97	527	16.3	2.92	29.8	365	<20	<50	0.11	<1
D64477 (382484)		<1	0.46	13	16	3.25	1620	15.2	2.06	96.7	548	<20	<50	0.13	<1
D64478 (382485)		<1	0.42	12	15	3.09	1510	8.1	1.94	104	566	<20	<50	0.11	<1
D64479 (382486)		<1	0.51	12	21	3.48	1470	13.2	1.83	138	594	<20	<50	0.15	<1
D64480 (382487)		<1	0.24	10	21	3.40	1650	5.6	1.42	150	550	<20	<50	0.18	<1
D64481 (382488)		<1	0.53	9	24	3.70	1940	9.2	1.11	119	492	<20	<50	0.22	<1
D64482 (382489)		<1	0.96	12	26	3.83	1680	11.3	1.22	159	561	<20	<50	0.40	<1
D64483 (382490)		<1	0.91	10	21	3.77	1670	15.0	0.99	131	539	<20	<50	0.21	3
D64484 (382491)		<1	1.21	12	22	3.47	1100	8.4	1.13	125	648	<20	<50	0.16	3
D64485 (382492)		<1	1.05	4	20	3.75	3160	13.2	0.83	61.9	312	<20	<50	0.89	4
D64486 (382493)		<1	0.44	9	10	4.15	1250	1.8	2.26	104	847	<20	<50	0.09	<1
D64487 (382494)		<1	0.77	3	19	3.64	1940	12.4	1.18	47.8	373	<20	<50	0.46	<1
D64488 (382495)		<1	1.35	24	16	2.32	1270	11.3	1.35	76.4	577	<20	<50	0.35	1
D64489 (382496)		<1	1.48	25	19	1.14	1740	21.4	0.85	10.0	240	<20	<50	0.61	3
D64490 (382497)		<1	1.34	24	24	1.10	1200	12.7	1.09	7.4	238	<20	<50	0.13	1
D64491 (382498)		<1	1.15	21	20	1.00	1740	18.8	1.22	10.4	616	<20	<50	0.55	3
D64492 (382499)		<1	0.03	2	1	1.87	119	1.0	0.07	5.1	98	<20	<50	0.07	<1
D64493 (382500)		<1	1.40	15	25	1.05	1080	14.5	1.51	13.8	743	<20	<50	0.27	2
D64494 (382501)		<1	0.99	20	19	0.85	1370	20.1	1.29	11.5	713	<20	<50	0.54	<1
D64495 (382502)		<1	1.10	18	21	1.03	2030	18.2	1.10	11.2	903	<20	<50	1.08	3
D64496 (382503)		<1	1.03	18	21	0.86	1210	21.2	1.42	10.0	815	<20	<50	0.84	2

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T497933

PROJECT: AGAT00712

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 25, 2019

DATE RECEIVED: Jul 26, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Rb ppm	S %	Sb ppm
		1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D64497 (382504)		<1	0.83	18	17	0.80	1040	17.1	1.57	14.1	814	<20	<50	0.52	2
D64498 (382505)		<1	0.81	16	19	0.82	1090	19.3	1.53	11.5	792	<20	<50	0.67	1
D64499 (382506)		<1	0.85	16	13	1.10	1170	15.6	1.31	16.5	783	<20	<50	0.41	<1
D64500 (382507)		<1	1.41	18	11	0.87	1010	16.0	2.76	13.9	412	<20	<50	0.18	1
D64501 (382508)		<1	0.84	18	17	1.12	871	15.7	1.39	13.2	696	<20	<50	0.17	2
D64502 (382509)		<1	0.55	17	22	1.49	1110	18.5	1.93	14.7	908	<20	<50	0.17	2
D64503 (382510)		<1	1.57	62	17	11.1	1480	2.7	0.56	553	2790	<20	<50	0.21	2
D64504 (382511)		<1	1.69	60	17	10.4	1450	2.4	0.51	523	2870	<20	<50	0.31	2

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T497933

PROJECT: AGAT00712

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 25, 2019

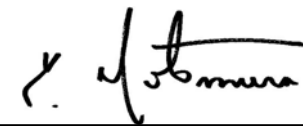
DATE RECEIVED: Jul 26, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D64433 (382440)	21	<10	<5	738	<10	<10	<5	1.81	<5	<50	264	<1	22	74.1
D64434 (382441)	43	<10	<5	85	<10	<10	<5	0.58	<5	<50	265	<1	22	217
D64435 (382442)	38	<10	<5	134	<10	<10	<5	0.50	<5	<50	231	<1	20	141
D64436 (382443)	44	<10	<5	154	<10	<10	<5	0.53	<5	<50	261	<1	24	152
D64437 (382444)	36	<10	<5	273	<10	<10	<5	0.74	<5	<50	244	<1	24	137
D64438 (382445)	35	<10	<5	287	<10	<10	<5	0.79	<5	<50	240	<1	24	139
D64439 (382446)	27	<10	<5	372	<10	<10	<5	0.55	<5	<50	196	<1	24	115
D64440 (382447)	41	<10	<5	105	<10	<10	<5	0.57	<5	<50	251	<1	24	139
D64441 (382448)	38	<10	<5	133	<10	<10	<5	0.56	<5	<50	223	<1	22	119
D64442 (382449)	27	<10	<5	673	<10	<10	<5	2.21	<5	<50	283	<1	21	102
D64443 (382450)	40	<10	<5	97	<10	<10	<5	0.54	<5	<50	250	<1	26	123
D64444 (382451)	35	<10	<5	133	<10	<10	<5	0.52	<5	<50	224	<1	23	131
D64445 (382452)	34	<10	<5	148	<10	<10	<5	0.50	<5	<50	213	<1	20	125
D64446 (382453)	45	<10	<5	108	<10	<10	<5	0.69	<5	<50	305	<1	22	73.8
D64447 (382454)	40	<10	<5	132	<10	<10	<5	0.53	<5	<50	244	<1	23	146
D64448 (382455)	42	<10	<5	137	<10	<10	<5	0.55	<5	<50	257	<1	23	193
D64449 (382456)	39	<10	<5	161	<10	<10	<5	0.52	<5	<50	222	<1	22	151
D64450 (382457)	39	<10	<5	157	<10	<10	<5	0.51	<5	<50	235	<1	22	162
D64451 (382458)	28	<10	<5	140	<10	<10	<5	0.59	<5	<50	198	<1	21	351
D64452 (382459)	<1	<10	<5	70	<10	<10	<5	0.02	<5	<50	3.1	<1	2	3.4
D64453 (382460)	30	<10	<5	211	<10	<10	<5	0.46	<5	<50	180	<1	19	153
D64454 (382461)	33	<10	<5	172	<10	<10	<5	0.43	<5	<50	199	<1	18	143
D64455 (382462)	36	<10	<5	273	<10	<10	<5	0.49	<5	<50	220	<1	20	183
D64456 (382463)	30	<10	<5	88	<10	<10	<5	0.50	<5	<50	202	<1	24	779
D64457 (382464)	38	<10	<5	179	<10	<10	<5	0.53	<5	<50	235	<1	21	527
D64458 (382465)	39	<10	<5	179	<10	<10	<5	0.52	<5	<50	235	<1	21	521
D64459 (382466)	31	<10	<5	126	<10	<10	<5	0.48	<5	<50	192	<1	19	377
D64460 (382467)	37	<10	<5	155	<10	<10	<5	0.54	<5	<50	239	<1	22	284
D64461 (382468)	44	<10	<5	88	<10	<10	<5	0.55	<5	<50	264	<1	28	230
D64462 (382469)	42	<10	<5	134	<10	<10	<5	0.54	<5	<50	257	<1	23	198
D64463 (382470)	39	<10	<5	135	<10	<10	<5	0.47	<5	<50	233	<1	21	143
D64464 (382471)	8	<10	<5	210	<10	<10	<5	0.20	<5	<50	84.5	<1	6	148

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T497933

PROJECT: AGAT00712

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 25, 2019

DATE RECEIVED: Jul 26, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D64465 (382472)	2	<10	<5	312	<10	<10	<5	0.12	<5	<50	37.7	<1	1	66.5
D64466 (382473)	44	<10	<5	107	<10	<10	<5	0.68	<5	<50	297	<1	22	76.3
D64467 (382474)	<1	<10	<5	297	<10	<10	<5	0.08	<5	<50	24.8	<1	2	67.3
D64468 (382475)	3	<10	<5	287	<10	<10	<5	0.20	<5	<50	30.9	<1	3	41.9
D64469 (382476)	31	<10	<5	383	<10	<10	<5	1.21	<5	<50	245	<1	22	129
D64470 (382477)	40	<10	<5	176	<10	<10	<5	0.53	<5	<50	242	<1	21	146
D64471 (382478)	29	<10	<5	177	<10	<10	<5	0.41	<5	<50	175	<1	18	124
D64472 (382479)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.9	<1	2	4.8
D64473 (382480)	41	<10	<5	183	<10	<10	<5	0.52	<5	<50	246	<1	22	117
D64474 (382481)	33	<10	<5	472	<10	<10	<5	1.15	<5	<50	262	<1	21	108
D64475 (382482)	35	<10	<5	141	<10	<10	<5	0.45	<5	<50	216	<1	20	112
D64476 (382483)	6	<10	<5	190	<10	<10	<5	0.19	<5	<50	49.2	<1	9	69.5
D64477 (382484)	25	<10	<5	206	<10	<10	<5	0.41	<5	<50	163	<1	18	149
D64478 (382485)	24	<10	<5	196	<10	<10	<5	0.38	<5	<50	155	<1	17	141
D64479 (382486)	24	<10	<5	153	<10	<10	<5	0.40	<5	<50	153	<1	17	202
D64480 (382487)	24	<10	<5	136	<10	<10	<5	0.40	<5	<50	152	<1	17	146
D64481 (382488)	30	<10	<5	103	<10	<10	<5	0.43	<5	<50	183	<1	22	250
D64482 (382489)	24	<10	<5	111	<10	<10	<5	0.39	<5	<50	149	<1	18	328
D64483 (382490)	25	<10	<5	102	<10	<10	<5	0.41	<5	<50	150	<1	18	253
D64484 (382491)	24	<10	<5	159	<10	<10	<5	0.50	<5	<50	157	<1	18	96.8
D64485 (382492)	37	<10	<5	60	<10	<10	<5	0.45	<5	<50	216	<1	23	538
D64486 (382493)	34	<10	<5	236	<10	<10	<5	0.86	<5	<50	237	<1	22	83.6
D64487 (382494)	39	<10	<5	84	<10	<10	<5	0.52	<5	<50	238	<1	24	215
D64488 (382495)	13	<10	<5	158	<10	<10	<5	0.43	<5	<50	72.5	<1	27	419
D64489 (382496)	11	<10	<5	42	<10	<10	<5	0.24	<5	<50	31.0	<1	36	420
D64490 (382497)	10	<10	<5	56	<10	<10	<5	0.23	<5	<50	24.6	<1	31	218
D64491 (382498)	14	<10	<5	56	<10	<10	<5	0.38	<5	<50	48.3	<1	35	305
D64492 (382499)	<1	<10	<5	71	<10	<10	<5	0.02	<5	<50	3.1	<1	2	3.6
D64493 (382500)	13	<10	<5	97	<10	<10	<5	0.42	<5	<50	53.4	<1	27	180
D64494 (382501)	17	<10	<5	71	<10	<10	<5	0.48	<5	<50	60.9	<1	39	177
D64495 (382502)	20	<10	<5	63	<10	<10	<5	0.61	<5	<50	79.9	<1	38	158
D64496 (382503)	15	<10	<5	85	<10	<10	<5	0.50	<5	<50	52.0	<1	32	167

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T497933

PROJECT: AGAT00712

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 25, 2019

DATE RECEIVED: Jul 26, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
D64497 (382504)	13	<10	<5	111	<10	<10	<5	0.37	<5	<50	39.6	<1	28	130
D64498 (382505)	14	<10	<5	105	<10	<10	<5	0.38	<5	<50	34.5	<1	30	137
D64499 (382506)	19	<10	<5	118	<10	<10	<5	0.50	<5	<50	75.6	<1	33	111
D64500 (382507)	13	<10	<5	124	<10	<10	<5	0.39	<5	<50	51.6	<1	19	99.3
D64501 (382508)	15	<10	<5	127	<10	<10	<5	0.42	<5	<50	46.5	<1	33	78.3
D64502 (382509)	21	<10	<5	183	<10	<10	<5	0.60	<5	<50	58.4	<1	32	73.5
D64503 (382510)	21	<10	<5	707	<10	<10	<5	2.11	<5	<50	249	<1	22	86.9
D64504 (382511)	21	<10	<5	743	<10	<10	<5	2.08	<5	<50	269	<1	23	89.4

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T497933

PROJECT: AGAT00712

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 25, 2019

DATE RECEIVED: Jul 26, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D64433 (382440)	193
D64434 (382441)	33
D64435 (382442)	29
D64436 (382443)	22
D64437 (382444)	48
D64438 (382445)	56
D64439 (382446)	34
D64440 (382447)	44
D64441 (382448)	47
D64442 (382449)	246
D64443 (382450)	36
D64444 (382451)	34
D64445 (382452)	33
D64446 (382453)	53
D64447 (382454)	17
D64448 (382455)	19
D64449 (382456)	30
D64450 (382457)	22
D64451 (382458)	85
D64452 (382459)	<5
D64453 (382460)	79
D64454 (382461)	37
D64455 (382462)	54
D64456 (382463)	68
D64457 (382464)	47
D64458 (382465)	57
D64459 (382466)	60
D64460 (382467)	64
D64461 (382468)	24
D64462 (382469)	24
D64463 (382470)	36
D64464 (382471)	73

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T497933

PROJECT: AGAT00712

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 25, 2019

DATE RECEIVED: Jul 26, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D64465 (382472)	45
D64466 (382473)	52
D64467 (382474)	332
D64468 (382475)	218
D64469 (382476)	137
D64470 (382477)	28
D64471 (382478)	44
D64472 (382479)	<5
D64473 (382480)	29
D64474 (382481)	113
D64475 (382482)	38
D64476 (382483)	72
D64477 (382484)	84
D64478 (382485)	80
D64479 (382486)	66
D64480 (382487)	58
D64481 (382488)	51
D64482 (382489)	84
D64483 (382490)	66
D64484 (382491)	83
D64485 (382492)	45
D64486 (382493)	90
D64487 (382494)	40
D64488 (382495)	125
D64489 (382496)	79
D64490 (382497)	95
D64491 (382498)	92
D64492 (382499)	<5
D64493 (382500)	74
D64494 (382501)	81
D64495 (382502)	56
D64496 (382503)	78

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# Certificate of Analysis

AGAT WORK ORDER: 19T497933

PROJECT: AGAT00712

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 25, 2019

DATE RECEIVED: Jul 26, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

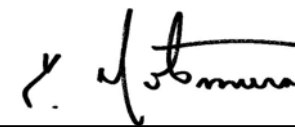
Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D64497 (382504)	104
D64498 (382505)	99
D64499 (382506)	104
D64500 (382507)	97
D64501 (382508)	87
D64502 (382509)	116
D64503 (382510)	200
D64504 (382511)	162

Comments: RDL - Reported Detection Limit

382440-382511 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T497933

PROJECT: AGAT00712

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 25, 2019

DATE RECEIVED: Jul 26, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D64433 (382440)			0.002
D64434 (382441)			0.026
D64435 (382442)			0.011
D64436 (382443)			0.008
D64437 (382444)			0.005
D64438 (382445)			0.007
D64439 (382446)			0.009
D64440 (382447)			0.021
D64441 (382448)			0.014
D64442 (382449)			0.004
D64443 (382450)			0.042
D64444 (382451)			0.021
D64445 (382452)			0.005
D64446 (382453)			0.521
D64447 (382454)			0.005
D64448 (382455)			0.006
D64449 (382456)			0.003
D64450 (382457)			0.014
D64451 (382458)			0.018
D64452 (382459)			<0.001
D64453 (382460)			0.003
D64454 (382461)			0.003
D64455 (382462)			0.002
D64456 (382463)			0.032
D64457 (382464)			0.010
D64458 (382465)			0.013
D64459 (382466)			0.053
D64460 (382467)			0.009
D64461 (382468)			0.010
D64462 (382469)			0.008
D64463 (382470)			0.004
D64464 (382471)			0.001

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T497933

PROJECT: AGAT00712

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 25, 2019

DATE RECEIVED: Jul 26, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D64465 (382472)			0.005
D64466 (382473)			0.535
D64467 (382474)			0.001
D64468 (382475)			0.001
D64469 (382476)			0.004
D64470 (382477)			0.004
D64471 (382478)			0.003
D64472 (382479)			0.002
D64473 (382480)			0.004
D64474 (382481)			0.002
D64475 (382482)			0.003
D64476 (382483)			0.002
D64477 (382484)			0.002
D64478 (382485)			0.001
D64479 (382486)			0.002
D64480 (382487)			0.005
D64481 (382488)			0.015
D64482 (382489)			0.033
D64483 (382490)			0.014
D64484 (382491)			0.013
D64485 (382492)			0.038
D64486 (382493)			0.335
D64487 (382494)			0.005
D64488 (382495)			0.004
D64489 (382496)			0.017
D64490 (382497)			0.012
D64491 (382498)			0.008
D64492 (382499)			<0.001
D64493 (382500)			0.009
D64494 (382501)			0.015
D64495 (382502)			0.012
D64496 (382503)			0.018

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T497933

PROJECT: AGAT00712

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 25, 2019

DATE RECEIVED: Jul 26, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Analyte:	Unit:	RDL:
Au	ppm	0.001
Sample ID (AGAT ID)		
D64497 (382504)		0.013
D64498 (382505)		0.011
D64499 (382506)		0.007
D64500 (382507)		0.010
D64501 (382508)		0.004
D64502 (382509)		0.005
D64503 (382510)		0.001
D64504 (382511)		0.004

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T497933

PROJECT: AGAT00712

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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 25, 2019

DATE RECEIVED: Jul 26, 2019

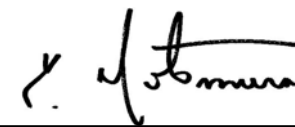
DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D64433 (382440)		85.08
D64451 (382458)		82.42
D64471 (382478)		83.67
D64473 (382480)		83.51
D64491 (382498)		80.29

 Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T497933

PROJECT: AGAT00712

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 25, 2019

DATE RECEIVED: Jul 26, 2019

DATE REPORTED: Aug 14, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D64433 (382440)		86.81
D64469 (382476)		86.50

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	382489	< 0.5	< 0.5	0.0%	382454	< 0.5	< 0.5	0.0%	382465	< 0.5	< 0.5	0.0%	382479	< 0.5	< 0.5	0.0%
Al	382489	8.32	8.13	2.3%	382454	7.44	7.55	1.5%	382465	8.37	8.28	1.1%	382479	0.102	0.106	3.8%
As	382489	5	< 1		382454	< 1	< 1	0.0%	382465	< 1	< 1	0.0%	382479	< 1	< 1	0.0%
Ba	382489	121	119	1.7%	382454	138	141	2.2%	382465	113	107	5.5%	382479	17	18	5.7%
Be	382489	< 0.5	< 0.5	0.0%	382454	< 0.5	< 0.5	0.0%	382465	0.9	0.9	0.0%	382479	< 0.5	< 0.5	0.0%
Bi	382489	< 1	< 1	0.0%	382454	< 1	< 1	0.0%	382465	< 1	< 1	0.0%	382479	< 1	< 1	0.0%
Ca	382489	3.82	3.89	1.8%	382454	5.95	5.99	0.7%	382465	5.14	5.15	0.2%	382479	32.2	31.4	2.5%
Cd	382489	< 0.5	< 0.5	0.0%	382454	< 0.5	< 0.5	0.0%	382465	1.5	1.5	0.0%	382479	< 0.5	< 0.5	0.0%
Ce	382489	21	20	4.9%	382454	4	5	22.2%	382465	13	12	8.0%	382479	< 1	< 1	0.0%
Co	382489	45.3	45.6	0.7%	382454	36.8	37.2	1.1%	382465	38.1	35.8	6.2%	382479	0.7	0.7	0.0%
Cr	382489	322	319	0.9%	382454	99.4	94.7	4.8%	382465	192	181	5.9%	382479	11.5	10.5	9.1%
Cu	382489	200	198	1.0%	382454	75.0	77.4	3.1%	382465	177	165	7.0%	382479	< 0.5	< 0.5	0.0%
Fe	382489	8.97	9.13	1.8%	382454	8.24	8.25	0.1%	382465	9.14	8.88	2.9%	382479	0.14	0.14	0.0%
Ga	382489	21	21	0.0%	382454	25	26	3.9%	382465	29	27	7.1%	382479	< 5	< 5	0.0%
In	382489	< 1	< 1	0.0%	382454	< 1	< 1	0.0%	382465	< 1	< 1	0.0%	382479	< 1	< 1	0.0%
K	382489	0.955	0.936	2.0%	382454	0.600	0.616	2.6%	382465	0.79	0.74	6.5%	382479	0.015	0.017	12.5%
La	382489	12	11	8.7%	382454	4	4	0.0%	382465	7	7	0.0%	382479	2	2	0.0%
Li	382489	26	25	3.9%	382454	14	14	0.0%	382465	20	19	5.1%	382479	1	1	0.0%
Mg	382489	3.83	3.73	2.6%	382454	3.50	3.53	0.9%	382465	3.78	3.72	1.6%	382479	2.36	2.34	0.9%
Mn	382489	1680	1650	1.8%	382454	2050	2050	0.0%	382465	1780	1750	1.7%	382479	123	121	1.6%
Mo	382489	11.3	11.1	1.8%	382454	6.56	6.21	5.5%	382465	10.4	7.7	29.8%	382479	0.5	< 0.5	
Na	382489	1.22	1.23	0.8%	382454	1.67	1.68	0.6%	382465	1.84	1.86	1.1%	382479	0.05	0.05	0.0%
Ni	382489	159	159	0.0%	382454	46.8	46.7	0.2%	382465	71.7	72.4	1.0%	382479	1.31	1.48	12.2%
P	382489	561	554	1.3%	382454	329	325	1.2%	382465	509	465	9.0%	382479	74	72	2.7%
Pb	382489	< 20	< 20	0.0%	382454	< 20	< 20	0.0%	382465	< 20	< 20	0.0%	382479	< 20	< 20	0.0%
Rb	382489	< 50	< 50	0.0%	382454	< 50	< 50	0.0%	382465	< 50	< 50	0.0%	382479	< 50	< 50	0.0%
S	382489	0.401	0.405	1.0%	382454	0.56	0.57	1.8%	382465	0.558	0.500	11.0%	382479	0.023	0.026	12.2%
Sb	382489	< 1	< 1	0.0%	382454	< 1	1		382465	2	2	0.0%	382479	1	< 1	
Sc	382489	24	24	0.0%	382454	40	40	0.0%	382465	39	37	5.3%	382479	< 1	< 1	0.0%
Se	382489	< 10	< 10	0.0%	382454	< 10	< 10	0.0%	382465	< 10	< 10	0.0%	382479	< 10	< 10	0.0%
Sn	382489	< 5	< 5	0.0%	382454	< 5	< 5	0.0%	382465	< 5	< 5	0.0%	382479	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	382489	111	113	1.8%	382454	132	134	1.5%	382465	179	182	1.7%	382479	69	67	2.9%
Ta	382489	< 10	< 10	0.0%	382454	< 10	< 10	0.0%	382465	< 10	< 10	0.0%	382479	< 10	< 10	0.0%
Te	382489	< 10	< 10	0.0%	382454	< 10	< 10	0.0%	382465	< 10	< 10	0.0%	382479	< 10	< 10	0.0%
Th	382489	< 5	< 5	0.0%	382454	< 5	< 5	0.0%	382465	< 5	< 5	0.0%	382479	< 5	< 5	0.0%
Ti	382489	0.39	0.39	0.0%	382454	0.527	0.523	0.8%	382465	0.52	0.51	1.9%	382479	< 0.01	< 0.01	0.0%
Tl	382489	< 5	< 5	0.0%	382454	< 5	< 5	0.0%	382465	< 5	< 5	0.0%	382479	< 5	< 5	0.0%
U	382489	< 50	< 50	0.0%	382454	< 50	< 50	0.0%	382465	< 50	< 50	0.0%	382479	< 50	< 50	0.0%
V	382489	149	146	2.0%	382454	244	245	0.4%	382465	235	226	3.9%	382479	1.9	1.9	0.0%
W	382489	< 1	< 1	0.0%	382454	< 1	< 1	0.0%	382465	< 1	< 1	0.0%	382479	< 1	< 1	0.0%
Y	382489	18	18	0.0%	382454	23	23	0.0%	382465	21	23	9.1%	382479	2	2	0.0%
Zn	382489	328	336	2.4%	382454	146	149	2.0%	382465	521	506	2.9%	382479	4.8	4.6	4.3%
Zr	382489	84	81	3.6%	382454	17	17	0.0%	382465	57	56	1.8%	382479	< 5	< 5	0.0%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	382490	< 0.5	< 0.5	0.0%	382504	< 0.5	< 0.5	0.0%								
Al	382490	7.90	7.64	3.3%	382504	7.15	7.25	1.4%								
As	382490	< 1	< 1	0.0%	382504	< 1	< 1	0.0%								
Ba	382490	110	113	2.7%	382504	141	145	2.8%								
Be	382490	0.8	0.8	0.0%	382504	1.3	1.3	0.0%								
Bi	382490	< 1	< 1	0.0%	382504	< 1	< 1	0.0%								
Ca	382490	4.30	3.96	8.2%	382504	2.51	2.52	0.4%								
Cd	382490	0.81	0.91	11.6%	382504	< 0.5	< 0.5	0.0%								
Ce	382490	19	18	5.4%	382504	38	36	5.4%								
Co	382490	36.9	37.8	2.4%	382504	40.3	39.9	1.0%								
Cr	382490	336	330	1.8%	382504	257	243	5.6%								
Cu	382490	119	129	8.1%	382504	115	117	1.7%								
Fe	382490	8.45	8.18	3.2%	382504	6.73	6.78	0.7%								
Ga	382490	26	24	8.0%	382504	23	23	0.0%								
In	382490	< 1	< 1	0.0%	382504	< 1	< 1	0.0%								
K	382490	0.91	0.94	3.2%	382504	0.829	0.848	2.3%								
La	382490	10	10	0.0%	382504	18	17	5.7%								
Li	382490	21	21	0.0%	382504	17	18	5.7%								
Mg	382490	3.77	3.60	4.6%	382504	0.80	0.81	1.2%								
Mn	382490	1670	1600	4.3%	382504	1040	1050	1.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	382490	15.0	12.4	19.0%	382504	17.1	17.0	0.6%								
Na	382490	0.989	0.960	3.0%	382504	1.57	1.59	1.3%								
Ni	382490	131	127	3.1%	382504	14.1	14.0	0.7%								
P	382490	539	577	6.8%	382504	814	811	0.4%								
Pb	382490	< 20	< 20	0.0%	382504	< 20	< 20	0.0%								
Rb	382490	< 50	< 50	0.0%	382504	< 50	< 50	0.0%								
S	382490	0.212	0.240	12.4%	382504	0.52	0.52	0.0%								
Sb	382490	3	4	28.6%	382504	2	2	0.0%								
Sc	382490	25	23	8.3%	382504	13	13	0.0%								
Se	382490	< 10	< 10	0.0%	382504	< 10	< 10	0.0%								
Sn	382490	< 5	< 5	0.0%	382504	< 5	< 5	0.0%								
Sr	382490	102	99	3.0%	382504	111	112	0.9%								
Ta	382490	< 10	< 10	0.0%	382504	< 10	< 10	0.0%								
Te	382490	< 10	< 10	0.0%	382504	< 10	< 10	0.0%								
Th	382490	< 5	< 5	0.0%	382504	< 5	< 5	0.0%								
Ti	382490	0.411	0.402	2.2%	382504	0.374	0.380	1.6%								
Tl	382490	< 5	< 5	0.0%	382504	< 5	< 5	0.0%								
U	382490	< 50	< 50	0.0%	382504	< 50	< 50	0.0%								
V	382490	150	147	2.0%	382504	39.6	39.7	0.3%								
W	382490	< 1	< 1	0.0%	382504	< 1	< 1	0.0%								
Y	382490	18	17	5.7%	382504	28	27	3.6%								
Zn	382490	253	253	0.0%	382504	130	132	1.5%								
Zr	382490	66	64	3.1%	382504	104	105	1.0%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	382440	0.002	0.002	0.0%	382454	0.005	0.005	0.0%	382465	0.013	0.013	0.0%	382479	0.002	0.002	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	382490	0.0143	0.0189	27.7%	382504	0.013	0.017	26.7%								

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GSP5G)				CRM #3 (ref.WMG-1a)				CRM #4 (ref.1P5R)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag									3.03	3.19	105%	90% - 110%				
Al	10.95	11.22	102%	90% - 110%	8.17	8.18	100%	90% - 110%	4.75	4.92	104%	90% - 110%	6.96	6.71	96%	90% - 110%
As					26	26	98%	90% - 110%					124	126	101%	90% - 110%
Ba	340	349	103%	90% - 110%	540	491	91%	90% - 110%	216	205	95%	90% - 110%	186	173	93%	90% - 110%
Be	2.6	2.6	100%	90% - 110%	4.0	3.2	81%	90% - 110%								
Ca	5.72	5.52	96%	90% - 110%	0.907	0.894	99%	90% - 110%	10	9	93%	90% - 110%	4.01	3.88	97%	90% - 110%
Ce	122	116	95%	90% - 110%	98	93	95%	90% - 110%					24	23	95%	90% - 110%
Co	2.8	2.1	75%	90% - 110%					191	178	93%	90% - 110%	22.1	21	95%	90% - 110%
Cr					60.3	65.6	109%	90% - 110%	670	650	97%	90% - 110%				
Cu	7	6	90%	90% - 110%	150	145	97%	90% - 110%	7120	7173	101%	90% - 110%	88.6	81.3	92%	90% - 110%
Fe	4.34	4.3	99%	90% - 110%	3.77	3.66	97%	90% - 110%	12.71	11.9	94%	90% - 110%	7.56	7.23	96%	90% - 110%
Ga	35	35	101%	90% - 110%												
K	1.37	1.48	108%	90% - 110%					0.1021	0.1119	110%	90% - 110%	2.021	2.077	103%	90% - 110%
La	58	54	94%	90% - 110%	44	43	97%	90% - 110%	8.47	7.75	91%	90% - 110%				
Li	37	40	109%	90% - 110%	47	47	100%	90% - 110%								
Mg	0.325	0.306	94%	90% - 110%	1.10	1.08	98%	90% - 110%	7.41	7.28	98%	90% - 110%	2.412	2.333	97%	90% - 110%
Mn					780	757	97%	90% - 110%					1510	1545	102%	90% - 110%
Mo					14	14	99%	90% - 110%								
Na	5.267	5.704	108%	90% - 110%	1.624	1.631	100%	90% - 110%	0.112	0.121	108%	90% - 110%	0.617	0.607	98%	90% - 110%
Ni					32	32	101%	90% - 110%	2480	2285	92%	90% - 110%	77.1	71	92%	90% - 110%
P					750	745	99%	90% - 110%	731	672	92%	90% - 110%	892	868	97%	90% - 110%
Pb					31	29	93%	90% - 110%								
S													0.348	0.323	93%	90% - 110%
Sc	1.1	0.9	81%	90% - 110%	12	13	106%	90% - 110%	21.33	21.53	101%	90% - 110%				
Sr	1191	1215	102%	90% - 110%	144	144	100%	90% - 110%	39	38	98%	90% - 110%	92.8	85	92%	90% - 110%
Ti	0.172	0.161	94%	90% - 110%	0.53	0.5	94%	90% - 110%	0.419	0.422	101%	90% - 110%				
V	8	8	94%	90% - 110%	77	80	104%	90% - 110%	158	166	105%	90% - 110%				
Y	119	122	103%	90% - 110%					12.67	13.06	103%	90% - 110%				
Zn	93	96	103%	90% - 110%	130	117	90%	90% - 110%	112	103	92%	90% - 110%	208	199	95%	90% - 110%
Zr									35.7	36.6	103%	90% - 110%				

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GSP5G)				CRM #3 (ref.GS6F)				CRM #4 (ref.1P5R)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.27	5.49	104%	90% - 110%	0.562	0.569	101%	90% - 110%	6.87	6.68	97%	90% - 110%	1.81	1.85	102%	90% - 110%



## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00712  
 SAMPLING SITE:

AGAT WORK ORDER: 19T497933  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00713

AGAT WORK ORDER: 19T497956

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Aug 20, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T497956

PROJECT: AGAT00713

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 25, 2019

DATE RECEIVED: Jul 26, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C64207 (383061)		2.28
C64208 (383062)		1.36
C64209 (383063)		1.22
C64210 (383064)		1.25
C64211 (383065)		1.29
C64212 (383066)		0.53
C64213 (383067)		1.45
C64214 (383068)		1.36
C64215 (383069)		1.28
C64216 (383070)		1.49
C64217 (383071)		1.52
C64218 (383072)		1.52
C64219 (383073)		1.70
C64220 (383074)		1.24
C64221 (383075)		1.40
C64222 (383076)		2.97
C64223 (383077)		2.96
C64224 (383078)		1.31
C64225 (383079)		1.02
C64226 (383080)		0.07
C64227 (383081)		0.93
C64228 (383082)		3.09
C64229 (383083)		1.58
C64230 (383084)		1.16
C64231 (383085)		1.02
C64232 (383086)		0.60
C64233 (383087)		2.07
C64234 (383088)		2.27
C64235 (383089)		2.97
C64236 (383090)		2.33
C64237 (383091)		0.96

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T497956

PROJECT: AGAT00713

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 25, 2019

DATE RECEIVED: Jul 26, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C64238 (383092)		0.96
C64239 (383093)		2.17
C64240 (383094)		2.30
C64241 (383095)		2.41
C64242 (383096)		1.86
C64243 (383097)		2.49
C64244 (383098)		0.75
C64245 (383099)		1.88
C64246 (383100)		0.07
C64247 (383101)		2.27
C64248 (383102)		2.84
C64249 (383103)		2.05
C64250 (383104)		0.97
C64251 (383105)		1.22
C64252 (383106)		0.69
C64253 (383107)		2.49
C64254 (383108)		3.14
C64255 (383109)		1.32
C64256 (383110)		2.05
C64257 (383111)		1.92
C64258 (383112)		1.92
C64259 (383113)		2.04
C64260 (383114)		1.40
C64261 (383115)		1.42
C64262 (383116)		3.21
C64263 (383117)		2.35
C64264 (383118)		1.16
C64265 (383119)		1.35
C64266 (383120)		0.07
C64267 (383121)		1.98
C64268 (383122)		1.34

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T497956

PROJECT: AGAT00713

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 25, 2019

DATE RECEIVED: Jul 26, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
C64269 (383123)		1.81
C64270 (383124)		1.22
C64271 (383125)		1.88
C64272 (383126)		0.61
C64273 (383127)		2.38
C64274 (383128)		2.62
C64275 (383129)		2.03
C64276 (383130)		2.24
C64277 (383131)		1.15
C64278 (383132)		1.15

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T497956

PROJECT: AGAT00713

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 25, 2019

DATE RECEIVED: Jul 26, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
C64207 (383061)		0.8	6.89	<1	337	0.9	<1	1.75	<0.5	57	2.0	101	19.8	2.22	18
C64208 (383062)		0.6	7.00	<1	1570	0.6	<1	1.30	<0.5	19	<0.5	138	7.7	1.13	14
C64209 (383063)		2.4	6.51	2	199	1.1	<1	2.21	<0.5	63	1.4	140	9.8	1.94	19
C64210 (383064)		1.7	5.03	<1	194	<0.5	<1	1.29	<0.5	18	6.8	278	52.2	7.90	27
C64211 (383065)		1.2	5.17	2	209	<0.5	<1	1.33	0.6	22	4.0	272	54.5	8.13	28
C64212 (383066)		<0.5	0.15	<1	83	<0.5	<1	29.5	<0.5	<1	0.6	12.9	<0.5	0.14	<5
C64213 (383067)		2.0	4.83	<1	201	0.5	<1	1.32	<0.5	20	2.1	278	40.1	5.87	22
C64214 (383068)		1.9	5.58	<1	281	0.6	<1	1.20	0.8	25	3.5	238	107	13.7	42
C64215 (383069)		1.2	5.78	<1	413	0.7	<1	1.21	<0.5	46	2.3	260	34.3	5.62	24
C64216 (383070)		1.4	4.82	<1	168	<0.5	<1	0.72	<0.5	53	5.7	301	58.8	10.0	33
C64217 (383071)		<0.5	4.80	<1	226	<0.5	<1	0.35	<0.5	91	2.0	331	19.6	4.27	21
C64218 (383072)		<0.5	4.84	<1	222	<0.5	<1	0.35	<0.5	91	1.8	350	19.5	4.35	20
C64219 (383073)		<0.5	4.82	<1	264	<0.5	<1	0.47	<0.5	73	2.2	259	21.0	4.44	20
C64220 (383074)		<0.5	4.59	<1	218	<0.5	<1	0.33	<0.5	53	4.1	325	18.8	4.84	20
C64221 (383075)		<0.5	3.95	<1	262	<0.5	<1	5.19	<0.5	62	2.5	165	19.3	4.63	18
C64222 (383076)		1.2	5.42	1	250	0.9	<1	1.13	1.0	62	7.8	263	43.0	9.26	32
C64223 (383077)		1.2	6.13	<1	365	1.2	<1	1.37	<0.5	62	1.4	261	16.4	4.21	23
C64224 (383078)		0.6	5.18	<1	343	0.9	<1	0.67	<0.5	64	1.1	300	13.5	3.56	18
C64225 (383079)		1.0	5.07	<1	304	1.1	<1	0.89	<0.5	40	4.9	265	40.9	9.62	34
C64226 (383080)		4.5	3.69	15	202	0.7	<1	9.89	<0.5	16	6.8	18.0	73.2	1.93	10
C64227 (383081)		0.6	5.56	<1	263	1.3	<1	1.03	<0.5	67	1.9	308	15.9	5.31	24
C64228 (383082)		0.6	5.59	1	164	0.8	<1	1.04	<0.5	52	2.2	279	16.7	4.47	22
C64229 (383083)		<0.5	5.87	<1	294	0.8	<1	0.80	<0.5	66	1.2	303	13.5	4.43	22
C64230 (383084)		<0.5	4.26	<1	152	<0.5	<1	0.27	<0.5	51	6.9	327	20.0	6.97	24
C64231 (383085)		0.9	5.06	<1	157	<0.5	<1	0.44	<0.5	80	4.4	306	22.2	6.58	26
C64232 (383086)		<0.5	0.06	<1	16	<0.5	<1	32.1	<0.5	1	<0.5	6.7	<0.5	0.09	<5
C64233 (383087)		1.7	4.33	<1	427	1.1	<1	0.53	<0.5	33	1.5	310	9.4	2.88	18
C64234 (383088)		1.2	5.36	<1	440	0.7	<1	0.93	<0.5	66	1.7	302	21.8	4.99	23
C64235 (383089)		1.1	5.81	<1	355	1.2	<1	2.15	0.7	56	1.9	268	17.7	3.59	21
C64236 (383090)		1.8	6.09	2	364	1.2	<1	2.06	<0.5	51	4.1	323	23.5	3.89	22
C64237 (383091)		0.7	3.42	<1	619	1.7	<1	7.10	<0.5	105	58.9	743	104	8.84	33
C64238 (383092)		<0.5	3.44	<1	622	1.7	<1	7.22	<0.5	106	60.3	739	107	8.89	35

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T497956

PROJECT: AGAT00713

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 25, 2019	DATE RECEIVED: Jul 26, 2019							DATE REPORTED: Aug 20, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C64239 (383093)	0.5	5.40	<1	363	1.0	<1	0.79	1.8	60	10.4	238	49.1	7.24	29	
C64240 (383094)	<0.5	6.25	<1	397	1.5	<1	0.75	0.6	48	10.5	206	40.3	5.99	27	
C64241 (383095)	<0.5	5.95	<1	442	1.0	<1	0.82	<0.5	58	7.0	255	19.9	4.02	22	
C64242 (383096)	<0.5	5.87	<1	469	1.1	<1	0.77	<0.5	71	16.2	305	41.1	5.81	23	
C64243 (383097)	0.8	6.74	<1	460	2.0	<1	1.53	0.5	46	5.0	185	74.2	7.77	31	
C64244 (383098)	1.2	7.04	<1	320	35.3	<1	1.56	<0.5	62	8.0	218	33.5	4.95	28	
C64245 (383099)	0.6	6.62	<1	413	1.6	<1	2.60	<0.5	48	11.9	246	60.5	7.13	30	
C64246 (383100)	<0.5	7.27	5	81	<0.5	<1	6.91	0.5	4	38.8	186	154	7.26	31	
C64247 (383101)	0.6	5.68	<1	418	1.1	<1	1.54	<0.5	54	17.7	295	103	9.60	34	
C64248 (383102)	0.7	6.64	<1	391	0.9	<1	2.02	<0.5	54	7.5	254	93.3	8.55	34	
C64249 (383103)	0.9	5.52	<1	285	0.7	<1	0.70	<0.5	53	9.5	325	39.6	6.22	26	
C64250 (383104)	0.8	5.66	<1	421	0.6	<1	1.03	<0.5	40	1.8	235	14.8	2.56	17	
C64251 (383105)	1.1	7.03	1	810	1.2	<1	1.68	0.6	60	2.8	279	23.4	3.07	21	
C64252 (383106)	<0.5	0.13	<1	66	<0.5	<1	29.1	<0.5	1	0.6	14.0	<0.5	0.12	<5	
C64253 (383107)	0.9	4.61	<1	335	0.8	<1	0.70	0.7	70	7.1	304	36.0	4.23	20	
C64254 (383108)	1.0	5.99	<1	203	1.2	<1	1.60	<0.5	68	2.5	312	28.4	3.85	21	
C64255 (383109)	0.6	5.63	<1	295	0.8	<1	1.51	<0.5	69	1.8	267	29.5	3.60	21	
C64256 (383110)	0.9	6.06	<1	337	0.9	<1	1.81	1.3	54	2.7	309	28.5	3.81	21	
C64257 (383111)	0.6	6.79	3	249	0.8	<1	2.39	34.0	67	4.6	242	41.6	5.33	27	
C64258 (383112)	0.6	6.78	<1	235	0.8	<1	2.36	31.8	67	4.6	243	40.4	5.49	27	
C64259 (383113)	1.7	4.10	<1	121	0.5	<1	1.34	1.1	12	3.1	341	25.0	3.08	13	
C64260 (383114)	0.7	7.94	<1	273	1.0	<1	2.67	0.9	57	2.2	155	22.9	3.29	23	
C64261 (383115)	1.0	8.05	<1	236	1.1	<1	3.25	1.4	64	3.5	275	14.0	3.98	24	
C64262 (383116)	1.1	6.90	<1	290	1.2	<1	2.54	0.6	68	2.4	223	14.9	3.41	23	
C64263 (383117)	1.0	7.85	<1	259	1.0	<1	2.94	2.0	68	3.4	261	13.5	3.83	24	
C64264 (383118)	0.8	6.88	<1	240	1.1	<1	2.47	0.9	34	2.7	222	29.2	4.36	22	
C64265 (383119)	0.7	6.43	<1	252	0.9	<1	2.14	1.2	74	2.0	331	22.4	3.69	23	
C64266 (383120)	<0.5	7.30	4	83	<0.5	<1	7.17	0.5	4	39.4	191	162	7.53	32	
C64267 (383121)	1.2	7.61	<1	303	0.9	<1	3.15	2.5	61	4.0	249	21.4	5.19	27	
C64268 (383122)	1.9	6.92	<1	231	1.2	<1	2.60	1.0	69	2.1	231	16.4	3.38	24	
C64269 (383123)	1.9	6.32	2	199	0.9	<1	2.14	<0.5	58	1.9	281	15.2	2.74	18	
C64270 (383124)	1.4	6.71	1	223	1.1	<1	2.22	1.4	96	1.7	300	20.2	3.18	22	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T497956

PROJECT: AGAT00713

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 25, 2019

DATE RECEIVED: Jul 26, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
C64271 (383125)		1.5	5.10	3	215	1.0	<1	1.70	1.1	66	2.9	292	27.5	3.97	18
C64272 (383126)		<0.5	0.09	<1	22	<0.5	<1	29.9	<0.5	1	0.6	11.3	<0.5	0.10	<5
C64273 (383127)		<0.5	5.69	2	199	1.1	<1	1.36	<0.5	74	2.4	245	6.6	2.90	17
C64274 (383128)		0.7	4.57	2	444	0.7	<1	0.63	<0.5	74	3.4	262	31.2	6.56	25
C64275 (383129)		0.8	4.57	<1	266	0.7	<1	0.37	<0.5	53	4.4	314	27.8	7.35	26
C64276 (383130)		0.9	6.55	2	84	1.3	<1	0.50	<0.5	34	0.8	182	8.1	2.34	17
C64277 (383131)		1.4	5.92	<1	4820	1.3	<1	1.19	<0.5	56	<0.5	242	2.4	2.02	17
C64278 (383132)		1.3	5.95	2	5030	1.3	<1	1.21	<0.5	55	<0.5	190	2.3	1.94	18

Certified By:





## Certificate of Analysis

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PROJECT: AGAT00713

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 25, 2019

DATE RECEIVED: Jul 26, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
C64207 (383061)		<1	1.14	29	9	0.24	141	13.5	2.98	2.8	107	<20	<50	0.84	<1
C64208 (383062)		<1	3.59	10	4	0.05	64	14.5	2.35	3.4	55	22	<50	0.58	<1
C64209 (383063)		<1	0.73	27	15	0.35	215	19.7	2.60	2.9	173	<20	<50	0.84	<1
C64210 (383064)		<1	0.84	10	14	0.44	226	20.7	2.01	4.2	43	<20	<50	4.15	1
C64211 (383065)		<1	0.83	13	13	0.47	253	26.5	2.16	4.8	42	<20	<50	3.96	3
C64212 (383066)		<1	0.05	2	2	3.17	125	0.8	0.07	0.8	90	<20	<50	0.05	<1
C64213 (383067)		<1	0.78	11	12	0.28	183	22.3	2.13	4.8	42	<20	<50	2.74	2
C64214 (383068)		<1	1.30	14	7	0.14	158	31.2	2.41	4.1	54	20	<50	6.59	3
C64215 (383069)		<1	1.56	21	11	0.46	235	21.0	2.26	4.4	126	21	<50	2.74	1
C64216 (383070)		<1	1.26	25	19	0.98	346	32.2	1.83	4.1	80	<20	<50	4.84	3
C64217 (383071)		<1	1.36	39	32	1.15	249	20.6	0.77	4.5	154	<20	<50	1.65	1
C64218 (383072)		<1	1.34	40	31	1.14	249	28.8	0.78	4.1	140	<20	<50	1.69	2
C64219 (383073)		<1	1.30	32	24	1.06	222	15.6	1.04	3.2	204	<20	<50	1.77	2
C64220 (383074)		<1	1.63	23	37	1.68	334	25.2	0.62	4.7	171	<20	<50	1.96	2
C64221 (383075)		<1	1.14	27	22	1.21	234	11.3	0.67	2.3	150	<20	<50	2.24	2
C64222 (383076)		<1	1.19	27	24	1.30	334	23.8	1.60	4.8	167	<20	<50	4.83	3
C64223 (383077)		<1	1.86	26	22	1.51	481	17.4	1.62	3.8	244	<20	<50	1.73	1
C64224 (383078)		<1	1.52	28	22	1.57	472	26.3	0.96	3.6	244	<20	<50	1.52	2
C64225 (383079)		<1	1.69	18	28	2.13	514	18.7	1.20	3.8	285	<20	<50	4.48	3
C64226 (383080)		<1	1.62	9	43	0.61	577	2.7	0.57	8.3	428	<20	<50	0.54	2
C64227 (383081)		<1	1.47	29	38	1.79	597	26.5	1.50	3.8	178	<20	<50	2.49	2
C64228 (383082)		<1	1.33	24	26	1.52	403	17.0	1.44	3.5	153	<20	<50	2.00	<1
C64229 (383083)		<1	1.93	29	36	2.41	469	25.2	1.28	3.5	197	<20	<50	1.71	3
C64230 (383084)		<1	1.84	24	38	2.44	452	19.3	0.58	4.1	78	<20	<50	3.48	2
C64231 (383085)		<1	1.70	35	36	2.06	389	25.1	0.94	3.6	111	<20	<50	3.09	<1
C64232 (383086)		<1	0.01	2	<1	1.89	114	<0.5	0.03	<0.5	65	<20	<50	0.03	<1
C64233 (383087)		<1	1.05	15	24	1.01	275	20.0	0.96	4.0	63	<20	<50	1.18	2
C64234 (383088)		<1	1.08	29	20	0.66	281	28.0	1.39	4.2	163	<20	<50	2.30	3
C64235 (383089)		<1	0.74	24	18	0.43	486	19.4	2.11	3.7	240	<20	<50	1.99	3
C64236 (383090)		<1	1.03	25	12	0.90	336	27.6	2.23	10.9	201	<20	<50	1.61	<1
C64237 (383091)		<1	2.00	53	26	9.64	1320	3.4	0.68	479	2400	<20	<50	0.33	3
C64238 (383092)		<1	2.02	57	26	9.64	1310	3.9	0.69	482	2360	<20	<50	0.34	3

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T497956

PROJECT: AGAT00713

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 25, 2019

DATE RECEIVED: Jul 26, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
C64239 (383093)		<1	2.08	28	28	2.59	503	20.1	1.51	26.4	522	<20	<50	3.19	<1
C64240 (383094)		<1	2.24	24	18	1.92	439	16.3	3.31	17.4	1390	<20	<50	2.63	2
C64241 (383095)		<1	1.69	26	16	1.96	354	15.9	1.03	5.7	782	<20	<50	1.75	1
C64242 (383096)		<1	0.98	32	38	0.88	265	27.2	0.70	11.1	773	<20	<50	3.36	2
C64243 (383097)		<1	1.76	22	24	1.99	512	14.5	2.46	9.3	1190	<20	<50	3.46	1
C64244 (383098)		<1	1.46	28	39	1.55	487	18.7	2.62	6.8	381	<20	<50	2.30	1
C64245 (383099)		<1	1.64	22	29	1.46	825	12.5	1.88	25.9	804	<20	<50	3.24	2
C64246 (383100)		<1	0.24	3	14	4.26	1230	1.6	1.63	91.8	338	<20	<50	0.20	1
C64247 (383101)		<1	1.54	24	16	0.65	362	27.1	1.38	10.2	600	<20	<50	4.83	3
C64248 (383102)		<1	1.34	24	23	0.84	448	16.1	1.74	16.6	752	<20	<50	4.11	1
C64249 (383103)		<1	1.90	24	41	2.23	592	25.9	0.64	19.6	593	<20	<50	2.62	2
C64250 (383104)		<1	1.41	19	21	0.62	230	54.6	1.07	4.0	242	<20	<50	1.10	1
C64251 (383105)		<1	2.25	27	17	0.72	319	28.5	2.06	7.4	274	39	<50	1.38	2
C64252 (383106)		<1	0.04	2	3	2.87	113	1.1	0.07	0.6	100	<20	<50	0.03	<1
C64253 (383107)		<1	0.97	31	21	0.59	378	22.1	0.63	6.6	203	<20	<50	2.19	3
C64254 (383108)		<1	1.15	30	22	0.93	516	28.1	1.83	4.4	172	<20	<50	1.92	1
C64255 (383109)		<1	1.07	31	27	0.87	376	17.6	1.54	3.4	144	<20	<50	2.04	2
C64256 (383110)		<1	1.13	25	15	0.78	353	40.1	2.17	4.7	172	<20	<50	1.87	1
C64257 (383111)		<1	0.92	31	13	0.65	665	19.1	2.50	4.7	385	23	<50	2.88	2
C64258 (383112)		<1	0.92	30	13	0.64	708	18.7	2.41	4.4	402	22	<50	3.00	<1
C64259 (383113)		<1	0.45	7	7	0.24	202	37.6	1.71	7.0	44	<20	<50	1.64	2
C64260 (383114)		<1	1.05	28	10	0.60	422	14.8	3.51	3.8	196	<20	<50	1.62	3
C64261 (383115)		<1	0.87	29	13	0.59	1790	25.2	2.37	3.7	618	<20	<50	1.32	3
C64262 (383116)		<1	0.90	30	19	0.59	1490	15.3	2.15	3.2	368	<20	<50	1.35	2
C64263 (383117)		<1	0.91	31	25	0.63	1590	25.2	2.29	3.9	532	<20	<50	1.31	<1
C64264 (383118)		<1	0.79	17	17	0.47	1150	16.8	2.21	3.8	591	<20	<50	1.90	1
C64265 (383119)		<1	0.92	34	19	0.81	1040	29.1	2.05	5.5	242	<20	<50	1.61	2
C64266 (383120)		<1	0.24	3	14	4.30	1280	1.8	1.69	93.8	336	<20	<50	0.20	3
C64267 (383121)		<1	0.93	28	23	0.71	1510	17.3	1.86	3.6	613	<20	<50	1.99	2
C64268 (383122)		<1	0.85	30	20	0.67	1390	17.1	2.04	4.7	311	<20	<50	1.32	2
C64269 (383123)		<1	0.66	27	16	0.44	322	26.3	2.23	4.6	121	<20	<50	1.36	<1
C64270 (383124)		<1	0.68	42	13	0.52	392	27.8	2.32	4.2	180	<20	<50	1.60	1

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T497956

PROJECT: AGAT00713

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 25, 2019

DATE RECEIVED: Jul 26, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Rb ppm	S %	Sb ppm
		1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
C64271 (383125)		<1	0.66	28	32	0.66	546	21.4	1.13	4.7	167	<20	<50	2.97	1
C64272 (383126)		<1	0.02	2	1	2.20	102	1.0	0.04	0.6	59	<20	<50	0.02	<1
C64273 (383127)		<1	0.72	33	16	0.76	366	24.9	1.47	4.3	211	<20	<50	2.28	<1
C64274 (383128)		<1	0.88	34	27	1.07	428	17.5	0.53	5.2	137	<20	<50	4.00	2
C64275 (383129)		<1	1.18	25	27	2.04	679	27.5	0.79	5.5	216	<20	<50	4.20	2
C64276 (383130)		<1	0.73	15	79	2.65	728	12.9	1.23	2.8	104	<20	<50	1.26	2
C64277 (383131)		<1	2.46	25	44	2.18	477	20.8	2.34	3.8	1440	<20	<50	0.57	1
C64278 (383132)		<1	2.45	25	43	2.19	478	13.8	2.39	3.9	1390	<20	<50	0.55	<1

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CLIENT NAME: GOLDCORP BORDEN LIMITED

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## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 25, 2019

DATE RECEIVED: Jul 26, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
C64207 (383061)	4	<10	<5	165	<10	<10	8	0.11	<5	<50	5.7	<1	6	63.1
C64208 (383062)	<1	<10	<5	199	<10	<10	<5	0.02	<5	<50	2.8	<1	2	17.0
C64209 (383063)	8	<10	<5	140	<10	<10	<5	0.12	<5	<50	6.1	<1	12	149
C64210 (383064)	5	<10	<5	112	<10	<10	<5	0.11	<5	<50	9.3	<1	3	142
C64211 (383065)	4	<10	<5	116	<10	<10	<5	0.10	<5	<50	9.9	<1	3	249
C64212 (383066)	<1	<10	<5	62	<10	<10	<5	<0.01	<5	<50	1.5	<1	2	7.1
C64213 (383067)	3	<10	<5	116	<10	<10	<5	0.07	<5	<50	8.2	<1	3	146
C64214 (383068)	1	<10	<5	136	<10	17	<5	0.04	<5	<50	11.5	<1	4	189
C64215 (383069)	9	<10	<5	113	<10	<10	<5	0.12	<5	<50	10.1	<1	8	153
C64216 (383070)	11	<10	<5	79	<10	<10	<5	0.20	<5	<50	10.0	<1	7	278
C64217 (383071)	14	<10	<5	54	<10	<10	<5	0.20	<5	<50	5.6	<1	14	198
C64218 (383072)	13	<10	<5	54	<10	<10	<5	0.20	<5	<50	6.1	<1	14	195
C64219 (383073)	13	<10	<5	75	<10	<10	<5	0.19	<5	<50	5.0	<1	12	166
C64220 (383074)	11	<10	<5	35	<10	<10	<5	0.20	<5	<50	5.7	<1	11	251
C64221 (383075)	12	<10	<5	44	<10	<10	<5	0.16	<5	<50	5.3	<1	10	132
C64222 (383076)	13	<10	<5	59	<10	<10	<5	0.18	<5	<50	13.7	<1	16	162
C64223 (383077)	14	<10	<5	68	<10	<10	<5	0.22	<5	<50	5.4	<1	11	148
C64224 (383078)	12	<10	<5	39	<10	<10	<5	0.20	<5	<50	5.4	<1	11	142
C64225 (383079)	10	<10	<5	41	<10	<10	<5	0.18	<5	<50	8.5	<1	8	201
C64226 (383080)	8	<10	<5	233	<10	<10	<5	0.18	<5	<50	64.2	<1	8	33.7
C64227 (383081)	13	<10	<5	52	<10	<10	<5	0.20	<5	<50	7.1	<1	14	175
C64228 (383082)	10	<10	<5	78	<10	<10	<5	0.17	<5	<50	5.5	<1	11	112
C64229 (383083)	11	<10	<5	91	<10	<10	<5	0.25	<5	<50	6.0	<1	12	101
C64230 (383084)	8	<10	<5	33	<10	<10	<5	0.20	<5	<50	7.8	<1	9	115
C64231 (383085)	12	<10	<5	49	<10	<10	<5	0.22	<5	<50	7.2	<1	15	121
C64232 (383086)	<1	<10	<5	73	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	3.5
C64233 (383087)	9	<10	<5	78	<10	<10	<5	0.14	<5	<50	5.0	<1	7	84.6
C64234 (383088)	11	<10	<5	89	<10	<10	<5	0.13	<5	<50	6.4	<1	15	111
C64235 (383089)	9	<10	<5	113	<10	<10	<5	0.11	<5	<50	6.3	<1	16	214
C64236 (383090)	8	<10	<5	216	<10	<10	<5	0.23	<5	<50	19.0	<1	11	129
C64237 (383091)	22	<10	<5	751	<10	<10	<5	1.85	<5	<50	256	<1	21	88.7
C64238 (383092)	22	<10	<5	766	<10	<10	<5	1.84	<5	<50	259	<1	21	87.1

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## Certificate of Analysis

AGAT WORK ORDER: 19T497956

PROJECT: AGAT00713

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 25, 2019

DATE RECEIVED: Jul 26, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
C64239 (383093)	14	<10	<5	85	<10	<10	<5	0.37	<5	<50	28.4	<1	13	740
C64240 (383094)	11	<10	<5	123	<10	<10	<5	0.23	<5	<50	38.2	<1	9	417
C64241 (383095)	14	<10	<5	196	<10	<10	<5	0.28	<5	<50	22.6	<1	13	268
C64242 (383096)	13	<10	<5	185	<10	<10	<5	0.18	<5	<50	25.5	<1	19	59.2
C64243 (383097)	12	<10	<5	180	<10	<10	<5	0.25	<5	<50	28.0	<1	15	147
C64244 (383098)	20	<10	<5	150	<10	<10	<5	0.23	<5	<50	26.7	<1	22	189
C64245 (383099)	21	<10	<5	109	<10	<10	<5	0.29	<5	<50	49.7	<1	24	148
C64246 (383100)	43	<10	<5	167	<10	<10	<5	0.59	<5	<50	276	<1	20	68.6
C64247 (383101)	17	<10	<5	67	<10	<10	<5	0.20	<5	<50	16.9	<1	15	76.8
C64248 (383102)	18	<10	<5	79	<10	<10	<5	0.23	<5	<50	25.1	<1	17	103
C64249 (383103)	14	<10	<5	57	<10	<10	<5	0.32	<5	<50	28.3	<1	14	403
C64250 (383104)	5	<10	<5	104	<10	<10	<5	0.11	<5	<50	8.0	<1	11	131
C64251 (383105)	7	<10	<5	198	<10	<10	<5	0.14	<5	<50	13.2	<1	15	193
C64252 (383106)	<1	<10	<5	62	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	6.2
C64253 (383107)	9	<10	<5	82	<10	<10	<5	0.13	<5	<50	9.9	<1	17	222
C64254 (383108)	12	<10	<5	101	<10	<10	<5	0.17	<5	<50	7.8	<1	18	188
C64255 (383109)	11	<10	<5	100	<10	<10	<5	0.15	<5	<50	5.4	<1	22	166
C64256 (383110)	11	<10	<5	125	<10	<10	<5	0.14	<5	<50	9.0	<1	13	382
C64257 (383111)	12	<10	<5	101	<10	<10	<5	0.14	<5	<50	10.3	<1	15	5590
C64258 (383112)	12	<10	<5	95	<10	<10	<5	0.14	<5	<50	10.1	<1	15	5350
C64259 (383113)	2	<10	<5	120	<10	<10	<5	0.04	<5	<50	7.9	<1	3	286
C64260 (383114)	8	<10	<5	205	<10	<10	<5	0.11	<5	<50	11.1	<1	11	264
C64261 (383115)	13	<10	<5	115	<10	<10	<5	0.22	<5	<50	9.5	<1	28	254
C64262 (383116)	16	<10	<5	93	<10	<10	<5	0.16	<5	<50	6.2	<1	26	196
C64263 (383117)	12	<10	<5	122	<10	<10	<5	0.22	<5	<50	7.1	<1	25	515
C64264 (383118)	9	<10	<5	135	<10	<10	<5	0.12	<5	<50	7.2	<1	17	262
C64265 (383119)	12	<10	<5	127	<10	<10	<5	0.16	<5	<50	8.2	<1	22	412
C64266 (383120)	43	<10	<5	173	<10	<10	<5	0.62	<5	<50	276	<1	20	74.0
C64267 (383121)	12	<10	<5	126	<10	<10	<5	0.24	<5	<50	8.9	<1	27	658
C64268 (383122)	15	<10	<5	104	<10	<10	<5	0.18	<5	<50	5.1	<1	31	226
C64269 (383123)	6	<10	<5	132	<10	<10	<5	0.10	<5	<50	5.4	<1	12	146
C64270 (383124)	8	<10	<5	116	<10	<10	7	0.12	<5	<50	5.8	<1	19	243

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T497956

PROJECT: AGAT00713

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 25, 2019

DATE RECEIVED: Jul 26, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
C64271 (383125)	10	<10	<5	92	<10	<10	<5	0.12	<5	<50	5.9	<1	23	284
C64272 (383126)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	5.1
C64273 (383127)	12	<10	<5	113	<10	<10	<5	0.12	<5	<50	4.9	<1	16	130
C64274 (383128)	10	<10	<5	71	<10	<10	<5	0.15	<5	<50	7.6	<1	20	176
C64275 (383129)	9	<10	<5	46	<10	<10	<5	0.16	<5	<50	10.6	<1	15	252
C64276 (383130)	4	<10	<5	37	<10	<10	<5	0.04	<5	<50	6.7	<1	9	150
C64277 (383131)	15	<10	<5	83	<10	<10	<5	0.17	<5	<50	18.7	<1	11	113
C64278 (383132)	14	<10	<5	84	<10	<10	<5	0.15	<5	<50	18.1	<1	10	115

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T497956

PROJECT: AGAT00713

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 25, 2019

DATE RECEIVED: Jul 26, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
C64207 (383061)			211
C64208 (383062)			119
C64209 (383063)			420
C64210 (383064)			218
C64211 (383065)			125
C64212 (383066)			<5
C64213 (383067)			282
C64214 (383068)			223
C64215 (383069)			167
C64216 (383070)			195
C64217 (383071)			50
C64218 (383072)			51
C64219 (383073)			55
C64220 (383074)			30
C64221 (383075)			44
C64222 (383076)			180
C64223 (383077)			204
C64224 (383078)			112
C64225 (383079)			142
C64226 (383080)			49
C64227 (383081)			108
C64228 (383082)			105
C64229 (383083)			57
C64230 (383084)			37
C64231 (383085)			142
C64232 (383086)			<5
C64233 (383087)			269
C64234 (383088)			212
C64235 (383089)			201
C64236 (383090)			318
C64237 (383091)			241
C64238 (383092)			231

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T497956

PROJECT: AGAT00713

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 25, 2019

DATE RECEIVED: Jul 26, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
C64239 (383093)			101
C64240 (383094)			30
C64241 (383095)			90
C64242 (383096)			60
C64243 (383097)			126
C64244 (383098)			214
C64245 (383099)			92
C64246 (383100)			46
C64247 (383101)			84
C64248 (383102)			100
C64249 (383103)			157
C64250 (383104)			150
C64251 (383105)			188
C64252 (383106)			<5
C64253 (383107)			167
C64254 (383108)			181
C64255 (383109)			135
C64256 (383110)			177
C64257 (383111)			131
C64258 (383112)			121
C64259 (383113)			267
C64260 (383114)			148
C64261 (383115)			192
C64262 (383116)			209
C64263 (383117)			195
C64264 (383118)			121
C64265 (383119)			154
C64266 (383120)			45
C64267 (383121)			226
C64268 (383122)			336
C64269 (383123)			329
C64270 (383124)			304

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T497956

PROJECT: AGAT00713

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 25, 2019

DATE RECEIVED: Jul 26, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core


Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
C64271 (383125)	294
C64272 (383126)	<5
C64273 (383127)	104
C64274 (383128)	139
C64275 (383129)	110
C64276 (383130)	144
C64277 (383131)	245
C64278 (383132)	250

Comments: RDL - Reported Detection Limit

383061-383132 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T497956

PROJECT: AGAT00713

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 25, 2019

DATE RECEIVED: Jul 26, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C64207 (383061)			0.006
C64208 (383062)			0.004
C64209 (383063)			0.004
C64210 (383064)			0.018
C64211 (383065)			0.021
C64212 (383066)			<0.001
C64213 (383067)			0.016
C64214 (383068)			0.082
C64215 (383069)			0.009
C64216 (383070)			0.032
C64217 (383071)			0.010
C64218 (383072)			0.010
C64219 (383073)			0.009
C64220 (383074)			0.015
C64221 (383075)			0.012
C64222 (383076)			0.086
C64223 (383077)			0.010
C64224 (383078)			0.032
C64225 (383079)			0.049
C64226 (383080)			2.45
C64227 (383081)			0.010
C64228 (383082)			0.011
C64229 (383083)			0.009
C64230 (383084)			0.035
C64231 (383085)			0.048
C64232 (383086)			0.004
C64233 (383087)			0.036
C64234 (383088)			0.014
C64235 (383089)			0.006
C64236 (383090)			0.120
C64237 (383091)			0.007
C64238 (383092)			0.002

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T497956

PROJECT: AGAT00713

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 25, 2019

DATE RECEIVED: Jul 26, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C64239 (383093)			0.016
C64240 (383094)			0.012
C64241 (383095)			0.010
C64242 (383096)			0.012
C64243 (383097)			0.023
C64244 (383098)			0.014
C64245 (383099)			0.032
C64246 (383100)			1.22
C64247 (383101)			0.017
C64248 (383102)			0.044
C64249 (383103)			0.017
C64250 (383104)			0.007
C64251 (383105)			0.010
C64252 (383106)			<0.001
C64253 (383107)			0.006
C64254 (383108)			0.006
C64255 (383109)			0.002
C64256 (383110)			0.006
C64257 (383111)			0.018
C64258 (383112)			0.012
C64259 (383113)			0.005
C64260 (383114)			0.749
C64261 (383115)			0.006
C64262 (383116)			0.007
C64263 (383117)			0.006
C64264 (383118)			0.009
C64265 (383119)			0.011
C64266 (383120)			1.23
C64267 (383121)			0.014
C64268 (383122)			0.003
C64269 (383123)			0.019
C64270 (383124)			0.005

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T497956

PROJECT: AGAT00713

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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 25, 2019

DATE RECEIVED: Jul 26, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C64271 (383125)			0.004
C64272 (383126)			0.004
C64273 (383127)			<0.001
C64274 (383128)			0.005
C64275 (383129)			0.005
C64276 (383130)			0.001
C64277 (383131)			<0.001
C64278 (383132)			<0.001

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T497956

PROJECT: AGAT00713

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 25, 2019

DATE RECEIVED: Jul 26, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
C64207 (383061)		76.95
C64220 (383074)		79.00
C64231 (383085)		81.88
C64249 (383103)		79.27
C64265 (383119)		79.61
C64269 (383123)		80.25

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T497956

PROJECT: AGAT00713

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 25, 2019

DATE RECEIVED: Jul 26, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL: 0.01
C64207 (383061)	86.70

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	383061	0.8	0.7	13.3%	383075	< 0.5	< 0.5	0.0%	383086	< 0.5	< 0.5	0.0%	383101	0.6	0.5	18.2%
Al	383061	6.89	5.89	15.6%	383075	3.95	3.88	1.8%	383086	0.063	0.081	25.0%	383101	5.68	5.74	1.1%
As	383061	< 1	< 1	0.0%	383075	< 1	< 1	0.0%	383086	< 1	< 1	0.0%	383101	< 1	< 1	0.0%
Ba	383061	337	271	21.7%	383075	262	256	2.3%	383086	16	20	22.2%	383101	418	416	0.5%
Be	383061	0.90	0.71	23.6%	383075	< 0.5	< 0.5	0.0%	383086	< 0.5	< 0.5	0.0%	383101	1.12	1.16	3.5%
Bi	383061	< 1	< 1	0.0%	383075	< 1	< 1	0.0%	383086	< 1	< 1	0.0%	383101	< 1	< 1	0.0%
Ca	383061	1.75	1.69	3.5%	383075	5.19	5.10	1.7%	383086	32.1	32.1	0.0%	383101	1.54	1.55	0.6%
Cd	383061	< 0.5	< 0.5	0.0%	383075	< 0.5	< 0.5	0.0%	383086	< 0.5	< 0.5	0.0%	383101	< 0.5	< 0.5	0.0%
Ce	383061	57	49	15.1%	383075	62	63	1.6%	383086	1	< 1		383101	54	56	3.6%
Co	383061	2.0	1.8	10.5%	383075	2.5	2.5	0.0%	383086	< 0.5	< 0.5	0.0%	383101	17.7	17.8	0.6%
Cr	383061	101	102	1.0%	383075	165	163	1.2%	383086	6.7	6.3	6.2%	383101	295	319	7.8%
Cu	383061	19.8	16.1	20.6%	383075	19.3	18.9	2.1%	383086	< 0.5	< 0.5	0.0%	383101	103	101	2.0%
Fe	383061	2.22	1.87	17.1%	383075	4.63	4.50	2.8%	383086	0.091	0.097	6.4%	383101	9.60	9.69	0.9%
Ga	383061	18	14	25.0%	383075	18	17	5.7%	383086	< 5	< 5	0.0%	383101	34	35	2.9%
In	383061	< 1	< 1	0.0%	383075	< 1	< 1	0.0%	383086	< 1	< 1	0.0%	383101	< 1	< 1	0.0%
K	383061	1.14	0.973	15.8%	383075	1.14	1.13	0.9%	383086	0.01	0.02		383101	1.54	1.55	0.6%
La	383061	29	25	14.8%	383075	27	28	3.6%	383086	2	2	0.0%	383101	24	26	8.0%
Li	383061	9	8	11.8%	383075	22	22	0.0%	383086	< 1	1		383101	16	16	0.0%
Mg	383061	0.24	0.37	42.6%	383075	1.21	1.20	0.8%	383086	1.89	1.97	4.1%	383101	0.648	0.656	1.2%
Mn	383061	141	130	8.1%	383075	234	231	1.3%	383086	114	117	2.6%	383101	362	366	1.1%
Mo	383061	13.5	12.4	8.5%	383075	11.3	10.7	5.5%	383086	< 0.5	< 0.5	0.0%	383101	27.1	27.6	1.8%
Na	383061	2.98	2.48	18.3%	383075	0.673	0.664	1.3%	383086	0.029	0.037	24.2%	383101	1.38	1.39	0.7%
Ni	383061	2.8	2.7	3.6%	383075	2.3	2.0	14.0%	383086	< 0.5	< 0.5	0.0%	383101	10.2	9.81	3.9%
P	383061	107	97	9.8%	383075	150	140	6.9%	383086	65	73	11.6%	383101	600	609	1.5%
Pb	383061	< 20	< 20	0.0%	383075	< 20	< 20	0.0%	383086	< 20	< 20	0.0%	383101	< 20	< 20	0.0%
Rb	383061	< 50	< 50	0.0%	383075	< 50	< 50	0.0%	383086	< 50	< 50	0.0%	383101	< 50	< 50	0.0%
S	383061	0.836	0.713	15.9%	383075	2.24	2.11	6.0%	383086	0.03	0.03	0.0%	383101	4.83	4.79	0.8%
Sb	383061	< 1	< 1	0.0%	383075	2	< 1		383086	< 1	< 1	0.0%	383101	3	2	
Sc	383061	4	3	28.6%	383075	12	12	0.0%	383086	< 1	< 1	0.0%	383101	17	17	0.0%
Se	383061	< 10	< 10	0.0%	383075	< 10	< 10	0.0%	383086	< 10	< 10	0.0%	383101	< 10	< 10	0.0%
Sn	383061	< 5	< 5	0.0%	383075	< 5	< 5	0.0%	383086	< 5	< 5	0.0%	383101	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	383061	165	139	17.1%	383075	44	43	2.3%	383086	73	72	1.4%	383101	67	67	0.0%
Ta	383061	< 10	< 10	0.0%	383075	< 10	< 10	0.0%	383086	< 10	< 10	0.0%	383101	< 10	< 10	0.0%
Te	383061	< 10	< 10	0.0%	383075	< 10	< 10	0.0%	383086	< 10	< 10	0.0%	383101	< 10	< 10	0.0%
Th	383061	8	< 5		383075	< 5	< 5	0.0%	383086	< 5	< 5	0.0%	383101	< 5	< 5	0.0%
Ti	383061	0.11	0.10	9.5%	383075	0.16	0.16	0.0%	383086	< 0.01	< 0.01	0.0%	383101	0.20	0.20	0.0%
Tl	383061	< 5	< 5	0.0%	383075	< 5	< 5	0.0%	383086	< 5	< 5	0.0%	383101	< 5	< 5	0.0%
U	383061	< 50	< 50	0.0%	383075	< 50	< 50	0.0%	383086	< 50	< 50	0.0%	383101	< 50	< 50	0.0%
V	383061	5.7	5.1	11.1%	383075	5.3	5.4	1.9%	383086	1.0	1.1	9.5%	383101	16.9	17.1	1.2%
W	383061	< 1	< 1	0.0%	383075	< 1	< 1	0.0%	383086	< 1	< 1	0.0%	383101	< 1	< 1	0.0%
Y	383061	6	6	0.0%	383075	10	10	0.0%	383086	2	2	0.0%	383101	15	15	0.0%
Zn	383061	63.1	51.2	20.8%	383075	132	126	4.7%	383086	3.54	4.06	13.7%	383101	76.8	77.5	0.9%
Zr	383061	211	188	11.5%	383075	44	43	2.3%	383086	< 5	< 5	0.0%	383101	84	88	4.7%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	383111	0.6	0.6	0.0%	383125	1.52	1.55	2.0%								
Al	383111	6.79	6.88	1.3%	383125	5.10	5.15	1.0%								
As	383111	3	< 1		383125	3	2									
Ba	383111	249	245	1.6%	383125	215	219	1.8%								
Be	383111	0.8	0.8	0.0%	383125	1.0	1.0	0.0%								
Bi	383111	< 1	< 1	0.0%	383125	< 1	< 1	0.0%								
Ca	383111	2.39	2.37	0.8%	383125	1.70	1.73	1.7%								
Cd	383111	34.0	31.2	8.6%	383125	1.1	1.1	0.0%								
Ce	383111	67	60	11.0%	383125	66	72	8.7%								
Co	383111	4.6	4.3	6.7%	383125	2.90	2.95	1.7%								
Cr	383111	242	260	7.2%	383125	292	310	6.0%								
Cu	383111	41.6	38.0	9.0%	383125	27.5	26.7	3.0%								
Fe	383111	5.33	5.23	1.9%	383125	3.97	3.97	0.0%								
Ga	383111	27	25	7.7%	383125	18	21	15.4%								
In	383111	< 1	< 1	0.0%	383125	< 1	< 1	0.0%								
K	383111	0.924	0.935	1.2%	383125	0.660	0.666	0.9%								
La	383111	31	29	6.7%	383125	28	30	6.9%								
Li	383111	13	13	0.0%	383125	32	32	0.0%								
Mg	383111	0.65	0.65	0.0%	383125	0.66	0.67	1.5%								
Mn	383111	665	650	2.3%	383125	546	547	0.2%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	383111	19.1	20.1	5.1%	383125	21.4	21.5	0.5%								
Na	383111	2.50	2.52	0.8%	383125	1.13	1.16	2.6%								
Ni	383111	4.7	4.5	4.3%	383125	4.74	5.11	7.5%								
P	383111	385	362	6.2%	383125	167	171	2.4%								
Pb	383111	23	22	4.4%	383125	< 20	< 20	0.0%								
Rb	383111	< 50	< 50	0.0%	383125	< 50	< 50	0.0%								
S	383111	2.88	2.76	4.3%	383125	2.97	2.96	0.3%								
Sb	383111	2	1		383125	1	3									
Sc	383111	12	12	0.0%	383125	10	10	0.0%								
Se	383111	< 10	< 10	0.0%	383125	< 10	< 10	0.0%								
Sn	383111	< 5	< 5	0.0%	383125	< 5	< 5	0.0%								
Sr	383111	101	103	2.0%	383125	92	94	2.2%								
Ta	383111	< 10	< 10	0.0%	383125	< 10	< 10	0.0%								
Te	383111	< 10	< 10	0.0%	383125	< 10	< 10	0.0%								
Th	383111	< 5	< 5	0.0%	383125	< 5	< 5	0.0%								
Ti	383111	0.14	0.14	0.0%	383125	0.12	0.12	0.0%								
Tl	383111	< 5	< 5	0.0%	383125	< 5	< 5	0.0%								
U	383111	< 50	< 50	0.0%	383125	< 50	< 50	0.0%								
V	383111	10.3	10.3	0.0%	383125	5.90	6.09	3.2%								
W	383111	< 1	< 1	0.0%	383125	< 1	< 1	0.0%								
Y	383111	15	14	6.9%	383125	23	23	0.0%								
Zn	383111	5590	5310	5.1%	383125	284	286	0.7%								
Zr	383111	131	124	5.5%	383125	294	297	1.0%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	383061	0.006	0.006	0.0%	383075	0.012	0.011	8.7%	383086	0.004	0.011	93.3%	383101	0.017	0.017	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	383111	0.018	0.018	0.0%	383125	0.0042	0.0034	21.1%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.1P5R)				CRM #3 (ref.GS6F)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	2.76	91%	90% - 110%
Al	10.95	10.98	100%	90% - 110%	8.17	8.23	101%	90% - 110%	6.96	6.87	99%	90% - 110%	4.75	4.92	104%	90% - 110%
As					26	23	88%	90% - 110%	124	116	94%	90% - 110%				
Ba	340	320	94%	90% - 110%	540	515	95%	90% - 110%	186	175	94%	90% - 110%	216	207	96%	90% - 110%
Be	2.6	2.6	99%	90% - 110%	4.0	3.1	77%	90% - 110%								
Ca	5.72	5.47	96%	90% - 110%	0.907	0.866	95%	90% - 110%	4.01	3.77	94%	90% - 110%	10	9	90%	90% - 110%
Ce	122	116	95%	90% - 110%	98	96	98%	90% - 110%	24	18	77%	90% - 110%				
Co									22.1	20.5	93%	90% - 110%	191	179	94%	90% - 110%
Cr					60.3	59.9	99%	90% - 110%					670	674	101%	90% - 110%
Cu					150	151	101%	90% - 110%	88.6	83.7	94%	90% - 110%	7120	7519	106%	90% - 110%
Fe	4.34	4.14	95%	90% - 110%	3.77	3.72	99%	90% - 110%	7.56	7.31	97%	90% - 110%	12.71	12.01	94%	90% - 110%
Ga	35	38	109%	90% - 110%												
K	1.37	1.48	108%	90% - 110%					2.021	2.085	103%	90% - 110%	0.1021	0.1088	107%	90% - 110%
La	58	56	96%	90% - 110%	44	44	99%	90% - 110%					8.47	7.95	94%	90% - 110%
Li	37	39	106%	90% - 110%	47	48	102%	90% - 110%								
Mg	0.325	0.303	93%	90% - 110%	1.10	1.07	97%	90% - 110%	2.412	2.343	97%	90% - 110%	7.41	7.27	98%	90% - 110%
Mn					780	799	102%	90% - 110%	1510	1399	93%	90% - 110%				
Mo					14	13	91%	90% - 110%								
Na	5.267	5.235	99%	90% - 110%	1.624	1.644	101%	90% - 110%	0.617	0.61	99%	90% - 110%	0.112	0.122	109%	90% - 110%
Ni					32	31	96%	90% - 110%	77.1	68.1	88%	90% - 110%	2480	1997	81%	90% - 110%
P					750	716	96%	90% - 110%	892	850	95%	90% - 110%	731	680	93%	90% - 110%
Pb					31	26	85%	90% - 110%								
S									0.348	0.315	90%	90% - 110%				
Sc	1.1	1.1	97%	90% - 110%	12	13	106%	90% - 110%					21.33	21.77	102%	90% - 110%
Sr	1191	1150	97%	90% - 110%	144	147	102%	90% - 110%	92.8	86.2	93%	90% - 110%	39	38	97%	90% - 110%
Ti	0.172	0.17	99%	90% - 110%	0.53	0.48	91%	90% - 110%					0.419	0.419	100%	90% - 110%
V	8	8	102%	90% - 110%	77	79	103%	90% - 110%					158	166	105%	90% - 110%
Y	119	127	106%	90% - 110%									12.67	13.15	104%	90% - 110%
Zn	93	90	97%	90% - 110%	130	117	90%	90% - 110%	208	195	94%	90% - 110%	112	104	93%	90% - 110%
Zr													35.7	36.1	101%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.1P5R)				CRM #3 (ref.GS6F)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.27	5.42	103%	90% - 110%	1.81	1.77	98%	90% - 110%	6.87	6.66	97%	90% - 110%				

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00713  
 SAMPLING SITE:

AGAT WORK ORDER: 19T497956  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00714

AGAT WORK ORDER: 19T498607

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Aug 15, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T498607

PROJECT: AGAT00714

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D64505 (388548)		2.85
D64506 (388549)		0.07
D64507 (388550)		2.29
D64508 (388551)		2.32
D64509 (388552)		2.31
D64510 (388553)		2.25
D64511 (388554)		1.16
D64512 (388555)		0.58
D64513 (388556)		1.14
D64514 (388557)		2.39
D64515 (388558)		0.70
D64516 (388559)		0.68
D64517 (388560)		1.00
D64518 (388561)		1.00
D64519 (388562)		2.30
D64520 (388563)		2.11
D64521 (388564)		1.11
D64522 (388565)		1.34
D64523 (388566)		2.35
D64524 (388567)		2.28
D64525 (388568)		1.85
D64526 (388569)		0.07
D64527 (388570)		2.71
D64528 (388571)		0.95
D64529 (388572)		1.13
D64530 (388573)		2.32
D64531 (388574)		0.68
D64532 (388575)		0.61
D64533 (388576)		2.04
D64534 (388577)		1.07
D64535 (388578)		1.03

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T498607

PROJECT: AGAT00714

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D64536 (388579)		2.15
D64537 (388580)		0.86
D64538 (388581)		0.86
D64539 (388582)		1.12
D64540 (388583)		1.37
D64541 (388584)		1.10
D64542 (388585)		2.20
D64543 (388586)		1.61
D64544 (388587)		0.74
D64545 (388588)		1.48
D64546 (388589)		0.07
D64547 (388590)		0.85
D64548 (388591)		1.42
D64549 (388592)		1.16
D64550 (388593)		2.28
D64551 (388594)		1.82
D64552 (388595)		0.54
D64553 (388596)		1.98
D64554 (388597)		0.70
D64555 (388598)		1.05
D64556 (388599)		2.03
D64557 (388600)		1.70
D64558 (388601)		1.70
D64559 (388602)		2.52
D64560 (388603)		0.70
D64561 (388604)		1.46
D64562 (388605)		1.84
D64563 (388606)		2.30
D64564 (388607)		2.93
D64565 (388608)		2.24
D64566 (388609)		0.07

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T498607

PROJECT: AGAT00714

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D64567 (388610)		2.31
D64568 (388611)		2.35
D64569 (388612)		2.39
D64570 (388613)		2.35
D64571 (388614)		2.04
D64572 (388615)		0.60
D64573 (388616)		2.33
D64574 (388617)		2.31
D64575 (388618)		2.39
D64576 (388619)		2.17

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T498607

PROJECT: AGAT00714

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D64505 (388548)		<0.5	7.38	<1	285	0.5	<1	3.17	<0.5	32	32.5	172	439	7.56	20
D64506 (388549)		<0.5	7.31	<1	140	<0.5	<1	6.78	<0.5	5	44.0	146	154	7.89	19
D64507 (388550)		<0.5	9.30	<1	291	0.9	<1	2.64	<0.5	37	22.5	138	233	9.26	26
D64508 (388551)		<0.5	9.17	<1	166	1.1	<1	2.91	<0.5	35	15.1	146	17.1	4.27	22
D64509 (388552)		<0.5	8.09	<1	194	<0.5	<1	2.20	<0.5	39	27.3	170	128	7.73	23
D64510 (388553)		<0.5	7.21	<1	441	0.8	<1	2.95	<0.5	57	22.5	171	201	4.90	19
D64511 (388554)		<0.5	7.48	<1	350	1.1	<1	1.90	<0.5	34	14.6	99.5	152	3.44	21
D64512 (388555)		<0.5	0.07	1	13	<0.5	<1	30.7	<0.5	<1	1.4	6.6	<0.5	0.11	5
D64513 (388556)		<0.5	6.75	<1	339	0.6	<1	1.80	<0.5	48	15.2	149	314	8.29	21
D64514 (388557)		<0.5	7.04	<1	423	0.6	<1	2.29	<0.5	50	12.8	137	154	7.71	21
D64515 (388558)		<0.5	6.27	<1	208	0.6	<1	2.20	<0.5	40	41.4	156	246	9.65	22
D64516 (388559)		<0.5	5.98	<1	276	0.8	<1	1.82	<0.5	42	24.3	141	300	10.3	23
D64517 (388560)		<0.5	6.79	<1	293	0.7	<1	2.32	<0.5	44	63.4	162	157	9.22	20
D64518 (388561)		<0.5	6.80	<1	294	0.7	<1	2.41	<0.5	47	61.2	154	156	9.42	21
D64519 (388562)		<0.5	6.73	<1	228	0.9	<1	2.64	<0.5	35	24.6	160	41.3	8.57	21
D64520 (388563)		<0.5	7.04	<1	304	0.9	<1	2.61	<0.5	44	17.0	122	32.2	9.02	23
D64521 (388564)		0.7	7.18	<1	316	0.5	<1	3.48	<0.5	47	10.3	165	26.2	7.30	21
D64522 (388565)		0.5	7.10	<1	355	0.6	<1	2.75	<0.5	46	10.3	111	120	11.0	28
D64523 (388566)		<0.5	7.23	<1	450	0.6	<1	2.81	<0.5	39	17.7	148	95.0	9.21	23
D64524 (388567)		<0.5	8.02	<1	238	1.0	<1	3.27	<0.5	31	12.5	125	48.7	5.62	23
D64525 (388568)		<0.5	7.57	<1	275	1.0	<1	2.89	<0.5	48	13.9	200	67.5	7.02	22
D64526 (388569)		<0.5	7.62	<1	188	<0.5	<1	6.44	<0.5	16	42.8	147	110	7.71	22
D64527 (388570)		<0.5	7.19	<1	297	0.8	<1	2.42	<0.5	46	16.8	115	25.7	7.65	23
D64528 (388571)		<0.5	2.81	<1	456	<0.5	<1	5.70	<0.5	62	77.2	573	82.0	9.22	15
D64529 (388572)		<0.5	7.52	<1	226	0.5	<1	3.13	<0.5	39	15.2	113	37.2	6.96	23
D64530 (388573)		<0.5	8.16	<1	97	<0.5	<1	5.88	<0.5	32	30.8	183	21.5	6.37	20
D64531 (388574)		<0.5	7.39	<1	330	<0.5	<1	2.22	<0.5	11	4.9	107	12.2	1.40	18
D64532 (388575)		<0.5	0.10	2	15	<0.5	<1	32.1	<0.5	<1	0.9	4.3	<0.5	0.11	5
D64533 (388576)		<0.5	7.21	<1	173	0.8	<1	4.94	<0.5	40	29.4	265	19.4	5.32	19
D64534 (388577)		<0.5	7.76	<1	396	0.9	<1	2.51	<0.5	55	9.2	105	39.9	3.94	20
D64535 (388578)		<0.5	8.30	<1	249	1.2	<1	2.53	<0.5	20	2.9	94.4	25.4	2.11	16
D64536 (388579)		0.8	7.60	<1	392	1.7	<1	2.64	<0.5	50	12.0	94.9	33.3	3.25	20

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T498607

PROJECT: AGAT00714

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D64537 (388580)		0.5	3.13	<1	620	<0.5	<1	7.50	<0.5	93	64.0	495	103	9.17	18
D64538 (388581)		0.6	3.07	<1	607	<0.5	<1	7.24	<0.5	94	65.7	481	101	8.90	18
D64539 (388582)		0.7	8.07	<1	750	0.9	<1	2.12	<0.5	75	9.2	96.1	25.3	4.50	24
D64540 (388583)		1.4	7.17	<1	311	1.2	<1	2.26	<0.5	72	4.9	117	23.0	2.90	21
D64541 (388584)		1.0	6.20	<1	285	1.0	<1	2.00	<0.5	71	2.5	87.8	12.4	2.45	20
D64542 (388585)		0.6	6.82	<1	326	1.0	<1	2.13	<0.5	74	4.1	107	24.3	3.61	21
D64543 (388586)		<0.5	3.48	<1	974	<0.5	<1	8.34	<0.5	146	53.9	620	105	7.95	18
D64544 (388587)		<0.5	5.21	<1	313	<0.5	<1	1.82	<0.5	70	20.5	204	133	13.1	22
D64545 (388588)		<0.5	3.20	<1	1090	<0.5	<1	8.54	<0.5	136	64.4	608	107	8.12	17
D64546 (388589)		<0.5	7.60	<1	143	<0.5	<1	6.85	<0.5	6	43.2	134	161	8.01	18
D64547 (388590)		0.8	7.02	<1	597	0.8	<1	1.94	<0.5	67	3.9	138	37.5	4.89	21
D64548 (388591)		0.5	5.49	<1	655	3.4	<1	2.97	<0.5	84	23.5	252	25.9	4.94	17
D64549 (388592)		1.3	6.58	2	498	1.6	<1	2.69	0.8	61	8.3	140	19.6	4.25	21
D64550 (388593)		1.2	7.14	<1	401	1.3	<1	2.49	1.1	73	3.6	90.0	10.8	3.04	19
D64551 (388594)		1.0	6.73	<1	336	1.1	<1	1.94	1.0	67	3.4	113	17.9	4.66	18
D64552 (388595)		<0.5	0.21	<1	23	<0.5	<1	31.4	<0.5	1	1.3	6.6	<0.5	0.23	<5
D64553 (388596)		<0.5	6.05	<1	173	<0.5	<1	0.72	<0.5	88	3.8	126	26.6	4.92	23
D64554 (388597)		1.0	7.85	<1	268	1.3	<1	2.31	<0.5	51	12.7	122	12.0	7.67	24
D64555 (388598)		<0.5	6.98	<1	372	1.4	<1	2.86	<0.5	47	10.5	96.9	43.3	6.84	23
D64556 (388599)		1.1	5.97	<1	295	0.9	<1	1.79	<0.5	16	7.1	149	29.4	4.13	16
D64557 (388600)		<0.5	7.19	<1	529	0.6	<1	3.22	<0.5	41	14.0	167	54.0	7.82	21
D64558 (388601)		<0.5	7.03	<1	592	0.6	<1	3.24	<0.5	43	13.8	196	54.8	8.18	21
D64559 (388602)		<0.5	7.34	<1	434	0.7	<1	2.88	<0.5	54	16.2	149	57.9	8.38	22
D64560 (388603)		<0.5	2.41	<1	131	0.5	<1	0.84	<0.5	20	4.8	327	19.2	2.66	8
D64561 (388604)		0.6	6.17	2	487	2.7	<1	3.32	<0.5	57	32.4	203	77.1	8.90	21
D64562 (388605)		<0.5	7.56	<1	789	0.9	<1	2.95	<0.5	44	20.1	147	65.1	9.70	25
D64563 (388606)		1.3	5.13	<1	218	0.6	<1	1.62	<0.5	8	11.7	190	28.2	7.86	24
D64564 (388607)		<0.5	7.31	<1	377	0.8	<1	3.29	<0.5	53	17.1	164	55.7	6.30	23
D64565 (388608)		0.7	7.25	<1	185	0.7	<1	3.05	<0.5	51	12.7	145	60.4	6.31	21
D64566 (388609)		<0.5	7.61	<1	144	<0.5	<1	6.93	<0.5	6	43.1	192	165	8.07	19
D64567 (388610)		<0.5	7.58	<1	139	0.7	<1	3.74	<0.5	51	11.2	178	45.6	6.76	22
D64568 (388611)		<0.5	6.94	<1	282	<0.5	<1	3.50	<0.5	54	15.4	140	71.3	7.24	21

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T498607

PROJECT: AGAT00714

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
		0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5
D64569 (388612)		<0.5	7.05	<1	397	0.7	<1	3.64	<0.5	43	15.6	161	33.8	6.96	20
D64570 (388613)		<0.5	7.24	<1	299	0.6	<1	4.18	<0.5	46	15.7	162	29.9	8.13	23
D64571 (388614)		0.7	6.15	<1	233	<0.5	<1	3.25	<0.5	51	31.1	192	87.8	7.48	19
D64572 (388615)		<0.5	0.15	<1	20	<0.5	<1	33.2	<0.5	<1	1.0	7.2	<0.5	0.16	<5
D64573 (388616)		<0.5	7.33	<1	327	<0.5	<1	3.86	<0.5	40	13.5	121	23.5	7.74	23
D64574 (388617)		<0.5	7.15	<1	256	0.6	<1	3.91	<0.5	47	15.7	158	17.5	7.74	21
D64575 (388618)		<0.5	7.08	<1	257	<0.5	<1	4.01	<0.5	43	19.4	139	34.1	8.36	22
D64576 (388619)		<0.5	8.52	<1	310	<0.5	<1	4.70	<0.5	51	16.3	155	18.0	8.70	24

Certified By:

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D64505 (388548)		<1	0.99	18	25	1.40	897	12.9	2.02	23.2	499	<20	<50	0.77	<1
D64506 (388549)		<1	0.20	5	12	4.12	1330	<0.5	2.24	86.3	411	<20	<50	0.15	<1
D64507 (388550)		<1	1.39	19	29	1.44	954	11.4	2.55	21.9	1130	<20	<50	0.87	<1
D64508 (388551)		<1	1.00	17	26	1.39	580	11.6	2.84	29.3	831	<20	<50	0.04	<1
D64509 (388552)		<1	0.71	20	21	1.63	922	15.9	1.69	19.0	780	<20	<50	0.20	<1
D64510 (388553)		<1	1.71	29	32	2.18	645	8.2	2.43	72.2	908	<20	<50	0.38	<1
D64511 (388554)		<1	1.59	17	17	0.74	380	10.7	3.31	6.6	505	<20	<50	0.50	<1
D64512 (388555)		2	0.01	<2	2	3.13	47	<0.5	0.04	1.0	70	<20	<50	0.02	<1
D64513 (388556)		<1	1.53	23	21	1.35	1310	11.4	1.73	6.8	862	<20	<50	1.61	<1
D64514 (388557)		<1	1.42	23	27	1.20	1120	13.8	1.68	5.3	1110	<20	<50	1.67	<1
D64515 (388558)		<1	1.65	20	15	0.81	559	11.3	2.41	12.9	536	<20	<50	4.78	<1
D64516 (388559)		<1	1.07	21	18	0.69	197	11.5	2.01	8.5	918	<20	<50	4.43	<1
D64517 (388560)		<1	1.11	22	23	1.11	1170	15.9	1.68	7.0	1070	<20	<50	3.39	<1
D64518 (388561)		<1	1.08	23	23	1.11	1190	16.7	1.69	6.2	1080	<20	<50	3.38	<1
D64519 (388562)		<1	1.50	18	18	1.32	1080	10.0	2.03	14.6	1170	<20	<50	0.94	<1
D64520 (388563)		<1	1.27	21	22	1.06	1080	11.6	1.88	5.5	1210	<20	<50	0.99	<1
D64521 (388564)		<1	1.23	22	28	1.02	1140	12.1	1.11	4.6	1210	<20	<50	1.45	<1
D64522 (388565)		<1	1.10	22	20	0.76	418	8.9	2.00	7.0	1610	<20	<50	5.01	<1
D64523 (388566)		<1	1.50	19	19	0.61	420	9.9	2.04	6.4	1410	<20	<50	4.62	<1
D64524 (388567)		<1	1.05	15	18	0.57	952	13.7	2.55	3.5	1640	<20	<50	2.46	<1
D64525 (388568)		<1	1.04	22	17	0.68	541	13.0	2.58	6.8	1490	<20	<50	3.12	<1
D64526 (388569)		<1	0.45	11	11	4.21	1300	<0.5	2.30	108	923	<20	<50	0.08	<1
D64527 (388570)		<1	1.71	22	34	1.62	1680	9.9	1.97	19.5	1280	<20	<50	1.11	<1
D64528 (388571)		<1	1.12	34	14	11.3	1330	1.4	0.87	653	1710	<20	<50	0.18	<1
D64529 (388572)		<1	1.66	19	28	1.68	1140	9.3	2.05	15.0	1400	<20	<50	1.56	<1
D64530 (388573)		<1	0.53	15	29	3.36	1130	4.5	1.98	77.9	1150	<20	<50	0.22	<1
D64531 (388574)		<1	0.76	7	8	0.60	187	9.2	3.19	22.4	141	<20	<50	0.12	<1
D64532 (388575)		1	0.02	<2	<1	2.42	50	<0.5	0.05	<0.5	95	<20	<50	0.03	<1
D64533 (388576)		<1	1.03	20	28	3.94	993	6.3	1.68	91.4	1160	<20	<50	0.21	<1
D64534 (388577)		<1	0.94	27	14	0.65	292	10.4	2.99	24.9	492	<20	<50	1.43	<1
D64535 (388578)		<1	0.61	12	5	0.18	143	11.5	3.71	7.3	141	<20	<50	0.90	<1
D64536 (388579)		<1	0.93	27	14	0.86	265	9.5	3.39	28.9	340	<20	<50	1.24	<1

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T498607

PROJECT: AGAT00714

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D64537 (388580)		<1	1.68	48	22	9.58	1310	1.7	1.23	492	2280	<20	<50	0.22	<1
D64538 (388581)		<1	1.70	49	22	9.30	1310	2.0	1.17	495	2290	<20	<50	0.21	<1
D64539 (388582)		<1	1.88	37	42	1.79	569	7.2	3.26	33.6	160	<20	<50	1.28	<1
D64540 (388583)		<1	1.26	31	24	1.09	584	9.5	2.55	21.2	292	<20	<50	0.55	<1
D64541 (388584)		<1	1.04	30	15	0.77	700	13.5	1.95	3.5	277	<20	<50	0.55	<1
D64542 (388585)		<1	1.11	31	14	0.79	784	12.1	2.72	6.8	344	<20	<50	1.40	<1
D64543 (388586)		<1	2.43	70	21	8.52	1510	2.9	0.82	384	2960	<20	<50	0.34	<1
D64544 (388587)		<1	1.06	33	34	2.69	1170	6.1	2.24	109	747	<20	<50	5.91	<1
D64545 (388588)		<1	2.06	70	16	9.62	1370	1.8	0.52	519	3090	<20	<50	0.45	<1
D64546 (388589)		<1	0.21	5	13	4.31	1380	<0.5	2.32	84.7	407	<20	<50	0.16	<1
D64547 (388590)		<1	1.53	28	25	0.83	990	11.0	2.86	7.4	285	<20	<50	2.05	<1
D64548 (388591)		<1	1.57	37	65	3.99	2170	6.9	2.63	174	945	<20	<50	0.42	<1
D64549 (388592)		<1	2.01	28	23	1.22	1230	8.6	2.82	19.1	382	<20	<50	1.54	<1
D64550 (388593)		<1	1.42	31	13	0.60	1870	12.6	2.27	8.0	246	<20	<50	0.87	<1
D64551 (388594)		<1	1.30	28	19	0.83	2420	12.9	2.32	4.2	264	<20	<50	1.49	<1
D64552 (388595)		<1	0.04	<2	<1	2.95	99	<0.5	0.06	0.8	105	<20	<50	0.02	2
D64553 (388596)		<1	1.95	37	27	1.67	627	13.1	1.97	3.8	220	<20	<50	1.95	<1
D64554 (388597)		<1	2.91	23	43	3.53	2440	5.9	2.12	35.5	1050	<20	<50	1.25	<1
D64555 (388598)		<1	1.27	21	13	0.92	726	7.9	2.90	5.2	811	<20	<50	3.30	<1
D64556 (388599)		<1	0.88	9	9	0.45	322	14.4	2.34	4.1	348	<20	<50	1.91	<1
D64557 (388600)		<1	1.02	19	20	0.76	1050	11.9	2.07	6.0	1110	<20	<50	4.25	<1
D64558 (388601)		<1	1.00	19	19	0.76	1070	10.8	2.10	6.2	1070	<20	<50	4.37	<1
D64559 (388602)		<1	1.23	24	19	0.91	914	11.3	2.25	5.7	963	<20	<50	3.73	<1
D64560 (388603)		<1	0.57	9	7	0.46	222	21.1	0.85	5.8	255	<20	<50	0.93	<1
D64561 (388604)		<1	1.55	27	29	2.56	727	5.9	2.86	110	1150	<20	<50	3.45	<1
D64562 (388605)		<1	2.01	21	27	1.44	921	8.9	2.44	6.1	968	<20	<50	3.48	<1
D64563 (388606)		<1	0.56	6	5	0.16	420	14.0	2.30	6.5	39	<20	<50	1.46	<1
D64564 (388607)		<1	1.09	24	14	0.91	1450	9.6	2.53	8.5	818	<20	<50	2.08	<1
D64565 (388608)		<1	0.79	22	14	0.88	1200	10.5	2.43	5.1	1030	<20	<50	1.91	<1
D64566 (388609)		<1	0.21	5	13	4.31	1390	<0.5	2.34	88.3	398	<20	<50	0.16	<1
D64567 (388610)		<1	0.62	22	16	0.96	1060	10.4	2.08	4.5	1060	<20	<50	1.76	<1
D64568 (388611)		<1	0.97	26	18	0.80	1100	10.3	1.85	3.2	1380	<20	<50	1.76	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T498607

PROJECT: AGAT00714

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Rb ppm	S %	Sb ppm
D64569 (388612)		<1	0.94	19	17	0.72	1350	9.2	2.16	4.4	1220	<20	<50	1.38	<1
D64570 (388613)		<1	0.94	20	13	0.74	1520	12.4	1.58	3.3	1380	<20	<50	1.11	<1
D64571 (388614)		<1	0.64	26	10	0.47	938	12.8	1.66	4.0	1120	<20	<50	1.62	<1
D64572 (388615)		3	0.03	2	<1	1.30	52	0.6	0.05	<0.5	102	<20	<50	0.02	2
D64573 (388616)		<1	0.78	19	15	0.74	1320	10.7	1.97	2.3	1460	<20	<50	0.52	<1
D64574 (388617)		<1	1.02	21	14	0.80	1530	9.2	1.59	4.2	1370	<20	<50	0.46	<1
D64575 (388618)		<1	0.90	19	13	0.73	1520	10.7	1.05	3.4	1560	<20	<50	0.61	<1
D64576 (388619)		<1	1.07	23	16	0.85	1840	8.8	1.27	2.6	1740	<20	<50	0.23	<1

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PROJECT: AGAT00714

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D64505 (388548)	17	<10	<5	184	<10	<10	<5	0.37	<5	<50	56.8	<1	29	66.4
D64506 (388549)	46	<10	<5	113	<10	<10	<5	0.68	<5	<50	309	<1	23	76.0
D64507 (388550)	20	<10	<5	194	<10	<10	<5	0.55	<5	<50	89.0	<1	30	85.5
D64508 (388551)	19	<10	<5	239	<10	<10	<5	0.46	<5	<50	89.6	<1	21	38.3
D64509 (388552)	21	<10	<5	169	<10	<10	<5	0.45	<5	<50	58.1	<1	35	58.6
D64510 (388553)	13	<10	<5	277	<10	<10	<5	0.49	<5	<50	79.7	<1	24	60.7
D64511 (388554)	9	<10	<5	129	<10	<10	<5	0.20	<5	<50	23.9	<1	16	51.7
D64512 (388555)	<1	<10	<5	63	<10	<10	<5	<0.01	<5	<50	3.3	<1	2	4.7
D64513 (388556)	20	<10	<5	89	<10	<10	<5	0.39	<5	<50	12.4	<1	47	96.7
D64514 (388557)	19	<10	<5	83	<10	<10	<5	0.45	<5	<50	9.0	<1	48	66.6
D64515 (388558)	11	<10	<5	112	<10	<10	<5	0.20	<5	<50	24.0	<1	16	72.9
D64516 (388559)	16	<10	<5	103	<10	<10	<5	0.39	<5	<50	8.9	<1	15	56.5
D64517 (388560)	18	<10	<5	145	<10	<10	<5	0.43	<5	<50	16.7	<1	41	59.5
D64518 (388561)	18	<10	<5	149	<10	<10	<5	0.44	<5	<50	15.5	<1	42	59.4
D64519 (388562)	18	<10	<5	143	<10	<10	<5	0.41	<5	<50	24.1	<1	32	76.1
D64520 (388563)	18	<10	<5	116	<10	<10	<5	0.48	<5	<50	10.7	<1	40	71.2
D64521 (388564)	18	<10	<5	129	<10	<10	<5	0.48	<5	<50	10.6	<1	43	56.6
D64522 (388565)	20	<10	<5	114	<10	<10	<5	0.36	<5	<50	7.2	<1	23	70.0
D64523 (388566)	19	<10	<5	125	<10	<10	<5	0.34	<5	<50	7.5	<1	22	58.1
D64524 (388567)	17	<10	<5	150	<10	<10	<5	0.34	<5	<50	12.1	<1	27	43.8
D64525 (388568)	17	<10	<5	150	<10	<10	<5	0.33	<5	<50	13.2	<1	23	47.7
D64526 (388569)	35	<10	<5	252	<10	<10	<5	0.86	<5	<50	239	<1	23	87.2
D64527 (388570)	22	<10	<5	139	<10	<10	<5	0.61	<5	<50	23.2	<1	39	155
D64528 (388571)	20	<10	<5	518	<10	<10	<5	1.76	<5	<50	202	<1	21	90.4
D64529 (388572)	20	<10	<5	158	<10	<10	<5	0.56	<5	<50	23.0	<1	34	185
D64530 (388573)	28	<10	<5	373	<10	<10	<5	0.70	<5	<50	184	<1	22	109
D64531 (388574)	3	<10	<5	219	<10	<10	<5	0.11	<5	<50	20.7	<1	2	31.6
D64532 (388575)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	1.9	<1	2	4.3
D64533 (388576)	23	<10	<5	339	<10	<10	<5	0.42	<5	<50	146	<1	16	170
D64534 (388577)	6	<10	<5	289	<10	<10	<5	0.20	<5	<50	14.4	<1	11	70.8
D64535 (388578)	2	<10	<5	331	<10	<10	<5	0.03	<5	<50	5.7	<1	4	23.0
D64536 (388579)	4	<10	<5	373	<10	<10	<5	0.25	<5	<50	25.5	<1	9	57.0

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T498607

PROJECT: AGAT00714

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D64537 (388580)	20	<10	<5	807	<10	<10	<5	2.00	<5	<50	236	<1	25	141
D64538 (388581)	20	<10	<5	773	<10	<10	<5	1.96	<5	<50	235	<1	25	134
D64539 (388582)	11	<10	<5	298	<10	<10	<5	0.39	<5	<50	32.5	<1	11	183
D64540 (388583)	16	<10	<5	196	<10	<10	<5	0.29	<5	<50	12.3	<1	21	91.5
D64541 (388584)	12	<10	<5	124	<10	<10	<5	0.22	<5	<50	3.0	<1	28	94.1
D64542 (388585)	28	<10	<5	154	<10	<10	<5	0.23	<5	<50	6.9	<1	24	252
D64543 (388586)	23	<10	<5	996	<10	<10	<5	1.85	<5	<50	236	<1	27	111
D64544 (388587)	12	<10	<5	215	<10	11	<5	0.42	<5	<50	44.4	<1	25	540
D64545 (388588)	20	<10	<5	798	<10	<10	<5	1.81	<5	<50	245	<1	24	107
D64546 (388589)	46	<10	<5	117	<10	<10	<5	0.69	<5	<50	305	<1	23	78.2
D64547 (388590)	12	<10	<5	162	<10	<10	<5	0.21	<5	<50	4.7	<1	30	252
D64548 (388591)	13	<10	<5	313	<10	<10	<5	0.46	<5	<50	64.5	<1	46	305
D64549 (388592)	11	<10	<5	144	<10	<10	<5	0.21	<5	<50	30.5	<1	26	441
D64550 (388593)	11	<10	<5	96	<10	<10	<5	0.23	<5	<50	6.5	<1	46	336
D64551 (388594)	11	<10	<5	73	<10	<10	<5	0.23	<5	<50	6.7	<1	42	1300
D64552 (388595)	<1	<10	<5	71	<10	<10	<5	0.02	<5	<50	1.9	<1	3	7.0
D64553 (388596)	14	<10	<5	37	<10	<10	<5	0.20	<5	<50	2.3	<1	17	185
D64554 (388597)	35	<10	<5	115	<10	<10	<5	0.47	<5	<50	35.0	<1	44	152
D64555 (388598)	16	<10	<5	181	<10	<10	<5	0.21	<5	<50	17.8	<1	22	87.6
D64556 (388599)	6	<10	<5	219	<10	<10	<5	0.14	<5	<50	9.0	<1	8	111
D64557 (388600)	16	<10	<5	187	<10	<10	<5	0.44	<5	<50	19.8	<1	38	137
D64558 (388601)	17	<10	<5	189	<10	<10	<5	0.45	<5	<50	19.7	<1	40	136
D64559 (388602)	20	<10	<5	163	<10	<10	<5	0.46	<5	<50	19.8	<1	36	135
D64560 (388603)	6	<10	<5	62	<10	<10	<5	0.11	<5	<50	6.7	<1	10	42.8
D64561 (388604)	22	<10	<5	271	<10	<10	<5	0.58	<5	<50	54.9	<1	30	113
D64562 (388605)	21	<10	<5	182	<10	<10	<5	0.41	<5	<50	18.3	<1	28	156
D64563 (388606)	2	<10	<5	287	<10	<10	<5	0.15	<5	<50	34.8	<1	4	158
D64564 (388607)	16	<10	<5	185	<10	<10	<5	0.38	<5	<50	25.7	<1	33	175
D64565 (388608)	18	<10	<5	158	<10	<10	<5	0.42	<5	<50	24.7	<1	38	231
D64566 (388609)	46	<10	<5	118	<10	<10	<5	0.69	<5	<50	303	<1	23	78.4
D64567 (388610)	20	<10	<5	157	<10	<10	<5	0.48	<5	<50	17.8	<1	44	375
D64568 (388611)	16	<10	<5	147	<10	<10	<5	0.50	<5	<50	12.6	<1	35	436

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T498607

PROJECT: AGAT00714

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D64569 (388612)	18	<10	<5	161	<10	<10	<5	0.48	<5	<50	12.6	<1	36	125
D64570 (388613)	20	<10	<5	155	<10	<10	<5	0.56	<5	<50	10.7	<1	42	143
D64571 (388614)	14	<10	<5	164	<10	<10	<5	0.45	<5	<50	12.4	<1	29	85.7
D64572 (388615)	<1	<10	<5	79	<10	<10	<5	0.01	<5	<50	2.4	<1	3	4.5
D64573 (388616)	18	<10	<5	174	<10	<10	<5	0.59	<5	<50	9.0	<1	37	136
D64574 (388617)	20	<10	<5	149	<10	<10	<5	0.53	<5	<50	18.0	<1	41	130
D64575 (388618)	21	<10	<5	144	<10	<10	<5	0.61	<5	<50	8.7	<1	44	136
D64576 (388619)	23	<10	<5	172	<10	<10	<5	0.67	<5	<50	9.2	<1	52	147

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D64505 (388548)	86
D64506 (388549)	55
D64507 (388550)	84
D64508 (388551)	82
D64509 (388552)	70
D64510 (388553)	106
D64511 (388554)	66
D64512 (388555)	<5
D64513 (388556)	68
D64514 (388557)	80
D64515 (388558)	66
D64516 (388559)	63
D64517 (388560)	109
D64518 (388561)	117
D64519 (388562)	127
D64520 (388563)	157
D64521 (388564)	194
D64522 (388565)	120
D64523 (388566)	55
D64524 (388567)	73
D64525 (388568)	56
D64526 (388569)	89
D64527 (388570)	108
D64528 (388571)	179
D64529 (388572)	126
D64530 (388573)	21
D64531 (388574)	30
D64532 (388575)	<5
D64533 (388576)	65
D64534 (388577)	124
D64535 (388578)	86
D64536 (388579)	186

Certified By:





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PROJECT: AGAT00714

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

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SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D64537 (388580)			240
D64538 (388581)			251
D64539 (388582)			184
D64540 (388583)			234
D64541 (388584)			232
D64542 (388585)			146
D64543 (388586)			219
D64544 (388587)			100
D64545 (388588)			218
D64546 (388589)			54
D64547 (388590)			177
D64548 (388591)			171
D64549 (388592)			250
D64550 (388593)			251
D64551 (388594)			194
D64552 (388595)			<5
D64553 (388596)			96
D64554 (388597)			169
D64555 (388598)			89
D64556 (388599)			190
D64557 (388600)			55
D64558 (388601)			59
D64559 (388602)			81
D64560 (388603)			73
D64561 (388604)			112
D64562 (388605)			118
D64563 (388606)			243
D64564 (388607)			116
D64565 (388608)			155
D64566 (388609)			53
D64567 (388610)			142
D64568 (388611)			107

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T498607

PROJECT: AGAT00714

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core


Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D64569 (388612)	54
D64570 (388613)	45
D64571 (388614)	184
D64572 (388615)	<5
D64573 (388616)	68
D64574 (388617)	72
D64575 (388618)	55
D64576 (388619)	75

Comments: RDL - Reported Detection Limit

388548-388619 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T498607

PROJECT: AGAT00714

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D64505 (388548)			0.004
D64506 (388549)			0.541
D64507 (388550)			0.002
D64508 (388551)			0.008
D64509 (388552)			0.002
D64510 (388553)			0.005
D64511 (388554)			0.006
D64512 (388555)			<0.001
D64513 (388556)			0.006
D64514 (388557)			0.005
D64515 (388558)			0.008
D64516 (388559)			0.012
D64517 (388560)			0.005
D64518 (388561)			0.005
D64519 (388562)			0.002
D64520 (388563)			0.003
D64521 (388564)			0.004
D64522 (388565)			0.053
D64523 (388566)			0.013
D64524 (388567)			0.003
D64525 (388568)			0.008
D64526 (388569)			0.330
D64527 (388570)			0.006
D64528 (388571)			0.001
D64529 (388572)			0.006
D64530 (388573)			0.001
D64531 (388574)			<0.001
D64532 (388575)			<0.001
D64533 (388576)			<0.001
D64534 (388577)			0.006
D64535 (388578)			0.014
D64536 (388579)			0.008

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T498607

PROJECT: AGAT00714

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 CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D64537 (388580)		<0.001	
D64538 (388581)		0.002	
D64539 (388582)		0.005	
D64540 (388583)		0.002	
D64541 (388584)		0.004	
D64542 (388585)		0.005	
D64543 (388586)		0.002	
D64544 (388587)		0.016	
D64545 (388588)		0.002	
D64546 (388589)		0.541	
D64547 (388590)		0.005	
D64548 (388591)		<0.001	
D64549 (388592)		0.003	
D64550 (388593)		0.003	
D64551 (388594)		0.005	
D64552 (388595)		<0.001	
D64553 (388596)		0.004	
D64554 (388597)		<0.001	
D64555 (388598)		0.008	
D64556 (388599)		0.007	
D64557 (388600)		0.011	
D64558 (388601)		0.008	
D64559 (388602)		0.008	
D64560 (388603)		0.004	
D64561 (388604)		0.009	
D64562 (388605)		0.019	
D64563 (388606)		0.008	
D64564 (388607)		0.021	
D64565 (388608)		0.006	
D64566 (388609)		0.543	
D64567 (388610)		0.002	
D64568 (388611)		0.013	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T498607

PROJECT: AGAT00714

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D64569 (388612)			0.017
D64570 (388613)			0.006
D64571 (388614)			0.015
D64572 (388615)			<0.001
D64573 (388616)			0.003
D64574 (388617)			0.002
D64575 (388618)			0.004
D64576 (388619)			0.002

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T498607

PROJECT: AGAT00714

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CANADA L4Z 1N9  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D64505 (388548)		82.59
D64524 (388567)		79.01
D64541 (388584)		81.56
D64545 (388588)		89.96
D64564 (388607)		86.93

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	388548	< 0.5	< 0.5	0.0%	388562	< 0.5	< 0.5	0.0%	388573	< 0.5	< 0.5	0.0%	388587	< 0.5	0.6	
Al	388548	7.38	7.00	5.3%	388562	6.73	6.45	4.2%	388573	8.16	8.45	3.5%	388587	5.21	5.43	4.1%
As	388548	< 1	< 1	0.0%	388562	< 1	< 1	0.0%	388573	< 1	< 1	0.0%	388587	< 1	< 1	0.0%
Ba	388548	285	278	2.5%	388562	228	222	2.7%	388573	97	97	0.0%	388587	313	262	17.7%
Be	388548	0.5	0.5	0.0%	388562	0.86	0.82	4.8%	388573	< 0.5	< 0.5	0.0%	388587	< 0.5	< 0.5	0.0%
Bi	388548	< 1	< 1	0.0%	388562	< 1	< 1	0.0%	388573	< 1	< 1	0.0%	388587	< 1	< 1	0.0%
Ca	388548	3.17	3.41	7.3%	388562	2.64	2.55	3.5%	388573	5.88	6.00	2.0%	388587	1.82	1.87	2.7%
Cd	388548	< 0.5	< 0.5	0.0%	388562	< 0.5	< 0.5	0.0%	388573	< 0.5	< 0.5	0.0%	388587	< 0.5	< 0.5	0.0%
Ce	388548	32	32	0.0%	388562	35	38	8.2%	388573	32	31	3.2%	388587	70	73	4.2%
Co	388548	32.5	30.0	8.0%	388562	24.6	25.1	2.0%	388573	30.8	28.2	8.8%	388587	20.5	20.8	1.5%
Cr	388548	172	192	11.0%	388562	160	160	0.0%	388573	183	165	10.3%	388587	204	195	4.5%
Cu	388548	439	408	7.3%	388562	41.3	40.4	2.2%	388573	21.5	21.4	0.5%	388587	133	141	5.8%
Fe	388548	7.56	7.35	2.8%	388562	8.57	8.27	3.6%	388573	6.37	6.51	2.2%	388587	13.1	13.4	2.3%
Ga	388548	20	21	4.9%	388562	21	21	0.0%	388573	20	20	0.0%	388587	22	24	8.7%
In	388548	< 1	< 1	0.0%	388562	< 1	< 1	0.0%	388573	< 1	< 1	0.0%	388587	< 1	< 1	0.0%
K	388548	0.99	0.93	6.3%	388562	1.50	1.42	5.5%	388573	0.532	0.551	3.5%	388587	1.06	1.11	4.6%
La	388548	18	18	0.0%	388562	18	19	5.4%	388573	15	14	6.9%	388587	33	35	5.9%
Li	388548	25	23	8.3%	388562	18	17	5.7%	388573	29	30	3.4%	388587	34	36	5.7%
Mg	388548	1.40	1.34	4.4%	388562	1.32	1.27	3.9%	388573	3.36	3.40	1.2%	388587	2.69	2.78	3.3%
Mn	388548	897	843	6.2%	388562	1080	1040	3.8%	388573	1130	1170	3.5%	388587	1170	1220	4.2%
Mo	388548	12.9	12.4	4.0%	388562	10.0	9.6	4.1%	388573	4.5	5.2	14.4%	388587	6.14	6.36	3.5%
Na	388548	2.02	1.99	1.5%	388562	2.03	1.98	2.5%	388573	1.98	2.04	3.0%	388587	2.24	2.30	2.6%
Ni	388548	23.2	21.5	7.6%	388562	14.6	14.9	2.0%	388573	77.9	66.3	16.1%	388587	109	113	3.6%
P	388548	499	457	8.8%	388562	1170	1120	4.4%	388573	1150	1080	6.3%	388587	747	785	5.0%
Pb	388548	< 20	< 20	0.0%	388562	< 20	< 20	0.0%	388573	< 20	< 20	0.0%	388587	< 20	< 20	0.0%
Rb	388548	< 50	< 50	0.0%	388562	< 50	< 50	0.0%	388573	< 50	< 50	0.0%	388587	< 50	< 50	0.0%
S	388548	0.771	0.777	0.8%	388562	0.94	0.94	0.0%	388573	0.22	0.23	4.4%	388587	5.91	6.07	2.7%
Sb	388548	< 1	< 1	0.0%	388562	< 1	< 1	0.0%	388573	< 1	< 1	0.0%	388587	< 1	< 1	0.0%
Sc	388548	17	15	12.5%	388562	18	18	0.0%	388573	28	28	0.0%	388587	12	13	8.0%
Se	388548	< 10	< 10	0.0%	388562	< 10	< 10	0.0%	388573	< 10	< 10	0.0%	388587	< 10	< 10	0.0%
Sn	388548	< 5	< 5	0.0%	388562	< 5	< 5	0.0%	388573	< 5	< 5	0.0%	388587	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	388548	184	179	2.8%	388562	143	138	3.6%	388573	373	384	2.9%	388587	215	219	1.8%
Ta	388548	< 10	< 10	0.0%	388562	< 10	< 10	0.0%	388573	< 10	< 10	0.0%	388587	< 10	< 10	0.0%
Te	388548	< 10	< 10	0.0%	388562	< 10	< 10	0.0%	388573	< 10	< 10	0.0%	388587	11	12	8.7%
Th	388548	< 5	< 5	0.0%	388562	< 5	< 5	0.0%	388573	< 5	< 5	0.0%	388587	< 5	< 5	0.0%
Ti	388548	0.37	0.36	2.7%	388562	0.411	0.395	4.0%	388573	0.701	0.706	0.7%	388587	0.42	0.42	0.0%
Tl	388548	< 5	< 5	0.0%	388562	< 5	< 5	0.0%	388573	< 5	< 5	0.0%	388587	< 5	< 5	0.0%
U	388548	< 50	< 50	0.0%	388562	< 50	< 50	0.0%	388573	< 50	< 50	0.0%	388587	< 50	< 50	0.0%
V	388548	56.8	52.3	8.2%	388562	24.1	23.3	3.4%	388573	184	181	1.6%	388587	44.4	45.4	2.2%
W	388548	< 1	< 1	0.0%	388562	< 1	< 1	0.0%	388573	< 1	< 1	0.0%	388587	< 1	< 1	0.0%
Y	388548	29	27	7.1%	388562	32	32	0.0%	388573	22	22	0.0%	388587	25	26	3.9%
Zn	388548	66.4	65.3	1.7%	388562	76.1	74.5	2.1%	388573	109	116	6.2%	388587	540	557	3.1%
Zr	388548	86	83	3.6%	388562	127	125	1.6%	388573	21	19	10.0%	388587	100	99	1.0%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	388598	< 0.5	< 0.5	0.0%	388612	< 0.5	< 0.5	0.0%								
Al	388598	6.98	6.46	7.7%	388612	7.05	6.86	2.7%								
As	388598	< 1	< 1	0.0%	388612	< 1	< 1	0.0%								
Ba	388598	372	317	16.0%	388612	397	391	1.5%								
Be	388598	1.4	1.4	0.0%	388612	0.7	0.7	0.0%								
Bi	388598	< 1	< 1	0.0%	388612	< 1	< 1	0.0%								
Ca	388598	2.86	2.80	2.1%	388612	3.64	3.56	2.2%								
Cd	388598	< 0.5	< 0.5	0.0%	388612	< 0.5	< 0.5	0.0%								
Ce	388598	47	48	2.1%	388612	43	41	4.8%								
Co	388598	10.5	12.7	19.0%	388612	15.6	15.6	0.0%								
Cr	388598	96.9	113	15.3%	388612	161	151	6.4%								
Cu	388598	43.3	52.0	18.3%	388612	33.8	32.9	2.7%								
Fe	388598	6.84	7.80	13.1%	388612	6.96	6.87	1.3%								
Ga	388598	23	21	9.1%	388612	20	19	5.1%								
In	388598	< 1	< 1	0.0%	388612	< 1	< 1	0.0%								
K	388598	1.27	1.13	11.7%	388612	0.940	0.912	3.0%								
La	388598	21	21	0.0%	388612	19	18	5.4%								
Li	388598	13	13	0.0%	388612	17	16	6.1%								
Mg	388598	0.92	0.86	6.7%	388612	0.72	0.71	1.4%								
Mn	388598	726	675	7.3%	388612	1350	1350	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	388598	7.9	7.6	3.9%	388612	9.19	9.05	1.5%								
Na	388598	2.90	2.84	2.1%	388612	2.16	2.11	2.3%								
Ni	388598	5.23	6.58	22.9%	388612	4.36	4.34	0.5%								
P	388598	811	680	17.6%	388612	1220	1170	4.2%								
Pb	388598	< 20	< 20	0.0%	388612	< 20	< 20	0.0%								
Rb	388598	< 50	< 50	0.0%	388612	< 50	< 50	0.0%								
S	388598	3.30	3.93	17.4%	388612	1.38	1.37	0.7%								
Sb	388598	< 1	< 1	0.0%	388612	< 1	< 1	0.0%								
Sc	388598	16	16	0.0%	388612	18	17	5.7%								
Se	388598	< 10	< 10	0.0%	388612	< 10	< 10	0.0%								
Sn	388598	< 5	< 5	0.0%	388612	< 5	< 5	0.0%								
Sr	388598	181	165	9.2%	388612	161	157	2.5%								
Ta	388598	< 10	< 10	0.0%	388612	< 10	< 10	0.0%								
Te	388598	< 10	< 10	0.0%	388612	< 10	< 10	0.0%								
Th	388598	< 5	< 5	0.0%	388612	< 5	< 5	0.0%								
Ti	388598	0.210	0.175	18.2%	388612	0.48	0.48	0.0%								
Tl	388598	< 5	< 5	0.0%	388612	< 5	< 5	0.0%								
U	388598	< 50	< 50	0.0%	388612	< 50	< 50	0.0%								
V	388598	17.8	15.0	17.1%	388612	12.6	11.9	5.7%								
W	388598	< 1	< 1	0.0%	388612	< 1	< 1	0.0%								
Y	388598	22	22	0.0%	388612	36	35	2.8%								
Zn	388598	87.6	107	19.9%	388612	125	121	3.3%								
Zr	388598	89	94	5.5%	388612	54	56	3.6%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	388548	0.004	0.004	0.0%	388562	0.002	0.002	0.0%	388573	0.001	< 0.001		388587	0.016	0.017	6.1%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	388598	0.008	0.010	22.2%	388612	0.017	0.011									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP5G)				CRM #3 (ref.GSP7M)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	2.98	98%	90% - 110%
Al	10.95	11.28	103%	90% - 110%	8.17	8.33	102%	90% - 110%	6.96	7.08	102%	90% - 110%	4.75	4.89	103%	90% - 110%
As					26	25	97%	90% - 110%	124	120	97%	90% - 110%				
Ba	340	335	99%	90% - 110%	540	514	95%	90% - 110%	186	178	96%	90% - 110%	216	213	99%	90% - 110%
Be	2.6	2.6	101%	90% - 110%	4.0	3.1	77%	90% - 110%								
Ca	5.72	5.74	100%	90% - 110%	0.907	0.874	96%	90% - 110%	4.01	3.85	96%	90% - 110%	10	9	91%	90% - 110%
Ce	122	114	93%	90% - 110%	98	99	101%	90% - 110%	24	21	89%	90% - 110%				
Co									22.1	21.7	98%	90% - 110%	191	173	91%	90% - 110%
Cr					60.3	60.4	100%	90% - 110%					670	620	92%	90% - 110%
Cu	7	6	80%	90% - 110%	150	154	102%	90% - 110%	88.6	87.2	98%	90% - 110%	7120	7140	100%	90% - 110%
Fe	4.34	4.12	95%	90% - 110%	3.77	3.59	95%	90% - 110%	7.56	7.18	95%	90% - 110%	12.71	11.49	90%	90% - 110%
Ga	35	32	91%	90% - 110%												
K	1.37	1.44	105%	90% - 110%					2.021	2.06	102%	90% - 110%	0.1021	0.106	104%	90% - 110%
La	58	54	92%	90% - 110%	44	44	101%	90% - 110%					8.47	9.76	115%	90% - 110%
Li	37	41	110%	90% - 110%	47	48	103%	90% - 110%								
Mg	0.325	0.305	94%	90% - 110%	1.10	1.05	95%	90% - 110%	2.412	2.359	98%	90% - 110%	7.41	6.94	94%	90% - 110%
Mn					780	729	93%	90% - 110%	1510	1404	93%	90% - 110%				
Mo					14	13	94%	90% - 110%								
Na	5.267	5.372	102%	90% - 110%	1.624	1.674	103%	90% - 110%	0.617	0.626	101%	90% - 110%	0.112	0.116	104%	90% - 110%
Ni					32	31	96%	90% - 110%	77.1	70.5	91%	90% - 110%	2480	2071	84%	90% - 110%
P					750	733	98%	90% - 110%	892	906	102%	90% - 110%	731	663	91%	90% - 110%
Pb					31	23	74%	90% - 110%								
S									0.348	0.32	92%	90% - 110%				
Sc	1.1	0.9	77%	90% - 110%	12	13	107%	90% - 110%					21.33	21.32	100%	90% - 110%
Sr	1191	1192	100%	90% - 110%	144	154	107%	90% - 110%	92.8	90.8	98%	90% - 110%	39	37	95%	90% - 110%
Ti	0.172	0.17	99%	90% - 110%	0.53	0.49	92%	90% - 110%					0.419	0.401	96%	90% - 110%
V	8	6	79%	90% - 110%	77	80	103%	90% - 110%					158	150	95%	90% - 110%
Y	119	121	101%	90% - 110%									12.67	13.12	104%	90% - 110%
Zn	93	93	100%	90% - 110%	130	120	92%	90% - 110%	208	200	96%	90% - 110%	112	102	91%	90% - 110%
Zr													35.7	34.1	95%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP5G)				CRM #3 (ref.GSP7M)				CRM #4 (ref.GS5W)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.67	97%	90% - 110%	0.562	0.572	102%	90% - 110%	0.725	0.797	110%	90% - 110%	5.27	5.17	98%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00714  
 SAMPLING SITE:

AGAT WORK ORDER: 19T498607  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00715

AGAT WORK ORDER: 19T498609

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Aug 13, 2019

PAGES (INCLUDING COVER): 13

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

# Certificate of Analysis

AGAT WORK ORDER: 19T498609

PROJECT: AGAT00715

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 13, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
RDL:	0.01
D64577 (388620)	2.31
D64578 (388621)	2.31
D64579 (388622)	2.33
D64580 (388623)	2.33
D64581 (388624)	2.29
D64582 (388625)	2.32
D64583 (388626)	1.08
D64584 (388627)	0.72
D64585 (388628)	1.58
D64586 (388629)	0.07
D64587 (388630)	1.88
D64588 (388631)	1.12
D64589 (388632)	2.11
D64590 (388633)	2.20
D64591 (388634)	2.23
D64592 (388635)	0.58
D64593 (388636)	2.17
D64594 (388637)	0.79
D64595 (388638)	1.64
D64596 (388639)	1.61
D64597 (388640)	1.11
D64598 (388641)	1.10
D64599 (388642)	0.96
D64600 (388643)	0.57
D64601 (388644)	2.38
D64602 (388645)	2.10
D64603 (388646)	2.07
D64604 (388647)	2.26

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T498609

PROJECT: AGAT00715

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 13, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D64577 (388620)		<0.5	7.30	<1	291	<0.5	<1	3.96	<0.5	44	12.5	203	19.5	7.79	23
D64578 (388621)		<0.5	7.48	<1	302	<0.5	<1	4.14	<0.5	43	12.4	207	19.2	8.10	23
D64579 (388622)		<0.5	7.21	<1	301	0.6	<1	3.65	<0.5	47	12.3	199	4.6	7.67	23
D64580 (388623)		<0.5	7.41	<1	290	0.7	<1	3.98	<0.5	46	13.8	203	34.6	8.00	22
D64581 (388624)		<0.5	7.19	<1	315	0.6	<1	3.67	<0.5	44	10.3	188	41.0	6.97	22
D64582 (388625)		0.5	7.19	<1	348	0.7	<1	3.47	<0.5	43	9.2	169	45.3	6.44	21
D64583 (388626)		0.6	7.51	<1	283	0.7	<1	4.09	<0.5	33	9.4	180	95.7	7.33	22
D64584 (388627)		<0.5	7.26	<1	1940	0.7	<1	1.59	<0.5	15	2.6	147	15.4	1.01	16
D64585 (388628)		0.7	7.67	<1	326	0.7	<1	3.58	<0.5	38	13.7	147	220	5.98	23
D64586 (388629)		<0.5	7.41	<1	145	<0.5	<1	6.89	<0.5	5	41.0	180	158	8.13	19
D64587 (388630)		0.6	7.34	<1	397	0.5	<1	2.84	<0.5	41	11.8	179	105	4.08	21
D64588 (388631)		0.7	6.91	<1	2560	0.7	<1	1.51	<0.5	14	3.5	112	38.5	0.78	13
D64589 (388632)		<0.5	6.52	<1	3200	0.6	<1	1.32	<0.5	4	3.0	122	12.0	0.81	12
D64590 (388633)		0.7	7.36	<1	470	0.5	<1	2.94	<0.5	37	30.0	165	273	4.56	21
D64591 (388634)		0.6	7.42	<1	401	0.6	<1	3.55	<0.5	40	16.6	188	521	4.38	20
D64592 (388635)		<0.5	0.20	2	18	<0.5	<1	30.3	<0.5	<1	1.3	18.4	5.0	0.18	6
D64593 (388636)		0.6	7.70	<1	382	0.7	<1	3.47	<0.5	38	13.6	160	213	5.31	23
D64594 (388637)		<0.5	9.05	1	771	0.9	<1	2.63	<0.5	8	4.8	145	34.7	2.04	21
D64595 (388638)		<0.5	8.35	<1	309	0.5	<1	6.07	<0.5	19	29.9	171	11.3	6.98	23
D64596 (388639)		<0.5	7.72	<1	381	<0.5	<1	4.09	<0.5	31	12.3	124	73.7	5.09	22
D64597 (388640)		<0.5	8.22	<1	673	<0.5	<1	5.30	<0.5	14	31.1	159	42.7	7.67	25
D64598 (388641)		<0.5	8.57	<1	714	<0.5	<1	5.42	<0.5	14	28.6	146	46.4	7.85	25
D64599 (388642)		<0.5	3.86	<1	5585	0.7	<1	6.76	<0.5	120	31.3	196	124	7.37	17
D64600 (388643)		0.8	7.11	<1	839	2.2	<1	3.14	<0.5	61	9.3	131	68.0	4.46	17
D64601 (388644)		0.9	2.96	<1	1450	2.2	<1	7.81	<0.5	173	58.6	644	141	9.20	18
D64602 (388645)		0.9	7.06	<1	349	0.8	<1	3.60	<0.5	49	16.3	172	438	5.33	20
D64603 (388646)		0.9	7.42	<1	332	0.6	<1	3.09	<0.5	38	12.8	154	401	4.89	21
D64604 (388647)		0.8	7.53	<1	243	<0.5	<1	2.99	<0.5	39	11.9	181	212	5.02	22

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T498609

PROJECT: AGAT00715

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 13, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D64577 (388620)		<1	1.07	20	13	0.85	1570	15.6	1.24	4.4	1430	<20	<50	0.20	<1
D64578 (388621)		<1	1.08	20	13	0.86	1620	15.9	1.29	3.8	1500	<20	<50	0.21	<1
D64579 (388622)		<1	1.16	21	15	0.90	1620	12.3	1.32	3.8	1360	<20	<50	0.06	<1
D64580 (388623)		<1	1.07	21	12	0.94	1810	15.2	1.48	6.5	1280	<20	<50	0.41	<1
D64581 (388624)		<1	1.07	20	14	0.97	1510	12.6	1.65	3.6	1070	<20	<50	0.80	<1
D64582 (388625)		<1	1.07	20	14	0.97	1530	14.4	1.85	5.1	902	<20	<50	0.97	<1
D64583 (388626)		<1	1.05	16	10	1.14	1650	11.8	2.18	7.8	826	<20	<50	0.91	<1
D64584 (388627)		<1	2.89	7	6	0.17	150	15.4	3.21	2.1	87	<20	<50	0.09	<1
D64585 (388628)		<1	1.22	18	15	1.13	1160	11.2	2.38	12.5	836	<20	<50	0.85	<1
D64586 (388629)		<1	0.21	5	12	4.32	1390	<0.5	2.30	88.7	383	<20	<50	0.16	<1
D64587 (388630)		<1	1.31	19	18	1.04	935	13.1	2.33	11.8	782	<20	<50	0.35	<1
D64588 (388631)		<1	2.54	9	3	0.12	83	14.8	2.47	2.0	27	<20	<50	0.14	<1
D64589 (388632)		<1	2.83	3	4	0.15	95	14.7	2.11	3.2	42	<20	<50	0.05	4
D64590 (388633)		<1	1.49	18	23	1.28	867	12.1	2.27	32.8	842	<20	<50	0.69	<1
D64591 (388634)		<1	0.90	19	15	1.16	1030	15.9	2.34	16.4	834	<20	<50	0.84	<1
D64592 (388635)		<1	0.04	<2	1	3.31	70	0.8	0.08	<0.5	109	<20	<50	0.03	2
D64593 (388636)		<1	1.25	18	19	1.27	1250	14.5	2.38	15.4	841	<20	<50	0.37	<1
D64594 (388637)		<1	1.18	6	14	0.54	227	11.7	3.62	6.2	31	<20	<50	0.07	<1
D64595 (388638)		<1	0.86	10	13	2.71	1380	6.8	2.26	39.0	583	<20	<50	0.04	<1
D64596 (388639)		<1	1.36	15	19	1.62	1110	8.0	2.23	12.9	777	<20	<50	0.16	<1
D64597 (388640)		<1	1.54	9	13	2.84	1100	5.9	2.36	39.2	484	<20	<50	0.13	<1
D64598 (388641)		<1	1.63	8	14	2.94	1130	3.4	2.46	37.4	466	<20	<50	0.14	<1
D64599 (388642)		<1	4.43	57	6	3.53	1390	2.2	0.96	87.8	2280	<20	<50	0.29	<1
D64600 (388643)		<1	0.97	28	18	1.11	2680	7.8	3.91	25.4	651	<20	<50	0.32	<1
D64601 (388644)		<1	2.45	84	21	8.76	1600	<0.5	1.79	399	2500	<20	<50	0.24	<1
D64602 (388645)		<1	0.93	22	19	1.61	1390	6.7	3.35	46.2	961	<20	<50	0.35	<1
D64603 (388646)		<1	0.76	17	12	1.16	1150	10.5	2.70	13.4	854	<20	<50	0.22	<1
D64604 (388647)		<1	0.86	18	12	1.07	1130	14.8	2.51	13.8	827	<20	<50	0.12	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T498609

PROJECT: AGAT00715

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CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 13, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D64577 (388620)	20	<10	<5	139	<10	<10	<5	0.64	<5	<50	6.3	<1	42	141
D64578 (388621)	20	<10	<5	145	<10	<10	<5	0.67	<5	<50	6.4	<1	44	146
D64579 (388622)	20	<10	<5	127	<10	<10	<5	0.54	<5	<50	7.6	<1	45	136
D64580 (388623)	19	<10	<5	146	<10	<10	<5	0.56	<5	<50	8.8	<1	45	141
D64581 (388624)	17	<10	<5	151	<10	<10	<5	0.51	<5	<50	9.7	<1	42	151
D64582 (388625)	16	<10	<5	156	<10	<10	<5	0.45	<5	<50	12.4	<1	39	131
D64583 (388626)	16	<10	<5	165	<10	<10	<5	0.46	<5	<50	24.6	<1	35	162
D64584 (388627)	2	<10	<5	272	<10	<10	<5	0.10	<5	<50	10.3	<1	5	22.6
D64585 (388628)	18	<10	<5	181	<10	<10	<5	0.49	<5	<50	48.0	<1	31	193
D64586 (388629)	46	<10	<5	114	<10	<10	<5	0.70	<5	<50	313	<1	23	79.6
D64587 (388630)	17	<10	<5	195	<10	<10	<5	0.46	<5	<50	42.8	<1	29	196
D64588 (388631)	1	<10	<5	388	<10	<10	<5	0.05	<5	<50	4.8	<1	2	23.4
D64589 (388632)	1	<10	<5	372	<10	<10	<5	0.06	<5	<50	7.0	<1	1	24.2
D64590 (388633)	16	<10	<5	213	<10	<10	<5	0.52	<5	<50	77.0	<1	28	208
D64591 (388634)	17	<10	<5	273	<10	<10	<5	0.47	<5	<50	48.9	<1	33	132
D64592 (388635)	<1	<10	<5	63	<10	<10	<5	0.02	<5	<50	3.1	<1	3	5.3
D64593 (388636)	17	<10	<5	265	<10	<10	<5	0.46	<5	<50	47.8	<1	28	157
D64594 (388637)	2	<10	<5	510	<10	<10	<5	0.20	<5	<50	16.4	<1	1	48.4
D64595 (388638)	32	<10	<5	279	<10	<10	<5	0.58	<5	<50	245	<1	19	89.8
D64596 (388639)	20	<10	<5	249	<10	<10	<5	0.48	<5	<50	87.9	<1	26	75.2
D64597 (388640)	29	<10	<5	280	<10	<10	<5	0.65	<5	<50	216	<1	15	114
D64598 (388641)	28	<10	<5	299	<10	<10	<5	0.67	<5	<50	210	<1	15	119
D64599 (388642)	45	<10	<5	564	<10	<10	<5	0.94	<5	<50	322	<1	10	113
D64600 (388643)	15	<10	<5	423	<10	<10	<5	0.35	<5	<50	42.2	<1	35	207
D64601 (388644)	24	<10	<5	939	<10	<10	<5	1.72	<5	<50	253	<1	38	104
D64602 (388645)	18	<10	<5	259	<10	<10	<5	0.54	<5	<50	62.1	<1	31	86.2
D64603 (388646)	18	<10	<5	175	<10	<10	<5	0.48	<5	<50	58.6	<1	29	75.8
D64604 (388647)	18	<10	<5	172	<10	<10	<5	0.49	<5	<50	54.0	<1	29	84.7

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T498609

PROJECT: AGAT00715

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 13, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D64577 (388620)				64
D64578 (388621)				63
D64579 (388622)				87
D64580 (388623)				92
D64581 (388624)				119
D64582 (388625)				131
D64583 (388626)				132
D64584 (388627)				57
D64585 (388628)				143
D64586 (388629)				57
D64587 (388630)				180
D64588 (388631)				171
D64589 (388632)				83
D64590 (388633)				166
D64591 (388634)				143
D64592 (388635)				<5
D64593 (388636)				145
D64594 (388637)				31
D64595 (388638)				23
D64596 (388639)				93
D64597 (388640)				24
D64598 (388641)				22
D64599 (388642)				34
D64600 (388643)				168
D64601 (388644)				248
D64602 (388645)				185
D64603 (388646)				198
D64604 (388647)				180

Comments: RDL - Reported Detection Limit

388620-388647 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T498609

PROJECT: AGAT00715

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 13, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D64577 (388620)			0.007
D64578 (388621)			0.005
D64579 (388622)			0.001
D64580 (388623)			0.003
D64581 (388624)			0.004
D64582 (388625)			0.005
D64583 (388626)			0.004
D64584 (388627)			<0.001
D64585 (388628)			0.016
D64586 (388629)			0.534
D64587 (388630)			0.007
D64588 (388631)			0.002
D64589 (388632)			0.001
D64590 (388633)			0.006
D64591 (388634)			0.017
D64592 (388635)			<0.001
D64593 (388636)			0.005
D64594 (388637)			0.002
D64595 (388638)			0.002
D64596 (388639)			0.002
D64597 (388640)			0.002
D64598 (388641)			0.004
D64599 (388642)			0.002
D64600 (388643)			0.003
D64601 (388644)			0.002
D64602 (388645)			0.003
D64603 (388646)			0.001
D64604 (388647)			0.001

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T498609

PROJECT: AGAT00715

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 13, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL:
D64577 (388620)	79.67
D64596 (388639)	78.82

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T498609

PROJECT: AGAT00715

5623 McADAM ROAD  
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CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 13, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL:
D64577 (388620)	85.00

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	388620	< 0.5	< 0.5	0.0%	388634	0.64	0.71	10.4%	388645	0.94	0.98	4.2%				
Al	388620	7.30	7.29	0.1%	388634	7.42	7.69	3.6%	388645	7.06	7.39	4.6%				
As	388620	< 1	< 1	0.0%	388634	< 1	< 1	0.0%	388645	< 1	< 1	0.0%				
Ba	388620	291	292	0.3%	388634	401	407	1.5%	388645	349	359	2.8%				
Be	388620	< 0.5	< 0.5	0.0%	388634	0.6	0.6	0.0%	388645	0.83	0.86	3.6%				
Bi	388620	< 1	< 1	0.0%	388634	< 1	< 1	0.0%	388645	< 1	< 1	0.0%				
Ca	388620	3.96	3.96	0.0%	388634	3.55	3.58	0.8%	388645	3.60	3.68	2.2%				
Cd	388620	< 0.5	< 0.5	0.0%	388634	< 0.5	< 0.5	0.0%	388645	< 0.5	< 0.5	0.0%				
Ce	388620	44	42	4.7%	388634	40	38	5.1%	388645	49	46	6.3%				
Co	388620	12.5	12.7	1.6%	388634	16.6	16.1	3.1%	388645	16.3	17.0	4.2%				
Cr	388620	203	224	9.8%	388634	188	176	6.6%	388645	172	172	0.0%				
Cu	388620	19.5	20.7	6.0%	388634	521	539	3.4%	388645	438	466	6.2%				
Fe	388620	7.79	7.85	0.8%	388634	4.38	4.48	2.3%	388645	5.33	5.40	1.3%				
Ga	388620	23	22	4.4%	388634	20	21	4.9%	388645	20	21	4.9%				
In	388620	< 1	< 1	0.0%	388634	< 1	< 1	0.0%	388645	< 1	< 1	0.0%				
K	388620	1.07	1.07	0.0%	388634	0.904	0.946	4.5%	388645	0.933	0.983	5.2%				
La	388620	20	19	5.1%	388634	19	18	5.4%	388645	22	22	0.0%				
Li	388620	13	13	0.0%	388634	15	16	6.5%	388645	19	20	5.1%				
Mg	388620	0.85	0.85	0.0%	388634	1.16	1.18	1.7%	388645	1.61	1.68	4.3%				
Mn	388620	1570	1590	1.3%	388634	1030	1060	2.9%	388645	1390	1420	2.1%				
Mo	388620	15.6	14.4	8.0%	388634	15.9	16.0	0.6%	388645	6.7	8.1	18.9%				
Na	388620	1.24	1.23	0.8%	388634	2.34	2.37	1.3%	388645	3.35	3.40	1.5%				
Ni	388620	4.4	4.4	0.0%	388634	16.4	16.2	1.2%	388645	46.2	48.5	4.9%				
P	388620	1430	1440	0.7%	388634	834	809	3.0%	388645	961	987	2.7%				
Pb	388620	< 20	< 20	0.0%	388634	< 20	< 20	0.0%	388645	< 20	< 20	0.0%				
Rb	388620	< 50	< 50	0.0%	388634	< 50	< 50	0.0%	388645	< 50	< 50	0.0%				
S	388620	0.204	0.207	1.5%	388634	0.84	0.86	2.4%	388645	0.35	0.35	0.0%				
Sb	388620	< 1	< 1	0.0%	388634	< 1	< 1	0.0%	388645	< 1	< 1	0.0%				
Sc	388620	20	20	0.0%	388634	17	17	0.0%	388645	18	18	0.0%				
Se	388620	< 10	< 10	0.0%	388634	< 10	< 10	0.0%	388645	< 10	< 10	0.0%				
Sn	388620	< 5	< 5	0.0%	388634	< 5	< 5	0.0%	388645	< 5	< 5	0.0%				





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	388620	139	138	0.7%	388634	273	275	0.7%	388645	259	265	2.3%				
Ta	388620	< 10	< 10	0.0%	388634	< 10	< 10	0.0%	388645	< 10	< 10	0.0%				
Te	388620	< 10	< 10	0.0%	388634	< 10	< 10	0.0%	388645	< 10	< 10	0.0%				
Th	388620	< 5	< 5	0.0%	388634	< 5	< 5	0.0%	388645	< 5	< 5	0.0%				
Ti	388620	0.639	0.646	1.1%	388634	0.47	0.47	0.0%	388645	0.54	0.55	1.8%				
Tl	388620	< 5	< 5	0.0%	388634	< 5	< 5	0.0%	388645	< 5	< 5	0.0%				
U	388620	< 50	< 50	0.0%	388634	< 50	< 50	0.0%	388645	< 50	< 50	0.0%				
V	388620	6.30	6.78	7.3%	388634	48.9	48.3	1.2%	388645	62.1	64.4	3.6%				
W	388620	< 1	< 1	0.0%	388634	< 1	< 1	0.0%	388645	< 1	< 1	0.0%				
Y	388620	42	43	2.4%	388634	33	32	3.1%	388645	31	30	3.3%				
Zn	388620	141	145	2.8%	388634	132	134	1.5%	388645	86.2	85.9	0.3%				
Zr	388620	64	66	3.1%	388634	143	136	5.0%	388645	185	185	0.0%				

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Au	388620	0.007	0.002		388634	0.017	0.017	0.0%	388645	0.0026	0.0023	12.2%				



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.WMG-1a)										
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits							
Ag					3.03	3.29	108%	90% - 110%							
Al	10.95	10.79	99%	90% - 110%	4.75	4.91	103%	90% - 110%							
Ba	340	329	97%	90% - 110%	216	216	100%	90% - 110%							
Be	2.6	2.5	96%	90% - 110%											
Ca	5.72	5.54	97%	90% - 110%	10	9	93%	90% - 110%							
Ce	122	114	93%	90% - 110%											
Co					191	174	91%	90% - 110%							
Cr	12	11	91%	90% - 110%	670	672	100%	90% - 110%							
Cu	7	7	100%	90% - 110%	7120	7076	99%	90% - 110%							
Fe	4.34	4.08	94%	90% - 110%	12.71	11.89	94%	90% - 110%							
Ga	35	33	95%	90% - 110%											
K	1.37	1.42	104%	90% - 110%	0.1021	0.1087	107%	90% - 110%							
La	58	53	91%	90% - 110%	8.47	8.66	102%	90% - 110%							
Li	37	36	97%	90% - 110%											
Mg	0.325	0.302	93%	90% - 110%	7.41	7.19	97%	90% - 110%							
Na	5.267	5.338	101%	90% - 110%	0.112	0.119	107%	90% - 110%							
Ni					2480	2275	91%	90% - 110%							
P					731	668	91%	90% - 110%							
Sc	1.1	0.9	80%	90% - 110%	21.33	21.71	102%	90% - 110%							
Sr	1191	1157	97%	90% - 110%	39	37	96%	90% - 110%							
Ti	0.172	0.167	97%	90% - 110%	0.419	0.415	99%	90% - 110%							
V	8	6	76%	90% - 110%	158	158	100%	90% - 110%							
Y	119	122	102%	90% - 110%	12.67	13.37	106%	90% - 110%							
Zn	93	94	101%	90% - 110%	112	108	96%	90% - 110%							
Zr					35.7	37.7	106%	90% - 110%							

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)										
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits							
Au	5.27	5.56	106%	90% - 110%	6.87	6.9	100%	90% - 110%							

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00715  
 SAMPLING SITE:

AGAT WORK ORDER: 19T498609  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00716

AGAT WORK ORDER: 19T498610

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Aug 15, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T498610

PROJECT: AGAT00716

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D63753 (388648)		2.58
D63754 (388649)		2.25
D63755 (388650)		2.39
D63756 (388651)		2.44
D63757 (388652)		2.75
D63758 (388653)		2.75
D63759 (388654)		2.05
D63760 (388655)		2.57
D63761 (388656)		2.52
D63762 (388657)		2.53
D63763 (388658)		1.64
D63764 (388659)		2.09
D63765 (388660)		2.46
D63766 (388661)		0.07
D63767 (388662)		0.99
D63768 (388663)		0.99
D63769 (388664)		2.33
D63770 (388665)		0.97
D63771 (388666)		0.61
D63772 (388667)		0.75
D63773 (388668)		1.76
D63774 (388669)		2.00
D63775 (388670)		2.30
D63776 (388671)		2.31
D63777 (388672)		2.97
D63778 (388673)		2.97
D63779 (388674)		1.38
D63780 (388675)		1.22
D63781 (388676)		0.74
D63782 (388677)		3.11
D63783 (388678)		2.55

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T498610

PROJECT: AGAT00716

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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D63784 (388679)		2.15
D63785 (388680)		2.23
D63786 (388681)		0.07
D63787 (388682)		1.58
D63788 (388683)		1.44
D63789 (388684)		2.81
D63790 (388685)		2.23
D63791 (388686)		2.31
D63792 (388687)		0.68
D63793 (388688)		0.88
D63794 (388689)		3.59
D63795 (388690)		2.54
D63796 (388691)		1.48
D63797 (388692)		1.29
D63798 (388693)		1.29
D63799 (388694)		1.38
D63800 (388695)		3.43
D63801 (388696)		1.38
D63802 (388697)		0.79
D63803 (388698)		3.31
D63804 (388699)		3.79
D63805 (388700)		3.46
D63806 (388701)		0.07
D63807 (388702)		1.90
D63808 (388703)		1.20
D63809 (388704)		2.55
D63810 (388705)		2.04
D63811 (388706)		2.37
D63812 (388707)		0.49
D63813 (388708)		1.63
D63814 (388709)		1.75

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T498610

PROJECT: AGAT00716

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D63815 (388710)		0.94
D63816 (388711)		1.14
D63817 (388712)		1.43
D63818 (388713)		1.43
D63819 (388714)		1.59
D63820 (388715)		2.40
D63821 (388716)		2.69
D63822 (388717)		2.26
D63823 (388718)		1.28
D63824 (388719)		1.26

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T498610

PROJECT: AGAT00716

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D63753 (388648)		<0.5	7.28	<1	246	0.8	<1	4.19	<0.5	56	12.2	100	43.0	5.86	20
D63754 (388649)		<0.5	7.62	<1	442	1.3	<1	3.13	<0.5	33	7.8	108	18.6	3.90	21
D63755 (388650)		0.6	6.90	<1	440	1.8	<1	3.85	<0.5	51	12.9	169	38.5	5.69	20
D63756 (388651)		<0.5	7.64	<1	334	0.9	<1	3.50	<0.5	64	10.9	99.2	18.2	5.94	21
D63757 (388652)		0.7	7.34	<1	211	1.0	<1	2.32	<0.5	59	10.4	146	38.9	5.34	23
D63758 (388653)		0.6	7.42	<1	216	1.0	<1	2.32	<0.5	56	9.2	132	39.9	5.41	22
D63759 (388654)		<0.5	5.24	<1	10	<0.5	<1	4.23	<0.5	12	69.1	1180	<0.5	7.30	14
D63760 (388655)		<0.5	7.02	<1	165	<0.5	<1	4.19	<0.5	12	52.6	737	43.6	7.45	16
D63761 (388656)		<0.5	6.14	<1	158	<0.5	<1	4.12	<0.5	30	63.8	1060	34.2	7.48	14
D63762 (388657)		<0.5	6.17	<1	87	<0.5	<1	4.46	<0.5	14	60.7	1010	58.8	7.04	15
D63763 (388658)		<0.5	6.61	<1	92	0.6	<1	4.39	<0.5	19	48.0	718	99.2	6.68	16
D63764 (388659)		<0.5	2.49	<1	961	3.8	<1	9.09	<0.5	161	68.3	547	117	9.38	18
D63765 (388660)		0.5	7.28	<1	329	1.1	<1	2.96	<0.5	61	14.8	137	22.1	3.76	18
D63766 (388661)		<0.5	7.52	6	79	<0.5	<1	7.09	<0.5	5	40.3	196	159	7.14	17
D63767 (388662)		<0.5	8.47	<1	149	0.7	<1	5.79	<0.5	22	36.9	307	47.4	6.39	23
D63768 (388663)		<0.5	7.94	<1	186	0.8	<1	5.24	<0.5	27	29.3	265	36.2	5.47	21
D63769 (388664)		<0.5	7.71	<1	290	0.7	<1	2.74	<0.5	55	14.0	126	25.1	3.70	19
D63770 (388665)		0.6	7.45	<1	319	0.7	<1	2.13	<0.5	52	13.0	150	39.1	3.46	17
D63771 (388666)		0.5	3.87	<1	287	0.7	<1	1.42	<0.5	30	14.8	171	29.2	1.99	11
D63772 (388667)		<0.5	0.07	<1	27	<0.5	<1	29.5	<0.5	<1	1.3	12.0	<0.5	0.10	5
D63773 (388668)		<0.5	7.72	<1	240	1.3	<1	3.23	<0.5	77	16.6	147	46.1	3.89	19
D63774 (388669)		0.6	7.45	<1	363	1.0	<1	2.75	<0.5	64	12.5	116	22.5	3.35	18
D63775 (388670)		0.7	7.80	<1	298	0.7	<1	2.78	<0.5	54	14.8	146	45.5	3.82	19
D63776 (388671)		0.6	7.35	1	316	0.8	<1	2.26	<0.5	54	11.0	122	16.8	3.18	18
D63777 (388672)		<0.5	7.03	<1	386	1.5	<1	4.08	<0.5	62	21.6	273	28.1	4.33	18
D63778 (388673)		<0.5	7.01	<1	375	1.6	<1	4.02	<0.5	62	21.4	279	27.8	4.19	18
D63779 (388674)		<0.5	6.36	<1	424	1.6	<1	5.84	<0.5	36	33.0	226	68.2	5.77	16
D63780 (388675)		<0.5	7.89	<1	300	0.9	<1	1.40	<0.5	33	23.1	259	40.7	4.53	20
D63781 (388676)		<0.5	8.36	<1	43	<0.5	<1	5.18	<0.5	16	34.3	316	65.4	6.14	20
D63782 (388677)		<0.5	7.42	<1	486	2.2	<1	4.74	<0.5	31	26.0	245	58.9	4.73	18
D63783 (388678)		<0.5	7.45	<1	305	2.9	<1	4.89	<0.5	16	28.9	234	59.3	4.93	17
D63784 (388679)		<0.5	7.05	<1	368	0.8	<1	2.60	<0.5	67	6.6	123	18.6	3.62	17

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T498610

PROJECT: AGAT00716

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D63785 (388680)		0.6	7.66	<1	363	0.7	<1	2.72	<0.5	48	8.4	108	8.4	3.43	18
D63786 (388681)		<0.5	7.37	<1	138	<0.5	<1	6.83	<0.5	6	45.5	192	157	7.95	19
D63787 (388682)		0.5	7.52	<1	332	0.9	<1	2.45	<0.5	53	10.2	150	17.6	3.59	18
D63788 (388683)		<0.5	6.37	<1	376	0.6	<1	1.67	<0.5	37	9.5	138	31.5	2.76	13
D63789 (388684)		0.5	7.47	<1	254	0.8	<1	2.40	<0.5	51	16.2	163	51.7	3.46	19
D63790 (388685)		<0.5	6.58	<1	54	0.7	<1	4.76	<0.5	15	53.6	676	142	6.57	15
D63791 (388686)		<0.5	6.51	<1	130	0.8	<1	4.43	<0.5	24	57.5	843	125	6.57	14
D63792 (388687)		<0.5	0.07	1	14	<0.5	<1	31.9	<0.5	<1	1.1	9.7	<0.5	0.08	<5
D63793 (388688)		<0.5	8.51	6	413	1.2	<1	2.10	<0.5	20	10.0	86.1	51.0	1.78	20
D63794 (388689)		<0.5	5.08	<1	68	0.6	<1	4.22	<0.5	11	75.3	1110	34.6	7.63	12
D63795 (388690)		<0.5	4.97	<1	31	2.3	<1	4.34	<0.5	13	79.7	1090	<0.5	7.97	10
D63796 (388691)		<0.5	7.36	<1	140	0.9	<1	4.86	<0.5	19	46.4	511	68.0	7.07	18
D63797 (388692)		<0.5	7.59	<1	261	0.9	<1	2.95	<0.5	52	6.8	116	29.5	2.94	22
D63798 (388693)		<0.5	7.49	<1	243	0.9	<1	2.95	<0.5	46	6.2	107	30.4	2.86	21
D63799 (388694)		<0.5	8.06	<1	149	1.0	<1	3.40	<0.5	11	12.3	136	46.9	2.53	19
D63800 (388695)		<0.5	7.67	<1	109	1.1	<1	7.69	<0.5	10	45.2	251	104	7.44	17
D63801 (388696)		<0.5	7.72	<1	86	0.7	<1	7.49	<0.5	9	42.2	221	99.3	7.05	18
D63802 (388697)		<0.5	7.93	<1	243	0.8	<1	2.69	<0.5	31	8.2	101	19.3	3.09	20
D63803 (388698)		<0.5	7.99	<1	106	<0.5	<1	7.90	<0.5	10	46.7	259	108	7.78	18
D63804 (388699)		<0.5	8.21	<1	101	<0.5	<1	8.24	<0.5	9	44.2	271	113	7.82	17
D63805 (388700)		<0.5	8.28	<1	102	<0.5	<1	7.84	<0.5	10	50.3	216	112	7.88	20
D63806 (388701)		<0.5	7.60	<1	187	<0.5	<1	6.46	<0.5	18	42.0	194	110	7.75	20
D63807 (388702)		<0.5	7.75	<1	86	<0.5	<1	6.89	<0.5	19	42.4	215	106	7.19	19
D63808 (388703)		0.5	7.07	<1	182	0.5	<1	3.03	<0.5	49	9.1	87.9	34.5	2.92	21
D63809 (388704)		<0.5	7.77	<1	201	0.6	<1	3.74	<0.5	41	23.8	260	21.6	4.61	18
D63810 (388705)		0.5	7.07	<1	383	1.6	<1	3.05	<0.5	60	17.2	202	4.9	3.66	18
D63811 (388706)		0.6	7.61	<1	292	1.0	<1	2.53	<0.5	59	11.5	120	2.0	3.54	18
D63812 (388707)		<0.5	0.07	<1	14	<0.5	<1	31.7	<0.5	<1	1.4	7.8	<0.5	0.09	5
D63813 (388708)		0.6	7.57	<1	248	0.9	<1	2.67	<0.5	50	10.1	102	6.8	2.87	20
D63814 (388709)		<0.5	7.90	<1	326	0.9	<1	3.46	<0.5	45	22.2	219	45.7	4.51	19
D63815 (388710)		<0.5	7.37	<1	273	<0.5	<1	1.45	<0.5	44	16.8	121	22.7	4.08	14
D63816 (388711)		<0.5	6.81	<1	517	0.7	<1	1.77	<0.5	23	8.2	197	53.9	3.08	12

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T498610

PROJECT: AGAT00716

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
		0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5
D63817 (388712)		<0.5	7.20	<1	318	1.1	<1	2.54	<0.5	42	14.5	260	38.0	3.44	18
D63818 (388713)		<0.5	7.06	1	308	1.0	<1	2.39	<0.5	39	12.9	265	37.1	3.27	18
D63819 (388714)		0.7	8.23	<1	217	1.8	<1	2.52	<0.5	23	8.5	175	37.0	2.89	19
D63820 (388715)		5.7	8.97	7	291	2.0	<1	3.10	<0.5	34	9.0	115	28.8	2.23	21
D63821 (388716)		0.8	7.15	1	825	1.0	<1	2.01	<0.5	34	6.2	145	29.2	1.84	14
D63822 (388717)		<0.5	7.68	2	609	1.1	<1	2.47	<0.5	22	6.5	145	43.3	2.34	17
D63823 (388718)		<0.5	7.94	<1	170	1.1	<1	2.13	<0.5	19	6.1	138	12.6	1.62	18
D63824 (388719)		<0.5	7.78	<1	527	1.4	<1	3.74	<0.5	11	27.9	441	62.0	5.91	19

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DATE SAMPLED: Jul 28, 2019

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SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D63753 (388648)		<1	1.09	24	11	0.74	1180	7.4	1.91	6.7	1010	<20	<50	0.13	<1
D63754 (388649)		<1	1.56	15	14	0.69	810	7.0	2.74	8.1	613	<20	<50	0.06	<1
D63755 (388650)		<1	1.39	22	33	1.89	1310	7.3	2.18	32.3	841	<20	<50	0.16	<1
D63756 (388651)		<1	1.28	28	27	1.35	1260	6.5	2.24	19.0	927	<20	<50	0.10	<1
D63757 (388652)		<1	1.00	25	22	1.31	715	10.0	2.78	21.1	987	<20	<50	0.64	<1
D63758 (388653)		<1	0.99	24	22	1.30	710	8.6	2.80	18.3	902	<20	<50	0.67	<1
D63759 (388654)		<1	0.20	7	76	10.2	988	1.3	1.19	735	341	<20	<50	0.01	<1
D63760 (388655)		<1	0.50	7	42	6.80	1150	1.6	2.00	361	415	<20	<50	0.18	<1
D63761 (388656)		<1	0.69	14	69	8.86	1170	0.8	1.52	587	670	<20	<50	0.17	<1
D63762 (388657)		<1	0.47	7	55	8.58	1130	1.3	1.72	535	424	<20	<50	0.19	<1
D63763 (388658)		<1	0.52	10	68	7.18	1120	1.3	2.54	338	440	<20	<50	0.39	<1
D63764 (388659)		<1	2.06	72	26	9.03	1460	<0.5	0.91	404	2570	<20	<50	0.16	<1
D63765 (388660)		<1	1.26	27	39	1.85	454	6.9	3.40	49.4	1260	<20	<50	0.22	<1
D63766 (388661)		<1	0.25	5	14	4.29	1260	<0.5	1.63	96.1	314	<20	<50	0.20	<1
D63767 (388662)		<1	0.43	11	26	3.60	966	2.6	2.74	165	635	<20	<50	0.79	<1
D63768 (388663)		<1	0.97	13	35	3.31	911	6.2	2.91	132	606	<20	<50	0.77	<1
D63769 (388664)		<1	0.93	24	26	1.50	425	7.9	3.04	30.1	628	<20	<50	0.74	<1
D63770 (388665)		<1	0.76	22	18	1.36	388	8.8	3.26	33.5	439	<20	<50	1.04	<1
D63771 (388666)		<1	0.39	13	14	0.54	118	15.3	1.72	32.0	360	<20	<50	0.65	<1
D63772 (388667)		3	0.02	<2	1	3.26	49	0.6	0.04	0.5	76	<20	<50	0.01	3
D63773 (388668)		<1	1.04	34	36	1.96	573	7.7	3.34	54.9	938	<20	<50	0.72	<1
D63774 (388669)		<1	1.03	28	40	1.31	476	7.2	3.12	26.9	717	<20	<50	0.36	<1
D63775 (388670)		<1	1.02	23	36	1.66	474	9.3	3.29	40.9	578	<20	<50	0.99	<1
D63776 (388671)		<1	1.17	23	42	1.23	392	8.4	3.05	23.3	552	<20	<50	0.32	<1
D63777 (388672)		<1	0.87	26	71	3.09	708	6.0	3.26	77.6	1140	<20	<50	0.95	<1
D63778 (388673)		<1	0.90	27	73	3.05	699	5.7	3.19	78.4	1120	<20	<50	0.89	<1
D63779 (388674)		<1	0.89	15	180	2.60	393	3.9	4.10	139	283	<20	<50	3.61	<1
D63780 (388675)		<1	1.75	15	32	2.84	260	8.3	2.11	90.7	521	<20	<50	3.30	<1
D63781 (388676)		<1	0.39	8	16	4.43	1010	3.1	2.65	154	529	<20	<50	2.00	<1
D63782 (388677)		<1	1.06	14	130	2.98	540	4.7	3.49	87.7	704	<20	<50	2.50	2
D63783 (388678)		<1	1.28	9	123	3.33	453	3.2	3.57	114	603	<20	<50	2.02	<1
D63784 (388679)		<1	0.96	28	68	1.69	451	8.0	3.14	26.5	542	<20	<50	0.37	<1

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T498610

PROJECT: AGAT00716

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D63785 (388680)		<1	1.10	21	41	1.53	384	7.8	2.89	23.9	500	<20	<50	0.11	<1
D63786 (388681)		<1	0.21	6	12	4.19	1350	<0.5	2.28	89.5	410	<20	<50	0.15	<1
D63787 (388682)		<1	1.37	23	49	1.62	462	8.8	3.25	25.3	541	<20	<50	0.17	<1
D63788 (388683)		<1	1.15	16	23	0.99	1510	11.4	2.82	23.1	219	<20	<50	0.26	<1
D63789 (388684)		<1	0.59	22	51	1.75	497	7.3	3.42	58.3	635	<20	<50	0.13	<1
D63790 (388685)		<1	0.38	7	67	6.91	1020	1.5	3.12	371	363	<20	<50	0.37	<1
D63791 (388686)		<1	0.58	11	58	7.69	1020	1.7	2.73	450	721	<20	<50	0.33	<1
D63792 (388687)		2	0.03	2	<1	2.16	46	<0.5	0.04	0.6	82	<20	<50	<0.01	<1
D63793 (388688)		<1	0.75	10	22	0.92	201	6.9	4.51	38.9	351	<20	<50	0.14	<1
D63794 (388689)		<1	0.32	7	94	10.3	1200	1.0	1.48	693	341	<20	<50	0.04	<1
D63795 (388690)		<1	1.58	7	97	10.7	1200	6.5	1.34	699	330	<20	<50	0.02	<1
D63796 (388691)		<1	0.97	9	48	6.09	1100	2.5	2.67	284	509	<20	<50	0.17	<1
D63797 (388692)		<1	0.98	21	16	1.01	455	8.2	2.89	15.7	582	<20	<50	0.20	<1
D63798 (388693)		<1	0.92	18	15	0.99	451	8.3	2.87	13.5	575	<20	<50	0.21	<1
D63799 (388694)		<1	0.69	7	7	1.21	386	9.0	3.48	25.0	119	<20	<50	0.21	<1
D63800 (388695)		<1	0.44	7	17	4.45	1290	3.5	2.17	84.9	246	<20	<50	0.15	<1
D63801 (388696)		<1	0.58	7	13	4.28	1260	2.0	2.37	79.6	220	<20	<50	0.16	<1
D63802 (388697)		<1	1.28	14	11	0.81	467	7.1	3.11	14.2	489	<20	<50	0.33	<1
D63803 (388698)		<1	0.40	7	8	4.85	1360	3.4	1.53	88.5	247	<20	<50	0.15	<1
D63804 (388699)		<1	0.34	7	8	4.92	1370	2.6	1.57	87.0	225	<20	<50	0.13	<1
D63805 (388700)		<1	0.40	7	9	4.85	1390	2.2	1.54	90.2	285	<20	<50	0.16	<1
D63806 (388701)		<1	0.45	11	11	4.17	1290	<0.5	2.36	105	852	<20	<50	0.09	<1
D63807 (388702)		<1	0.38	11	16	4.18	1230	2.7	1.77	77.2	345	<20	<50	0.29	<1
D63808 (388703)		<1	0.71	19	22	1.22	486	5.8	2.64	11.7	697	<20	<50	0.32	<1
D63809 (388704)		<1	0.76	18	31	3.17	768	5.0	2.88	120	499	<20	<50	0.14	<1
D63810 (388705)		<1	1.23	26	57	1.99	666	6.8	2.64	68.5	750	<20	<50	0.05	<1
D63811 (388706)		<1	1.22	26	46	1.37	529	8.4	2.64	27.9	559	<20	<50	0.03	<1
D63812 (388707)		3	0.02	<2	<1	2.30	59	<0.5	0.04	0.6	118	<20	<50	0.03	2
D63813 (388708)		<1	1.27	21	37	1.13	398	7.1	2.73	20.7	499	<20	<50	0.07	<1
D63814 (388709)		<1	1.40	20	58	2.87	621	7.0	2.58	81.0	657	<20	<50	0.70	<1
D63815 (388710)		<1	0.52	18	6	0.07	58	10.5	3.79	50.4	486	<20	<50	4.03	<1
D63816 (388711)		<1	1.55	12	3	0.04	58	13.5	3.07	26.4	87	<20	<50	1.91	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T498610

PROJECT: AGAT00716

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 28, 2019	DATE RECEIVED: Jul 29, 2019					DATE REPORTED: Aug 15, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D63817 (388712)	<1	1.23	19	55	0.93	240	11.7	3.29	53.9	338	<20	<50	1.79	<1	
D63818 (388713)	<1	1.21	18	54	0.92	229	10.9	3.15	51.8	321	<20	<50	1.65	<1	
D63819 (388714)	<1	0.83	13	18	0.25	106	9.8	4.14	25.6	169	<20	<50	1.66	<1	
D63820 (388715)	<1	0.97	20	21	0.73	197	8.4	4.68	36.4	345	<20	<50	0.91	<1	
D63821 (388716)	<1	2.21	18	5	0.06	64	11.8	3.10	12.8	43	<20	<50	1.07	<1	
D63822 (388717)	<1	1.71	12	3	0.09	83	11.6	3.46	18.1	37	<20	<50	1.29	4	
D63823 (388718)	<1	0.87	10	11	0.55	186	10.0	3.69	20.2	79	<20	<50	0.57	<1	
D63824 (388719)	<1	2.07	6	161	3.72	854	4.9	3.10	118	441	<20	<50	2.51	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D63753 (388648)	16	<10	<5	214	<10	<10	<5	0.47	<5	<50	24.9	<1	48	193
D63754 (388649)	16	<10	<5	196	<10	<10	<5	0.31	<5	<50	55.1	<1	22	122
D63755 (388650)	19	<10	<5	235	<10	<10	<5	0.38	<5	<50	33.3	<1	41	170
D63756 (388651)	21	<10	<5	265	<10	<10	<5	0.40	<5	<50	30.8	<1	43	99.0
D63757 (388652)	18	<10	<5	178	<10	<10	<5	0.36	<5	<50	21.4	<1	41	84.6
D63758 (388653)	17	<10	<5	181	<10	<10	<5	0.36	<5	<50	19.7	<1	37	82.0
D63759 (388654)	19	<10	<5	50	<10	<10	<5	0.27	<5	<50	108	<1	10	49.9
D63760 (388655)	26	<10	<5	342	<10	<10	<5	0.42	<5	<50	158	<1	16	78.2
D63761 (388656)	22	<10	<5	198	<10	<10	<5	0.34	<5	<50	130	<1	14	91.5
D63762 (388657)	21	<10	<5	157	<10	<10	<5	0.25	<5	<50	124	<1	11	86.4
D63763 (388658)	23	<10	<5	204	<10	<10	<5	0.25	<5	<50	131	<1	15	80.8
D63764 (388659)	27	<10	<5	959	<10	<10	<5	1.61	<5	<50	239	<1	37	93.6
D63765 (388660)	14	<10	<5	230	<10	<10	<5	0.42	<5	<50	77.0	<1	24	35.3
D63766 (388661)	40	<10	<5	172	<10	<10	<5	0.58	<5	<50	258	<1	20	73.2
D63767 (388662)	27	<10	<5	194	<10	<10	<5	0.44	<5	<50	160	<1	20	64.6
D63768 (388663)	26	<10	<5	178	<10	<10	<5	0.34	<5	<50	138	<1	21	56.2
D63769 (388664)	13	<10	<5	162	<10	<10	<5	0.33	<5	<50	72.3	<1	20	34.7
D63770 (388665)	12	<10	<5	171	<10	<10	<5	0.27	<5	<50	60.1	<1	13	27.7
D63771 (388666)	6	<10	<5	257	<10	<10	<5	0.17	<5	<50	48.1	<1	10	17.2
D63772 (388667)	<1	<10	<5	63	<10	<10	<5	<0.01	<5	<50	3.2	<1	2	5.0
D63773 (388668)	16	<10	<5	348	<10	<10	<5	0.30	<5	<50	82.9	<1	21	55.6
D63774 (388669)	13	<10	<5	375	<10	<10	<5	0.29	<5	<50	63.9	<1	21	53.1
D63775 (388670)	14	<10	<5	205	<10	<10	<5	0.30	<5	<50	73.3	<1	20	42.5
D63776 (388671)	11	<10	<5	195	<10	<10	<5	0.22	<5	<50	56.0	<1	18	35.5
D63777 (388672)	20	<10	<5	317	<10	<10	<5	0.22	<5	<50	95.5	<1	20	53.9
D63778 (388673)	19	<10	<5	309	<10	<10	<5	0.23	<5	<50	94.9	<1	20	51.3
D63779 (388674)	40	<10	<5	303	<10	<10	<5	0.12	<5	<50	87.1	<1	28	45.6
D63780 (388675)	20	<10	<5	131	<10	<10	<5	0.12	<5	<50	104	<1	11	28.9
D63781 (388676)	27	<10	<5	183	<10	<10	<5	0.21	<5	<50	159	<1	17	50.8
D63782 (388677)	27	<10	<5	218	<10	<10	<5	0.10	<5	<50	100	<1	17	41.1
D63783 (388678)	33	<10	<5	202	<10	<10	<5	0.11	<5	<50	101	<1	22	43.5
D63784 (388679)	14	<10	<5	188	<10	<10	<5	0.30	<5	<50	65.2	<1	16	21.0

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T498610

PROJECT: AGAT00716

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D63785 (388680)	10	<10	<5	150	<10	<10	<5	0.31	<5	<50	54.7	<1	20	28.9
D63786 (388681)	47	<10	<5	115	<10	<10	<5	0.67	<5	<50	308	<1	23	78.3
D63787 (388682)	14	<10	<5	139	<10	<10	<5	0.29	<5	<50	60.3	<1	18	33.3
D63788 (388683)	20	<10	<5	122	<10	<10	<5	0.12	<5	<50	23.8	<1	51	15.0
D63789 (388684)	15	<10	<5	213	<10	<10	<5	0.29	<5	<50	62.2	<1	14	33.8
D63790 (388685)	27	<10	<5	170	<10	<10	<5	0.24	<5	<50	134	<1	17	67.7
D63791 (388686)	24	<10	<5	206	<10	<10	<5	0.25	<5	<50	123	<1	18	74.4
D63792 (388687)	<1	<10	<5	73	<10	<10	<5	<0.01	<5	<50	2.4	2	2	3.7
D63793 (388688)	6	<10	<5	428	<10	<10	<5	0.17	<5	<50	34.8	<1	4	48.3
D63794 (388689)	21	<10	<5	51	<10	<10	<5	0.25	<5	<50	110	<1	11	86.8
D63795 (388690)	24	<10	<5	42	<10	<10	<5	0.27	<5	<50	118	<1	12	72.2
D63796 (388691)	25	<10	<5	320	<10	<10	<5	0.39	<5	<50	147	<1	18	63.9
D63797 (388692)	15	<10	<5	177	<10	<10	<5	0.31	<5	<50	19.2	<1	33	46.9
D63798 (388693)	14	<10	<5	176	<10	<10	<5	0.31	<5	<50	20.5	<1	33	42.4
D63799 (388694)	11	<10	<5	231	<10	<10	<5	0.18	<5	<50	59.7	<1	8	39.9
D63800 (388695)	49	<10	<5	177	<10	<10	<5	0.53	<5	<50	262	<1	19	68.3
D63801 (388696)	46	<10	<5	181	<10	<10	<5	0.49	<5	<50	241	<1	16	68.9
D63802 (388697)	10	<10	<5	199	<10	<10	<5	0.27	<5	<50	35.7	<1	16	65.6
D63803 (388698)	45	<10	<5	187	<10	<10	<5	0.56	<5	<50	257	<1	16	67.8
D63804 (388699)	43	<10	<5	190	<10	<10	<5	0.56	<5	<50	246	<1	15	68.9
D63805 (388700)	45	<10	<5	199	<10	<10	<5	0.58	<5	<50	267	<1	17	69.2
D63806 (388701)	34	<10	<5	256	<10	<10	<5	0.87	<5	<50	235	<1	23	87.0
D63807 (388702)	40	<10	<5	155	<10	<10	<5	0.52	<5	<50	220	<1	20	64.9
D63808 (388703)	19	<10	<5	78	<10	<10	<5	0.34	<5	<50	32.9	<1	27	34.9
D63809 (388704)	18	<10	<5	204	<10	<10	<5	0.34	<5	<50	97.0	<1	16	61.5
D63810 (388705)	16	<10	<5	216	<10	<10	<5	0.29	<5	<50	78.2	<1	26	55.6
D63811 (388706)	12	<10	<5	179	<10	<10	<5	0.30	<5	<50	59.6	<1	20	45.4
D63812 (388707)	<1	<10	<5	73	<10	<10	<5	<0.01	<5	<50	3.1	1	2	4.2
D63813 (388708)	11	<10	<5	167	<10	<10	<5	0.26	<5	<50	51.4	<1	20	27.0
D63814 (388709)	18	<10	<5	156	<10	<10	<5	0.33	<5	<50	105	<1	20	38.8
D63815 (388710)	6	<10	<5	316	<10	<10	<5	0.04	<5	<50	27.6	<1	18	1.7
D63816 (388711)	1	<10	<5	319	<10	<10	<5	0.03	<5	<50	16.1	<1	5	5.4

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## Certificate of Analysis

AGAT WORK ORDER: 19T498610

PROJECT: AGAT00716

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
D63817 (388712)	13	<10	<5	282	<10	<10	<5	0.18	<5	<50	69.3	<1	12	71.3
D63818 (388713)	13	<10	<5	269	<10	<10	<5	0.17	<5	<50	65.7	<1	12	71.3
D63819 (388714)	3	<10	<5	311	<10	<10	<5	0.05	<5	<50	21.9	<1	7	24.3
D63820 (388715)	4	<10	<5	408	<10	<10	<5	0.12	<5	<50	23.0	<1	9	24.8
D63821 (388716)	3	<10	<5	267	<10	<10	5	0.01	<5	<50	4.7	<1	9	10.0
D63822 (388717)	4	<10	<5	300	<10	<10	<5	0.02	<5	<50	11.8	<1	8	10.7
D63823 (388718)	4	<10	<5	269	<10	<10	<5	0.07	<5	<50	19.2	<1	4	29.4
D63824 (388719)	26	<10	<5	163	<10	<10	<5	0.24	<5	<50	125	<1	13	108

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D63753 (388648)	108
D63754 (388649)	84
D63755 (388650)	191
D63756 (388651)	176
D63757 (388652)	205
D63758 (388653)	197
D63759 (388654)	22
D63760 (388655)	27
D63761 (388656)	36
D63762 (388657)	32
D63763 (388658)	36
D63764 (388659)	128
D63765 (388660)	178
D63766 (388661)	44
D63767 (388662)	71
D63768 (388663)	112
D63769 (388664)	153
D63770 (388665)	172
D63771 (388666)	138
D63772 (388667)	<5
D63773 (388668)	175
D63774 (388669)	188
D63775 (388670)	178
D63776 (388671)	192
D63777 (388672)	144
D63778 (388673)	149
D63779 (388674)	42
D63780 (388675)	84
D63781 (388676)	13
D63782 (388677)	77
D63783 (388678)	73
D63784 (388679)	119

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CLIENT NAME: GOLDCORP BORDEN LIMITED

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DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D63785 (388680)	192
D63786 (388681)	54
D63787 (388682)	172
D63788 (388683)	65
D63789 (388684)	169
D63790 (388685)	44
D63791 (388686)	48
D63792 (388687)	<5
D63793 (388688)	103
D63794 (388689)	38
D63795 (388690)	45
D63796 (388691)	67
D63797 (388692)	172
D63798 (388693)	167
D63799 (388694)	97
D63800 (388695)	55
D63801 (388696)	46
D63802 (388697)	85
D63803 (388698)	39
D63804 (388699)	36
D63805 (388700)	42
D63806 (388701)	88
D63807 (388702)	72
D63808 (388703)	161
D63809 (388704)	131
D63810 (388705)	176
D63811 (388706)	194
D63812 (388707)	<5
D63813 (388708)	165
D63814 (388709)	144
D63815 (388710)	76
D63816 (388711)	84

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DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D63817 (388712)	88
D63818 (388713)	84
D63819 (388714)	139
D63820 (388715)	>1000
D63821 (388716)	163
D63822 (388717)	67
D63823 (388718)	52
D63824 (388719)	38

Comments: RDL - Reported Detection Limit

388648-388719 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





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PROJECT: AGAT00716

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D63753 (388648)			0.010
D63754 (388649)			0.004
D63755 (388650)			0.009
D63756 (388651)			0.003
D63757 (388652)			0.003
D63758 (388653)			0.004
D63759 (388654)			<0.001
D63760 (388655)			0.003
D63761 (388656)			0.004
D63762 (388657)			0.003
D63763 (388658)			0.003
D63764 (388659)			0.001
D63765 (388660)			0.008
D63766 (388661)			1.20
D63767 (388662)			0.007
D63768 (388663)			0.006
D63769 (388664)			0.003
D63770 (388665)			0.008
D63771 (388666)			0.039
D63772 (388667)			0.001
D63773 (388668)			0.007
D63774 (388669)			0.004
D63775 (388670)			0.007
D63776 (388671)			0.007
D63777 (388672)			0.008
D63778 (388673)			0.006
D63779 (388674)			0.008
D63780 (388675)			0.005
D63781 (388676)			0.004
D63782 (388677)			0.004
D63783 (388678)			0.003
D63784 (388679)			0.001

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T498610

PROJECT: AGAT00716

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D63785 (388680)			<0.001
D63786 (388681)			0.529
D63787 (388682)			0.002
D63788 (388683)			0.006
D63789 (388684)			0.004
D63790 (388685)			0.005
D63791 (388686)			0.004
D63792 (388687)			0.002
D63793 (388688)			0.001
D63794 (388689)			0.002
D63795 (388690)			0.011
D63796 (388691)			0.004
D63797 (388692)			0.003
D63798 (388693)			0.004
D63799 (388694)			0.004
D63800 (388695)			0.004
D63801 (388696)			0.002
D63802 (388697)			0.001
D63803 (388698)			0.002
D63804 (388699)			0.005
D63805 (388700)			0.002
D63806 (388701)			0.338
D63807 (388702)			0.002
D63808 (388703)			0.004
D63809 (388704)			0.003
D63810 (388705)			<0.001
D63811 (388706)			0.002
D63812 (388707)			<0.001
D63813 (388708)			0.002
D63814 (388709)			0.004
D63815 (388710)			0.003
D63816 (388711)			0.012

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T498610

PROJECT: AGAT00716

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Analyte:	Au
Unit:	ppm
RDL:	0.001
Sample ID (AGAT ID)	
D63817 (388712)	0.011
D63818 (388713)	0.010
D63819 (388714)	0.015
D63820 (388715)	0.021
D63821 (388716)	0.010
D63822 (388717)	0.012
D63823 (388718)	0.009
D63824 (388719)	0.016

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T498610

PROJECT: AGAT00716

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D63753 (388648)		77.62
D63771 (388666)		87.25
D63791 (388686)		79.72
D63821 (388716)		83.86

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T498610

PROJECT: AGAT00716

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 28, 2019

DATE RECEIVED: Jul 29, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL:
D63753 (388648)	85.14

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	388648	< 0.5	< 0.5	0.0%	388662	< 0.5	< 0.5	0.0%	388673	< 0.5	< 0.5	0.0%	388687	< 0.5	< 0.5	0.0%
Al	388648	7.28	7.26	0.3%	388662	8.47	8.73	3.0%	388673	7.01	6.94	1.0%	388687	0.074	0.078	5.3%
As	388648	< 1	< 1	0.0%	388662	< 1	< 1	0.0%	388673	< 1	1		388687	1	2	66.7%
Ba	388648	246	250	1.6%	388662	149	155	3.9%	388673	375	380	1.3%	388687	14	14	0.0%
Be	388648	0.8	0.8	0.0%	388662	0.7	0.7	0.0%	388673	1.6	1.6	0.0%	388687	< 0.5	< 0.5	0.0%
Bi	388648	< 1	< 1	0.0%	388662	< 1	< 1	0.0%	388673	< 1	< 1	0.0%	388687	< 1	< 1	0.0%
Ca	388648	4.19	4.12	1.7%	388662	5.79	6.00	3.6%	388673	4.02	4.03	0.2%	388687	31.9	33.3	4.3%
Cd	388648	< 0.5	< 0.5	0.0%	388662	< 0.5	< 0.5	0.0%	388673	< 0.5	< 0.5	0.0%	388687	< 0.5	< 0.5	0.0%
Ce	388648	56	56	0.0%	388662	22	22	0.0%	388673	62	64	3.2%	388687	< 1	< 1	0.0%
Co	388648	12.2	12.4	1.6%	388662	36.9	36.8	0.3%	388673	21.4	22.2	3.7%	388687	1.08	0.91	17.1%
Cr	388648	100	116	14.8%	388662	307	319	3.8%	388673	279	277	0.7%	388687	9.7	7.7	23.0%
Cu	388648	43.0	40.3	6.5%	388662	47.4	48.5	2.3%	388673	27.8	28.0	0.7%	388687	< 0.5	< 0.5	0.0%
Fe	388648	5.86	5.99	2.2%	388662	6.39	6.59	3.1%	388673	4.19	4.24	1.2%	388687	0.08	0.08	0.0%
Ga	388648	20	20	0.0%	388662	23	25	8.3%	388673	18	18	0.0%	388687	< 5	< 5	0.0%
In	388648	< 1	< 1	0.0%	388662	< 1	< 1	0.0%	388673	< 1	< 1	0.0%	388687	2	3	40.0%
K	388648	1.09	1.09	0.0%	388662	0.432	0.451	4.3%	388673	0.897	0.878	2.1%	388687	0.03	0.03	0.0%
La	388648	24	24	0.0%	388662	11	11	0.0%	388673	27	28	3.6%	388687	2	2	0.0%
Li	388648	11	11	0.0%	388662	26	27	3.8%	388673	73	71	2.8%	388687	< 1	1	
Mg	388648	0.74	0.74	0.0%	388662	3.60	3.66	1.7%	388673	3.05	3.05	0.0%	388687	2.16	2.12	1.9%
Mn	388648	1180	1200	1.7%	388662	966	998	3.3%	388673	699	692	1.0%	388687	46	47	2.2%
Mo	388648	7.37	9.25	22.6%	388662	2.63	2.25	15.6%	388673	5.7	6.4	11.6%	388687	< 0.5	< 0.5	0.0%
Na	388648	1.91	1.91	0.0%	388662	2.74	2.80	2.2%	388673	3.19	3.18	0.3%	388687	0.04	0.04	0.0%
Ni	388648	6.67	7.66	13.8%	388662	165	164	0.6%	388673	78.4	81.0	3.3%	388687	0.65	0.87	28.9%
P	388648	1010	985	2.5%	388662	635	642	1.1%	388673	1120	1190	6.1%	388687	82	82	0.0%
Pb	388648	< 20	< 20	0.0%	388662	< 20	< 20	0.0%	388673	< 20	< 20	0.0%	388687	< 20	< 20	0.0%
Rb	388648	< 50	< 50	0.0%	388662	< 50	< 50	0.0%	388673	< 50	< 50	0.0%	388687	< 50	< 50	0.0%
S	388648	0.13	0.13	0.0%	388662	0.791	0.809	2.3%	388673	0.889	0.882	0.8%	388687	< 0.01	0.01	
Sb	388648	< 1	< 1	0.0%	388662	< 1	< 1	0.0%	388673	< 1	< 1	0.0%	388687	< 1	< 1	0.0%
Sc	388648	16	16	0.0%	388662	27	28	3.6%	388673	19	20	5.1%	388687	< 1	< 1	0.0%
Se	388648	< 10	< 10	0.0%	388662	< 10	< 10	0.0%	388673	< 10	< 10	0.0%	388687	< 10	< 10	0.0%
Sn	388648	< 5	< 5	0.0%	388662	< 5	< 5	0.0%	388673	< 5	< 5	0.0%	388687	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	388648	214	215	0.5%	388662	194	199	2.5%	388673	309	309	0.0%	388687	73	73	0.0%
Ta	388648	< 10	< 10	0.0%	388662	< 10	< 10	0.0%	388673	< 10	< 10	0.0%	388687	< 10	< 10	0.0%
Te	388648	< 10	< 10	0.0%	388662	< 10	< 10	0.0%	388673	< 10	< 10	0.0%	388687	< 10	< 10	0.0%
Th	388648	< 5	< 5	0.0%	388662	< 5	< 5	0.0%	388673	< 5	< 5	0.0%	388687	< 5	< 5	0.0%
Ti	388648	0.47	0.47	0.0%	388662	0.440	0.456	3.6%	388673	0.23	0.22	4.4%	388687	< 0.01	< 0.01	0.0%
Tl	388648	< 5	< 5	0.0%	388662	< 5	< 5	0.0%	388673	< 5	< 5	0.0%	388687	< 5	< 5	0.0%
U	388648	< 50	< 50	0.0%	388662	< 50	< 50	0.0%	388673	< 50	< 50	0.0%	388687	< 50	< 50	0.0%
V	388648	24.9	24.6	1.2%	388662	160	165	3.1%	388673	94.9	98.5	3.7%	388687	2.44	3.11	24.1%
W	388648	< 1	< 1	0.0%	388662	< 1	< 1	0.0%	388673	< 1	< 1	0.0%	388687	2	< 1	
Y	388648	48	48	0.0%	388662	20	21	4.9%	388673	20	21	4.9%	388687	2	2	0.0%
Zn	388648	193	197	2.1%	388662	64.6	65.2	0.9%	388673	51.3	50.3	2.0%	388687	3.73	4.03	7.7%
Zr	388648	108	102	5.7%	388662	71	70	1.4%	388673	149	145	2.7%	388687	< 5	< 5	0.0%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	388698	< 0.5	< 0.5	0.0%	388712	< 0.5	< 0.5	0.0%								
Al	388698	7.99	8.03	0.5%	388712	7.20	7.24	0.6%								
As	388698	< 1	< 1	0.0%	388712	< 1	< 1	0.0%								
Ba	388698	106	108	1.9%	388712	318	319	0.3%								
Be	388698	< 0.5	< 0.5	0.0%	388712	1.1	1.1	0.0%								
Bi	388698	< 1	< 1	0.0%	388712	< 1	< 1	0.0%								
Ca	388698	7.90	7.81	1.1%	388712	2.54	2.56	0.8%								
Cd	388698	< 0.5	< 0.5	0.0%	388712	< 0.5	< 0.5	0.0%								
Ce	388698	10	10	0.0%	388712	42	42	0.0%								
Co	388698	46.7	46.7	0.0%	388712	14.5	14.1	2.8%								
Cr	388698	259	266	2.7%	388712	260	254	2.3%								
Cu	388698	108	108	0.0%	388712	38.0	39.0	2.6%								
Fe	388698	7.78	7.75	0.4%	388712	3.44	3.42	0.6%								
Ga	388698	18	17	5.7%	388712	18	17	5.7%								
In	388698	< 1	< 1	0.0%	388712	< 1	< 1	0.0%								
K	388698	0.40	0.40	0.0%	388712	1.23	1.22	0.8%								
La	388698	7	7	0.0%	388712	19	19	0.0%								
Li	388698	8	8	0.0%	388712	55	55	0.0%								
Mg	388698	4.85	4.79	1.2%	388712	0.93	0.93	0.0%								
Mn	388698	1360	1360	0.0%	388712	240	237	1.3%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	388698	3.4	3.0	12.5%	388712	11.7	12.0	2.5%								
Na	388698	1.53	1.56	1.9%	388712	3.29	3.27	0.6%								
Ni	388698	88.5	88.3	0.2%	388712	53.9	52.8	2.1%								
P	388698	247	233	5.8%	388712	338	329	2.7%								
Pb	388698	< 20	< 20	0.0%	388712	< 20	< 20	0.0%								
Rb	388698	< 50	< 50	0.0%	388712	< 50	< 50	0.0%								
S	388698	0.15	0.15	0.0%	388712	1.79	1.82	1.7%								
Sb	388698	< 1	< 1	0.0%	388712	< 1	< 1	0.0%								
Sc	388698	45	44	2.2%	388712	13	13	0.0%								
Se	388698	< 10	< 10	0.0%	388712	< 10	< 10	0.0%								
Sn	388698	< 5	< 5	0.0%	388712	< 5	< 5	0.0%								
Sr	388698	187	188	0.5%	388712	282	278	1.4%								
Ta	388698	< 10	< 10	0.0%	388712	< 10	< 10	0.0%								
Te	388698	< 10	< 10	0.0%	388712	< 10	< 10	0.0%								
Th	388698	< 5	< 5	0.0%	388712	< 5	< 5	0.0%								
Ti	388698	0.559	0.567	1.4%	388712	0.18	0.18	0.0%								
Tl	388698	< 5	< 5	0.0%	388712	< 5	< 5	0.0%								
U	388698	< 50	< 50	0.0%	388712	< 50	< 50	0.0%								
V	388698	257	253	1.6%	388712	69.3	67.7	2.3%								
W	388698	< 1	< 1	0.0%	388712	< 1	< 1	0.0%								
Y	388698	16	16	0.0%	388712	12	12	0.0%								
Zn	388698	67.8	73.4	7.9%	388712	71.3	73.3	2.8%								
Zr	388698	39	40	2.5%	388712	88	88	0.0%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	388648	0.010	0.017		388662	0.007	0.007	0.0%	388673	0.006	0.006	0.0%	388687	0.0023	0.0031	29.6%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	388698	0.002	0.004		388712	0.0111	0.0127	13.4%								

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.WMG-1a)				CRM #4 (ref.GSP7M)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag									3.03	3.32	109%	90% - 110%				
Al	10.95	11.12	102%	90% - 110%	8.17	8.4	103%	90% - 110%	4.75	4.98	105%	90% - 110%	6.96	7.49	108%	90% - 110%
As					26	22	86%	90% - 110%					124	131	105%	90% - 110%
Ba	340	318	94%	90% - 110%	540	501	93%	90% - 110%	216	215	100%	90% - 110%	186	186	100%	90% - 110%
Be	2.6	2.5	95%	90% - 110%												
Ca	5.72	5.58	97%	90% - 110%	0.907	0.869	96%	90% - 110%	10	9	94%	90% - 110%	4.01	4.21	105%	90% - 110%
Ce	122	121	99%	90% - 110%	98	106	109%	90% - 110%					24	23	97%	90% - 110%
Co	2.8	2.1	75%	90% - 110%					191	176	92%	90% - 110%	22.1	21.9	99%	90% - 110%
Cr					60.3	61.9	103%	90% - 110%	670	623	93%	90% - 110%				
Cu					150	151	101%	90% - 110%	7120	7250	102%	90% - 110%	88.6	93.5	106%	90% - 110%
Fe	4.34	4.08	94%	90% - 110%	3.77	3.61	96%	90% - 110%	12.71	11.84	93%	90% - 110%	7.56	7.85	104%	90% - 110%
Ga	35	33	95%	90% - 110%												
K	1.37	1.46	107%	90% - 110%					0.1021	0.110	108%	90% - 110%	2.021	2.218	110%	90% - 110%
La	58	55	95%	90% - 110%	44	45	103%	90% - 110%	8.47	9.09	107%	90% - 110%				
Li	37	40	109%	90% - 110%	47	49	105%	90% - 110%								
Mg	0.325	0.297	91%	90% - 110%	1.10	1.05	96%	90% - 110%	7.41	7.04	95%	90% - 110%	2.412	2.503	104%	90% - 110%
Mn					780	733	94%	90% - 110%					1510	1496	99%	90% - 110%
Mo					14	12	87%	90% - 110%								
Na	5.267	5.285	100%	90% - 110%	1.624	1.68	103%	90% - 110%	0.112	0.12	107%	90% - 110%	0.617	0.674	109%	90% - 110%
Ni					32	31	98%	90% - 110%	2480	2285	92%	90% - 110%	77.1	73.4	95%	90% - 110%
P					750	723	96%	90% - 110%	731	676	92%	90% - 110%	892	937	105%	90% - 110%
Pb					31	23	73%	90% - 110%								
S													0.348	0.337	97%	90% - 110%
Sc	1.1	0.9	78%	90% - 110%	12	13	106%	90% - 110%	21.33	21.66	102%	90% - 110%				
Sr	1191	1182	99%	90% - 110%	144	154	107%	90% - 110%	39	39	99%	90% - 110%	92.8	98	106%	90% - 110%
Ti	0.172	0.168	98%	90% - 110%	0.53	0.48	90%	90% - 110%	0.419	0.415	99%	90% - 110%				
V	8	8	95%	90% - 110%	77	79	103%	90% - 110%	158	152	96%	90% - 110%				
Y	119	123	103%	90% - 110%					12.67	13.29	105%	90% - 110%				
Zn	93	89	95%	90% - 110%	130	119	92%	90% - 110%	112	103	92%	90% - 110%	208	218	105%	90% - 110%
Zr									35.7	35.1	98%	90% - 110%				

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



**AGAT** Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 19T498610

PROJECT: AGAT00716

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP5G)				CRM #4 (ref.GSP7M)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.27	4.99	95%	90% - 110%	6.87	6.57	96%	90% - 110%	0.562	0.525	93%	90% - 110%	0.725	0.74	102%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00716  
 SAMPLING SITE:

AGAT WORK ORDER: 19T498610  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00717

AGAT WORK ORDER: 19T499173

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Aug 15, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T499173

PROJECT: AGAT00717

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D63825 (394544)		2.10
D63826 (394545)		0.06
D63827 (394546)		1.94
D63828 (394547)		2.15
D63829 (394548)		2.60
D63830 (394549)		2.29
D63831 (394550)		1.91
D63832 (394551)		0.58
D63833 (394552)		0.75
D63834 (394553)		0.64
D63835 (394554)		2.67
D63836 (394555)		2.43
D63837 (394556)		1.60
D63838 (394557)		-
D63839 (394558)		2.14
D63840 (394559)		2.23
D63841 (394560)		2.57
D63842 (394561)		1.42
D63843 (394562)		2.04
D63844 (394563)		2.60
D63845 (394564)		1.83
D63846 (394565)		0.06
D63847 (394566)		1.22
D63848 (394567)		2.88
D63849 (394568)		2.29
D63850 (394569)		2.25
D63851 (394570)		2.36
D63852 (394571)		0.57
D63853 (394572)		2.43
D63854 (394573)		1.24
D63855 (394574)		2.45

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T499173

PROJECT: AGAT00717

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D63856 (394575)		1.93
D63857 (394576)		1.52
D63858 (394577)		-
D63859 (394578)		2.31
D63860 (394579)		2.15
D63861 (394580)		3.29
D63862 (394581)		0.71
D63863 (394582)		2.01
D63864 (394583)		2.48
D63865 (394584)		0.97
D63866 (394585)		0.06
D63867 (394586)		2.62
D63868 (394587)		0.82
D63869 (394588)		2.61
D63870 (394589)		1.79
D63871 (394590)		2.08
D63872 (394591)		0.51
D63873 (394592)		2.56
D63874 (394593)		2.43
D63875 (394594)		0.86
D63876 (394595)		2.35
D63877 (394596)		1.59
D63878 (394597)		-
D63879 (394598)		2.52
D63880 (394599)		2.51
D63881 (394600)		1.86
D63882 (394601)		1.46
D63883 (394602)		2.28
D63884 (394603)		1.79
D63885 (394604)		2.34
D63886 (394605)		0.06

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T499173

PROJECT: AGAT00717

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D63887 (394606)		2.17
D63888 (394607)		2.74
D63889 (394608)		1.64
D63890 (394609)		2.84
D63891 (394610)		1.29
D63892 (394611)		0.72
D63893 (394612)		2.29
D63894 (394613)		1.23
D63895 (394614)		1.19
D63896 (394615)		1.04
D63897 (394616)		2.27
D63898 (394617)		-

 Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Val D'Or (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T499173

PROJECT: AGAT00717

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019	DATE RECEIVED: Jul 30, 2019							DATE REPORTED: Aug 15, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D63825 (394544)	<0.5	7.59	<1	561	0.9	<1	3.92	<0.5	31	27.2	295	71.4	6.40	23	
D63826 (394545)	<0.5	7.21	5	85	<0.5	<1	7.39	<0.5	4	40.2	167	157	7.75	27	
D63827 (394546)	<0.5	7.96	<1	570	1.0	<1	3.19	<0.5	25	20.5	193	43.1	5.11	23	
D63828 (394547)	<0.5	7.04	<1	333	0.6	<1	3.92	<0.5	19	29.9	327	48.2	6.01	22	
D63829 (394548)	<0.5	7.59	<1	290	0.9	<1	2.90	<0.5	26	31.0	289	52.8	6.48	24	
D63830 (394549)	<0.5	7.06	<1	380	<0.5	<1	2.71	<0.5	16	28.2	238	78.3	8.34	27	
D63831 (394550)	<0.5	7.27	<1	340	0.8	<1	2.93	<0.5	29	23.4	238	76.7	6.45	23	
D63832 (394551)	<0.5	0.05	<1	12	<0.5	<1	29.5	<0.5	<1	0.6	13.3	<0.5	0.12	<5	
D63833 (394552)	<0.5	7.78	<1	342	0.7	<1	2.60	<0.5	19	28.1	198	64.2	5.47	21	
D63834 (394553)	<0.5	7.48	<1	555	0.8	<1	2.06	<0.5	27	28.5	197	57.1	5.47	22	
D63835 (394554)	<0.5	7.59	<1	375	0.8	<1	1.20	<0.5	24	28.6	212	52.6	5.79	21	
D63836 (394555)	<0.5	6.78	<1	307	2.8	<1	4.61	<0.5	36	21.4	179	34.5	4.33	18	
D63837 (394556)	<0.5	6.82	<1	1180	1.9	<1	5.29	<0.5	30	24.6	149	48.3	4.47	18	
D63838 (394557)	<0.5	6.78	<1	1340	1.9	<1	5.58	<0.5	34	23.8	165	49.5	4.54	20	
D63839 (394558)	0.5	7.49	<1	485	1.8	<1	3.15	<0.5	44	25.1	161	38.9	5.13	21	
D63840 (394559)	<0.5	4.16	<1	870	2.4	<1	7.98	<0.5	127	49.5	389	118	8.38	29	
D63841 (394560)	0.6	6.54	<1	450	6.0	<1	5.05	<0.5	23	29.1	274	63.0	5.35	18	
D63842 (394561)	<0.5	6.84	<1	556	1.4	<1	4.47	<0.5	18	31.0	280	142	5.62	21	
D63843 (394562)	<0.5	7.39	<1	588	1.5	<1	3.52	<0.5	33	12.5	93.3	40.3	3.25	17	
D63844 (394563)	0.7	7.60	<1	714	1.0	<1	2.63	<0.5	40	6.7	55.5	25.6	2.83	17	
D63845 (394564)	<0.5	7.24	<1	535	0.7	<1	4.89	<0.5	22	33.3	423	196	7.63	26	
D63846 (394565)	<0.5	7.25	2	85	<0.5	<1	7.32	<0.5	4	39.4	167	156	7.68	27	
D63847 (394566)	<0.5	6.48	<1	579	1.1	<1	4.96	<0.5	35	32.2	443	134	8.27	31	
D63848 (394567)	3.1	6.83	2	745	1.1	<1	1.93	<0.5	49	10.2	72.2	54.3	2.54	17	
D63849 (394568)	2.0	6.71	2	255	1.0	<1	1.91	<0.5	84	2.6	78.7	8.4	3.39	21	
D63850 (394569)	0.8	6.04	<1	205	1.0	<1	1.78	<0.5	24	1.9	69.5	19.3	3.97	24	
D63851 (394570)	0.7	7.02	<1	593	0.8	<1	2.86	<0.5	45	9.8	94.1	60.1	3.32	18	
D63852 (394571)	<0.5	0.08	<1	15	<0.5	<1	31.5	<0.5	<1	0.6	9.5	1.2	0.11	<5	
D63853 (394572)	<0.5	7.29	<1	664	0.9	<1	3.57	<0.5	34	25.1	258	72.2	4.99	22	
D63854 (394573)	0.5	4.16	<1	630	1.5	<1	6.86	<0.5	83	56.8	626	112	9.80	36	
D63855 (394574)	<0.5	7.27	<1	686	0.7	<1	3.36	<0.5	14	30.9	286	88.6	5.85	22	
D63856 (394575)	<0.5	7.39	<1	935	1.2	<1	3.92	<0.5	24	32.7	302	71.9	6.11	22	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T499173

PROJECT: AGAT00717

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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D63857 (394576)		0.8	6.64	<1	237	0.9	<1	2.87	<0.5	47	10.0	106	20.8	3.52	16
D63858 (394577)		0.7	6.83	<1	237	0.9	<1	2.94	<0.5	49	9.4	94.4	20.8	3.60	17
D63859 (394578)		1.2	7.30	<1	285	0.9	<1	3.42	<0.5	52	9.3	73.7	18.9	3.74	19
D63860 (394579)		0.7	7.28	<1	831	1.0	<1	3.19	<0.5	53	9.9	75.8	27.8	3.49	18
D63861 (394580)		0.6	7.19	<1	346	1.2	<1	2.86	<0.5	51	10.0	71.5	24.1	3.44	17
D63862 (394581)		<0.5	7.24	<1	63	1.0	<1	4.19	<0.5	21	24.6	212	3.1	4.73	20
D63863 (394582)		0.8	6.82	<1	313	1.0	<1	2.05	<0.5	60	4.9	65.5	16.3	3.02	18
D63864 (394583)		<0.5	6.98	<1	336	1.0	<1	2.76	<0.5	58	10.7	111	27.4	3.84	19
D63865 (394584)		<0.5	5.76	<1	311	3.1	<1	6.09	<0.5	61	49.0	106	350	11.3	40
D63866 (394585)		<0.5	7.59	<1	190	0.7	<1	6.46	<0.5	16	38.1	152	106	8.09	31
D63867 (394586)		<0.5	6.80	<1	381	1.0	<1	2.27	<0.5	76	5.5	73.9	56.1	3.08	18
D63868 (394587)		0.8	9.07	7	762	1.1	<1	2.25	<0.5	443	7.7	45.5	3.2	5.01	30
D63869 (394588)		<0.5	6.99	<1	452	1.4	<1	2.94	<0.5	130	12.4	153	74.1	3.45	20
D63870 (394589)		<0.5	7.36	<1	430	1.2	<1	2.61	<0.5	96	8.1	69.1	47.4	3.20	21
D63871 (394590)		<0.5	8.12	<1	194	0.8	<1	4.82	0.5	25	27.6	155	112	6.00	23
D63872 (394591)		<0.5	0.06	<1	15	<0.5	<1	31.4	<0.5	<1	<0.5	16.6	<0.5	0.09	<5
D63873 (394592)		<0.5	7.96	<1	242	0.6	<1	5.56	<0.5	32	27.9	143	69.1	6.89	28
D63874 (394593)		<0.5	8.30	<1	103	0.5	<1	6.51	<0.5	22	32.8	119	71.6	7.58	29
D63875 (394594)		<0.5	8.03	1	435	0.9	<1	2.75	<0.5	52	8.9	84.5	11.7	3.17	20
D63876 (394595)		<0.5	8.17	<1	210	1.2	<1	6.31	<0.5	18	21.3	117	13.8	6.36	26
D63877 (394596)		<0.5	8.28	<1	528	0.6	<1	4.03	<0.5	142	21.3	93.5	4.8	6.03	27
D63878 (394597)		<0.5	8.40	<1	537	0.7	<1	4.11	<0.5	147	20.9	97.4	3.1	6.15	27
D63879 (394598)		<0.5	8.06	<1	144	0.5	<1	5.83	<0.5	21	30.2	112	9.6	6.93	28
D63880 (394599)		<0.5	8.23	<1	115	0.6	<1	6.16	<0.5	20	29.2	113	18.6	6.87	27
D63881 (394600)		<0.5	7.82	<1	202	0.6	<1	5.31	<0.5	28	21.3	105	82.2	5.55	23
D63882 (394601)		<0.5	7.57	<1	383	1.8	<1	4.43	<0.5	33	25.3	263	71.4	6.20	26
D63883 (394602)		<0.5	7.32	<1	567	1.0	<1	1.87	<0.5	26	1.5	114	1.9	1.18	15
D63884 (394603)		<0.5	7.37	<1	318	1.2	<1	2.02	<0.5	7	0.9	77.0	1.4	0.52	13
D63885 (394604)		<0.5	7.19	<1	296	1.1	<1	1.99	<0.5	7	<0.5	44.9	1.5	0.52	12
D63886 (394605)		<0.5	7.18	5	82	<0.5	<1	7.08	<0.5	4	38.7	178	160	7.44	29
D63887 (394606)		<0.5	7.34	<1	236	1.4	<1	1.94	<0.5	8	0.7	39.2	2.7	0.47	12
D63888 (394607)		<0.5	7.60	<1	308	1.2	<1	2.04	<0.5	12	3.3	54.6	1.5	1.44	15

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T499173

PROJECT: AGAT00717

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019	DATE RECEIVED: Jul 30, 2019							DATE REPORTED: Aug 15, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D63889 (394608)	<0.5	6.19	<1	213	1.1	<1	4.48	<0.5	17	47.5	693	2.9	7.06	25	
D63890 (394609)	<0.5	7.80	2	387	1.1	<1	2.17	<0.5	83	1.7	75.1	1.2	1.02	14	
D63891 (394610)	<0.5	8.21	<1	123	1.6	<1	5.95	<0.5	18	29.9	252	<0.5	6.37	26	
D63892 (394611)	<0.5	0.07	1	14	<0.5	<1	31.6	<0.5	<1	0.6	13.4	<0.5	0.09	<5	
D63893 (394612)	0.5	7.32	3	404	0.8	<1	2.25	<0.5	211	5.8	74.1	18.6	2.37	18	
D63894 (394613)	<0.5	7.30	8	572	1.0	<1	2.06	<0.5	344	4.2	64.5	21.6	2.69	19	
D63895 (394614)	0.6	6.43	<1	335	0.9	<1	2.14	<0.5	41	4.6	73.9	43.8	2.04	15	
D63896 (394615)	<0.5	5.67	<1	313	1.0	<1	1.82	<0.5	31	9.5	88.4	14.2	2.63	17	
D63897 (394616)	<0.5	8.91	<1	282	0.7	<1	4.51	<0.5	33	16.0	95.6	47.1	4.60	25	
D63898 (394617)	<0.5	8.78	<1	275	0.7	<1	4.47	<0.5	32	15.9	88.7	46.8	4.51	25	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T499173

PROJECT: AGAT00717

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D63825 (394544)		<1	1.30	15	59	2.33	529	2.5	2.16	113	545	<20	<50	3.40	<1
D63826 (394545)		<1	0.24	3	14	4.37	1310	1.9	1.62	98.4	358	<20	<50	0.22	1
D63827 (394546)		<1	1.31	12	61	3.03	732	2.0	2.58	74.9	607	<20	<50	1.81	1
D63828 (394547)		<1	0.72	9	61	5.02	1110	1.7	2.08	131	525	<20	<50	1.54	2
D63829 (394548)		<1	0.51	13	112	4.63	1030	1.8	2.36	124	688	<20	<50	1.54	3
D63830 (394549)		<1	1.08	8	74	3.53	607	2.4	2.59	98.1	440	<20	<50	4.51	2
D63831 (394550)		<1	1.01	14	44	2.29	274	2.2	2.48	87.9	723	<20	<50	3.80	2
D63832 (394551)		<1	0.01	<2	<1	4.04	130	<0.5	0.04	1.0	87	<20	<50	0.03	<1
D63833 (394552)		<1	0.70	9	101	3.31	355	2.2	1.99	107	558	<20	<50	3.28	3
D63834 (394553)		<1	0.74	13	71	2.85	369	2.3	1.68	122	540	<20	<50	4.21	2
D63835 (394554)		<1	0.93	12	71	2.93	254	2.7	1.47	123	509	<20	<50	3.98	<1
D63836 (394555)		<1	1.02	16	35	2.03	307	4.4	3.45	79.5	424	<20	<50	2.46	<1
D63837 (394556)		<1	0.99	15	35	2.29	419	1.7	3.68	89.6	881	<20	<50	2.52	<1
D63838 (394557)		<1	0.98	16	36	2.47	449	1.8	3.63	92.7	924	<20	<50	2.40	2
D63839 (394558)		<1	1.10	21	59	2.66	368	1.8	3.33	75.1	963	<20	<50	3.11	<1
D63840 (394559)		<1	1.79	68	34	8.36	1390	1.8	1.16	373	2410	<20	<50	0.63	<1
D63841 (394560)		<1	0.70	10	89	3.68	774	1.6	3.93	149	561	<20	<50	2.48	1
D63842 (394561)		<1	1.37	9	77	4.14	1010	2.8	3.25	160	540	<20	<50	2.71	1
D63843 (394562)		<1	0.91	15	34	1.99	566	1.9	2.88	53.1	439	<20	<50	0.64	2
D63844 (394563)		<1	1.00	18	23	1.25	567	2.1	2.85	15.5	413	<20	<50	0.55	<1
D63845 (394564)		<1	1.29	11	59	4.54	740	2.0	2.33	185	614	<20	<50	3.33	2
D63846 (394565)		<1	0.24	3	14	4.36	1300	1.9	1.62	96.8	356	<20	<50	0.22	<1
D63847 (394566)		<1	1.87	17	57	5.11	1000	2.6	2.07	207	842	<20	<50	2.79	3
D63848 (394567)		<1	0.73	28	5	0.08	92	1.8	3.25	16.1	41	<20	<50	1.15	<1
D63849 (394568)		<1	0.52	52	5	0.04	164	2.2	3.21	6.9	19	<20	<50	0.17	1
D63850 (394569)		<1	0.43	15	7	0.06	165	2.3	2.94	8.6	18	<20	<50	0.40	<1
D63851 (394570)		<1	1.15	20	33	1.54	318	2.8	2.28	33.0	547	<20	<50	1.25	<1
D63852 (394571)		<1	0.01	2	1	2.55	111	<0.5	0.05	0.7	79	<20	<50	0.03	<1
D63853 (394572)		<1	1.02	16	31	2.52	417	2.9	2.58	118	688	<20	<50	2.43	<1
D63854 (394573)		<1	1.66	40	39	7.89	1350	3.0	1.41	402	2140	<20	<50	0.49	<1
D63855 (394574)		<1	0.81	7	45	3.03	326	2.5	2.80	153	433	<20	<50	4.51	1
D63856 (394575)		<1	0.99	12	50	2.81	375	3.7	2.24	157	612	<20	<50	4.09	<1

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T499173

PROJECT: AGAT00717

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D63857 (394576)		<1	0.55	21	27	1.57	656	2.5	2.16	21.9	569	<20	<50	0.38	<1
D63858 (394577)		<1	0.56	22	27	1.62	684	2.7	2.22	20.6	604	<20	<50	0.38	<1
D63859 (394578)		<1	0.69	23	28	1.26	848	3.4	2.27	19.1	584	<20	<50	0.14	<1
D63860 (394579)		<1	1.08	23	28	1.09	686	2.7	2.40	29.0	642	<20	<50	0.12	<1
D63861 (394580)		<1	1.15	23	34	1.12	540	2.1	2.81	28.1	552	<20	<50	0.08	<1
D63862 (394581)		<1	0.89	10	45	3.44	617	1.8	2.85	125	465	<20	<50	0.02	1
D63863 (394582)		<1	1.16	26	24	0.72	404	2.0	2.78	4.5	529	<20	<50	0.03	<1
D63864 (394583)		<1	1.26	26	27	1.14	583	3.3	2.62	27.2	525	<20	<50	0.04	<1
D63865 (394584)		<1	1.04	30	20	3.13	1660	2.7	1.48	104	800	<20	<50	0.29	<1
D63866 (394585)		<1	0.46	9	11	4.35	1350	2.0	2.31	106	872	<20	<50	0.09	<1
D63867 (394586)		<1	1.20	37	20	0.57	370	4.2	2.71	7.2	525	<20	<50	0.06	1
D63868 (394587)		<1	2.85	257	42	1.28	475	1.7	3.38	12.3	860	<20	<50	0.02	<1
D63869 (394588)		<1	1.42	70	24	1.73	526	2.7	2.61	52.9	951	<20	<50	0.09	<1
D63870 (394589)		<1	1.37	51	26	1.00	419	2.8	2.71	15.3	647	<20	<50	0.07	<1
D63871 (394590)		<1	1.25	12	24	3.35	1070	2.1	2.73	64.9	563	<20	<50	0.14	<1
D63872 (394591)		<1	0.02	2	<1	2.04	108	<0.5	0.03	0.8	66	<20	<50	0.04	2
D63873 (394592)		<1	0.79	15	20	3.28	1050	1.8	2.68	52.0	669	<20	<50	0.08	<1
D63874 (394593)		<1	0.49	10	15	3.68	1220	1.3	2.64	49.7	867	<20	<50	0.03	1
D63875 (394594)		<1	1.34	32	20	1.05	327	2.2	3.02	17.1	227	<20	<50	0.02	<1
D63876 (394595)		<1	0.94	9	19	2.43	1110	2.0	2.34	36.4	552	<20	<50	0.02	<1
D63877 (394596)		<1	1.64	87	31	2.57	791	2.0	2.74	37.6	670	<20	<50	0.02	<1
D63878 (394597)		<1	1.67	89	32	2.57	790	1.8	2.84	37.7	687	<20	<50	0.02	1
D63879 (394598)		<1	0.74	10	15	3.40	1110	1.5	2.65	46.9	654	<20	<50	0.01	<1
D63880 (394599)		<1	0.57	10	18	3.27	1070	2.2	2.74	44.8	708	<20	<50	0.02	<1
D63881 (394600)		<1	0.75	13	18	2.54	1130	2.1	2.48	43.1	636	<20	<50	0.07	<1
D63882 (394601)		<1	1.49	16	37	3.27	1050	2.0	2.77	100	554	<20	<50	0.14	3
D63883 (394602)		<1	1.39	17	7	0.28	112	2.9	3.29	6.1	30	<20	<50	0.01	<1
D63884 (394603)		<1	1.27	5	6	0.11	56	2.8	3.43	4.0	21	<20	<50	<0.01	<1
D63885 (394604)		<1	0.91	5	4	0.11	53	2.2	3.39	2.4	14	<20	<50	<0.01	<1
D63886 (394605)		<1	0.24	3	14	4.25	1270	1.9	1.63	96.2	352	<20	<50	0.21	<1
D63887 (394606)		<1	0.81	6	5	0.09	48	3.1	3.47	4.5	20	<20	<50	<0.01	<1
D63888 (394607)		<1	1.16	8	11	0.53	157	2.1	3.44	21.9	48	<20	<50	0.01	<1

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T499173

PROJECT: AGAT00717

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D63889 (394608)		<1	2.41	9	64	6.81	1110	1.5	1.60	362	496	<20	<50	0.01	5
D63890 (394609)		<1	1.14	52	9	0.28	101	2.4	3.56	7.0	44	<20	<50	<0.01	<1
D63891 (394610)		<1	1.01	10	31	3.52	1050	1.6	2.61	106	536	<20	<50	0.01	2
D63892 (394611)		<1	0.01	2	<1	2.26	111	<0.5	0.04	0.5	69	<20	<50	0.03	<1
D63893 (394612)		<1	1.26	125	26	0.70	279	2.6	2.92	14.7	170	<20	<50	0.03	<1
D63894 (394613)		<1	1.52	209	38	0.67	272	2.9	2.80	10.9	292	<20	<50	0.03	<1
D63895 (394614)		<1	1.00	19	19	0.54	235	2.4	2.28	8.9	424	<20	<50	0.06	<1
D63896 (394615)		<1	1.31	17	35	0.92	320	3.4	1.89	26.7	401	<20	<50	0.03	<1
D63897 (394616)		<1	1.25	16	26	1.83	727	2.1	2.78	44.1	735	<20	<50	0.06	1
D63898 (394617)		<1	1.23	15	25	1.79	713	2.4	2.76	42.5	726	<20	<50	0.06	1

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D63825 (394544)	20	<10	<5	280	<10	<10	<5	0.30	<5	<50	121	<1	19	83.7
D63826 (394545)	44	<10	<5	170	<10	<10	<5	0.61	<5	<50	285	<1	21	79.8
D63827 (394546)	17	<10	<5	297	<10	<10	<5	0.30	<5	<50	108	<1	13	85.9
D63828 (394547)	24	<10	<5	178	<10	<10	<5	0.25	<5	<50	145	<1	15	91.6
D63829 (394548)	24	<10	<5	202	<10	<10	<5	0.18	<5	<50	139	<1	14	88.4
D63830 (394549)	22	<10	<5	176	<10	<10	<5	0.20	<5	<50	136	<1	13	84.1
D63831 (394550)	19	<10	<5	321	<10	<10	<5	0.19	<5	<50	121	<1	16	60.3
D63832 (394551)	<1	<10	<5	62	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	3.2
D63833 (394552)	21	<10	<5	267	<10	<10	<5	0.10	<5	<50	115	<1	14	49.4
D63834 (394553)	24	<10	<5	207	<10	<10	<5	0.10	<5	<50	110	<1	15	44.2
D63835 (394554)	20	<10	<5	161	<10	<10	<5	0.10	<5	<50	114	<1	13	36.0
D63836 (394555)	32	<10	<5	290	<10	<10	<5	0.11	<5	<50	94.0	<1	23	44.2
D63837 (394556)	28	<10	<5	319	<10	<10	<5	0.08	<5	<50	72.4	<1	20	57.7
D63838 (394557)	29	<10	<5	333	<10	<10	<5	0.08	<5	<50	75.7	<1	21	61.9
D63839 (394558)	21	<10	<5	278	<10	<10	<5	0.15	<5	<50	114	<1	19	73.5
D63840 (394559)	22	<10	<5	885	<10	<10	<5	1.73	<5	<50	244	<1	20	87.6
D63841 (394560)	24	<10	<5	315	<10	<10	<5	0.14	<5	<50	127	<1	32	93.5
D63842 (394561)	21	<10	<5	218	<10	<10	<5	0.23	<5	<50	133	<1	19	88.5
D63843 (394562)	13	<10	<5	205	<10	<10	<5	0.26	<5	<50	67.8	<1	18	63.1
D63844 (394563)	10	<10	<5	251	<10	<10	<5	0.27	<5	<50	48.8	<1	22	59.6
D63845 (394564)	30	<10	<5	1260	<10	<10	<5	0.40	<5	<50	168	<1	16	108
D63846 (394565)	43	<10	<5	170	<10	<10	<5	0.61	<5	<50	278	<1	20	75.1
D63847 (394566)	32	<10	<5	1920	<10	<10	<5	0.79	<5	<50	160	<1	13	130
D63848 (394567)	<1	<10	<5	296	<10	<10	11	0.03	<5	<50	11.2	<1	2	16.5
D63849 (394568)	<1	<10	<5	299	<10	<10	16	0.07	<5	<50	21.1	<1	2	59.1
D63850 (394569)	1	<10	<5	268	<10	<10	<5	0.12	<5	<50	30.7	<1	1	57.2
D63851 (394570)	13	<10	<5	162	<10	<10	<5	0.29	<5	<50	65.4	<1	26	33.0
D63852 (394571)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	5.8
D63853 (394572)	17	<10	<5	275	<10	<10	<5	0.31	<5	<50	103	<1	18	45.4
D63854 (394573)	25	<10	<5	539	<10	<10	<5	2.35	<5	<50	315	<1	18	90.0
D63855 (394574)	21	<10	<5	276	<10	<10	<5	0.12	<5	<50	122	<1	11	49.3
D63856 (394575)	20	<10	<5	426	<10	<10	<5	0.18	<5	<50	121	<1	13	60.6

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D63857 (394576)	11	<10	<5	152	<10	<10	<5	0.32	<5	<50	58.6	<1	24	52.6
D63858 (394577)	12	<10	<5	155	<10	<10	<5	0.33	<5	<50	59.9	<1	24	51.0
D63859 (394578)	13	<10	<5	166	<10	<10	<5	0.38	<5	<50	66.3	<1	26	64.8
D63860 (394579)	12	<10	<5	169	<10	<10	<5	0.35	<5	<50	63.5	<1	25	78.0
D63861 (394580)	13	<10	<5	193	<10	<10	<5	0.33	<5	<50	61.8	<1	25	59.3
D63862 (394581)	20	<10	<5	276	<10	<10	<5	0.29	<5	<50	113	<1	18	43.3
D63863 (394582)	11	<10	<5	116	<10	<10	<5	0.33	<5	<50	26.1	<1	27	47.8
D63864 (394583)	14	<10	<5	181	<10	<10	<5	0.35	<5	<50	57.9	<1	27	65.2
D63865 (394584)	23	<10	<5	417	<10	<10	<5	1.28	<5	<50	304	<1	25	203
D63866 (394585)	35	<10	<5	249	<10	<10	<5	0.89	<5	<50	246	<1	23	88.8
D63867 (394586)	9	<10	<5	171	<10	<10	<5	0.31	<5	<50	26.0	<1	22	103
D63868 (394587)	9	<10	<5	308	<10	<10	58	0.57	<5	<50	39.2	<1	10	164
D63869 (394588)	12	<10	<5	260	<10	<10	<5	0.35	<5	<50	53.2	<1	22	90.1
D63870 (394589)	10	<10	<5	334	<10	<10	<5	0.34	<5	<50	49.1	<1	15	82.9
D63871 (394590)	28	<10	<5	279	<10	<10	<5	0.41	<5	<50	157	<1	17	182
D63872 (394591)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	5.3
D63873 (394592)	30	<10	<5	284	<10	<10	<5	0.57	<5	<50	200	<1	19	108
D63874 (394593)	35	<10	<5	242	<10	<10	<5	0.60	<5	<50	234	<1	19	87.7
D63875 (394594)	8	<10	<5	305	<10	<10	<5	0.34	<5	<50	51.2	<1	4	67.9
D63876 (394595)	28	<10	<5	587	<10	<10	<5	0.46	<5	<50	198	<1	17	72.3
D63877 (394596)	22	<10	<5	270	<10	<10	<5	0.57	<5	<50	152	<1	12	98.5
D63878 (394597)	22	<10	<5	280	<10	<10	<5	0.58	<5	<50	152	<1	12	101
D63879 (394598)	33	<10	<5	189	<10	<10	<5	0.54	<5	<50	219	<1	18	83.3
D63880 (394599)	32	<10	<5	174	<10	<10	<5	0.56	<5	<50	214	<1	18	82.9
D63881 (394600)	24	<10	<5	152	<10	<10	<5	0.46	<5	<50	147	<1	21	97.8
D63882 (394601)	22	<10	<5	205	<10	<10	<5	0.48	<5	<50	132	<1	17	99.2
D63883 (394602)	2	<10	<5	276	<10	<10	<5	0.12	<5	<50	9.1	<1	<1	34.4
D63884 (394603)	1	<10	<5	280	<10	<10	<5	0.05	<5	<50	4.6	<1	1	14.1
D63885 (394604)	1	<10	<5	289	<10	<10	<5	0.05	<5	<50	4.7	<1	<1	19.5
D63886 (394605)	42	<10	<5	168	<10	<10	<5	0.60	<5	<50	275	<1	20	71.0
D63887 (394606)	1	<10	<5	282	<10	<10	<5	0.04	<5	<50	5.5	<1	1	11.9
D63888 (394607)	3	<10	<5	290	<10	<10	<5	0.11	<5	<50	18.1	<1	2	40.0

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T499173

PROJECT: AGAT00717

5623 McADAM ROAD  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
D63889 (394608)	24	<10	<5	175	<10	<10	<5	0.42	<5	<50	146	<1	15	89.6
D63890 (394609)	2	<10	<5	324	<10	<10	7	0.11	<5	<50	9.1	<1	2	28.7
D63891 (394610)	27	<10	<5	150	<10	<10	<5	0.48	<5	<50	170	<1	17	82.4
D63892 (394611)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	3.7
D63893 (394612)	6	<10	<5	288	<10	<10	21	0.26	<5	<50	32.8	<1	5	61.6
D63894 (394613)	6	<10	<5	290	<10	<10	44	0.32	<5	<50	26.4	<1	8	68.9
D63895 (394614)	7	<10	<5	214	<10	<10	<5	0.25	<5	<50	26.5	<1	14	42.7
D63896 (394615)	8	<10	<5	158	<10	<10	<5	0.26	<5	<50	59.9	<1	6	63.7
D63897 (394616)	17	<10	<5	356	<10	<10	<5	0.47	<5	<50	117	<1	19	76.4
D63898 (394617)	17	<10	<5	353	<10	<10	<5	0.47	<5	<50	116	<1	19	74.4

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# Certificate of Analysis

AGAT WORK ORDER: 19T499173

PROJECT: AGAT00717

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D63825 (394544)	95
D63826 (394545)	50
D63827 (394546)	109
D63828 (394547)	45
D63829 (394548)	39
D63830 (394549)	47
D63831 (394550)	80
D63832 (394551)	<5
D63833 (394552)	59
D63834 (394553)	66
D63835 (394554)	40
D63836 (394555)	91
D63837 (394556)	105
D63838 (394557)	110
D63839 (394558)	116
D63840 (394559)	212
D63841 (394560)	183
D63842 (394561)	97
D63843 (394562)	146
D63844 (394563)	167
D63845 (394564)	51
D63846 (394565)	49
D63847 (394566)	95
D63848 (394567)	496
D63849 (394568)	379
D63850 (394569)	154
D63851 (394570)	170
D63852 (394571)	<5
D63853 (394572)	111
D63854 (394573)	248
D63855 (394574)	41
D63856 (394575)	90

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## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D63857 (394576)				208
D63858 (394577)				207
D63859 (394578)				235
D63860 (394579)				186
D63861 (394580)				178
D63862 (394581)				114
D63863 (394582)				198
D63864 (394583)				142
D63865 (394584)				58
D63866 (394585)				94
D63867 (394586)				141
D63868 (394587)				361
D63869 (394588)				173
D63870 (394589)				131
D63871 (394590)				92
D63872 (394591)				<5
D63873 (394592)				39
D63874 (394593)				34
D63875 (394594)				133
D63876 (394595)				39
D63877 (394596)				49
D63878 (394597)				48
D63879 (394598)				41
D63880 (394599)				30
D63881 (394600)				70
D63882 (394601)				113
D63883 (394602)				56
D63884 (394603)				12
D63885 (394604)				5
D63886 (394605)				48
D63887 (394606)				15
D63888 (394607)				31

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## Certificate of Analysis

AGAT WORK ORDER: 19T499173

PROJECT: AGAT00717

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D63889 (394608)			62
D63890 (394609)			150
D63891 (394610)			43
D63892 (394611)			<5
D63893 (394612)			194
D63894 (394613)			229
D63895 (394614)			159
D63896 (394615)			82
D63897 (394616)			73
D63898 (394617)			82

Comments: RDL - Reported Detection Limit  
394544-394617 As, Sb values may be low due to digestion losses.  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T499173

PROJECT: AGAT00717

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D63825 (394544)			0.016
D63826 (394545)			1.21
D63827 (394546)			0.007
D63828 (394547)			0.005
D63829 (394548)			0.004
D63830 (394549)			0.021
D63831 (394550)			0.015
D63832 (394551)			0.003
D63833 (394552)			0.009
D63834 (394553)			0.007
D63835 (394554)			0.007
D63836 (394555)			0.011
D63837 (394556)			0.006
D63838 (394557)			0.006
D63839 (394558)			0.005
D63840 (394559)			0.004
D63841 (394560)			0.007
D63842 (394561)			0.017
D63843 (394562)			0.003
D63844 (394563)			0.005
D63845 (394564)			0.028
D63846 (394565)			1.23
D63847 (394566)			0.023
D63848 (394567)			0.007
D63849 (394568)			0.003
D63850 (394569)			0.005
D63851 (394570)			0.003
D63852 (394571)			0.003
D63853 (394572)			0.008
D63854 (394573)			0.005
D63855 (394574)			0.019
D63856 (394575)			0.032

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T499173

PROJECT: AGAT00717

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D63857 (394576)			0.004
D63858 (394577)			0.005
D63859 (394578)			0.004
D63860 (394579)			0.005
D63861 (394580)			0.003
D63862 (394581)			0.006
D63863 (394582)			0.007
D63864 (394583)			0.004
D63865 (394584)			0.007
D63866 (394585)			0.328
D63867 (394586)			0.002
D63868 (394587)			0.002
D63869 (394588)			0.002
D63870 (394589)			0.003
D63871 (394590)			0.002
D63872 (394591)			0.002
D63873 (394592)			0.002
D63874 (394593)			0.007
D63875 (394594)			0.004
D63876 (394595)			0.013
D63877 (394596)			0.002
D63878 (394597)			0.003
D63879 (394598)			0.051
D63880 (394599)			0.003
D63881 (394600)			0.004
D63882 (394601)			0.002
D63883 (394602)			<0.001
D63884 (394603)			<0.001
D63885 (394604)			<0.001
D63886 (394605)			1.24
D63887 (394606)			0.001
D63888 (394607)			<0.001

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T499173

PROJECT: AGAT00717

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 29, 2019      DATE RECEIVED: Jul 30, 2019      DATE REPORTED: Aug 15, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D63889 (394608)			<0.001
D63890 (394609)			<0.001
D63891 (394610)			0.002
D63892 (394611)			<0.001
D63893 (394612)			<0.001
D63894 (394613)			<0.001
D63895 (394614)			<0.001
D63896 (394615)			0.011
D63897 (394616)			0.001
D63898 (394617)			0.001

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T499173

PROJECT: AGAT00717

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D63825 (394544)		87.79
D63844 (394563)		86.54
D63864 (394583)		83.51
D63884 (394603)		82.83

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Val D'Or (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T499173

PROJECT: AGAT00717

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D63825 (394544)		87.68
D63864 (394583)		93.36

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Val D'Or (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	394544	< 0.5	< 0.5	0.0%	394558	0.5	< 0.5		394569	0.75	0.66	12.8%	394583	< 0.5	< 0.5	0.0%
Al	394544	7.59	7.49	1.3%	394558	7.49	7.78	3.8%	394569	6.04	6.14	1.6%	394583	6.98	6.79	2.8%
As	394544	< 1	< 1	0.0%	394558	< 1	< 1	0.0%	394569	< 1	< 1	0.0%	394583	< 1	< 1	0.0%
Ba	394544	561	550	2.0%	394558	485	525	7.9%	394569	205	214	4.3%	394583	336	323	3.9%
Be	394544	0.9	0.9	0.0%	394558	1.80	1.87	3.8%	394569	1.01	1.10	8.5%	394583	1.0	1.0	0.0%
Bi	394544	< 1	< 1	0.0%	394558	< 1	< 1	0.0%	394569	< 1	< 1	0.0%	394583	< 1	< 1	0.0%
Ca	394544	3.92	3.87	1.3%	394558	3.15	3.26	3.4%	394569	1.78	1.77	0.6%	394583	2.76	2.71	1.8%
Cd	394544	< 0.5	< 0.5	0.0%	394558	< 0.5	< 0.5	0.0%	394569	< 0.5	< 0.5	0.0%	394583	< 0.5	< 0.5	0.0%
Ce	394544	31	31	0.0%	394558	44	45	2.2%	394569	24	23	4.3%	394583	58	58	0.0%
Co	394544	27.2	26.1	4.1%	394558	25.1	25.2	0.4%	394569	1.9	2.2	14.6%	394583	10.7	10.7	0.0%
Cr	394544	295	287	2.7%	394558	161	170	5.4%	394569	69.5	71.1	2.3%	394583	111	103	7.5%
Cu	394544	71.4	73.4	2.8%	394558	38.9	41.8	7.2%	394569	19.3	20.5	6.0%	394583	27.4	27.3	0.4%
Fe	394544	6.40	6.29	1.7%	394558	5.13	5.27	2.7%	394569	3.97	4.04	1.7%	394583	3.84	3.74	2.6%
Ga	394544	23	24	4.3%	394558	21	20	4.9%	394569	24	24	0.0%	394583	19	18	5.4%
In	394544	< 1	< 1	0.0%	394558	< 1	< 1	0.0%	394569	< 1	< 1	0.0%	394583	< 1	< 1	0.0%
K	394544	1.30	1.27	2.3%	394558	1.10	1.14	3.6%	394569	0.432	0.447	3.4%	394583	1.26	1.21	4.0%
La	394544	15	15	0.0%	394558	21	21	0.0%	394569	15	15	0.0%	394583	26	26	0.0%
Li	394544	59	58	1.7%	394558	59	61	3.3%	394569	7	7	0.0%	394583	27	25	7.7%
Mg	394544	2.33	2.31	0.9%	394558	2.66	2.77	4.1%	394569	0.06	0.06	0.0%	394583	1.14	1.10	3.6%
Mn	394544	529	526	0.6%	394558	368	382	3.7%	394569	165	174	5.3%	394583	583	565	3.1%
Mo	394544	2.5	2.6	3.9%	394558	1.77	1.86	5.0%	394569	2.31	2.51	8.3%	394583	3.32	3.71	11.1%
Na	394544	2.16	2.12	1.9%	394558	3.33	3.45	3.5%	394569	2.94	2.87	2.4%	394583	2.62	2.60	0.8%
Ni	394544	113	110	2.7%	394558	75.1	77.4	3.0%	394569	8.6	9.9	14.1%	394583	27.2	27.1	0.4%
P	394544	545	542	0.6%	394558	963	996	3.4%	394569	18	24	28.6%	394583	525	509	3.1%
Pb	394544	< 20	< 20	0.0%	394558	< 20	< 20	0.0%	394569	< 20	< 20	0.0%	394583	< 20	< 20	0.0%
Rb	394544	< 50	< 50	0.0%	394558	< 50	< 50	0.0%	394569	< 50	< 50	0.0%	394583	< 50	< 50	0.0%
S	394544	3.40	3.32	2.4%	394558	3.11	3.20	2.9%	394569	0.403	0.384	4.8%	394583	0.04	0.04	0.0%
Sb	394544	< 1	< 1	0.0%	394558	< 1	2		394569	< 1	2		394583	< 1	< 1	0.0%
Sc	394544	20	20	0.0%	394558	21	21	0.0%	394569	1	1	0.0%	394583	14	14	0.0%
Se	394544	< 10	< 10	0.0%	394558	< 10	< 10	0.0%	394569	< 10	< 10	0.0%	394583	< 10	< 10	0.0%
Sn	394544	< 5	< 5	0.0%	394558	< 5	< 5	0.0%	394569	< 5	< 5	0.0%	394583	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	394544	280	274	2.2%	394558	278	288	3.5%	394569	268	263	1.9%	394583	181	180	0.6%
Ta	394544	< 10	< 10	0.0%	394558	< 10	< 10	0.0%	394569	< 10	< 10	0.0%	394583	< 10	< 10	0.0%
Te	394544	< 10	< 10	0.0%	394558	< 10	< 10	0.0%	394569	< 10	< 10	0.0%	394583	< 10	< 10	0.0%
Th	394544	< 5	< 5	0.0%	394558	< 5	< 5	0.0%	394569	< 5	< 5	0.0%	394583	< 5	< 5	0.0%
Ti	394544	0.30	0.30	0.0%	394558	0.151	0.159	5.2%	394569	0.120	0.126	4.9%	394583	0.35	0.35	0.0%
Tl	394544	< 5	< 5	0.0%	394558	< 5	< 5	0.0%	394569	< 5	< 5	0.0%	394583	< 5	< 5	0.0%
U	394544	< 50	< 50	0.0%	394558	< 50	< 50	0.0%	394569	< 50	< 50	0.0%	394583	< 50	< 50	0.0%
V	394544	121	119	1.7%	394558	114	116	1.7%	394569	30.7	31.8	3.5%	394583	57.9	57.1	1.4%
W	394544	< 1	< 1	0.0%	394558	< 1	< 1	0.0%	394569	< 1	< 1	0.0%	394583	< 1	< 1	0.0%
Y	394544	19	19	0.0%	394558	19	20	5.1%	394569	1	1	0.0%	394583	27	26	3.8%
Zn	394544	83.7	81.9	2.2%	394558	73.5	74.3	1.1%	394569	57.2	61.7	7.6%	394583	65.2	62.2	4.7%
Zr	394544	95	94	1.1%	394558	116	123	5.9%	394569	154	136	12.4%	394583	142	156	9.4%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	394594	< 0.5	< 0.5	0.0%	394608	< 0.5	< 0.5	0.0%								
Al	394594	8.03	8.04	0.1%	394608	6.19	6.20	0.2%								
As	394594	1	< 1		394608	< 1	< 1	0.0%								
Ba	394594	435	444	2.0%	394608	213	217	1.9%								
Be	394594	0.9	0.9	0.0%	394608	1.11	1.16	4.4%								
Bi	394594	< 1	< 1	0.0%	394608	< 1	< 1	0.0%								
Ca	394594	2.75	2.83	2.9%	394608	4.48	4.46	0.4%								
Cd	394594	< 0.5	< 0.5	0.0%	394608	< 0.5	< 0.5	0.0%								
Ce	394594	52	44	16.7%	394608	17	16	6.1%								
Co	394594	8.9	8.9	0.0%	394608	47.5	47.3	0.4%								
Cr	394594	84.5	77.2	9.0%	394608	693	657	5.3%								
Cu	394594	11.7	9.6	19.7%	394608	2.89	2.65	8.7%								
Fe	394594	3.17	3.23	1.9%	394608	7.06	7.15	1.3%								
Ga	394594	20	20	0.0%	394608	25	25	0.0%								
In	394594	< 1	< 1	0.0%	394608	< 1	< 1	0.0%								
K	394594	1.34	1.36	1.5%	394608	2.41	2.46	2.1%								
La	394594	32	27	16.9%	394608	9	8	11.8%								
Li	394594	20	20	0.0%	394608	64	65	1.6%								
Mg	394594	1.05	1.08	2.8%	394608	6.81	6.94	1.9%								
Mn	394594	327	336	2.7%	394608	1110	1100	0.9%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	394594	2.21	2.12	4.2%	394608	1.5	1.5	0.0%								
Na	394594	3.02	3.07	1.6%	394608	1.60	1.61	0.6%								
Ni	394594	17.1	16.6	3.0%	394608	362	362	0.0%								
P	394594	227	217	4.5%	394608	496	474	4.5%								
Pb	394594	< 20	< 20	0.0%	394608	< 20	< 20	0.0%								
Rb	394594	< 50	< 50	0.0%	394608	< 50	< 50	0.0%								
S	394594	0.02	0.02	0.0%	394608	0.015	0.019	23.5%								
Sb	394594	< 1	< 1	0.0%	394608	5	5	0.0%								
Sc	394594	8	8	0.0%	394608	24	24	0.0%								
Se	394594	< 10	< 10	0.0%	394608	< 10	< 10	0.0%								
Sn	394594	< 5	< 5	0.0%	394608	< 5	< 5	0.0%								
Sr	394594	305	309	1.3%	394608	175	175	0.0%								
Ta	394594	< 10	< 10	0.0%	394608	< 10	< 10	0.0%								
Te	394594	< 10	< 10	0.0%	394608	< 10	< 10	0.0%								
Th	394594	< 5	< 5	0.0%	394608	< 5	< 5	0.0%								
Ti	394594	0.34	0.35	2.9%	394608	0.422	0.432	2.3%								
Tl	394594	< 5	< 5	0.0%	394608	< 5	< 5	0.0%								
U	394594	< 50	< 50	0.0%	394608	< 50	< 50	0.0%								
V	394594	51.2	53.7	4.8%	394608	146	146	0.0%								
W	394594	< 1	< 1	0.0%	394608	< 1	< 1	0.0%								
Y	394594	4	4	0.0%	394608	15	14	6.9%								
Zn	394594	67.9	72.7	6.8%	394608	89.6	93.5	4.3%								
Zr	394594	133	140	5.1%	394608	62	59	5.0%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	394544	0.016	0.015	6.5%	394558	0.005	0.006	18.2%	394569	0.0050	0.0057	13.1%	394583	0.004	0.002	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	394594	0.004	0.001		394608	< 0.001	< 0.001	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	2.94	97%	90% - 110%
Al	10.95	10.87	99%	90% - 110%	8.17	8.11	99%	90% - 110%	6.96	6.84	98%	90% - 110%	4.75	4.77	100%	90% - 110%
As					26	24	93%	90% - 110%	124	124	100%	90% - 110%				
Ba	340	330	97%	90% - 110%	540	494	92%	90% - 110%	186	178	96%	90% - 110%	216	207	96%	90% - 110%
Be	2.6	2.7	106%	90% - 110%	4.0	3.3	82%	90% - 110%								
Ca	5.72	5.63	98%	90% - 110%	0.907	0.883	97%	90% - 110%	4.01	3.87	96%	90% - 110%	10	9	93%	90% - 110%
Ce	122	113	93%	90% - 110%	98	97	98%	90% - 110%	24	20	84%	90% - 110%				
Co									22.1	20.8	94%	90% - 110%	191	178	93%	90% - 110%
Cr					60.3	62.9	104%	90% - 110%					670	519	77%	90% - 110%
Cu					150	151	101%	90% - 110%	88.6	82.4	93%	90% - 110%	7120	7357	103%	90% - 110%
Fe	4.34	4.25	98%	90% - 110%	3.77	3.77	100%	90% - 110%	7.56	7.48	99%	90% - 110%	12.71	12.02	95%	90% - 110%
Ga	35	35	99%	90% - 110%												
K	1.37	1.46	106%	90% - 110%					2.021	2.084	103%	90% - 110%	0.1021	0.1055	103%	90% - 110%
La	58	55	95%	90% - 110%	44	42	95%	90% - 110%					8.47	7.88	93%	90% - 110%
Li	37	38	103%	90% - 110%	47	47	100%	90% - 110%								
Mg	0.325	0.302	93%	90% - 110%	1.10	1.08	98%	90% - 110%	2.412	2.382	99%	90% - 110%	7.41	7.15	96%	90% - 110%
Mn					780	785	101%	90% - 110%	1510	1557	103%	90% - 110%				
Mo					14	13	95%	90% - 110%					2.49	3.16	127%	90% - 110%
Na	5.267	5.184	98%	90% - 110%	1.624	1.616	99%	90% - 110%	0.617	0.601	97%	90% - 110%	0.112	0.113	101%	90% - 110%
Ni					32	32	100%	90% - 110%	77.1	71.4	93%	90% - 110%	2480	2047	83%	90% - 110%
P					750	721	96%	90% - 110%	892	876	98%	90% - 110%	731	705	96%	90% - 110%
Pb					31	27	87%	90% - 110%								
S									0.348	0.324	93%	90% - 110%				
Sb					0.8	0.7	87%	90% - 110%								
Sc	1.1	1.1	98%	90% - 110%	12	13	106%	90% - 110%					21.33	21.72	102%	90% - 110%
Sr	1191	1141	96%	90% - 110%	144	146	101%	90% - 110%	92.8	86.2	93%	90% - 110%	39	37	95%	90% - 110%
Ti	0.172	0.175	102%	90% - 110%	0.53	0.5	94%	90% - 110%					0.419	0.417	99%	90% - 110%
V	8	8	104%	90% - 110%	77	81	105%	90% - 110%					158	167	106%	90% - 110%
Y	119	126	106%	90% - 110%									12.67	13.19	104%	90% - 110%
Zn	93	94	101%	90% - 110%	130	123	95%	90% - 110%	208	205	99%	90% - 110%	112	109	97%	90% - 110%
Zr													35.7	36.9	103%	90% - 110%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #5 (ref.SY-4)															
	Expect	Actual	Recovery	Limits												
Al	10.95	10.67	97%	90% - 110%												
Ba	340	320	94%	90% - 110%												
Be	2.6	2.6	99%	90% - 110%												
Ca	5.72	5.51	96%	90% - 110%												
Ce	122	115	94%	90% - 110%												
Fe	4.34	4.16	96%	90% - 110%												
Ga	35	38	108%	90% - 110%												
K	1.37	1.48	108%	90% - 110%												
La	58	57	97%	90% - 110%												
Li	37	39	106%	90% - 110%												
Mg	0.325	0.303	93%	90% - 110%												
Na	5.267	5.318	101%	90% - 110%												
Ni	9	6	72%	90% - 110%												
Sc	1.1	1.1	99%	90% - 110%												
Sr	1191	1134	95%	90% - 110%												
Ti	0.172	0.171	99%	90% - 110%												
V	8	8	103%	90% - 110%												
Y	119	127	107%	90% - 110%												
Zn	93	90	96%	90% - 110%												

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP7M)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.27	4.98	94%	90% - 110%	6.87	6.52	95%	90% - 110%	0.725	0.769	106%	90% - 110%	0.562	0.529	94%	90% - 110%

Parameter	CRM #5 (ref.GS6F)															
	Expect	Actual	Recovery	Limits												
Au	6.87	6.61	96%	90% - 110%												



## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19T499173

PROJECT: AGAT00717

ATTENTION TO: Craig Yuill

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00718

AGAT WORK ORDER: 19T499181

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Aug 16, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T499181

PROJECT: AGAT00718

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D63899 (394693)		2.55
D63900 (394694)		2.39
D63901 (394695)		2.93
D63902 (394696)		1.02
D63903 (394697)		2.27
D63904 (394698)		2.49
D63905 (394699)		2.50
D63906 (394700)		0.06
D63907 (394701)		3.17
D63908 (394702)		1.98
D63909 (394703)		2.39
D63910 (394704)		1.76
D63911 (394705)		2.03
D63912 (394706)		0.55
D63913 (394707)		2.47
D63914 (394708)		2.52
D63915 (394709)		2.40
D63916 (394710)		2.45
D63917 (394711)		1.89
D63918 (394712)		-
D63919 (394713)		2.51
D63920 (394714)		2.48
D63921 (394715)		2.57
D63922 (394716)		2.28
D63923 (394717)		1.38
D63924 (394718)		3.15
D63925 (394719)		1.36
D63926 (394720)		0.06
D63927 (394721)		0.73
D63928 (394722)		1.19
D63929 (394723)		1.04

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T499181

PROJECT: AGAT00718

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D63930 (394724)		0.87
D63931 (394725)		2.31
D63932 (394726)		0.55
D63933 (394727)		2.37
D63934 (394728)		2.16
D63935 (394729)		2.26
D63936 (394730)		2.29
D63937 (394731)		0.97
D63938 (394732)		-
D63939 (394733)		1.30
D63940 (394734)		0.77
D63941 (394735)		1.98
D63942 (394736)		2.42
D63943 (394737)		2.40
D63944 (394738)		2.61
D63945 (394739)		2.37
D63946 (394740)		0.06
D63947 (394741)		3.20
D63948 (394742)		2.85
D63949 (394743)		2.48
D63950 (394744)		3.43
D63951 (394745)		2.22
D63952 (394746)		0.47
D63953 (394747)		2.49
D63954 (394748)		1.91
D63955 (394749)		2.78
D63956 (394750)		1.09
D63957 (394751)		3.10
D63958 (394752)		-
D63959 (394753)		2.72
D63960 (394754)		2.55

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T499181

PROJECT: AGAT00718

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D63961 (394755)		2.15
D63962 (394756)		2.37
D63963 (394757)		2.55
D63964 (394758)		2.36
D63965 (394759)		1.13
D63966 (394760)		0.06
D63967 (394761)		1.09
D63968 (394762)		2.95
D63969 (394763)		2.55
D63970 (394764)		2.30

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Val D'Or (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T499181

PROJECT: AGAT00718

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D63899 (394693)		<0.5	7.68	<1	198	<0.5	<1	5.17	<0.5	56	28.0	251	71.6	5.16	18
D63900 (394694)		<0.5	7.93	<1	100	<0.5	<1	6.14	<0.5	16	31.2	329	20.0	5.88	16
D63901 (394695)		<0.5	8.45	<1	144	<0.5	<1	5.88	<0.5	21	33.9	278	13.4	6.16	19
D63902 (394696)		<0.5	4.01	<1	420	4.4	<1	7.67	<0.5	108	47.5	358	116	7.56	20
D63903 (394697)		<0.5	7.66	<1	374	1.3	<1	5.45	<0.5	17	29.7	306	55.3	5.58	19
D63904 (394698)		<0.5	7.86	<1	494	0.9	<1	5.37	<0.5	17	31.0	329	88.6	5.66	18
D63905 (394699)		<0.5	8.68	<1	284	<0.5	<1	5.48	<0.5	22	37.0	346	59.9	6.49	19
D63906 (394700)		<0.5	7.44	<1	150	<0.5	<1	6.72	<0.5	6	42.0	189	152	7.88	20
D63907 (394701)		<0.5	8.27	<1	313	0.5	<1	4.82	<0.5	20	35.2	349	31.5	5.98	19
D63908 (394702)		<0.5	7.31	3	1240	1.0	<1	1.60	<0.5	48	2.7	83.8	6.8	1.10	15
D63909 (394703)		<0.5	5.33	16	5740	1.2	<1	1.67	1.3	609	12.3	179	12.9	2.08	12
D63910 (394704)		<0.5	2.16	2	469	9.0	<1	6.25	<0.5	44	57.2	358	78.2	8.96	14
D63911 (394705)		<0.5	8.01	<1	2290	0.7	<1	4.23	<0.5	39	27.7	303	7.9	5.31	18
D63912 (394706)		<0.5	0.08	2	18	<0.5	<1	31.3	<0.5	2	0.6	23.3	<0.5	0.11	5
D63913 (394707)		<0.5	7.49	<1	699	0.8	<1	4.52	<0.5	28	26.3	316	4.5	4.88	19
D63914 (394708)		<0.5	8.39	<1	308	0.8	<1	4.97	<0.5	37	21.5	212	96.6	4.48	20
D63915 (394709)		<0.5	8.13	<1	302	0.6	<1	4.61	<0.5	31	28.2	280	7.6	5.10	19
D63916 (394710)		<0.5	8.14	<1	513	0.8	<1	4.20	<0.5	37	23.4	241	49.0	4.56	21
D63917 (394711)		<0.5	7.89	<1	272	<0.5	<1	4.02	<0.5	33	23.9	267	14.4	4.55	19
D63918 (394712)		<0.5	7.70	<1	272	0.5	<1	4.02	<0.5	32	23.1	267	13.1	4.47	18
D63919 (394713)		<0.5	8.14	<1	283	0.8	<1	4.44	<0.5	31	27.7	303	34.7	5.23	20
D63920 (394714)		<0.5	7.86	<1	155	0.9	<1	4.82	<0.5	20	37.3	484	59.7	6.04	17
D63921 (394715)		<0.5	7.43	<1	311	1.4	<1	4.10	<0.5	26	28.9	339	32.3	5.13	17
D63922 (394716)		<0.5	7.68	<1	342	1.0	<1	3.89	<0.5	30	26.4	276	15.4	5.04	18
D63923 (394717)		<0.5	7.40	<1	459	1.2	<1	1.98	<0.5	11	10.0	162	4.2	3.41	22
D63924 (394718)		<0.5	7.81	<1	250	0.7	<1	3.44	<0.5	44	18.0	199	<0.5	4.03	19
D63925 (394719)		<0.5	8.09	<1	448	1.6	<1	3.01	<0.5	55	18.2	175	10.0	4.17	23
D63926 (394720)		<0.5	7.41	<1	147	<0.5	<1	6.64	<0.5	6	42.8	174	147	7.77	19
D63927 (394721)		<0.5	7.63	<1	534	1.5	<1	2.02	<0.5	17	9.6	144	1.6	2.90	23
D63928 (394722)		<0.5	7.74	<1	416	3.0	<1	2.53	<0.5	64	13.3	151	17.1	3.29	21
D63929 (394723)		<0.5	3.26	<1	739	3.5	<1	9.32	<0.5	198	54.7	323	147	8.58	18
D63930 (394724)		0.5	8.10	<1	353	1.2	<1	3.09	<0.5	60	14.8	164	42.1	3.31	18

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T499181

PROJECT: AGAT00718

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D63931 (394725)		<0.5	4.72	<1	152	1.5	<1	4.23	<0.5	21	73.6	886	76.5	7.48	14
D63932 (394726)		<0.5	0.07	<1	13	<0.5	<1	29.4	<0.5	2	0.8	19.0	<0.5	0.14	6
D63933 (394727)		<0.5	7.54	<1	341	0.7	<1	2.37	<0.5	57	17.2	158	79.8	3.38	17
D63934 (394728)		<0.5	8.83	<1	293	0.6	<1	4.55	<0.5	30	22.2	84.6	3.8	5.20	20
D63935 (394729)		<0.5	7.75	<1	431	1.2	<1	2.80	<0.5	50	12.6	128	68.9	3.11	18
D63936 (394730)		<0.5	7.79	<1	527	0.9	<1	2.09	<0.5	56	9.0	109	20.2	2.90	19
D63937 (394731)		<0.5	7.35	<1	359	1.1	<1	2.15	<0.5	44	4.9	107	28.4	1.52	17
D63938 (394732)		<0.5	7.35	1	360	1.1	<1	2.15	<0.5	47	4.2	109	27.3	1.51	17
D63939 (394733)		<0.5	7.22	<1	484	1.0	<1	2.38	<0.5	58	9.5	122	11.6	2.99	19
D63940 (394734)		<0.5	7.60	3	399	1.0	<1	2.33	<0.5	49	5.6	114	5.5	1.82	18
D63941 (394735)		<0.5	7.40	<1	404	0.7	<1	2.63	<0.5	58	10.4	136	11.6	3.28	19
D63942 (394736)		<0.5	7.64	<1	359	0.7	<1	3.24	<0.5	50	14.6	170	4.5	3.91	19
D63943 (394737)		<0.5	7.38	<1	301	0.5	<1	3.41	<0.5	44	15.2	208	7.3	3.86	17
D63944 (394738)		<0.5	7.66	<1	268	0.6	<1	3.53	<0.5	44	15.0	200	2.9	3.93	18
D63945 (394739)		<0.5	7.62	<1	236	0.6	<1	3.39	<0.5	46	15.6	215	<0.5	3.72	18
D63946 (394740)		<0.5	7.40	<1	153	<0.5	<1	6.77	<0.5	6	40.9	167	155	7.92	20
D63947 (394741)		<0.5	7.93	<1	262	0.7	<1	3.78	<0.5	44	18.6	200	11.1	4.46	18
D63948 (394742)		<0.5	7.64	<1	141	<0.5	<1	5.77	<0.5	9	44.5	377	107	7.80	19
D63949 (394743)		<0.5	6.71	<1	61	<0.5	<1	5.58	<0.5	13	62.6	533	57.2	7.32	18
D63950 (394744)		<0.5	6.31	<1	90	<0.5	<1	5.31	<0.5	15	75.0	611	91.8	8.17	18
D63951 (394745)		<0.5	8.25	<1	150	0.6	<1	6.14	<0.5	14	39.6	546	46.2	5.56	16
D63952 (394746)		<0.5	0.05	3	13	<0.5	<1	31.0	<0.5	2	0.9	25.2	<0.5	0.11	5
D63953 (394747)		0.5	5.41	1	393	1.9	<1	4.35	<0.5	11	92.3	758	888	8.16	15
D63954 (394748)		<0.5	5.18	7	454	2.3	<1	3.69	<0.5	24	78.6	923	4.2	8.08	15
D63955 (394749)		<0.5	5.70	76	1070	3.7	<1	1.20	<0.5	4	27.6	312	8.0	4.66	21
D63956 (394750)		<0.5	3.20	13	56	3.3	<1	2.25	<0.5	3	86.0	1050	47.1	7.60	13
D63957 (394751)		<0.5	4.99	1	194	<0.5	<1	3.86	<0.5	15	87.8	1120	20.5	8.02	13
D63958 (394752)		<0.5	4.99	2	199	<0.5	<1	3.86	<0.5	15	89.4	1080	20.7	8.00	12
D63959 (394753)		<0.5	6.25	<1	300	0.5	<1	4.63	<0.5	11	51.3	807	9.9	6.68	15
D63960 (394754)		<0.5	5.36	3	321	0.8	<1	4.47	<0.5	12	51.1	988	12.5	6.94	14
D63961 (394755)		<0.5	5.81	13	462	0.7	<1	4.37	<0.5	12	47.7	698	<0.5	6.75	15
D63962 (394756)		<0.5	6.37	4	469	0.6	<1	3.69	<0.5	19	34.7	452	<0.5	5.91	16

Certified By:



## Certificate of Analysis

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PROJECT: AGAT00718

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D63963 (394757)		<0.5	6.91	<1	387	0.7	<1	5.63	<0.5	17	42.8	498	7.9	6.96	18
D63964 (394758)		<0.5	7.37	<1	241	6.8	<1	5.50	<0.5	24	56.9	357	379	8.87	22
D63965 (394759)		<0.5	7.52	<1	346	4.3	<1	5.08	<0.5	15	46.6	393	86.7	7.26	18
D63966 (394760)		<0.5	7.72	<1	158	<0.5	<1	7.13	<0.5	6	41.4	169	156	7.7	19
D63967 (394761)		<0.5	2.07	<1	417	4.6	<1	8.88	<0.5	174	63.7	409	73.4	7.71	16
D63968 (394762)		<0.5	7.44	<1	228	0.9	<1	4.68	<0.5	22	34.1	244	19.0	5.69	20
D63969 (394763)		<0.5	8.41	<1	152	1.0	<1	5.03	<0.5	21	27.5	201	3.9	5.58	20
D63970 (394764)		<0.5	8.41	<1	102	<0.5	<1	5.12	<0.5	22	28.1	197	<0.5	5.59	21

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D63899 (394693)		<1	0.79	29	21	2.50	1000	0.6	2.26	115	518	<20	<50	0.08	<1
D63900 (394694)		<1	0.63	8	22	2.98	1190	<0.5	2.30	114	527	<20	<50	0.03	<1
D63901 (394695)		<1	0.49	11	23	3.15	1170	<0.5	2.49	111	591	<20	<50	0.02	<1
D63902 (394696)		<1	4.14	50	64	5.30	1280	6.3	1.50	191	1840	<20	<50	0.13	<1
D63903 (394697)		<1	1.66	8	40	3.22	1040	1.5	2.56	117	586	<20	<50	0.03	<1
D63904 (394698)		<1	0.36	9	40	3.26	978	<0.5	2.63	101	505	<20	<50	0.02	<1
D63905 (394699)		<1	0.52	10	24	3.88	1050	<0.5	2.94	117	586	<20	<50	0.02	<1
D63906 (394700)		<1	0.20	5	13	4.16	1380	<0.5	2.28	81.1	388	<20	<50	0.15	<1
D63907 (394701)		<1	1.21	10	33	4.10	1030	<0.5	2.90	132	547	<20	<50	0.03	<1
D63908 (394702)		<1	1.78	27	18	0.33	110	1.5	3.27	7.1	84	<20	<50	0.02	<1
D63909 (394703)		<1	2.77	369	21	0.78	344	7.2	2.05	38.1	598	39	<50	0.29	<1
D63910 (394704)		<1	2.75	25	690	7.18	1380	5.6	1.09	389	1900	<20	<50	0.19	<1
D63911 (394705)		<1	1.12	18	26	3.47	877	<0.5	3.12	119	547	<20	<50	0.05	<1
D63912 (394706)		2	0.02	<2	6	3.06	55	<0.5	0.05	1.4	77	<20	<50	0.01	<1
D63913 (394707)		<1	1.04	13	29	3.24	906	<0.5	2.71	116	597	<20	<50	0.01	<1
D63914 (394708)		<1	0.60	17	19	2.64	792	0.6	3.01	80.2	684	<20	<50	0.06	<1
D63915 (394709)		<1	0.93	14	29	3.25	859	<0.5	2.83	119	585	<20	<50	0.01	<1
D63916 (394710)		<1	1.01	17	25	2.70	737	<0.5	2.90	90.1	710	<20	<50	0.04	<1
D63917 (394711)		<1	1.00	15	29	2.79	743	<0.5	2.81	101	534	<20	<50	0.01	<1
D63918 (394712)		<1	0.96	14	28	2.74	727	<0.5	2.82	95.4	533	<20	<50	0.01	<1
D63919 (394713)		<1	0.95	14	32	3.35	895	0.7	2.82	120	593	<20	<50	0.01	<1
D63920 (394714)		<1	0.74	10	22	5.14	1050	<0.5	2.81	228	459	<20	<50	<0.01	<1
D63921 (394715)		<1	1.18	12	28	3.59	882	<0.5	2.66	145	451	<20	<50	0.01	<1
D63922 (394716)		<1	1.60	14	36	3.18	917	<0.5	2.71	104	637	<20	<50	0.01	<1
D63923 (394717)		<1	1.75	6	46	1.12	389	1.2	2.93	39.2	156	<20	<50	0.01	<1
D63924 (394718)		<1	1.35	19	28	1.91	665	0.6	2.78	58.9	557	<20	<50	<0.01	<1
D63925 (394719)		<1	1.83	28	45	2.22	626	0.7	3.37	84.0	687	<20	<50	0.03	<1
D63926 (394720)		<1	0.20	5	13	4.19	1390	<0.5	2.24	82.6	385	<20	<50	0.14	<1
D63927 (394721)		<1	1.80	10	30	0.97	323	0.6	3.22	34.9	368	<20	<50	0.02	<1
D63928 (394722)		<1	1.92	29	50	1.48	495	0.8	3.52	47.9	530	<20	<50	0.03	<1
D63929 (394723)		<1	1.99	90	44	6.96	1640	1.8	2.15	291	3380	<20	<50	0.22	<1
D63930 (394724)		<1	1.01	26	49	1.79	534	1.2	4.35	84.2	519	<20	<50	0.04	<1

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## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D63931 (394725)		<1	1.80	11	87	8.97	1290	7.9	1.83	892	307	<20	<50	0.03	<1
D63932 (394726)		<1	0.02	<2	11	2.80	92	<0.5	0.03	1.6	63	<20	<50	<0.01	<1
D63933 (394727)		<1	0.93	25	14	1.56	495	<0.5	3.43	149	554	<20	<50	0.05	<1
D63934 (394728)		<1	0.57	14	12	2.18	830	0.6	3.76	50.6	654	<20	<50	0.01	<1
D63935 (394729)		<1	1.05	23	21	1.19	426	0.7	3.23	34.4	560	<20	<50	0.06	<1
D63936 (394730)		<1	1.65	26	27	0.94	318	0.6	3.21	30.7	643	<20	<50	0.03	<1
D63937 (394731)		<1	1.05	22	15	0.44	175	0.9	3.58	12.9	339	<20	<50	0.03	<1
D63938 (394732)		<1	1.04	23	16	0.44	176	<0.5	3.64	12.7	346	<20	<50	0.04	<1
D63939 (394733)		<1	1.47	27	25	0.94	400	0.7	3.15	22.5	599	<20	<50	0.03	<1
D63940 (394734)		<1	1.36	25	12	0.62	242	0.8	3.30	14.1	298	<20	<50	0.02	<1
D63941 (394735)		<1	1.30	26	24	0.98	492	1.3	2.85	25.5	589	<20	<50	0.02	<1
D63942 (394736)		<1	1.66	22	23	1.65	651	0.5	2.87	46.1	532	<20	<50	0.02	<1
D63943 (394737)		<1	1.12	20	23	1.74	682	1.7	2.71	52.2	507	<20	<50	0.02	<1
D63944 (394738)		<1	1.35	19	18	1.80	679	1.0	2.86	52.7	478	<20	<50	0.02	<1
D63945 (394739)		<1	1.15	20	19	1.79	601	0.5	2.97	56.1	564	<20	<50	0.02	<1
D63946 (394740)		<1	0.20	5	13	4.14	1380	<0.5	2.30	81.1	372	<20	<50	0.15	<1
D63947 (394741)		<1	0.66	19	16	2.26	726	<0.5	3.46	67.9	644	<20	<50	0.02	<1
D63948 (394742)		<1	0.82	6	28	5.11	1320	<0.5	2.59	156	291	<20	<50	0.09	<1
D63949 (394743)		<1	0.37	7	64	7.52	1230	<0.5	2.21	457	335	<20	<50	<0.01	<1
D63950 (394744)		<1	0.29	8	75	8.95	1320	<0.5	1.80	559	434	<20	<50	<0.01	<1
D63951 (394745)		<1	0.52	7	18	5.62	1020	<0.5	2.84	203	522	<20	<50	<0.01	<1
D63952 (394746)		1	<0.01	<2	2	2.10	71	<0.5	0.03	2.1	65	<20	<50	<0.01	<1
D63953 (394747)		<1	1.20	6	47	9.32	1180	<0.5	2.19	1340	256	<20	<50	0.10	<1
D63954 (394748)		<1	2.11	11	64	9.83	1300	<0.5	1.62	921	1440	<20	<50	0.01	<1
D63955 (394749)		<1	3.26	4	150	2.95	458	0.8	2.47	292	69	121	<50	0.05	<1
D63956 (394750)		<1	1.79	3	230	10.3	1150	<0.5	3.02	1040	240	<20	<50	0.06	<1
D63957 (394751)		<1	1.25	8	28	11.5	1330	<0.5	1.03	1110	289	<20	<50	0.01	<1
D63958 (394752)		<1	1.24	8	28	11.5	1320	<0.5	1.04	1080	295	<20	<50	0.01	<1
D63959 (394753)		<1	0.50	6	29	7.91	1260	<0.5	2.47	404	388	<20	<50	0.01	<1
D63960 (394754)		<1	0.54	6	45	8.43	1370	<0.5	2.43	421	412	<20	<50	0.01	<1
D63961 (394755)		<1	0.78	6	94	6.88	1350	<0.5	2.19	324	443	<20	<50	0.01	<1
D63962 (394756)		<1	0.73	11	36	4.95	1010	<0.5	2.38	217	314	<20	<50	0.02	<1

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## Certificate of Analysis

AGAT WORK ORDER: 19T499181

PROJECT: AGAT00718

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D63963 (394757)		<1	0.58	9	41	5.76	1310	<0.5	2.36	265	424	<20	<50	0.01	<1
D63964 (394758)		<1	0.58	12	68	5.03	1270	<0.5	2.70	227	472	<20	<50	0.16	<1
D63965 (394759)		<1	0.55	9	72	5.05	1090	<0.5	3.11	248	299	<20	<50	0.06	<1
D63966 (394760)		<1	0.21	5	14	4.34	1450	<0.5	2.40	84.3	385	<20	<50	0.15	<1
D63967 (394761)		<1	1.11	80	101	8.35	1560	<0.5	2.69	401	3990	<20	<50	0.12	<1
D63968 (394762)		<1	0.46	12	40	4.01	1040	<0.5	3.18	143	576	<20	<50	0.02	<1
D63969 (394763)		<1	0.37	11	32	3.35	879	<0.5	3.11	103	468	<20	<50	0.01	<1
D63970 (394764)		<1	0.63	11	29	3.14	871	<0.5	3.13	96.2	518	<20	<50	<0.01	<1

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 16, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D63899 (394693)	20	<10	<5	154	<10	<10	<5	0.43	<5	<50	123	<1	17	84.1
D63900 (394694)	24	<10	<5	123	<10	<10	<5	0.42	<5	<50	146	<1	15	69.5
D63901 (394695)	26	<10	<5	152	<10	<10	<5	0.48	<5	<50	168	<1	17	72.2
D63902 (394696)	44	<10	<5	809	<10	<10	<5	1.04	<5	<50	375	<1	21	88.3
D63903 (394697)	25	<10	<5	190	<10	<10	<5	0.38	<5	<50	157	<1	17	71.7
D63904 (394698)	25	<10	<5	169	<10	<10	<5	0.43	<5	<50	157	<1	17	67.8
D63905 (394699)	29	<10	<5	222	<10	<10	<5	0.50	<5	<50	179	<1	19	80.1
D63906 (394700)	46	<10	<5	115	<10	<10	<5	0.70	<5	<50	304	<1	23	74.5
D63907 (394701)	26	<10	<5	274	<10	<10	<5	0.47	<5	<50	160	<1	17	85.0
D63908 (394702)	2	<10	<5	300	<10	<10	<5	0.13	<5	<50	12.7	<1	2	31.4
D63909 (394703)	6	<10	<5	305	<10	<10	67	0.18	<5	<50	49.6	<1	13	1590
D63910 (394704)	60	<10	<5	564	<10	<10	<5	0.42	<5	<50	443	<1	19	116
D63911 (394705)	21	<10	<5	243	<10	<10	<5	0.43	<5	<50	130	<1	20	66.7
D63912 (394706)	<1	<10	<5	66	<10	<10	<5	<0.01	<5	<50	2.9	1	2	3.4
D63913 (394707)	19	<10	<5	254	<10	<10	<5	0.38	<5	<50	115	<1	18	68.0
D63914 (394708)	17	<10	<5	348	<10	<10	<5	0.42	<5	<50	110	<1	19	70.7
D63915 (394709)	22	<10	<5	228	<10	<10	<5	0.43	<5	<50	131	<1	20	67.4
D63916 (394710)	19	<10	<5	229	<10	<10	<5	0.42	<5	<50	125	<1	18	94.5
D63917 (394711)	19	<10	<5	211	<10	<10	<5	0.40	<5	<50	112	<1	20	64.7
D63918 (394712)	19	<10	<5	211	<10	<10	<5	0.40	<5	<50	107	<1	19	62.6
D63919 (394713)	21	<10	<5	230	<10	<10	<5	0.43	<5	<50	126	<1	20	80.0
D63920 (394714)	23	<10	<5	185	<10	<10	<5	0.42	<5	<50	130	<1	15	76.1
D63921 (394715)	21	<10	<5	237	<10	<10	<5	0.39	<5	<50	121	<1	17	72.3
D63922 (394716)	21	<10	<5	236	<10	<10	<5	0.40	<5	<50	128	<1	18	79.4
D63923 (394717)	7	<10	<5	212	<10	<10	<5	0.27	<5	<50	50.3	<1	5	89.3
D63924 (394718)	16	<10	<5	174	<10	<10	<5	0.38	<5	<50	88.9	<1	22	53.6
D63925 (394719)	11	<10	<5	261	<10	<10	<5	0.44	<5	<50	79.1	<1	18	84.8
D63926 (394720)	46	<10	<5	113	<10	<10	<5	0.69	<5	<50	305	<1	23	74.1
D63927 (394721)	6	<10	<5	230	<10	<10	<5	0.29	<5	<50	37.2	<1	6	71.5
D63928 (394722)	13	<10	<5	225	<10	<10	<5	0.34	<5	<50	78.7	<1	17	62.1
D63929 (394723)	21	<10	<5	1090	<10	<10	<5	1.42	<5	<50	234	<1	39	90.7
D63930 (394724)	12	<10	<5	398	<10	<10	<5	0.35	<5	<50	54.6	<1	25	38.3

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## Certificate of Analysis

AGAT WORK ORDER: 19T499181

PROJECT: AGAT00718

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 16, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D63931 (394725)	19	<10	<5	168	<10	<10	<5	0.25	<5	<50	101	<1	14	111
D63932 (394726)	<1	<10	<5	64	<10	<10	<5	<0.01	<5	<50	2.3	<1	2	3.9
D63933 (394727)	12	<10	<5	194	<10	<10	<5	0.37	<5	<50	61.2	<1	21	38.1
D63934 (394728)	21	<10	<5	264	<10	<10	<5	0.51	<5	<50	147	<1	20	54.4
D63935 (394729)	13	<10	<5	247	<10	<10	<5	0.37	<5	<50	72.3	<1	23	32.1
D63936 (394730)	9	<10	<5	216	<10	<10	<5	0.37	<5	<50	51.4	<1	13	46.7
D63937 (394731)	4	<10	<5	232	<10	<10	<5	0.17	<5	<50	23.3	<1	6	29.3
D63938 (394732)	4	<10	<5	233	<10	<10	<5	0.16	<5	<50	24.9	<1	5	30.9
D63939 (394733)	12	<10	<5	182	<10	<10	<5	0.32	<5	<50	52.3	<1	20	49.4
D63940 (394734)	5	<10	<5	211	<10	<10	<5	0.20	<5	<50	30.8	<1	5	31.1
D63941 (394735)	12	<10	<5	170	<10	<10	<5	0.36	<5	<50	60.5	<1	23	46.7
D63942 (394736)	14	<10	<5	179	<10	<10	<5	0.38	<5	<50	77.8	<1	23	59.4
D63943 (394737)	14	<10	<5	165	<10	<10	<5	0.37	<5	<50	77.2	<1	21	58.1
D63944 (394738)	15	<10	<5	170	<10	<10	<5	0.37	<5	<50	77.8	<1	21	50.3
D63945 (394739)	15	<10	<5	173	<10	<10	<5	0.39	<5	<50	83.4	<1	23	37.9
D63946 (394740)	45	<10	<5	116	<10	<10	<5	0.70	<5	<50	301	<1	22	76.3
D63947 (394741)	18	<10	<5	203	<10	<10	<5	0.44	<5	<50	102	<1	21	46.7
D63948 (394742)	39	<10	<5	143	<10	<10	<5	0.51	<5	<50	220	<1	19	74.8
D63949 (394743)	25	<10	<5	121	<10	<10	<5	0.38	<5	<50	149	<1	14	64.4
D63950 (394744)	24	<10	<5	86	<10	<10	<5	0.34	<5	<50	133	<1	14	73.2
D63951 (394745)	34	<10	<5	231	<10	<10	<5	0.35	<5	<50	154	<1	14	39.6
D63952 (394746)	<1	<10	<5	65	<10	<10	<5	<0.01	<5	<50	2.4	1	2	3.1
D63953 (394747)	23	<10	<5	102	<10	<10	<5	0.32	<5	<50	122	<1	17	74.8
D63954 (394748)	20	<10	<5	183	<10	<10	<5	0.36	<5	<50	133	<1	22	113
D63955 (394749)	12	<10	<5	134	<10	<10	<5	0.34	<5	<50	57.8	<1	6	205
D63956 (394750)	23	<10	<5	82	<10	<10	<5	0.15	<5	<50	84.3	<1	10	126
D63957 (394751)	17	<10	<5	117	<10	<10	<5	0.31	<5	<50	99.6	<1	13	110
D63958 (394752)	16	<10	<5	120	<10	<10	<5	0.31	<5	<50	98.7	<1	11	107
D63959 (394753)	25	<10	<5	159	<10	<10	<5	0.29	<5	<50	133	<1	13	109
D63960 (394754)	25	<10	<5	142	<10	<10	<5	0.31	<5	<50	123	<1	13	127
D63961 (394755)	25	<10	<5	154	<10	<10	<5	0.31	<5	<50	131	<1	11	167
D63962 (394756)	20	<10	<5	140	<10	<10	<5	0.30	<5	<50	110	<1	11	101

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T499181

PROJECT: AGAT00718

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 16, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D63963 (394757)	24	<10	<5	170	<10	<10	<5	0.41	<5	<50	143	<1	15	131
D63964 (394758)	30	<10	<5	214	<10	<10	<5	0.44	<5	<50	175	<1	16	143
D63965 (394759)	23	<10	<5	210	<10	<10	<5	0.35	<5	<50	128	<1	13	137
D63966 (394760)	45	<10	<5	121	<10	<10	<5	0.74	<5	<50	304	<1	23	77.8
D63967 (394761)	16	<10	<5	1320	<10	<10	<5	0.63	<5	<50	195	<1	44	87.8
D63968 (394762)	20	<10	<5	237	<10	<10	<5	0.39	<5	<50	130	<1	18	104
D63969 (394763)	20	<10	<5	268	<10	<10	<5	0.43	<5	<50	130	<1	14	58.2
D63970 (394764)	21	<10	<5	264	<10	<10	<5	0.51	<5	<50	156	<1	15	48.4

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D63899 (394693)			71
D63900 (394694)			21
D63901 (394695)			30
D63902 (394696)			108
D63903 (394697)			31
D63904 (394698)			33
D63905 (394699)			38
D63906 (394700)			53
D63907 (394701)			62
D63908 (394702)			62
D63909 (394703)			57
D63910 (394704)			77
D63911 (394705)			119
D63912 (394706)			<5
D63913 (394707)			104
D63914 (394708)			99
D63915 (394709)			111
D63916 (394710)			110
D63917 (394711)			133
D63918 (394712)			126
D63919 (394713)			121
D63920 (394714)			78
D63921 (394715)			111
D63922 (394716)			124
D63923 (394717)			67
D63924 (394718)			135
D63925 (394719)			169
D63926 (394720)			55
D63927 (394721)			89
D63928 (394722)			162
D63929 (394723)			69
D63930 (394724)			182

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CLIENT NAME: GOLDCORP BORDEN LIMITED

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D63931 (394725)				61
D63932 (394726)				<5
D63933 (394727)				164
D63934 (394728)				114
D63935 (394729)				167
D63936 (394730)				139
D63937 (394731)				91
D63938 (394732)				82
D63939 (394733)				115
D63940 (394734)				79
D63941 (394735)				135
D63942 (394736)				138
D63943 (394737)				114
D63944 (394738)				115
D63945 (394739)				146
D63946 (394740)				51
D63947 (394741)				125
D63948 (394742)				30
D63949 (394743)				34
D63950 (394744)				29
D63951 (394745)				28
D63952 (394746)				<5
D63953 (394747)				45
D63954 (394748)				60
D63955 (394749)				107
D63956 (394750)				45
D63957 (394751)				25
D63958 (394752)				25
D63959 (394753)				29
D63960 (394754)				27
D63961 (394755)				22
D63962 (394756)				43

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 16, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D63963 (394757)	40
D63964 (394758)	97
D63965 (394759)	63
D63966 (394760)	59
D63967 (394761)	64
D63968 (394762)	62
D63969 (394763)	68
D63970 (394764)	68

Comments: RDL - Reported Detection Limit

394693-394764 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D63899 (394693)			<0.001
D63900 (394694)			<0.001
D63901 (394695)			<0.001
D63902 (394696)			0.001
D63903 (394697)			0.004
D63904 (394698)			<0.001
D63905 (394699)			<0.001
D63906 (394700)			0.528
D63907 (394701)			<0.001
D63908 (394702)			<0.001
D63909 (394703)			<0.001
D63910 (394704)			0.001
D63911 (394705)			0.019
D63912 (394706)			<0.001
D63913 (394707)			0.004
D63914 (394708)			0.001
D63915 (394709)			<0.001
D63916 (394710)			<0.001
D63917 (394711)			0.001
D63918 (394712)			<0.001
D63919 (394713)			<0.001
D63920 (394714)			0.006
D63921 (394715)			0.010
D63922 (394716)			<0.001
D63923 (394717)			<0.001
D63924 (394718)			<0.001
D63925 (394719)			<0.001
D63926 (394720)			0.529
D63927 (394721)			<0.001
D63928 (394722)			<0.001
D63929 (394723)			<0.001
D63930 (394724)			0.003

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T499181

PROJECT: AGAT00718

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D63931 (394725)			0.013
D63932 (394726)			<0.001
D63933 (394727)			<0.001
D63934 (394728)			<0.001
D63935 (394729)			0.002
D63936 (394730)			<0.001
D63937 (394731)			<0.001
D63938 (394732)			<0.001
D63939 (394733)			<0.001
D63940 (394734)			<0.001
D63941 (394735)			<0.001
D63942 (394736)			0.002
D63943 (394737)			0.001
D63944 (394738)			0.002
D63945 (394739)			<0.001
D63946 (394740)			0.540
D63947 (394741)			<0.001
D63948 (394742)			<0.001
D63949 (394743)			0.006
D63950 (394744)			0.006
D63951 (394745)			0.004
D63952 (394746)			<0.001
D63953 (394747)			0.112
D63954 (394748)			0.008
D63955 (394749)			<0.001
D63956 (394750)			0.002
D63957 (394751)			0.001
D63958 (394752)			0.001
D63959 (394753)			0.003
D63960 (394754)			0.002
D63961 (394755)			0.001
D63962 (394756)			<0.001

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T499181

PROJECT: AGAT00718

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 16, 2019

SAMPLE TYPE: Drill Core

Analyte:	Unit:	RDL:
Au	ppm	0.001
Sample ID (AGAT ID)		
D63963 (394757)		0.003
D63964 (394758)		0.012
D63965 (394759)		0.002
D63966 (394760)		0.544
D63967 (394761)		<0.001
D63968 (394762)		0.001
D63969 (394763)		<0.001
D63970 (394764)		<0.001

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T499181

PROJECT: AGAT00718

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D63899 (394693)		89.11
D63900 (394694)		86.05
D63918 (394712)		87.41
D63938 (394732)		84.48
D63958 (394752)		82.99

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Val D'Or (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T499181

PROJECT: AGAT00718

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 16, 2019

SAMPLE TYPE: Drill Core

	Analyte:	Pass %
	Unit:	%
Sample ID (AGAT ID)	RDL:	0.01
D63899 (394693)		94.21
D63938 (394732)		90.57

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Val D'Or (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	394693	< 0.5	< 0.5	0.0%	394707	< 0.5	< 0.5	0.0%	394718	< 0.5	< 0.5	0.0%	394732	< 0.5	< 0.5	0.0%
Al	394693	7.68	7.95	3.5%	394707	7.49	7.70	2.8%	394718	7.81	7.72	1.2%	394732	7.35	7.17	2.5%
As	394693	< 1	< 1	0.0%	394707	< 1	< 1	0.0%	394718	< 1	< 1	0.0%	394732	1	4	
Ba	394693	198	204	3.0%	394707	699	714	2.1%	394718	250	245	2.0%	394732	360	354	1.7%
Be	394693	< 0.5	< 0.5	0.0%	394707	0.80	0.85	6.1%	394718	0.7	0.7	0.0%	394732	1.1	1.1	0.0%
Bi	394693	< 1	< 1	0.0%	394707	< 1	< 1	0.0%	394718	< 1	< 1	0.0%	394732	< 1	< 1	0.0%
Ca	394693	5.17	5.33	3.0%	394707	4.52	4.63	2.4%	394718	3.44	3.34	2.9%	394732	2.15	2.11	1.9%
Cd	394693	< 0.5	< 0.5	0.0%	394707	< 0.5	< 0.5	0.0%	394718	< 0.5	< 0.5	0.0%	394732	< 0.5	< 0.5	0.0%
Ce	394693	56	56	0.0%	394707	28	29	3.5%	394718	44	42	4.7%	394732	47	46	2.2%
Co	394693	28.0	27.1	3.3%	394707	26.3	26.1	0.8%	394718	18.0	18.0	0.0%	394732	4.24	4.56	7.3%
Cr	394693	251	299	17.5%	394707	316	315	0.3%	394718	199	189	5.2%	394732	109	106	2.8%
Cu	394693	71.6	73.6	2.8%	394707	4.49	5.27	16.0%	394718	< 0.5	< 0.5	0.0%	394732	27.3	27.7	1.5%
Fe	394693	5.16	5.33	3.2%	394707	4.88	5.02	2.8%	394718	4.03	3.97	1.5%	394732	1.51	1.46	3.4%
Ga	394693	18	18	0.0%	394707	19	18	5.4%	394718	19	20	5.1%	394732	17	17	0.0%
In	394693	< 1	< 1	0.0%	394707	< 1	< 1	0.0%	394718	< 1	< 1	0.0%	394732	< 1	< 1	0.0%
K	394693	0.791	0.819	3.5%	394707	1.04	1.06	1.9%	394718	1.35	1.34	0.7%	394732	1.04	1.03	1.0%
La	394693	29	29	0.0%	394707	13	13	0.0%	394718	19	19	0.0%	394732	23	23	0.0%
Li	394693	21	21	0.0%	394707	29	35	18.8%	394718	28	29	3.5%	394732	16	14	13.3%
Mg	394693	2.50	2.57	2.8%	394707	3.24	3.30	1.8%	394718	1.91	1.89	1.1%	394732	0.44	0.44	0.0%
Mn	394693	1000	1030	3.0%	394707	906	934	3.0%	394718	665	656	1.4%	394732	176	174	1.1%
Mo	394693	0.6	0.5	18.2%	394707	< 0.5	< 0.5	0.0%	394718	0.6	1.0		394732	< 0.5	0.7	
Na	394693	2.26	2.36	4.3%	394707	2.71	2.80	3.3%	394718	2.78	2.72	2.2%	394732	3.64	3.53	3.1%
Ni	394693	115	117	1.7%	394707	116	117	0.9%	394718	58.9	59.2	0.5%	394732	12.7	12.4	2.4%
P	394693	518	476	8.5%	394707	597	590	1.2%	394718	557	524	6.1%	394732	346	336	2.9%
Pb	394693	< 20	< 20	0.0%	394707	< 20	< 20	0.0%	394718	< 20	< 20	0.0%	394732	< 20	< 20	0.0%
Rb	394693	< 50	< 50	0.0%	394707	< 50	< 50	0.0%	394718	< 50	< 50	0.0%	394732	< 50	< 50	0.0%
S	394693	0.084	0.088	4.7%	394707	0.01	0.01	0.0%	394718	< 0.01	< 0.01	0.0%	394732	0.036	0.034	5.7%
Sb	394693	< 1	< 1	0.0%	394707	< 1	< 1	0.0%	394718	< 1	< 1	0.0%	394732	< 1	< 1	0.0%
Sc	394693	20	20	0.0%	394707	19	19	0.0%	394718	16	15	6.5%	394732	4	4	0.0%
Se	394693	< 10	< 10	0.0%	394707	< 10	< 10	0.0%	394718	< 10	< 10	0.0%	394732	< 10	< 10	0.0%
Sn	394693	< 5	< 5	0.0%	394707	< 5	< 5	0.0%	394718	< 5	< 5	0.0%	394732	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	394693	154	161	4.4%	394707	254	263	3.5%	394718	174	169	2.9%	394732	233	230	1.3%
Ta	394693	< 10	< 10	0.0%	394707	< 10	< 10	0.0%	394718	< 10	< 10	0.0%	394732	< 10	< 10	0.0%
Te	394693	< 10	< 10	0.0%	394707	< 10	< 10	0.0%	394718	< 10	< 10	0.0%	394732	< 10	< 10	0.0%
Th	394693	< 5	< 5	0.0%	394707	< 5	< 5	0.0%	394718	< 5	< 5	0.0%	394732	< 5	< 5	0.0%
Ti	394693	0.43	0.44	2.3%	394707	0.38	0.38	0.0%	394718	0.383	0.374	2.4%	394732	0.165	0.166	0.6%
Tl	394693	< 5	< 5	0.0%	394707	< 5	< 5	0.0%	394718	< 5	< 5	0.0%	394732	< 5	< 5	0.0%
U	394693	< 50	< 50	0.0%	394707	< 50	< 50	0.0%	394718	< 50	< 50	0.0%	394732	< 50	< 50	0.0%
V	394693	123	125	1.6%	394707	115	116	0.9%	394718	88.9	86.9	2.3%	394732	24.9	24.2	2.9%
W	394693	< 1	< 1	0.0%	394707	< 1	< 1	0.0%	394718	< 1	< 1	0.0%	394732	< 1	< 1	0.0%
Y	394693	17	17	0.0%	394707	18	18	0.0%	394718	22	21	4.7%	394732	5	5	0.0%
Zn	394693	84.1	86.9	3.3%	394707	68.0	71.1	4.5%	394718	53.6	57.1	6.3%	394732	30.9	29.7	4.0%
Zr	394693	71	65	8.8%	394707	104	109	4.7%	394718	135	134	0.7%	394732	82	85	3.6%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	394743	< 0.5	< 0.5	0.0%	394757	< 0.5	< 0.5	0.0%								
Al	394743	6.71	6.56	2.3%	394757	6.91	6.84	1.0%								
As	394743	< 1	< 1	0.0%	394757	< 1	< 1	0.0%								
Ba	394743	61	62	1.6%	394757	387	375	3.1%								
Be	394743	< 0.5	< 0.5	0.0%	394757	0.7	0.7	0.0%								
Bi	394743	< 1	< 1	0.0%	394757	< 1	< 1	0.0%								
Ca	394743	5.58	5.43	2.7%	394757	5.63	5.49	2.5%								
Cd	394743	< 0.5	< 0.5	0.0%	394757	< 0.5	< 0.5	0.0%								
Ce	394743	13	13	0.0%	394757	17	18	5.7%								
Co	394743	62.6	62.9	0.5%	394757	42.8	43.0	0.5%								
Cr	394743	533	534	0.2%	394757	498	499	0.2%								
Cu	394743	57.2	54.9	4.1%	394757	7.9	7.8	1.3%								
Fe	394743	7.32	7.06	3.6%	394757	6.96	6.83	1.9%								
Ga	394743	18	17	5.7%	394757	18	18	0.0%								
In	394743	< 1	< 1	0.0%	394757	< 1	< 1	0.0%								
K	394743	0.37	0.37	0.0%	394757	0.58	0.58	0.0%								
La	394743	7	7	0.0%	394757	9	9	0.0%								
Li	394743	64	69	7.5%	394757	41	40	2.5%								
Mg	394743	7.52	7.23	3.9%	394757	5.76	5.65	1.9%								
Mn	394743	1230	1200	2.5%	394757	1310	1280	2.3%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	394743	< 0.5	< 0.5	0.0%	394757	< 0.5	< 0.5	0.0%								
Na	394743	2.21	2.15	2.8%	394757	2.36	2.28	3.4%								
Ni	394743	457	454	0.7%	394757	265	261	1.5%								
P	394743	335	346	3.2%	394757	424	430	1.4%								
Pb	394743	< 20	< 20	0.0%	394757	< 20	< 20	0.0%								
Rb	394743	< 50	< 50	0.0%	394757	< 50	< 50	0.0%								
S	394743	< 0.01	< 0.01	0.0%	394757	0.01	0.01	0.0%								
Sb	394743	< 1	< 1	0.0%	394757	< 1	< 1	0.0%								
Sc	394743	25	25	0.0%	394757	24	24	0.0%								
Se	394743	< 10	< 10	0.0%	394757	< 10	< 10	0.0%								
Sn	394743	< 5	< 5	0.0%	394757	< 5	< 5	0.0%								
Sr	394743	121	119	1.7%	394757	170	164	3.6%								
Ta	394743	< 10	< 10	0.0%	394757	< 10	< 10	0.0%								
Te	394743	< 10	< 10	0.0%	394757	< 10	< 10	0.0%								
Th	394743	< 5	< 5	0.0%	394757	< 5	< 5	0.0%								
Ti	394743	0.376	0.361	4.1%	394757	0.41	0.40	2.5%								
Tl	394743	< 5	< 5	0.0%	394757	< 5	< 5	0.0%								
U	394743	< 50	< 50	0.0%	394757	< 50	< 50	0.0%								
V	394743	149	151	1.3%	394757	143	140	2.1%								
W	394743	< 1	< 1	0.0%	394757	< 1	< 1	0.0%								
Y	394743	14	14	0.0%	394757	15	15	0.0%								
Zn	394743	64.4	62.0	3.8%	394757	131	125	4.7%								
Zr	394743	34	31	9.2%	394757	40	39	2.5%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	394693	< 0.001	< 0.001	0.0%	394707	0.004	0.003	28.6%	394718	< 0.001	< 0.001	0.0%	394732	< 0.001	< 0.001	0.0%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	394743	0.0065	0.0067	3.0%	394757	0.003	0.003	0.0%								

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GS5W)				CRM #3 (ref.GSP7M)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	3.3	109%	90% - 110%
Al	10.95	11.09	101%	90% - 110%					6.96	7.1	102%	90% - 110%	4.75	5.18	109%	90% - 110%
As									124	117	94%	90% - 110%				
Ba	340	346	102%	90% - 110%					186	193	104%	90% - 110%	216	229	106%	90% - 110%
Be	2.6	2.5	95%	90% - 110%												
Ca	5.72	5.48	96%	90% - 110%					4.01	3.94	98%	90% - 110%	10	9	94%	90% - 110%
Ce	122	132	108%	90% - 110%					24	22	91%	90% - 110%				
Co	2.8	2.8	100%	90% - 110%					22.1	20.8	94%	90% - 110%	191	179	94%	90% - 110%
Cr	12	9	79%	90% - 110%									670	653	97%	90% - 110%
Cu									88.6	83.4	94%	90% - 110%	7120	7539	106%	90% - 110%
Fe	4.34	4.03	93%	90% - 110%	3.77	4.19	111%	90% - 110%	7.56	7.41	98%	90% - 110%	12.71	11.88	93%	90% - 110%
Ga	35	33	94%	90% - 110%												
K	1.37	1.4	102%	90% - 110%					2.021	2.003	99%	90% - 110%	0.1021	0.1091	107%	90% - 110%
La	58	55	96%	90% - 110%	44	55	125%	90% - 110%					8.47	9.82	116%	90% - 110%
Li	37	39	107%	90% - 110%	47	44	93%	90% - 110%								
Mg	0.325	0.301	93%	90% - 110%					2.412	2.352	98%	90% - 110%	7.41	7.31	99%	90% - 110%
Mn					780	810	104%	90% - 110%	1510	1448	96%	90% - 110%				
Na	5.267	5.314	101%	90% - 110%					0.617	0.638	103%	90% - 110%	0.112	0.124	111%	90% - 110%
Ni									77.1	67.9	88%	90% - 110%	2480	2083	84%	90% - 110%
P					750	565	75%	90% - 110%	892	872	98%	90% - 110%	731	693	95%	90% - 110%
S									0.348	0.316	91%	90% - 110%				
Sc	1.1	0.9	78%	90% - 110%									21.33	21.69	102%	90% - 110%
Sr	1191	1177	99%	90% - 110%					92.8	92.7	100%	90% - 110%	39	38	98%	90% - 110%
Ti	0.172	0.172	100%	90% - 110%									0.419	0.429	102%	90% - 110%
V	8	7	87%	90% - 110%									158	155	98%	90% - 110%
Y	119	122	103%	90% - 110%									12.67	13.33	105%	90% - 110%
Zn	93	96	103%	90% - 110%					208	200	96%	90% - 110%	112	102	91%	90% - 110%
Zr													35.7	34.4	96%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GS5W)				CRM #3 (ref.GSP7M)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits



**AGAT** Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 19T499181

PROJECT: AGAT00718

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Au	6.87	6.7	98%	90% - 110%	5.27	5.36	102%	90% - 110%	0.725	0.694	96%	90% - 110%	0.562	0.556	99%	90% - 110%
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## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19T499181

PROJECT: AGAT00718

ATTENTION TO: Craig Yuill

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00719

AGAT WORK ORDER: 19T499185

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Aug 20, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T499185

PROJECT: AGAT00719

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
C64279 (394779)		2.23
C64280 (394780)		2.47
C64281 (394781)		2.73
C64282 (394782)		2.65
C64283 (394783)		2.32
C64284 (394784)		1.81
C64285 (394785)		1.00
C64286 (394786)		0.06
C64287 (394787)		1.64
C64288 (394788)		2.00
C64289 (394789)		2.30
C64290 (394790)		1.81
C64291 (394791)		2.24
C64292 (394792)		0.64
C64293 (394793)		2.41
C64294 (394794)		0.70
C64295 (394795)		3.37
C64296 (394796)		2.96
C64297 (394797)		3.00
C64298 (394798)		-
C64299 (394799)		3.19
C64300 (394800)		1.68
C64301 (394801)		1.11
C64302 (394802)		3.28
C64303 (394803)		3.38
C64304 (394804)		3.35
C64305 (394805)		1.41
C64306 (394806)		0.06
C64307 (394807)		3.16
C64308 (394808)		3.14
C64309 (394809)		3.09

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T499185

PROJECT: AGAT00719

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
C64310 (394810)		3.20
C64311 (394811)		3.45
C64312 (394812)		0.58
C64313 (394813)		3.35
C64314 (394814)		2.34
C64315 (394815)		3.14
C64316 (394816)		1.75
C64317 (394817)		3.26
C64318 (394818)		-
C64319 (394819)		2.58
C64320 (394820)		1.06
C64321 (394821)		3.30
C64322 (394822)		3.28
C64323 (394823)		2.11
C64324 (394824)		1.75
C64325 (394825)		0.52
C64326 (394826)		0.06
C64327 (394827)		1.14
C64328 (394828)		2.31
C64329 (394829)		3.06
C64330 (394830)		1.67
C64331 (394831)		0.71
C64332 (394832)		0.63
C64333 (394833)		3.32
C64334 (394834)		3.22
C64335 (394835)		3.24
C64336 (394836)		3.14
C64337 (394837)		0.61
C64338 (394838)		-
C64339 (394839)		3.18
C64340 (394840)		2.42

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T499185

PROJECT: AGAT00719

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
C64341 (394841)		1.91
C64342 (394842)		1.56
C64343 (394843)		0.96
C64344 (394844)		1.49
C64345 (394845)		1.66
C64346 (394846)		0.06
C64347 (394847)		2.09
C64348 (394848)		0.83
C64349 (394849)		1.68
C64350 (394850)		1.14

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Val D'Or (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T499185

PROJECT: AGAT00719

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
C64279 (394779)		<0.5	5.21	<1	234	1.0	<1	0.49	<0.5	67	2.6	136	9.5	3.57	19
C64280 (394780)		<0.5	6.07	2	1130	1.6	<1	0.98	<0.5	65	4.6	99.0	11.2	3.13	21
C64281 (394781)		0.8	5.63	<1	363	1.2	<1	0.65	<0.5	62	2.8	141	13.2	3.43	19
C64282 (394782)		<0.5	5.34	3	297	<0.5	<1	0.44	<0.5	73	4.0	147	23.0	5.31	21
C64283 (394783)		<0.5	6.46	4	483	1.4	<1	0.75	<0.5	66	4.2	85.4	28.9	4.45	21
C64284 (394784)		<0.5	5.61	2	507	<0.5	<1	1.26	<0.5	50	13.2	120	64.3	8.67	21
C64285 (394785)		<0.5	3.06	<1	852	0.7	<1	6.93	<0.5	117	66.8	530	81.3	8.35	19
C64286 (394786)		<0.5	7.57	<1	151	<0.5	<1	6.93	<0.5	6	43.4	150	158	8.12	20
C64287 (394787)		0.7	6.56	<1	700	0.6	<1	1.71	<0.5	91	5.6	127	44.4	5.67	21
C64288 (394788)		0.7	8.33	<1	377	0.8	<1	3.66	<0.5	55	7.9	87.8	83.2	6.00	22
C64289 (394789)		<0.5	7.76	<1	181	<0.5	<1	3.08	<0.5	44	13.9	142	234	7.71	24
C64290 (394790)		<0.5	7.28	<1	228	<0.5	<1	3.41	<0.5	48	18.4	96.6	117	8.22	20
C64291 (394791)		<0.5	4.13	<1	1420	1.2	<1	9.56	<0.5	139	54.2	460	80.9	7.83	17
C64292 (394792)		<0.5	0.07	1	18	<0.5	<1	34.4	<0.5	3	0.8	7.7	1.0	0.12	5
C64293 (394793)		<0.5	7.34	<1	417	0.6	<1	2.94	<0.5	86	11.6	57.4	15.6	7.95	24
C64294 (394794)		2.0	5.93	<1	306	0.8	<1	1.88	<0.5	51	3.6	88.4	9.6	1.79	13
C64295 (394795)		<0.5	7.25	<1	270	<0.5	<1	3.40	<0.5	49	14.9	163	18.3	7.89	21
C64296 (394796)		<0.5	7.06	<1	262	0.5	<1	3.53	<0.5	43	13.0	115	40.5	7.71	22
C64297 (394797)		<0.5	7.18	<1	306	<0.5	<1	3.47	<0.5	46	13.8	148	32.8	7.23	22
C64298 (394798)		<0.5	7.20	<1	309	0.5	<1	3.45	<0.5	44	13.2	119	31.6	7.22	23
C64299 (394799)		<0.5	7.25	<1	286	0.5	<1	3.44	<0.5	47	10.8	119	15.2	6.14	21
C64300 (394800)		<0.5	7.05	<1	300	0.7	<1	3.51	<0.5	56	10.3	101	19.3	6.84	22
C64301 (394801)		<0.5	2.93	<1	1090	2.8	<1	12.3	<0.5	257	54.5	322	104	9.39	20
C64302 (394802)		<0.5	7.29	<1	313	1.0	<1	3.75	<0.5	52	10.4	96.7	9.1	6.47	22
C64303 (394803)		<0.5	7.11	<1	319	0.6	<1	3.50	<0.5	46	11.0	133	9.3	7.94	21
C64304 (394804)		<0.5	7.24	<1	279	0.5	<1	3.45	<0.5	41	12.0	149	51.9	7.47	22
C64305 (394805)		<0.5	7.84	<1	335	0.7	<1	4.24	<0.5	40	11.4	114	28.8	6.02	22
C64306 (394806)		<0.5	7.68	<1	202	<0.5	<1	6.37	<0.5	17	40.0	146	108	7.67	21
C64307 (394807)		<0.5	7.98	<1	832	1.5	<1	3.77	<0.5	97	10.2	86.0	28.9	3.58	22
C64308 (394808)		<0.5	7.97	<1	913	1.6	<1	3.27	<0.5	119	9.4	87.4	31.8	2.88	22
C64309 (394809)		<0.5	7.90	1	617	0.8	<1	2.42	<0.5	86	5.0	79.1	30.9	4.00	20
C64310 (394810)		<0.5	6.27	<1	410	0.5	<1	3.02	<0.5	45	10.1	129	31.9	6.03	19

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T499185

PROJECT: AGAT00719

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
C64311 (394811)		<0.5	7.17	<1	415	0.7	<1	3.92	<0.5	61	18.3	116	48.8	7.97	22
C64312 (394812)		<0.5	0.10	1	17	<0.5	<1	32.3	<0.5	2	0.7	6.8	<0.5	0.13	6
C64313 (394813)		<0.5	7.43	<1	379	<0.5	<1	4.16	<0.5	51	13.0	88.1	19.5	7.36	23
C64314 (394814)		<0.5	6.73	<1	3870	<0.5	<1	1.21	<0.5	28	3.3	83.4	2.8	1.21	14
C64315 (394815)		<0.5	7.98	<1	1410	1.3	<1	2.92	<0.5	109	11.9	115	86.9	3.25	22
C64316 (394816)		<0.5	6.44	1	726	1.4	<1	2.97	<0.5	133	19.1	114	103	3.20	20
C64317 (394817)		<0.5	7.72	<1	638	0.8	<1	4.67	<0.5	61	13.3	109	30.8	7.22	23
C64318 (394818)		<0.5	7.78	<1	620	0.9	<1	4.48	<0.5	62	14.2	112	30.6	7.00	25
C64319 (394819)		<0.5	7.16	<1	586	<0.5	<1	4.33	<0.5	58	16.0	135	69.2	8.07	23
C64320 (394820)		<0.5	6.74	2	4920	<0.5	<1	0.89	<0.5	54	6.9	84.0	7.0	2.37	16
C64321 (394821)		<0.5	7.00	<1	294	0.5	<1	3.98	<0.5	51	12.9	126	40.6	6.74	23
C64322 (394822)		<0.5	7.32	<1	305	0.6	<1	3.99	<0.5	51	11.8	139	28.9	7.53	22
C64323 (394823)		<0.5	7.60	<1	341	0.7	<1	3.85	<0.5	55	5.5	130	6.4	4.98	20
C64324 (394824)		<0.5	7.99	<1	360	0.8	<1	3.16	<0.5	65	3.2	111	9.6	4.72	20
C64325 (394825)		<0.5	5.63	<1	464	0.9	<1	4.08	<0.5	45	6.1	154	25.0	4.76	16
C64326 (394826)		<0.5	7.53	4	90	<0.5	<1	7.23	<0.5	6	41.1	148	157	7.29	20
C64327 (394827)		<0.5	7.57	<1	363	0.5	<1	3.72	<0.5	55	12.7	115	26.2	6.72	23
C64328 (394828)		<0.5	7.57	<1	678	1.0	<1	3.78	<0.5	70	16.6	137	86.2	6.17	24
C64329 (394829)		<0.5	7.76	<1	686	1.0	<1	3.47	<0.5	79	13.7	126	59.0	5.37	24
C64330 (394830)		<0.5	7.24	<1	391	0.5	<1	4.20	<0.5	47	14.7	105	49.9	7.27	23
C64331 (394831)		<0.5	3.26	<1	442	<0.5	<1	6.65	<0.5	78	58.8	422	83.5	8.08	16
C64332 (394832)		<0.5	0.08	<1	17	<0.5	<1	31.0	<0.5	2	0.7	7.0	<0.5	0.12	6
C64333 (394833)		<0.5	6.72	<1	483	<0.5	<1	4.46	<0.5	58	18.3	148	20.9	7.20	22
C64334 (394834)		<0.5	7.18	<1	444	0.6	<1	3.62	<0.5	55	13.0	118	15.6	6.29	22
C64335 (394835)		<0.5	6.62	<1	494	0.6	<1	4.97	<0.5	65	23.7	207	36.8	7.20	20
C64336 (394836)		<0.5	7.87	<1	701	0.9	<1	3.18	<0.5	53	14.2	81.5	39.8	5.89	23
C64337 (394837)		<0.5	8.11	<1	444	2.5	<1	2.86	<0.5	7	5.9	77.5	10.2	1.71	19
C64338 (394838)		<0.5	8.00	<1	454	2.5	<1	2.90	<0.5	8	5.5	69.6	9.9	1.67	19
C64339 (394839)		<0.5	8.13	<1	300	0.8	<1	4.40	<0.5	40	13.3	93.0	42.4	6.86	22
C64340 (394840)		<0.5	8.27	<1	377	1.8	<1	3.30	<0.5	37	21.5	106	64.5	6.95	23
C64341 (394841)		<0.5	8.11	<1	581	1.3	<1	2.99	<0.5	75	19.7	127	52.4	5.74	24
C64342 (394842)		<0.5	5.89	<1	160	<0.5	<1	0.47	<0.5	43	19.9	152	2.6	6.03	19

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T499185

PROJECT: AGAT00719

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
C64343 (394843)		<0.5	6.18	<1	126	<0.5	<1	0.58	<0.5	70	19.8	109	8.5	2.07	17
C64344 (394844)		<0.5	5.78	<1	251	<0.5	<1	0.90	<0.5	56	26.7	138	31.5	4.95	20
C64345 (394845)		<0.5	5.64	<1	789	1.0	<1	5.39	<0.5	106	35.1	399	48.2	5.05	18
C64346 (394846)		<0.5	7.39	<1	149	<0.5	<1	6.69	<0.5	6	42.0	136	153	7.82	21
C64347 (394847)		<0.5	7.33	<1	415	<0.5	<1	1.13	<0.5	52	27.5	140	8.6	6.15	20
C64348 (394848)		<0.5	8.91	<1	435	2.0	<1	5.52	<0.5	108	14.4	94.7	41.2	3.52	25
C64349 (394849)		<0.5	7.61	<1	181	<0.5	<1	1.68	<0.5	47	24.0	148	72.9	7.84	24
C64350 (394850)		<0.5	3.91	<1	1040	2.6	<1	8.87	<0.5	201	54.9	387	126	8.87	20

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T499185

PROJECT: AGAT00719

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

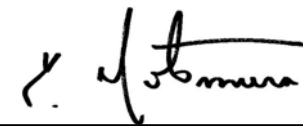
DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
C64279 (394779)		<1	1.53	31	31	2.31	426	11.6	1.00	5.8	309	<20	<50	1.51	<1
C64280 (394780)		<1	2.06	30	32	1.74	391	5.4	2.10	6.7	884	<20	<50	1.51	<1
C64281 (394781)		<1	1.25	28	19	1.50	504	11.0	1.78	2.8	177	<20	<50	2.07	<1
C64282 (394782)		<1	1.41	33	16	1.65	438	2.7	0.95	4.3	170	<20	<50	3.36	<1
C64283 (394783)		<1	2.03	31	13	0.76	256	8.2	3.21	4.2	164	<20	<50	3.13	<1
C64284 (394784)		<1	1.50	25	7	0.61	239	6.2	2.26	4.7	120	<20	<50	5.17	2
C64285 (394785)		<1	1.59	60	8	10.3	1340	7.0	0.86	537	1330	<20	<50	0.31	<1
C64286 (394786)		<1	0.20	5	13	4.36	1430	1.1	2.33	86.9	403	<20	<50	0.16	<1
C64287 (394787)		<1	1.40	43	10	0.84	316	4.2	2.61	4.8	236	<20	<50	2.90	<1
C64288 (394788)		<1	1.19	24	27	0.95	1860	3.6	1.59	3.1	869	<20	<50	1.30	<1
C64289 (394789)		<1	0.86	20	25	1.66	1360	3.0	1.61	7.5	1080	<20	<50	0.38	<1
C64290 (394790)		<1	0.82	23	22	1.69	1920	2.6	1.68	9.6	1610	<20	<50	0.23	<1
C64291 (394791)		<1	2.03	67	25	9.55	1370	3.7	0.64	354	1940	<20	<50	0.14	<1
C64292 (394792)		3	0.02	<2	1	2.08	62	<0.5	0.03	0.8	85	<20	<50	0.03	<1
C64293 (394793)		<1	1.52	44	25	1.20	1780	2.0	1.85	3.3	1210	<20	<50	0.15	<1
C64294 (394794)		<1	0.65	29	14	0.35	755	10.2	2.46	2.8	223	<20	<50	0.08	<1
C64295 (394795)		<1	0.96	23	15	1.32	1940	13.7	1.40	5.4	1330	<20	<50	0.13	<1
C64296 (394796)		<1	0.92	20	16	1.20	1780	2.3	1.40	4.1	1330	<20	<50	0.20	<1
C64297 (394797)		<1	1.16	21	18	1.04	1440	13.6	1.60	5.8	1330	<20	<50	0.11	<1
C64298 (394798)		<1	1.17	20	18	1.05	1440	2.6	1.61	5.3	1290	<20	<50	0.11	<1
C64299 (394799)		<1	1.16	21	17	0.88	1240	11.8	1.70	4.6	1260	<20	<50	0.06	<1
C64300 (394800)		<1	1.23	25	15	1.03	1560	2.5	1.86	8.3	1180	<20	<50	0.07	<1
C64301 (394801)		<1	1.87	122	11	6.72	1830	2.6	0.97	234	4190	<20	<50	0.23	<1
C64302 (394802)		<1	1.13	24	13	0.99	1500	2.4	2.00	6.2	1070	<20	<50	0.04	<1
C64303 (394803)		<1	1.24	21	16	1.07	1960	12.6	1.66	6.3	1030	<20	<50	0.05	<1
C64304 (394804)		<1	1.04	19	17	1.27	1920	11.1	1.83	9.1	914	<20	<50	0.23	<1
C64305 (394805)		<1	0.96	19	15	1.20	1620	10.9	2.26	13.3	830	<20	<50	0.20	<1
C64306 (394806)		<1	0.43	11	11	4.17	1330	1.4	2.34	103	856	<20	<50	0.09	<1
C64307 (394807)		<1	1.17	45	15	1.24	663	1.5	2.88	28.0	1050	<20	<50	0.21	<1
C64308 (394808)		<1	1.18	61	12	0.95	536	10.3	2.96	22.6	768	<20	<50	0.21	<1
C64309 (394809)		<1	1.04	45	11	0.40	449	1.8	3.11	2.9	232	<20	<50	0.22	<1
C64310 (394810)		<1	0.89	20	13	0.74	1050	12.9	1.68	5.0	1010	<20	<50	0.20	<1

Certified By:



# Certificate of Analysis

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ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
C64311 (394811)		<1	1.22	27	19	1.33	1370	2.5	1.78	17.1	1620	<20	<50	0.19	<1
C64312 (394812)		<1	0.03	<2	1	3.56	78	<0.5	0.05	0.6	92	<20	<50	0.02	<1
C64313 (394813)		<1	1.08	23	14	1.18	1240	2.6	1.96	2.9	1360	<20	<50	0.10	<1
C64314 (394814)		<1	3.20	17	5	0.25	118	1.0	2.12	3.0	27	<20	<50	0.02	<1
C64315 (394815)		<1	1.67	56	14	1.07	415	9.7	2.89	26.5	873	<20	<50	0.37	<1
C64316 (394816)		<1	1.19	67	8	0.99	445	1.6	2.02	22.5	1040	<20	<50	0.62	<1
C64317 (394817)		<1	1.57	27	8	0.90	1310	9.9	2.06	7.0	1590	<20	<50	0.26	<1
C64318 (394818)		<1	1.59	27	9	0.91	1340	2.1	1.99	6.9	1610	<20	<50	0.25	<1
C64319 (394819)		<1	1.21	29	16	1.06	1580	10.7	1.75	4.8	1310	<20	<50	0.50	<1
C64320 (394820)		<1	4.09	32	15	0.51	218	1.6	1.56	4.4	21	<20	<50	0.07	<1
C64321 (394821)		<1	0.91	22	13	0.94	1370	10.6	1.64	4.4	1140	<20	<50	0.47	<1
C64322 (394822)		<1	0.87	23	13	1.07	1550	2.4	1.36	5.3	1220	<20	<50	0.44	<1
C64323 (394823)		<1	0.88	24	11	0.82	1280	11.9	1.56	3.7	796	<20	<50	0.14	<1
C64324 (394824)		<1	1.01	27	14	0.54	1280	2.1	2.13	3.0	590	<20	<50	0.20	<1
C64325 (394825)		<1	0.56	19	8	0.90	1490	14.5	1.07	3.8	556	<20	<50	0.53	<1
C64326 (394826)		<1	0.24	5	14	4.32	1300	0.9	1.67	94.7	355	<20	<50	0.22	<1
C64327 (394827)		<1	1.22	24	19	1.02	1350	2.6	2.00	5.8	1540	<20	<50	0.35	<1
C64328 (394828)		<1	1.18	34	17	1.17	1020	10.4	2.28	14.2	1270	<20	<50	0.68	<1
C64329 (394829)		<1	1.15	38	20	1.03	893	2.1	2.31	14.5	1330	<20	<50	0.46	<1
C64330 (394830)		<1	0.88	21	13	0.88	1400	2.4	1.92	5.0	1520	<20	<50	0.50	<1
C64331 (394831)		<1	0.95	39	9	7.95	1310	3.2	1.34	398	1450	<20	<50	0.14	<1
C64332 (394832)		1	0.02	<2	1	2.94	83	<0.5	0.04	<0.5	70	<20	<50	0.04	<1
C64333 (394833)		<1	1.28	26	15	1.82	1290	8.3	1.33	50.5	1580	<20	<50	0.16	<1
C64334 (394834)		<1	1.21	24	14	1.01	1170	10.7	1.29	4.6	1580	<20	<50	0.16	<1
C64335 (394835)		<1	1.36	29	16	3.38	1440	2.5	1.30	96.3	1680	<20	<50	0.37	<1
C64336 (394836)		<1	1.89	25	21	1.85	996	1.9	1.92	10.7	1180	<20	<50	0.67	<1
C64337 (394837)		<1	0.98	5	8	0.35	158	1.4	3.17	5.3	306	<20	<50	0.27	<1
C64338 (394838)		<1	0.98	5	8	0.36	159	1.5	3.17	4.0	303	<20	<50	0.26	<1
C64339 (394839)		<1	0.73	18	17	1.06	1270	2.7	1.99	7.5	884	<20	<50	0.90	<1
C64340 (394840)		<1	1.07	17	23	2.00	1030	2.5	2.21	11.9	908	<20	<50	0.73	<1
C64341 (394841)		<1	1.29	34	20	1.73	684	2.6	1.86	17.3	1550	<20	<50	0.67	<1
C64342 (394842)		<1	0.61	19	13	1.50	681	2.3	0.33	14.2	871	<20	<50	0.07	<1

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DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
C64343 (394843)		<1	0.56	30	13	0.56	62	2.0	0.98	15.3	1200	<20	<50	0.22	<1
C64344 (394844)		<1	0.90	24	18	1.53	401	2.4	1.09	18.2	1510	<20	<50	0.75	<1
C64345 (394845)		<1	1.26	48	31	4.38	728	2.7	1.80	169	1900	<20	<50	0.35	<1
C64346 (394846)		<1	0.20	5	12	4.11	1370	0.8	2.28	84.7	415	<20	<50	0.15	<1
C64347 (394847)		<1	0.79	24	20	1.93	956	2.0	1.21	20.2	1180	<20	<50	0.19	<1
C64348 (394848)		<1	0.16	47	11	1.77	1040	1.3	1.87	27.9	1630	<20	<50	0.64	<1
C64349 (394849)		<1	0.58	21	48	2.37	1080	2.8	2.16	10.0	1440	<20	<50	0.68	<1
C64350 (394850)		<1	1.66	96	20	6.92	1580	5.9	1.53	266	2080	<20	<50	0.22	<1

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SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
C64279 (394779)	12	<10	<5	50	<10	<10	<5	0.20	<5	<50	3.1	<1	14	52.0
C64280 (394780)	12	<10	<5	110	<10	<10	<5	0.16	<5	<50	19.6	<1	13	153
C64281 (394781)	13	<10	<5	42	<10	<10	<5	0.17	<5	<50	1.4	<1	14	156
C64282 (394782)	13	<10	<5	44	<10	<10	<5	0.21	<5	<50	1.7	<1	16	157
C64283 (394783)	8	<10	<5	85	<10	<10	<5	0.09	<5	<50	13.4	<1	12	126
C64284 (394784)	7	<10	<5	141	<10	<10	<5	0.09	<5	<50	2.5	<1	11	60.9
C64285 (394785)	19	<10	<5	849	<10	<10	<5	1.52	<5	<50	237	<1	22	83.2
C64286 (394786)	46	<10	<5	116	<10	<10	<5	0.72	<5	<50	313	<1	23	77.6
C64287 (394787)	12	<10	<5	147	<10	<10	<5	0.13	<5	<50	4.7	<1	15	92.0
C64288 (394788)	24	<10	<5	152	<10	<10	<5	0.46	<5	<50	13.0	<1	58	187
C64289 (394789)	21	<10	<5	154	<10	<10	<5	0.56	<5	<50	19.1	<1	44	78.1
C64290 (394790)	21	<10	<5	184	<10	<10	<5	0.69	<5	<50	15.5	<1	43	97.1
C64291 (394791)	27	<10	<5	998	<10	<10	<5	1.33	<5	<50	216	<1	25	76.3
C64292 (394792)	<1	<10	<5	76	<10	<10	<5	<0.01	<5	<50	2.1	<1	2	3.0
C64293 (394793)	18	<10	<5	149	<10	<10	<5	0.57	<5	<50	9.1	<1	41	169
C64294 (394794)	7	<10	<5	156	<10	<10	<5	0.14	<5	<50	5.3	<1	14	43.4
C64295 (394795)	20	<10	<5	144	<10	<10	<5	0.58	<5	<50	8.8	<1	45	109
C64296 (394796)	19	<10	<5	143	<10	<10	<5	0.56	<5	<50	9.7	<1	43	106
C64297 (394797)	19	<10	<5	137	<10	<10	<5	0.56	<5	<50	12.2	<1	42	149
C64298 (394798)	19	<10	<5	139	<10	<10	<5	0.57	<5	<50	11.9	<1	42	151
C64299 (394799)	18	<10	<5	135	<10	<10	<5	0.55	<5	<50	11.8	<1	42	94.8
C64300 (394800)	17	<10	<5	203	<10	<10	<5	0.52	<5	<50	15.7	<1	45	87.4
C64301 (394801)	18	<10	<5	1530	<10	<10	<5	1.16	<5	<50	282	<1	44	122
C64302 (394802)	17	<10	<5	177	<10	<10	<5	0.50	<5	<50	15.9	<1	42	120
C64303 (394803)	17	<10	<5	154	<10	<10	<5	0.49	<5	<50	11.7	<1	41	236
C64304 (394804)	17	<10	<5	167	<10	<10	<5	0.46	<5	<50	21.5	<1	37	98.2
C64305 (394805)	18	<10	<5	252	<10	<10	<5	0.48	<5	<50	36.4	<1	30	162
C64306 (394806)	34	<10	<5	249	<10	<10	<5	0.89	<5	<50	238	<1	22	85.0
C64307 (394807)	10	<10	<5	698	<10	<10	<5	0.38	<5	<50	48.1	<1	17	96.9
C64308 (394808)	7	<10	<5	596	<10	<10	<5	0.29	<5	<50	46.8	<1	11	82.3
C64309 (394809)	5	<10	<5	382	<10	<10	<5	0.26	<5	<50	12.1	<1	11	90.4
C64310 (394810)	14	<10	<5	214	<10	<10	<5	0.44	<5	<50	7.1	<1	35	272

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DATE SAMPLED: Jul 29, 2019

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SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
C64311 (394811)	20	<10	<5	272	<10	<10	<5	0.70	<5	<50	22.3	<1	42	178
C64312 (394812)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	2.3	<1	2	3.9
C64313 (394813)	19	<10	<5	214	<10	<10	<5	0.59	<5	<50	10.2	<1	43	191
C64314 (394814)	1	<10	<5	394	<10	<10	<5	0.12	<5	<50	8.2	<1	1	32.1
C64315 (394815)	6	<10	<5	575	<10	<10	<5	0.33	<5	<50	46.2	<1	9	80.6
C64316 (394816)	6	<10	<5	627	<10	<10	<5	0.31	<5	<50	55.6	<1	11	71.2
C64317 (394817)	18	<10	<5	438	<10	<10	<5	0.61	<5	<50	18.9	<1	39	192
C64318 (394818)	18	<10	<5	436	<10	<10	<5	0.59	<5	<50	20.1	<1	41	186
C64319 (394819)	17	<10	<5	231	<10	<10	<5	0.64	<5	<50	15.5	<1	32	233
C64320 (394820)	3	<10	<5	377	<10	<10	<5	0.24	<5	<50	16.6	<1	2	69.5
C64321 (394821)	18	<10	<5	153	<10	<10	<5	0.49	<5	<50	11.3	<1	44	104
C64322 (394822)	18	<10	<5	138	<10	<10	<5	0.52	<5	<50	7.9	<1	43	124
C64323 (394823)	14	<10	<5	144	<10	<10	<5	0.35	<5	<50	7.0	<1	38	144
C64324 (394824)	14	<10	<5	184	<10	<10	<5	0.26	<5	<50	1.4	<1	44	120
C64325 (394825)	11	<10	<5	166	<10	<10	<5	0.15	<5	<50	2.4	<1	35	151
C64326 (394826)	42	<10	<5	175	<10	<10	<5	0.61	<5	<50	274	<1	20	69.7
C64327 (394827)	19	<10	<5	288	<10	<10	<5	0.57	<5	<50	8.8	<1	45	232
C64328 (394828)	14	<10	<5	490	<10	<10	<5	0.56	<5	<50	41.3	<1	27	228
C64329 (394829)	13	<10	<5	361	<10	<10	<5	0.47	<5	<50	37.5	<1	27	127
C64330 (394830)	18	<10	<5	202	<10	<10	<5	0.62	<5	<50	10.4	<1	43	150
C64331 (394831)	19	<10	<5	635	<10	<10	<5	1.34	<5	<50	189	<1	21	81.3
C64332 (394832)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.9	<1	2	3.7
C64333 (394833)	18	<10	<5	246	<10	<10	<5	0.72	<5	<50	31.0	<1	39	135
C64334 (394834)	18	<10	<5	160	<10	<10	<5	0.61	<5	<50	11.8	<1	43	173
C64335 (394835)	19	<10	<5	337	<10	<10	<5	0.77	<5	<50	57.4	<1	39	157
C64336 (394836)	16	<10	<5	358	<10	<10	<5	0.56	<5	<50	65.1	<1	27	139
C64337 (394837)	5	<10	<5	329	<10	<10	<5	0.17	<5	<50	23.9	<1	7	33.5
C64338 (394838)	5	<10	<5	328	<10	<10	<5	0.16	<5	<50	25.0	<1	7	30.2
C64339 (394839)	22	<10	<5	212	<10	<10	<5	0.52	<5	<50	69.6	<1	39	124
C64340 (394840)	20	<10	<5	232	<10	<10	<5	0.55	<5	<50	120	<1	29	92.9
C64341 (394841)	14	<10	<5	444	<10	<10	<5	0.48	<5	<50	67.4	<1	26	55.1
C64342 (394842)	29	<10	<5	73	<10	<10	<5	0.46	<5	<50	52.3	<1	40	24.7

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## Certificate of Analysis

AGAT WORK ORDER: 19T499185

PROJECT: AGAT00719

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
C64343 (394843)	12	<10	<5	275	<10	<10	<5	0.44	<5	<50	45.0	<1	13	9.3
C64344 (394844)	14	<10	<5	324	<10	<10	<5	0.62	<5	<50	33.2	<1	22	33.5
C64345 (394845)	20	<10	<5	764	<10	<10	<5	1.04	<5	<50	154	<1	21	54.1
C64346 (394846)	46	<10	<5	114	<10	<10	<5	0.70	<5	<50	308	<1	23	73.0
C64347 (394847)	19	<10	<5	199	<10	<10	<5	0.50	<5	<50	117	<1	26	43.5
C64348 (394848)	9	<10	<5	651	<10	<10	<5	0.34	<5	<50	95.1	<1	15	32.7
C64349 (394849)	23	<10	<5	257	<10	<10	<5	0.63	<5	<50	75.2	<1	37	111
C64350 (394850)	23	<10	<5	1050	<10	<10	<5	1.37	<5	<50	248	<1	30	148

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## Certificate of Analysis

AGAT WORK ORDER: 19T499185

PROJECT: AGAT00719

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
C64279 (394779)			144
C64280 (394780)			79
C64281 (394781)			181
C64282 (394782)			46
C64283 (394783)			64
C64284 (394784)			104
C64285 (394785)			26
C64286 (394786)			54
C64287 (394787)			156
C64288 (394788)			202
C64289 (394789)			95
C64290 (394790)			127
C64291 (394791)			26
C64292 (394792)			<5
C64293 (394793)			61
C64294 (394794)			386
C64295 (394795)			77
C64296 (394796)			118
C64297 (394797)			120
C64298 (394798)			113
C64299 (394799)			123
C64300 (394800)			97
C64301 (394801)			13
C64302 (394802)			107
C64303 (394803)			76
C64304 (394804)			130
C64305 (394805)			94
C64306 (394806)			86
C64307 (394807)			95
C64308 (394808)			86
C64309 (394809)			141
C64310 (394810)			43

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AGAT WORK ORDER: 19T499185

PROJECT: AGAT00719

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C64311 (394811)				135
C64312 (394812)				<5
C64313 (394813)				72
C64314 (394814)				27
C64315 (394815)				123
C64316 (394816)				60
C64317 (394817)				35
C64318 (394818)				38
C64319 (394819)				47
C64320 (394820)				48
C64321 (394821)				109
C64322 (394822)				124
C64323 (394823)				121
C64324 (394824)				133
C64325 (394825)				84
C64326 (394826)				43
C64327 (394827)				142
C64328 (394828)				168
C64329 (394829)				80
C64330 (394830)				61
C64331 (394831)				56
C64332 (394832)				<5
C64333 (394833)				84
C64334 (394834)				107
C64335 (394835)				139
C64336 (394836)				103
C64337 (394837)				23
C64338 (394838)				27
C64339 (394839)				88
C64340 (394840)				143
C64341 (394841)				118
C64342 (394842)				38

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# Certificate of Analysis

AGAT WORK ORDER: 19T499185

PROJECT: AGAT00719

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

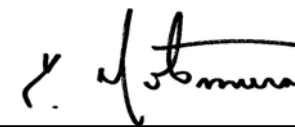
Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
C64343 (394843)	36
C64344 (394844)	66
C64345 (394845)	96
C64346 (394846)	53
C64347 (394847)	78
C64348 (394848)	116
C64349 (394849)	103
C64350 (394850)	22

Comments: RDL - Reported Detection Limit

394779-394850 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T499185

PROJECT: AGAT00719

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 29, 2019

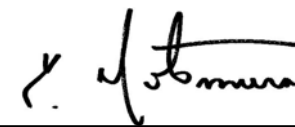
DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C64279 (394779)			0.003
C64280 (394780)			0.004
C64281 (394781)			0.007
C64282 (394782)			0.005
C64283 (394783)			0.008
C64284 (394784)			0.025
C64285 (394785)			0.003
C64286 (394786)			0.522
C64287 (394787)			0.009
C64288 (394788)			0.012
C64289 (394789)			0.005
C64290 (394790)			0.005
C64291 (394791)			0.004
C64292 (394792)			0.002
C64293 (394793)			0.003
C64294 (394794)			0.003
C64295 (394795)			0.002
C64296 (394796)			0.003
C64297 (394797)			0.003
C64298 (394798)			0.003
C64299 (394799)			0.006
C64300 (394800)			0.004
C64301 (394801)			0.003
C64302 (394802)			0.003
C64303 (394803)			0.004
C64304 (394804)			0.005
C64305 (394805)			0.006
C64306 (394806)			0.342
C64307 (394807)			0.005
C64308 (394808)			0.007
C64309 (394809)			0.007
C64310 (394810)			0.007

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T499185

PROJECT: AGAT00719

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C64311 (394811)			0.004
C64312 (394812)			0.002
C64313 (394813)			0.003
C64314 (394814)			0.002
C64315 (394815)			0.010
C64316 (394816)			0.010
C64317 (394817)			0.005
C64318 (394818)			0.005
C64319 (394819)			0.008
C64320 (394820)			0.005
C64321 (394821)			0.004
C64322 (394822)			0.003
C64323 (394823)			0.003
C64324 (394824)			0.004
C64325 (394825)			0.012
C64326 (394826)			1.21
C64327 (394827)			0.007
C64328 (394828)			0.017
C64329 (394829)			0.011
C64330 (394830)			0.005
C64331 (394831)			0.002
C64332 (394832)			0.002
C64333 (394833)			0.003
C64334 (394834)			0.003
C64335 (394835)			0.004
C64336 (394836)			0.003
C64337 (394837)			0.003
C64338 (394838)			0.002
C64339 (394839)			0.005
C64340 (394840)			0.004
C64341 (394841)			0.004
C64342 (394842)			0.004

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AGAT WORK ORDER: 19T499185

PROJECT: AGAT00719

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C64343 (394843)			0.003
C64344 (394844)			0.004
C64345 (394845)			0.003
C64346 (394846)			0.555
C64347 (394847)			0.007
C64348 (394848)			0.005
C64349 (394849)			0.003
C64350 (394850)			0.003

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T499185

PROJECT: AGAT00719

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
C64279 (394779)		78.19
C64298 (394798)		81.77
C64318 (394818)		80.48
C64338 (394838)		81.75

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Val D'Or (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T499185

PROJECT: AGAT00719

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

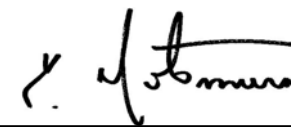
SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
C64279 (394779)		85.19
C64318 (394818)		87.09
C64335 (394835)		86.79

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Val D'Or (unless marked by \*)

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	394779	< 0.5	< 0.5	0.0%	394793	< 0.5	< 0.5	0.0%	394804	< 0.5	< 0.5	0.0%	394818	< 0.5	< 0.5	0.0%
Al	394779	5.21	5.28	1.3%	394793	7.34	7.29	0.7%	394804	7.24	7.30	0.8%	394818	7.78	7.68	1.3%
As	394779	< 1	2		394793	< 1	< 1	0.0%	394804	< 1	< 1	0.0%	394818	< 1	< 1	0.0%
Ba	394779	234	244	4.2%	394793	417	418	0.2%	394804	279	286	2.5%	394818	620	638	2.9%
Be	394779	1.0	1.0	0.0%	394793	0.6	0.6	0.0%	394804	0.5	0.5	0.0%	394818	0.87	0.82	5.9%
Bi	394779	< 1	< 1	0.0%	394793	< 1	< 1	0.0%	394804	< 1	< 1	0.0%	394818	< 1	< 1	0.0%
Ca	394779	0.49	0.47	4.2%	394793	2.94	2.92	0.7%	394804	3.45	3.57	3.4%	394818	4.48	4.58	2.2%
Cd	394779	< 0.5	< 0.5	0.0%	394793	< 0.5	< 0.5	0.0%	394804	< 0.5	< 0.5	0.0%	394818	< 0.5	< 0.5	0.0%
Ce	394779	67	68	1.5%	394793	86	84	2.4%	394804	41	41	0.0%	394818	62	60	3.3%
Co	394779	2.6	2.5	3.9%	394793	11.6	12.2	5.0%	394804	12.0	11.0	8.7%	394818	14.2	13.8	2.9%
Cr	394779	136	111	20.2%	394793	57.4	68.9	18.2%	394804	149	125	17.5%	394818	112	112	0.0%
Cu	394779	9.52	8.53	11.0%	394793	15.6	16.1	3.2%	394804	51.9	51.7	0.4%	394818	30.6	31.5	2.9%
Fe	394779	3.57	3.59	0.6%	394793	7.95	7.89	0.8%	394804	7.47	7.63	2.1%	394818	7.00	7.16	2.3%
Ga	394779	19	19	0.0%	394793	24	24	0.0%	394804	22	20	9.5%	394818	25	24	4.1%
In	394779	< 1	< 1	0.0%	394793	< 1	< 1	0.0%	394804	< 1	< 1	0.0%	394818	< 1	< 1	0.0%
K	394779	1.53	1.57	2.6%	394793	1.52	1.52	0.0%	394804	1.04	1.05	1.0%	394818	1.59	1.58	0.6%
La	394779	31	31	0.0%	394793	44	43	2.3%	394804	19	18	5.4%	394818	27	27	0.0%
Li	394779	31	32	3.2%	394793	25	24	4.1%	394804	17	17	0.0%	394818	9	8	11.8%
Mg	394779	2.31	2.31	0.0%	394793	1.20	1.21	0.8%	394804	1.27	1.26	0.8%	394818	0.911	0.904	0.8%
Mn	394779	426	430	0.9%	394793	1780	1800	1.1%	394804	1920	1880	2.1%	394818	1340	1330	0.7%
Mo	394779	11.6	11.1	4.4%	394793	2.0	2.0	0.0%	394804	11.1	8.8		394818	2.14	2.40	11.5%
Na	394779	1.00	1.02	2.0%	394793	1.85	1.85	0.0%	394804	1.83	1.89	3.2%	394818	1.99	2.05	3.0%
Ni	394779	5.8	4.6	23.1%	394793	3.35	4.14	21.1%	394804	9.09	8.44	7.4%	394818	6.9	7.2	4.3%
P	394779	309	305	1.3%	394793	1210	1220	0.8%	394804	914	891	2.5%	394818	1610	1590	1.3%
Pb	394779	< 20	< 20	0.0%	394793	< 20	< 20	0.0%	394804	< 20	< 20	0.0%	394818	< 20	< 20	0.0%
Rb	394779	< 50	< 50	0.0%	394793	< 50	< 50	0.0%	394804	< 50	< 50	0.0%	394818	< 50	< 50	0.0%
S	394779	1.51	1.54	2.0%	394793	0.15	0.15	0.0%	394804	0.23	0.23	0.0%	394818	0.251	0.258	2.8%
Sb	394779	< 1	< 1	0.0%	394793	< 1	< 1	0.0%	394804	< 1	< 1	0.0%	394818	< 1	< 1	0.0%
Sc	394779	12	13	8.0%	394793	18	18	0.0%	394804	17	17	0.0%	394818	18	18	0.0%
Se	394779	< 10	< 10	0.0%	394793	< 10	< 10	0.0%	394804	< 10	< 10	0.0%	394818	< 10	< 10	0.0%
Sn	394779	< 5	< 5	0.0%	394793	< 5	< 5	0.0%	394804	< 5	< 5	0.0%	394818	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	394779	50	48	4.1%	394793	149	149	0.0%	394804	167	171	2.4%	394818	436	437	0.2%
Ta	394779	< 10	< 10	0.0%	394793	< 10	< 10	0.0%	394804	< 10	< 10	0.0%	394818	< 10	< 10	0.0%
Te	394779	< 10	< 10	0.0%	394793	< 10	< 10	0.0%	394804	< 10	< 10	0.0%	394818	< 10	< 10	0.0%
Th	394779	< 5	< 5	0.0%	394793	< 5	< 5	0.0%	394804	< 5	< 5	0.0%	394818	< 5	< 5	0.0%
Ti	394779	0.203	0.205	1.0%	394793	0.57	0.57	0.0%	394804	0.46	0.47	2.2%	394818	0.593	0.607	2.3%
Tl	394779	< 5	< 5	0.0%	394793	< 5	< 5	0.0%	394804	< 5	< 5	0.0%	394818	< 5	< 5	0.0%
U	394779	< 50	< 50	0.0%	394793	< 50	< 50	0.0%	394804	< 50	< 50	0.0%	394818	< 50	< 50	0.0%
V	394779	3.1	3.0	3.3%	394793	9.1	8.9	2.2%	394804	21.5	22.4	4.1%	394818	20.1	20.4	1.5%
W	394779	< 1	< 1	0.0%	394793	< 1	< 1	0.0%	394804	< 1	< 1	0.0%	394818	< 1	< 1	0.0%
Y	394779	14	15	6.9%	394793	41	42	2.4%	394804	37	36	2.7%	394818	41	40	2.5%
Zn	394779	52.0	52.1	0.2%	394793	169	172	1.8%	394804	98.2	101	2.8%	394818	186	191	2.7%
Zr	394779	144	138	4.3%	394793	61	50	19.8%	394804	130	135	3.8%	394818	38	36	5.4%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	394829	< 0.5	< 0.5	0.0%	394843	< 0.5	< 0.5	0.0%								
Al	394829	7.76	7.74	0.3%	394843	6.18	6.22	0.6%								
As	394829	< 1	< 1	0.0%	394843	< 1	< 1	0.0%								
Ba	394829	686	708	3.2%	394843	126	128	1.6%								
Be	394829	1.0	1.0	0.0%	394843	< 0.5	< 0.5	0.0%								
Bi	394829	< 1	< 1	0.0%	394843	< 1	< 1	0.0%								
Ca	394829	3.47	3.51	1.1%	394843	0.583	0.592	1.5%								
Cd	394829	< 0.5	< 0.5	0.0%	394843	< 0.5	< 0.5	0.0%								
Ce	394829	79	80	1.3%	394843	70	71	1.4%								
Co	394829	13.7	14.0	2.2%	394843	19.8	20.0	1.0%								
Cr	394829	126	138	9.1%	394843	109	100	8.6%								
Cu	394829	59.0	61.7	4.5%	394843	8.53	9.70	12.8%								
Fe	394829	5.37	5.45	1.5%	394843	2.07	2.12	2.4%								
Ga	394829	24	23	4.3%	394843	17	17	0.0%								
In	394829	< 1	< 1	0.0%	394843	< 1	< 1	0.0%								
K	394829	1.15	1.17	1.7%	394843	0.557	0.565	1.4%								
La	394829	38	38	0.0%	394843	30	30	0.0%								
Li	394829	20	20	0.0%	394843	13	13	0.0%								
Mg	394829	1.03	1.03	0.0%	394843	0.56	0.57	1.8%								
Mn	394829	893	889	0.4%	394843	62	66	6.3%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	394829	2.1	3.1		394843	2.0	2.1	4.9%								
Na	394829	2.31	2.32	0.4%	394843	0.98	1.01	3.0%								
Ni	394829	14.5	14.6	0.7%	394843	15.3	15.4	0.7%								
P	394829	1330	1320	0.8%	394843	1200	1220	1.7%								
Pb	394829	< 20	< 20	0.0%	394843	< 20	< 20	0.0%								
Rb	394829	< 50	< 50	0.0%	394843	< 50	< 50	0.0%								
S	394829	0.46	0.49	6.3%	394843	0.221	0.237	7.0%								
Sb	394829	< 1	< 1	0.0%	394843	< 1	< 1	0.0%								
Sc	394829	13	13	0.0%	394843	12	12	0.0%								
Se	394829	< 10	< 10	0.0%	394843	< 10	< 10	0.0%								
Sn	394829	< 5	< 5	0.0%	394843	< 5	< 5	0.0%								
Sr	394829	361	367	1.6%	394843	275	282	2.5%								
Ta	394829	< 10	< 10	0.0%	394843	< 10	< 10	0.0%								
Te	394829	< 10	< 10	0.0%	394843	< 10	< 10	0.0%								
Th	394829	< 5	< 5	0.0%	394843	< 5	< 5	0.0%								
Ti	394829	0.47	0.48	2.1%	394843	0.44	0.45	2.2%								
Tl	394829	< 5	< 5	0.0%	394843	< 5	< 5	0.0%								
U	394829	< 50	< 50	0.0%	394843	< 50	< 50	0.0%								
V	394829	37.5	37.6	0.3%	394843	45.0	45.7	1.5%								
W	394829	< 1	< 1	0.0%	394843	< 1	< 1	0.0%								
Y	394829	27	27	0.0%	394843	13	14	7.4%								
Zn	394829	127	129	1.6%	394843	9.3	10.4	11.2%								
Zr	394829	80	87	8.4%	394843	36	37	2.7%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	394779	0.003	0.003	0.0%	394793	0.003	0.003	0.0%	394804	0.0045	0.0043	4.5%	394818	0.0051	0.0057	11.1%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	394829	0.011	0.009	20.0%	394843	0.0028	0.0036	25.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.Till-2)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	11.42	104%	90% - 110%					8.17	8.52	104%	90% - 110%				
As									26	24	92%	90% - 110%				
Ba	340	344	101%	90% - 110%					540	540	100%	90% - 110%				
Be	2.6	2.7	103%	90% - 110%					4.0	3.4	85%	90% - 110%				
Ca	5.72	5.63	98%	90% - 110%					0.907	0.895	99%	90% - 110%				
Ce	122	115	94%	90% - 110%					98	98	100%	90% - 110%				
Cr									60.3	61.4	102%	90% - 110%				
Cu	7	5	73%	90% - 110%					150	152	101%	90% - 110%				
Fe	4.34	4.23	98%	90% - 110%					3.77	3.72	99%	90% - 110%				
Ga	35	34	97%	90% - 110%												
K	1.37	1.41	103%	90% - 110%												
La	58	55	96%	90% - 110%					44	45	102%	90% - 110%				
Li	37	40	109%	90% - 110%					47	49	104%	90% - 110%				
Mg	0.325	0.303	93%	90% - 110%					1.10	1.07	97%	90% - 110%				
Mn									780	764	98%	90% - 110%				
Mo					14	12	88%	90% - 110%					2.49	2.73	110%	90% - 110%
Na	5.267	5.428	103%	90% - 110%					1.624	1.689	104%	90% - 110%				
Ni									32	30	93%	90% - 110%				
P									750	725	97%	90% - 110%				
Pb									31	28	90%	90% - 110%				
Sc	1.1	0.9	78%	90% - 110%					12	12	101%	90% - 110%				
Sr	1191	1210	102%	90% - 110%					144	154	107%	90% - 110%				
Ti	0.172	0.182	106%	90% - 110%					0.53	0.51	96%	90% - 110%				
V	8	7	85%	90% - 110%					77	76	99%	90% - 110%				
Y	119	123	103%	90% - 110%												
Zn	93	92	99%	90% - 110%					130	119	91%	90% - 110%				
	CRM #5 (ref.GTS-2a)				CRM #6 (ref.WMG-1a)											
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Ag					3.03	3.31	109%	90% - 110%								
Al	6.96	7.06	101%	90% - 110%	4.75	5.1	107%	90% - 110%								
As	124	120	97%	90% - 110%												



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Ba	186	193	104%	90% - 110%	216	233	108%	90% - 110%								
Ca	4.01	3.94	98%	90% - 110%	10	9	94%	90% - 110%								
Ce	24	23	94%	90% - 110%												
Co	22.1	22	99%	90% - 110%	191	173	90%	90% - 110%								
Cr					670	624	93%	90% - 110%								
Cu	88.6	88.9	100%	90% - 110%	7120	7450	105%	90% - 110%								
Fe	7.56	7.38	98%	90% - 110%	12.71	11.9	94%	90% - 110%								
K	2.021	1.992	99%	90% - 110%	0.1021	0.1094	107%	90% - 110%								
La					8.47	9.1	107%	90% - 110%								
Mg	2.412	2.323	96%	90% - 110%	7.41	7.18	97%	90% - 110%								
Mn	1510	1424	94%	90% - 110%												
Na	0.617	0.641	104%	90% - 110%	0.112	0.123	109%	90% - 110%								
Ni	77.1	71.3	93%	90% - 110%	2480	2242	90%	90% - 110%								
P	892	935	105%	90% - 110%	731	707	97%	90% - 110%								
S	0.348	0.345	99%	90% - 110%												
Sc					21.33	21.69	102%	90% - 110%								
Sr	92.8	93.2	100%	90% - 110%	39	39	99%	90% - 110%								
Ti					0.419	0.43	103%	90% - 110%								
V					158	156	99%	90% - 110%								
Y					12.67	13.46	106%	90% - 110%								
Zn	208	200	96%	90% - 110%	112	105	93%	90% - 110%								
Zr					35.7	35.5	99%	90% - 110%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP5G)				CRM #4 (ref.GSP7M)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.27	5.35	102%	90% - 110%	6.87	7.02	102%	90% - 110%	0.562	0.58	103%	90% - 110%	0.725	0.738	102%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00719  
 SAMPLING SITE:

AGAT WORK ORDER: 19T499185  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00720

AGAT WORK ORDER: 19T499186

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Aug 20, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.





## Certificate of Analysis

AGAT WORK ORDER: 19T499186

PROJECT: AGAT00720

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C64351 (394874)		2.48
C64352 (394875)		0.60
C64353 (394876)		3.07
C64354 (394877)		1.61
C64355 (394878)		3.44
C64356 (394879)		2.22
C64357 (394880)		2.01
C64358 (394881)		2.01
C64359 (394882)		1.88
C64360 (394883)		1.03
C64361 (394884)		0.89
C64362 (394885)		1.87
C64363 (394886)		3.02
C64364 (394887)		1.45
C64365 (394888)		1.41
C64366 (394889)		0.06
C64367 (394890)		3.19
C64368 (394891)		2.75
C64369 (394892)		1.90
C64370 (394893)		3.12
C64371 (394894)		3.06
C64372 (394895)		0.56
C64373 (394896)		2.07
C64374 (394897)		1.67
C64375 (394898)		2.94
C64376 (394899)		3.05
C64377 (394900)		2.52
C64378 (394901)		2.52
C64379 (394902)		1.82
C64380 (394903)		3.08
C64381 (394904)		2.91

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T499186

PROJECT: AGAT00720

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C64382 (394905)		2.23
C64383 (394906)		3.01
C64384 (394907)		1.30
C64385 (394908)		3.24
C64386 (394909)		0.06
C64387 (394910)		3.24
C64388 (394911)		3.04
C64389 (394912)		3.30
C64390 (394913)		3.36
C64391 (394914)		3.07
C64392 (394915)		0.64
C64393 (394916)		2.65
C64394 (394917)		2.36
C64395 (394918)		1.13
C64396 (394919)		1.68
C64397 (394920)		1.56
C64398 (394921)		1.56
C64399 (394922)		1.48
C64400 (394923)		2.31
C64401 (394924)		1.65
C64402 (394925)		3.10
C64403 (394926)		3.22
C64404 (394927)		1.90
C64405 (394928)		3.57
C64406 (394929)		0.06
C64407 (394930)		1.50
C64408 (394931)		3.13
C64409 (394932)		3.22
C64410 (394933)		2.80
C64411 (394934)		1.02
C64412 (394935)		0.62

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T499186

PROJECT: AGAT00720

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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

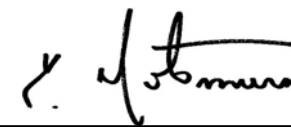
SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
C64413 (394936)		2.57
C64414 (394937)		2.11
C64415 (394938)		1.78
C64416 (394939)		1.74
C64417 (394940)		1.65
C64418 (394941)		1.65
C64419 (394942)		1.92
C64420 (394943)		2.01
C64421 (394944)		1.60
C64422 (394945)		3.29

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Val D'Or (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T499186

PROJECT: AGAT00720

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

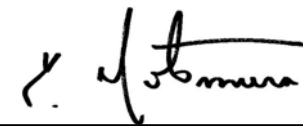
DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
C64351 (394874)		<0.5	5.56	<1	85	<0.5	<1	0.83	<0.5	62	6.6	146	6.9	1.19	11
C64352 (394875)		<0.5	0.08	<1	18	<0.5	<1	29.9	<0.5	<1	1.4	6.6	<0.5	0.18	6
C64353 (394876)		<0.5	3.05	<1	882	1.5	<1	9.11	<0.5	210	65.2	486	120	11.1	24
C64354 (394877)		<0.5	5.94	<1	220	4.0	<1	1.46	<0.5	50	16.9	147	14.5	2.57	15
C64355 (394878)		<0.5	7.18	2	46	<0.5	<1	5.05	<0.5	16	38.6	334	43.9	6.11	19
C64356 (394879)		<0.5	7.43	<1	99	0.6	<1	2.88	<0.5	18	64.8	388	86.9	7.20	24
C64357 (394880)		<0.5	6.12	<1	263	0.6	<1	1.20	<0.5	26	25.4	205	166	5.13	21
C64358 (394881)		<0.5	6.34	<1	275	0.7	<1	1.17	<0.5	27	26.0	222	171	5.27	21
C64359 (394882)		<0.5	8.04	<1	133	0.9	<1	3.06	<0.5	22	34.1	137	14.9	7.29	23
C64360 (394883)		<0.5	6.48	<1	348	1.5	<1	7.22	<0.5	73	34.2	127	82.7	7.13	20
C64361 (394884)		<0.5	4.35	<1	879	3.1	<1	6.89	<0.5	137	44.8	274	56.4	7.37	19
C64362 (394885)		<0.5	7.87	1	470	0.9	<1	2.19	<0.5	39	7.0	96.0	45.6	2.27	22
C64363 (394886)		<0.5	7.45	<1	292	0.5	<1	3.03	<0.5	29	17.0	121	21.6	5.13	23
C64364 (394887)		<0.5	7.63	<1	294	<0.5	<1	3.78	<0.5	36	21.0	123	28.4	4.92	21
C64365 (394888)		<0.5	8.18	<1	290	0.6	<1	4.94	<0.5	44	9.6	119	49.8	4.85	22
C64366 (394889)		<0.5	7.20	<1	148	<0.5	<1	6.84	<0.5	3	41.3	149	155	8.31	21
C64367 (394890)		<0.5	7.39	<1	261	0.6	<1	4.14	<0.5	116	20.2	162	60.7	5.18	21
C64368 (394891)		<0.5	6.52	<1	425	0.5	<1	4.09	<0.5	42	27.2	226	33.0	5.53	22
C64369 (394892)		<0.5	6.89	<1	320	1.5	<1	4.00	<0.5	35	19.3	140	37.7	5.14	21
C64370 (394893)		<0.5	7.57	<1	459	1.0	<1	2.74	<0.5	33	14.4	120	13.4	4.96	22
C64371 (394894)		<0.5	7.25	<1	361	0.8	<1	3.01	<0.5	44	18.3	122	29.2	5.15	21
C64372 (394895)		<0.5	0.09	<1	15	<0.5	<1	30.8	<0.5	<1	0.9	8.4	<0.5	0.12	6
C64373 (394896)		<0.5	5.95	<1	641	1.1	<1	5.24	<0.5	102	27.4	181	33.1	6.27	20
C64374 (394897)		<0.5	6.75	<1	330	0.7	<1	3.13	<0.5	50	13.5	121	21.5	5.09	22
C64375 (394898)		<0.5	7.24	<1	315	0.9	<1	3.04	<0.5	40	15.0	122	45.1	4.98	22
C64376 (394899)		<0.5	7.92	<1	240	<0.5	<1	4.37	<0.5	22	22.6	105	90.6	4.51	21
C64377 (394900)		<0.5	8.34	<1	264	0.5	<1	4.45	<0.5	26	22.7	65.3	71.5	5.15	22
C64378 (394901)		<0.5	8.28	<1	258	<0.5	<1	4.42	<0.5	26	23.5	56.7	74.1	5.08	22
C64379 (394902)		<0.5	6.54	<1	493	1.2	<1	2.08	<0.5	18	11.7	96.6	25.8	3.17	22
C64380 (394903)		<0.5	7.60	<1	292	0.8	<1	4.38	<0.5	33	20.3	76.6	12.6	4.49	22
C64381 (394904)		<0.5	6.91	<1	317	1.1	<1	2.74	<0.5	47	11.3	91.3	14.9	5.13	21
C64382 (394905)		<0.5	6.51	<1	288	1.0	<1	2.49	<0.5	59	9.4	114	15.4	5.00	21

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T499186

PROJECT: AGAT00720

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
C64383 (394906)		0.7	6.61	<1	267	0.9	<1	2.00	<0.5	54	7.2	112	10.3	4.31	20
C64384 (394907)		<0.5	6.66	<1	298	0.9	<1	2.76	<0.5	43	8.2	85.9	8.7	4.77	21
C64385 (394908)		<0.5	7.66	<1	402	0.6	<1	3.16	<0.5	35	17.0	89.8	113	5.45	23
C64386 (394909)		<0.5	6.93	<1	142	<0.5	<1	6.47	<0.5	3	41.9	133	149	7.88	22
C64387 (394910)		<0.5	7.70	<1	275	0.6	<1	3.42	<0.5	33	14.1	85.6	42.6	5.57	22
C64388 (394911)		<0.5	7.56	<1	429	0.9	<1	3.21	<0.5	32	15.3	90.7	98.0	4.69	22
C64389 (394912)		<0.5	7.83	<1	232	0.8	<1	3.44	<0.5	24	13.3	92.5	11.8	4.35	22
C64390 (394913)		<0.5	8.18	<1	272	1.7	<1	3.36	<0.5	29	9.7	61.1	7.2	4.09	22
C64391 (394914)		<0.5	8.19	<1	320	0.9	<1	3.41	<0.5	28	10.9	88.7	10.9	4.24	22
C64392 (394915)		<0.5	0.08	4	13	<0.5	<1	31.0	<0.5	<1	0.9	6.8	<0.5	0.11	5
C64393 (394916)		<0.5	6.63	<1	289	<0.5	<1	4.07	<0.5	64	26.8	93.0	88.3	4.87	21
C64394 (394917)		<0.5	8.27	<1	221	0.5	<1	4.18	<0.5	14	24.2	65.2	51.9	4.56	22
C64395 (394918)		<0.5	8.04	3	181	1.4	<1	3.07	<0.5	19	13.2	69.8	26.0	2.96	22
C64396 (394919)		<0.5	7.82	<1	174	0.6	<1	6.54	<0.5	9	36.9	158	85.1	6.77	21
C64397 (394920)		<0.5	8.24	<1	81	0.7	<1	7.96	<0.5	2	43.3	195	130	8.48	22
C64398 (394921)		<0.5	8.14	<1	80	0.7	<1	7.78	<0.5	1	43.9	213	125	8.30	22
C64399 (394922)		0.6	6.50	<1	298	0.8	<1	1.76	<0.5	62	6.9	79.5	23.6	3.06	19
C64400 (394923)		<0.5	5.99	<1	375	2.1	<1	3.44	<0.5	95	16.5	137	28.6	3.92	19
C64401 (394924)		<0.5	7.33	<1	112	1.2	<1	6.61	<0.5	1	34.3	192	65.0	6.65	20
C64402 (394925)		<0.5	7.66	<1	202	0.9	<1	2.38	<0.5	21	9.4	68.8	92.7	2.63	21
C64403 (394926)		1.6	7.25	<1	324	2.2	<1	3.00	<0.5	30	17.3	98.1	32.2	3.16	22
C64404 (394927)		0.5	7.02	<1	295	0.9	<1	2.18	<0.5	51	6.8	83.2	29.6	2.88	19
C64405 (394928)		<0.5	7.98	<1	65	0.6	<1	7.27	<0.5	<1	43.6	213	129	7.91	21
C64406 (394929)		<0.5	7.12	<1	180	<0.5	<1	6.22	<0.5	15	41.1	144	103	7.69	23
C64407 (394930)		<0.5	7.57	<1	106	<0.5	<1	6.99	<0.5	3	39.2	210	40.9	7.55	21
C64408 (394931)		0.6	6.50	<1	308	0.7	<1	1.80	<0.5	64	7.1	88.5	69.8	2.99	18
C64409 (394932)		<0.5	6.66	<1	373	1.0	<1	1.70	<0.5	64	6.2	85.8	3.9	2.92	18
C64410 (394933)		<0.5	6.57	<1	376	1.0	<1	1.85	<0.5	66	6.0	80.9	4.0	3.09	18
C64411 (394934)		<0.5	7.71	3	2000	1.0	<1	1.68	<0.5	116	2.8	53.1	10.2	1.00	17
C64412 (394935)		<0.5	0.07	<1	18	<0.5	<1	32.4	<0.5	<1	1.0	15.9	4.4	0.11	6
C64413 (394936)		0.7	6.96	<1	365	0.8	<1	2.12	<0.5	64	10.9	84.0	90.5	3.65	20
C64414 (394937)		<0.5	6.58	<1	109	<0.5	<1	6.32	<0.5	74	52.2	49.5	219	12.4	24

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T499186

PROJECT: AGAT00720

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
C64415 (394938)		<0.5	6.52	<1	312	1.4	<1	6.71	<0.5	51	44.0	124	162	8.61	23
C64416 (394939)		<0.5	4.80	<1	393	1.8	<1	4.80	<0.5	52	69.9	652	132	8.49	20
C64417 (394940)		0.9	6.46	<1	586	1.6	<1	1.90	<0.5	64	7.2	76.6	39.6	2.88	18
C64418 (394941)		0.9	6.62	<1	610	1.8	<1	1.99	<0.5	65	7.2	79.7	41.6	2.96	20
C64419 (394942)		<0.5	3.99	<1	1060	0.6	<1	7.33	<0.5	128	52.1	871	80.3	8.43	21
C64420 (394943)		<0.5	7.65	<1	1480	1.5	<1	2.48	<0.5	34	15.7	90.3	36.7	4.57	22
C64421 (394944)		<0.5	2.71	<1	577	2.2	<1	8.07	<0.5	144	67.5	862	91.1	8.76	16
C64422 (394945)		<0.5	6.54	<1	872	1.7	<1	4.68	<0.5	64	17.7	116	64.8	4.09	20

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T499186

PROJECT: AGAT00720

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

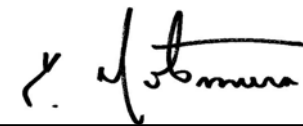
DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
C64351 (394874)		<1	0.35	30	4	0.63	227	15.2	0.77	33.5	1390	<20	<50	0.02	<1
C64352 (394875)		<1	0.01	<2	<1	4.36	100	<0.5	0.04	1.6	110	<20	<50	0.01	2
C64353 (394876)		<1	1.85	100	6	7.61	1570	2.0	0.73	299	1750	<20	<50	0.21	<1
C64354 (394877)		<1	0.94	24	47	1.93	485	10.5	2.10	103	1010	<20	<50	0.03	<1
C64355 (394878)		<1	0.15	10	32	5.29	956	<0.5	0.95	228	527	<20	<50	0.13	<1
C64356 (394879)		<1	0.23	11	107	6.23	960	6.6	1.10	256	524	<20	<50	0.37	<1
C64357 (394880)		<1	1.11	14	45	2.88	344	1.4	0.88	42.5	628	<20	<50	0.67	<1
C64358 (394881)		<1	1.16	15	47	2.92	354	1.5	0.93	43.1	639	<20	<50	0.71	<1
C64359 (394882)		<1	0.51	14	86	6.09	898	<0.5	1.86	53.4	678	<20	<50	0.05	<1
C64360 (394883)		<1	0.76	44	71	4.91	1260	3.2	2.53	71.6	2950	<20	<50	0.22	<1
C64361 (394884)		<1	1.48	68	44	6.20	1240	0.9	1.77	210	2140	<20	<50	0.15	<1
C64362 (394885)		<1	1.01	22	13	0.66	204	10.2	3.36	5.8	452	<20	<50	0.15	<1
C64363 (394886)		<1	1.03	16	20	1.47	858	0.7	2.20	20.6	793	<20	<50	0.07	<1
C64364 (394887)		<1	1.09	19	23	1.85	780	7.7	2.13	47.8	797	<20	<50	0.10	<1
C64365 (394888)		<1	0.52	21	9	0.86	1330	1.2	2.10	23.5	819	<20	<50	0.17	<1
C64366 (394889)		<1	0.20	5	12	4.46	1380	<0.5	2.25	91.5	377	<20	<50	0.15	<1
C64367 (394890)		<1	0.93	55	16	2.68	869	1.1	2.57	83.5	1700	<20	<50	0.25	<1
C64368 (394891)		<1	1.21	24	18	3.36	871	7.6	2.43	147	998	<20	<50	0.06	<1
C64369 (394892)		<1	0.78	18	16	2.19	1020	0.6	2.44	20.7	1040	<20	<50	0.06	<1
C64370 (394893)		<1	1.09	17	21	1.26	867	11.2	3.00	15.2	886	<20	<50	0.03	<1
C64371 (394894)		<1	1.04	23	15	2.04	896	<0.5	3.42	40.2	979	<20	<50	0.05	<1
C64372 (394895)		3	0.01	<2	1	2.71	61	0.6	0.05	0.8	93	<20	<50	0.01	2
C64373 (394896)		<1	1.36	51	24	3.79	1150	1.1	2.89	127	1710	<20	<50	0.08	<1
C64374 (394897)		<1	1.04	26	12	1.12	905	0.5	2.52	14.2	1050	<20	<50	0.03	<1
C64375 (394898)		<1	1.19	21	18	1.19	905	10.7	2.72	24.7	902	<20	<50	0.05	<1
C64376 (394899)		<1	0.59	13	10	2.09	696	2.5	2.81	67.3	571	<20	<50	0.10	<1
C64377 (394900)		<1	0.83	14	13	2.25	768	<0.5	2.96	58.0	708	<20	<50	0.06	<1
C64378 (394901)		<1	0.82	14	12	2.22	757	2.3	2.89	58.3	705	<20	<50	0.06	<1
C64379 (394902)		<1	1.97	12	35	1.08	342	0.7	2.48	32.5	155	<20	<50	0.03	<1
C64380 (394903)		<1	0.97	18	11	1.93	693	4.5	2.81	49.9	868	<20	<50	0.02	<1
C64381 (394904)		<1	1.05	22	15	0.88	779	1.1	2.79	6.8	869	<20	<50	0.02	<1
C64382 (394905)		<1	0.94	27	12	0.82	808	11.3	2.68	11.1	891	<20	<50	0.02	<1

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T499186

PROJECT: AGAT00720

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

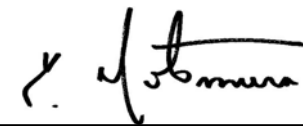
DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
C64383 (394906)		<1	1.21	26	15	0.65	583	1.4	2.72	4.5	775	<20	<50	0.02	<1
C64384 (394907)		<1	1.06	21	13	0.71	809	8.7	2.54	3.7	819	<20	<50	0.02	<1
C64385 (394908)		<1	1.39	18	20	1.27	903	1.1	2.74	19.7	742	<20	<50	0.16	<1
C64386 (394909)		<1	0.19	5	12	4.26	1310	<0.5	2.19	88.2	374	<20	<50	0.14	<1
C64387 (394910)		<1	1.00	17	17	1.18	961	8.0	3.10	17.6	784	<20	<50	0.08	<1
C64388 (394911)		<1	1.36	18	18	1.19	736	1.0	2.92	25.5	842	<20	<50	0.17	<1
C64389 (394912)		<1	1.03	13	13	1.04	764	9.5	3.13	7.5	666	<20	<50	0.03	<1
C64390 (394913)		<1	1.08	16	13	0.83	764	1.8	3.35	2.5	657	<20	<50	0.01	<1
C64391 (394914)		<1	1.17	15	14	0.91	762	0.7	3.34	6.3	675	<20	<50	0.03	<1
C64392 (394915)		<1	0.01	<2	1	2.82	66	<0.5	0.05	0.7	94	<20	<50	0.02	<1
C64393 (394916)		<1	1.78	33	8	1.87	816	<0.5	2.99	44.5	931	<20	<50	0.10	<1
C64394 (394917)		<1	1.07	9	15	2.23	775	0.8	3.08	63.9	424	<20	<50	0.09	<1
C64395 (394918)		<1	1.16	11	20	1.18	429	0.8	3.50	33.1	347	<20	<50	0.08	<1
C64396 (394919)		<1	0.65	7	12	3.98	1130	<0.5	2.33	92.4	340	<20	<50	0.07	<1
C64397 (394920)		<1	0.65	4	16	4.97	1470	<0.5	1.87	120	207	<20	<50	0.08	<1
C64398 (394921)		<1	0.64	4	15	4.89	1450	<0.5	1.83	122	209	<20	<50	0.08	<1
C64399 (394922)		<1	1.08	30	13	0.60	474	1.3	2.90	5.9	465	<20	<50	0.03	<1
C64400 (394923)		<1	1.09	47	42	2.18	599	2.4	3.29	84.5	1230	<20	<50	0.04	<1
C64401 (394924)		<1	0.82	3	10	3.92	1210	<0.5	2.39	93.3	187	<20	<50	0.06	<1
C64402 (394925)		<1	1.24	13	14	0.94	358	1.1	3.41	22.7	373	<20	<50	0.12	<1
C64403 (394926)		<1	1.31	17	28	2.07	469	0.9	3.89	90.4	673	<20	<50	0.06	<1
C64404 (394927)		<1	1.04	25	14	0.61	410	1.2	3.06	8.9	417	<20	<50	0.03	<1
C64405 (394928)		<1	0.45	4	21	4.65	1300	<0.5	2.13	114	203	<20	<50	0.09	<1
C64406 (394929)		<1	0.44	12	10	4.26	1260	<0.5	2.17	111	844	<20	<50	0.08	<1
C64407 (394930)		<1	0.61	4	15	4.41	1350	<0.5	2.17	104	164	<20	<50	0.03	<1
C64408 (394931)		<1	1.19	31	13	0.50	424	1.8	2.85	6.4	476	<20	<50	0.07	<1
C64409 (394932)		<1	1.41	32	14	0.53	395	1.3	2.94	4.7	462	<20	<50	0.01	<1
C64410 (394933)		<1	1.39	33	15	0.57	439	1.7	2.90	6.7	483	<20	<50	0.02	<1
C64411 (394934)		<1	3.12	65	9	0.26	106	0.9	3.09	2.3	324	<20	<50	0.01	<1
C64412 (394935)		2	0.02	<2	<1	1.69	40	<0.5	0.04	3.1	84	<20	<50	0.01	<1
C64413 (394936)		<1	1.39	32	17	0.74	439	2.0	3.22	8.1	533	<20	<50	0.14	<1
C64414 (394937)		<1	0.80	42	11	2.76	1790	<0.5	2.26	50.7	918	<20	<50	0.28	<1

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T499186

PROJECT: AGAT00720

5623 McADAM ROAD  
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 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
C64415 (394938)		<1	0.84	28	13	4.01	1350	<0.5	2.55	128	1070	<20	<50	0.14	<1
C64416 (394939)		<1	3.06	25	29	8.67	1330	<0.5	1.27	742	850	<20	<50	0.19	<1
C64417 (394940)		<1	1.13	31	12	0.75	337	2.2	3.51	16.3	526	<20	<50	0.07	<1
C64418 (394941)		<1	1.15	31	12	0.78	348	2.7	3.68	18.3	549	<20	<50	0.07	<1
C64419 (394942)		<1	1.48	59	41	7.55	1140	<0.5	1.68	398	1950	<20	<50	0.12	<1
C64420 (394943)		<1	1.54	18	42	2.42	585	<0.5	3.86	57.6	683	<20	<50	0.07	<1
C64421 (394944)		<1	2.31	70	414	8.23	1740	<0.5	1.17	455	1810	<20	<50	0.11	<1
C64422 (394945)		<1	2.76	31	32	2.30	749	0.9	3.53	69.5	1950	<20	<50	0.12	<1

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PROJECT: AGAT00720

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
C64351 (394874)	14	<10	<5	105	<10	<10	<5	0.32	<5	<50	81.6	<1	18	22.2
C64352 (394875)	<1	<10	<5	67	<10	<10	<5	0.02	<5	<50	3.3	1	2	4.2
C64353 (394876)	30	<10	<5	898	<10	<10	<5	2.15	<5	<50	338	<1	32	112
C64354 (394877)	17	<10	<5	178	<10	<10	<5	0.27	<5	<50	65.9	<1	21	82.8
C64355 (394878)	25	<10	<5	147	<10	<10	<5	0.19	<5	<50	146	<1	16	80.7
C64356 (394879)	29	<10	<5	88	<10	<10	<5	0.15	<5	<50	157	<1	17	81.2
C64357 (394880)	14	<10	<5	95	<10	<10	<5	0.28	<5	<50	98.6	<1	16	103
C64358 (394881)	14	<10	<5	101	<10	<10	<5	0.28	<5	<50	98.8	<1	16	105
C64359 (394882)	34	<10	<5	186	<10	<10	<5	0.28	<5	<50	232	<1	17	115
C64360 (394883)	29	<10	<5	728	<10	<10	<5	0.77	<5	<50	265	<1	26	101
C64361 (394884)	25	<10	<5	824	<10	<10	<5	1.14	<5	<50	206	<1	30	162
C64362 (394885)	4	<10	<5	306	<10	<10	<5	0.23	<5	<50	37.4	<1	6	86.3
C64363 (394886)	17	<10	<5	165	<10	<10	<5	0.47	<5	<50	97.2	<1	23	92.6
C64364 (394887)	19	<10	<5	215	<10	<10	<5	0.42	<5	<50	121	<1	18	91.6
C64365 (394888)	17	<10	<5	325	<10	<10	<5	0.39	<5	<50	53.1	<1	32	144
C64366 (394889)	46	<10	<5	119	<10	<10	<5	0.70	<5	<50	303	<1	23	77.3
C64367 (394890)	16	<10	<5	400	<10	<10	<5	0.44	<5	<50	94.8	<1	24	91.4
C64368 (394891)	16	<10	<5	386	<10	<10	<5	0.82	<5	<50	118	<1	21	80.4
C64369 (394892)	18	<10	<5	336	<10	<10	<5	0.36	<5	<50	110	<1	21	86.9
C64370 (394893)	16	<10	<5	254	<10	<10	<5	0.47	<5	<50	65.1	<1	27	88.8
C64371 (394894)	17	<10	<5	346	<10	<10	<5	0.52	<5	<50	89.4	<1	21	94.0
C64372 (394895)	<1	<10	<5	66	<10	<10	<5	<0.01	<5	<50	2.1	2	3	6.9
C64373 (394896)	17	<10	<5	591	<10	<10	<5	0.92	<5	<50	119	<1	30	96.9
C64374 (394897)	16	<10	<5	203	<10	<10	<5	0.55	<5	<50	56.9	<1	31	97.0
C64375 (394898)	17	<10	<5	209	<10	<10	<5	0.50	<5	<50	74.9	<1	28	93.3
C64376 (394899)	20	<10	<5	184	<10	<10	<5	0.37	<5	<50	129	<1	14	73.1
C64377 (394900)	21	<10	<5	250	<10	<10	<5	0.44	<5	<50	141	<1	16	83.8
C64378 (394901)	21	<10	<5	245	<10	<10	<5	0.44	<5	<50	141	<1	16	82.0
C64379 (394902)	6	<10	<5	198	<10	<10	<5	0.29	<5	<50	55.7	<1	4	71.5
C64380 (394903)	19	<10	<5	261	<10	<10	<5	0.40	<5	<50	124	<1	21	72.0
C64381 (394904)	18	<10	<5	181	<10	<10	<5	0.46	<5	<50	53.4	<1	39	110
C64382 (394905)	19	<10	<5	184	<10	<10	<5	0.48	<5	<50	22.0	<1	47	104

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T499186

PROJECT: AGAT00720

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
C64383 (394906)	14	<10	<5	151	<10	<10	<5	0.41	<5	<50	14.4	<1	34	102
C64384 (394907)	15	<10	<5	164	<10	<10	<5	0.40	<5	<50	13.0	<1	37	104
C64385 (394908)	17	<10	<5	190	<10	<10	<5	0.45	<5	<50	68.5	<1	30	247
C64386 (394909)	46	<10	<5	115	<10	<10	<5	0.67	<5	<50	304	<1	23	74.6
C64387 (394910)	17	<10	<5	229	<10	<10	<5	0.47	<5	<50	60.1	<1	28	93.5
C64388 (394911)	15	<10	<5	285	<10	<10	<5	0.42	<5	<50	77.2	<1	22	125
C64389 (394912)	16	<10	<5	259	<10	<10	<5	0.45	<5	<50	57.4	<1	19	76.4
C64390 (394913)	15	<10	<5	262	<10	<10	<5	0.41	<5	<50	43.8	<1	18	76.2
C64391 (394914)	13	<10	<5	360	<10	<10	<5	0.42	<5	<50	38.7	<1	18	78.8
C64392 (394915)	<1	<10	<5	72	<10	<10	<5	<0.01	<5	<50	1.4	2	2	4.2
C64393 (394916)	18	<10	<5	323	<10	<10	<5	0.61	<5	<50	108	<1	12	79.8
C64394 (394917)	18	<10	<5	265	<10	<10	<5	0.29	<5	<50	105	<1	11	68.7
C64395 (394918)	10	<10	<5	280	<10	<10	<5	0.21	<5	<50	63.9	<1	7	54.2
C64396 (394919)	34	<10	<5	227	<10	<10	<5	0.42	<5	<50	218	<1	17	64.8
C64397 (394920)	42	<10	<5	141	<10	<10	<5	0.52	<5	<50	257	<1	20	87.8
C64398 (394921)	42	<10	<5	137	<10	<10	<5	0.51	<5	<50	261	<1	20	86.7
C64399 (394922)	11	<10	<5	164	<10	<10	<5	0.30	<5	<50	24.2	<1	27	55.4
C64400 (394923)	15	<10	<5	426	<10	<10	<5	0.38	<5	<50	65.3	<1	27	69.5
C64401 (394924)	34	<10	<5	130	<10	<10	<5	0.41	<5	<50	203	<1	18	71.4
C64402 (394925)	8	<10	<5	243	<10	<10	<5	0.21	<5	<50	45.5	<1	9	57.7
C64403 (394926)	10	<10	<5	323	<10	<10	<5	0.35	<5	<50	72.1	<1	13	69.8
C64404 (394927)	10	<10	<5	184	<10	<10	<5	0.28	<5	<50	34.1	<1	25	50.4
C64405 (394928)	43	<10	<5	136	<10	<10	<5	0.48	<5	<50	257	<1	19	73.3
C64406 (394929)	36	<10	<5	251	<10	<10	<5	0.84	<5	<50	237	<1	23	82.4
C64407 (394930)	37	<10	<5	134	<10	<10	<5	0.45	<5	<50	231	<1	21	75.1
C64408 (394931)	10	<10	<5	145	<10	<10	<5	0.29	<5	<50	24.6	<1	25	55.9
C64409 (394932)	11	<10	<5	190	<10	<10	<5	0.29	<5	<50	35.4	<1	24	54.3
C64410 (394933)	10	<10	<5	183	<10	<10	<5	0.29	<5	<50	27.3	<1	24	56.5
C64411 (394934)	2	<10	<5	379	<10	<10	9	0.08	<5	<50	8.6	<1	5	22.1
C64412 (394935)	<1	<10	<5	73	<10	<10	<5	<0.01	<5	<50	1.4	2	2	3.0
C64413 (394936)	11	<10	<5	227	<10	<10	<5	0.34	<5	<50	50.9	<1	24	58.6
C64414 (394937)	21	<10	<5	479	<10	<10	<5	1.45	<5	<50	277	<1	29	140

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T499186

PROJECT: AGAT00720

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
C64415 (394938)	31	<10	<5	713	<10	<10	<5	0.78	<5	<50	220	<1	22	102
C64416 (394939)	23	<10	<5	220	<10	10	<5	0.50	<5	<50	151	<1	20	108
C64417 (394940)	10	<10	<5	221	<10	<10	<5	0.30	<5	<50	31.6	<1	24	53.4
C64418 (394941)	10	<10	<5	232	<10	<10	<5	0.31	<5	<50	32.5	<1	23	57.4
C64419 (394942)	31	<10	<5	748	<10	<10	<5	1.76	<5	<50	209	<1	26	142
C64420 (394943)	15	<10	<5	446	<10	<10	<5	0.32	<5	<50	73.1	<1	11	64.9
C64421 (394944)	66	<10	<5	775	<10	<10	<5	1.43	<5	<50	320	<1	28	117
C64422 (394945)	31	<10	<5	503	<10	<10	<5	0.46	<5	<50	206	<1	11	59.1

Certified By:

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AGAT WORK ORDER: 19T499186

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

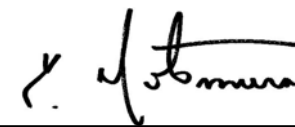
DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
C64351 (394874)			45
C64352 (394875)			<5
C64353 (394876)			48
C64354 (394877)			72
C64355 (394878)			31
C64356 (394879)			25
C64357 (394880)			26
C64358 (394881)			27
C64359 (394882)			23
C64360 (394883)			121
C64361 (394884)			100
C64362 (394885)			75
C64363 (394886)			119
C64364 (394887)			93
C64365 (394888)			52
C64366 (394889)			53
C64367 (394890)			134
C64368 (394891)			129
C64369 (394892)			89
C64370 (394893)			151
C64371 (394894)			128
C64372 (394895)			<5
C64373 (394896)			113
C64374 (394897)			115
C64375 (394898)			157
C64376 (394899)			77
C64377 (394900)			86
C64378 (394901)			88
C64379 (394902)			133
C64380 (394903)			91
C64381 (394904)			193
C64382 (394905)			98

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T499186

PROJECT: AGAT00720

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C64383 (394906)				222
C64384 (394907)				133
C64385 (394908)				142
C64386 (394909)				54
C64387 (394910)				145
C64388 (394911)				110
C64389 (394912)				100
C64390 (394913)				114
C64391 (394914)				112
C64392 (394915)				<5
C64393 (394916)				66
C64394 (394917)				77
C64395 (394918)				79
C64396 (394919)				38
C64397 (394920)				18
C64398 (394921)				19
C64399 (394922)				203
C64400 (394923)				44
C64401 (394924)				34
C64402 (394925)				102
C64403 (394926)				144
C64404 (394927)				180
C64405 (394928)				23
C64406 (394929)				94
C64407 (394930)				32
C64408 (394931)				174
C64409 (394932)				165
C64410 (394933)				171
C64411 (394934)				40
C64412 (394935)				<5
C64413 (394936)				205
C64414 (394937)				61

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T499186

PROJECT: AGAT00720

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

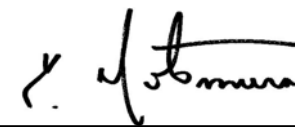
Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
C64415 (394938)	70
C64416 (394939)	99
C64417 (394940)	232
C64418 (394941)	232
C64419 (394942)	208
C64420 (394943)	110
C64421 (394944)	143
C64422 (394945)	66

Comments: RDL - Reported Detection Limit

394874-394945 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T499186

PROJECT: AGAT00720

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C64351 (394874)			0.004
C64352 (394875)			0.002
C64353 (394876)			0.002
C64354 (394877)			0.054
C64355 (394878)			0.004
C64356 (394879)			0.022
C64357 (394880)			0.003
C64358 (394881)			0.009
C64359 (394882)			0.004
C64360 (394883)			0.002
C64361 (394884)			0.004
C64362 (394885)			0.010
C64363 (394886)			0.002
C64364 (394887)			0.003
C64365 (394888)			0.004
C64366 (394889)			0.561
C64367 (394890)			0.004
C64368 (394891)			0.004
C64369 (394892)			0.003
C64370 (394893)			0.002
C64371 (394894)			0.004
C64372 (394895)			0.002
C64373 (394896)			0.005
C64374 (394897)			0.004
C64375 (394898)			0.004
C64376 (394899)			0.004
C64377 (394900)			0.006
C64378 (394901)			0.006
C64379 (394902)			0.003
C64380 (394903)			0.003
C64381 (394904)			0.003
C64382 (394905)			0.005

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T499186

PROJECT: AGAT00720

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C64383 (394906)			0.002
C64384 (394907)			0.003
C64385 (394908)			0.006
C64386 (394909)			0.526
C64387 (394910)			0.003
C64388 (394911)			0.010
C64389 (394912)			0.003
C64390 (394913)			0.005
C64391 (394914)			0.002
C64392 (394915)			0.002
C64393 (394916)			0.004
C64394 (394917)			0.003
C64395 (394918)			0.002
C64396 (394919)			0.003
C64397 (394920)			0.006
C64398 (394921)			0.004
C64399 (394922)			0.003
C64400 (394923)			0.002
C64401 (394924)			0.006
C64402 (394925)			0.003
C64403 (394926)			0.003
C64404 (394927)			0.002
C64405 (394928)			0.003
C64406 (394929)			0.344
C64407 (394930)			0.004
C64408 (394931)			0.005
C64409 (394932)			0.003
C64410 (394933)			0.002
C64411 (394934)			0.002
C64412 (394935)			0.002
C64413 (394936)			0.005
C64414 (394937)			0.008

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T499186

PROJECT: AGAT00720

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

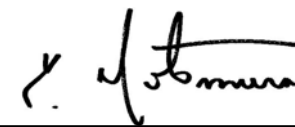
DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C64415 (394938)			0.010
C64416 (394939)			0.006
C64417 (394940)			0.003
C64418 (394941)			0.003
C64419 (394942)			0.003
C64420 (394943)			0.004
C64421 (394944)			0.003
C64422 (394945)			0.004

 Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T499186

PROJECT: AGAT00720

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
C64351 (394874)		67.29
C64353 (394876)		91.83
C64370 (394893)		91.06
C64390 (394913)		87.93
C64410 (394933)		88.36

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Val D'Or (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T499186

PROJECT: AGAT00720

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 29, 2019

DATE RECEIVED: Jul 30, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
C64351 (394874)		86.60
C64390 (394913)		92.52

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Val D'Or (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	394874	< 0.5	< 0.5	0.0%	394888	< 0.5	< 0.5	0.0%	394899	< 0.5	< 0.5	0.0%	394913	< 0.5	< 0.5	0.0%
Al	394874	5.56	5.56	0.0%	394888	8.18	8.26	1.0%	394899	7.92	8.03	1.4%	394913	8.18	7.98	2.5%
As	394874	< 1	< 1	0.0%	394888	< 1	< 1	0.0%	394899	< 1	< 1	0.0%	394913	< 1	< 1	0.0%
Ba	394874	85	86	1.2%	394888	290	293	1.0%	394899	240	244	1.7%	394913	272	266	2.2%
Be	394874	< 0.5	< 0.5	0.0%	394888	0.6	0.6	0.0%	394899	0.5	0.5	0.0%	394913	1.72	1.65	4.2%
Bi	394874	< 1	< 1	0.0%	394888	< 1	< 1	0.0%	394899	< 1	< 1	0.0%	394913	< 1	< 1	0.0%
Ca	394874	0.834	0.872	4.5%	394888	4.94	4.95	0.2%	394899	4.37	4.44	1.6%	394913	3.36	3.30	1.8%
Cd	394874	< 0.5	< 0.5	0.0%	394888	< 0.5	< 0.5	0.0%	394899	< 0.5	< 0.5	0.0%	394913	< 0.5	< 0.5	0.0%
Ce	394874	62	57	8.4%	394888	44	45	2.2%	394899	22	22	0.0%	394913	29	29	0.0%
Co	394874	6.6	6.8	3.0%	394888	9.61	10.0	4.0%	394899	22.6	22.9	1.3%	394913	9.72	10.1	3.8%
Cr	394874	146	135	7.8%	394888	119	133	11.1%	394899	105	90.9	14.4%	394913	61.1	62.6	2.4%
Cu	394874	6.9	6.7	2.9%	394888	49.8	51.4	3.2%	394899	90.6	89.9	0.8%	394913	7.2	7.1	1.4%
Fe	394874	1.19	1.25	4.9%	394888	4.85	4.82	0.6%	394899	4.51	4.46	1.1%	394913	4.09	4.02	1.7%
Ga	394874	11	11	0.0%	394888	22	22	0.0%	394899	21	21	0.0%	394913	22	21	4.7%
In	394874	< 1	< 1	0.0%	394888	< 1	< 1	0.0%	394899	< 1	< 1	0.0%	394913	< 1	< 1	0.0%
K	394874	0.35	0.36	2.8%	394888	0.522	0.531	1.7%	394899	0.59	0.59	0.0%	394913	1.08	1.05	2.8%
La	394874	30	28	6.9%	394888	21	21	0.0%	394899	13	12	8.0%	394913	16	16	0.0%
Li	394874	4	4	0.0%	394888	9	9	0.0%	394899	10	10	0.0%	394913	13	13	0.0%
Mg	394874	0.631	0.671	6.1%	394888	0.86	0.86	0.0%	394899	2.09	2.10	0.5%	394913	0.83	0.81	2.4%
Mn	394874	227	243	6.8%	394888	1330	1320	0.8%	394899	696	687	1.3%	394913	764	749	2.0%
Mo	394874	15.2	15.6	2.6%	394888	1.22	1.04	15.9%	394899	2.5	3.5		394913	1.8	2.5	
Na	394874	0.766	0.761	0.7%	394888	2.10	2.12	0.9%	394899	2.81	2.90	3.2%	394913	3.35	3.33	0.6%
Ni	394874	33.5	32.1	4.3%	394888	23.5	23.1	1.7%	394899	67.3	65.9	2.1%	394913	2.5	2.6	3.9%
P	394874	1390	1360	2.2%	394888	819	812	0.9%	394899	571	559	2.1%	394913	657	649	1.2%
Pb	394874	< 20	< 20	0.0%	394888	< 20	< 20	0.0%	394899	< 20	< 20	0.0%	394913	< 20	< 20	0.0%
Rb	394874	< 50	< 50	0.0%	394888	< 50	< 50	0.0%	394899	< 50	< 50	0.0%	394913	< 50	< 50	0.0%
S	394874	0.02	0.02	0.0%	394888	0.17	0.17	0.0%	394899	0.101	0.108	6.7%	394913	0.01	0.01	0.0%
Sb	394874	< 1	< 1	0.0%	394888	< 1	< 1	0.0%	394899	< 1	< 1	0.0%	394913	< 1	< 1	0.0%
Sc	394874	14	14	0.0%	394888	17	17	0.0%	394899	20	20	0.0%	394913	15	15	0.0%
Se	394874	< 10	< 10	0.0%	394888	< 10	< 10	0.0%	394899	< 10	< 10	0.0%	394913	< 10	< 10	0.0%
Sn	394874	< 5	< 5	0.0%	394888	< 5	< 5	0.0%	394899	< 5	< 5	0.0%	394913	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	394874	105	106	0.9%	394888	325	328	0.9%	394899	184	190	3.2%	394913	262	259	1.2%
Ta	394874	< 10	< 10	0.0%	394888	< 10	< 10	0.0%	394899	< 10	< 10	0.0%	394913	< 10	< 10	0.0%
Te	394874	< 10	< 10	0.0%	394888	< 10	< 10	0.0%	394899	< 10	< 10	0.0%	394913	< 10	< 10	0.0%
Th	394874	< 5	< 5	0.0%	394888	< 5	< 5	0.0%	394899	< 5	< 5	0.0%	394913	< 5	< 5	0.0%
Ti	394874	0.32	0.31	3.2%	394888	0.39	0.39	0.0%	394899	0.37	0.37	0.0%	394913	0.41	0.41	0.0%
Tl	394874	< 5	< 5	0.0%	394888	< 5	< 5	0.0%	394899	< 5	< 5	0.0%	394913	< 5	< 5	0.0%
U	394874	< 50	< 50	0.0%	394888	< 50	< 50	0.0%	394899	< 50	< 50	0.0%	394913	< 50	< 50	0.0%
V	394874	81.6	82.4	1.0%	394888	53.1	53.4	0.6%	394899	129	128	0.8%	394913	43.8	44.0	0.5%
W	394874	< 1	< 1	0.0%	394888	< 1	< 1	0.0%	394899	< 1	< 1	0.0%	394913	< 1	< 1	0.0%
Y	394874	18	18	0.0%	394888	32	32	0.0%	394899	14	14	0.0%	394913	18	18	0.0%
Zn	394874	22.2	18.7	17.1%	394888	144	146	1.4%	394899	73.1	72.2	1.2%	394913	76.2	77.4	1.6%
Zr	394874	45	48	6.5%	394888	52	51	1.9%	394899	77	77	0.0%	394913	114	111	2.7%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	394924	< 0.5	< 0.5	0.0%	394938	< 0.5	< 0.5	0.0%								
Al	394924	7.33	7.22	1.5%	394938	6.52	6.54	0.3%								
As	394924	< 1	< 1	0.0%	394938	< 1	< 1	0.0%								
Ba	394924	112	111	0.9%	394938	312	305	2.3%								
Be	394924	1.2	1.2	0.0%	394938	1.4	1.4	0.0%								
Bi	394924	< 1	< 1	0.0%	394938	< 1	< 1	0.0%								
Ca	394924	6.61	6.32	4.5%	394938	6.71	6.61	1.5%								
Cd	394924	< 0.5	< 0.5	0.0%	394938	< 0.5	< 0.5	0.0%								
Ce	394924	1	1	0.0%	394938	51	51	0.0%								
Co	394924	34.3	36.1	5.1%	394938	44.0	44.6	1.4%								
Cr	394924	192	185	3.7%	394938	124	124	0.0%								
Cu	394924	65.0	62.6	3.8%	394938	162	164	1.2%								
Fe	394924	6.65	6.53	1.8%	394938	8.61	8.47	1.6%								
Ga	394924	20	21	4.9%	394938	23	22	4.4%								
In	394924	< 1	< 1	0.0%	394938	< 1	< 1	0.0%								
K	394924	0.818	0.802	2.0%	394938	0.84	0.84	0.0%								
La	394924	3	3	0.0%	394938	28	28	0.0%								
Li	394924	10	10	0.0%	394938	13	13	0.0%								
Mg	394924	3.92	3.83	2.3%	394938	4.01	4.01	0.0%								
Mn	394924	1210	1180	2.5%	394938	1350	1350	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	394924	< 0.5	< 0.5	0.0%	394938	< 0.5	< 0.5	0.0%								
Na	394924	2.39	2.33	2.5%	394938	2.55	2.51	1.6%								
Ni	394924	93.3	96.0	2.9%	394938	128	132	3.1%								
P	394924	187	186	0.5%	394938	1070	1010	5.8%								
Pb	394924	< 20	< 20	0.0%	394938	< 20	< 20	0.0%								
Rb	394924	< 50	< 50	0.0%	394938	< 50	< 50	0.0%								
S	394924	0.06	0.06	0.0%	394938	0.14	0.14	0.0%								
Sb	394924	< 1	< 1	0.0%	394938	< 1	< 1	0.0%								
Sc	394924	34	34	0.0%	394938	31	31	0.0%								
Se	394924	< 10	< 10	0.0%	394938	< 10	< 10	0.0%								
Sn	394924	< 5	< 5	0.0%	394938	< 5	< 5	0.0%								
Sr	394924	130	126	3.1%	394938	713	695	2.6%								
Ta	394924	< 10	< 10	0.0%	394938	< 10	< 10	0.0%								
Te	394924	< 10	< 10	0.0%	394938	< 10	< 10	0.0%								
Th	394924	< 5	< 5	0.0%	394938	< 5	< 5	0.0%								
Ti	394924	0.41	0.40	2.5%	394938	0.78	0.74	5.3%								
Tl	394924	< 5	< 5	0.0%	394938	< 5	< 5	0.0%								
U	394924	< 50	< 50	0.0%	394938	< 50	< 50	0.0%								
V	394924	203	208	2.4%	394938	220	218	0.9%								
W	394924	< 1	< 1	0.0%	394938	< 1	< 1	0.0%								
Y	394924	18	19	5.4%	394938	22	22	0.0%								
Zn	394924	71.4	71.2	0.3%	394938	102	99.6	2.4%								
Zr	394924	34	32	6.1%	394938	70	55	24.0%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	394874	0.004	0.007		394888	0.004	0.004	0.0%	394899	0.004	0.004	0.0%	394913	0.005	0.003	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	394924	0.006	0.003		394938	0.0097	0.0091	6.4%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.Till-2)				CRM #4 (ref.GTS-2a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.64	97%	90% - 110%					8.17	8.18	100%	90% - 110%	6.96	6.9	99%	90% - 110%
As									26	22	86%	90% - 110%	124	120	97%	90% - 110%
Ba	340	329	97%	90% - 110%					540	526	97%	90% - 110%	186	184	99%	90% - 110%
Be	2.6	2.6	99%	90% - 110%					4.0	3	76%	90% - 110%				
Ca	5.72	5.6	98%	90% - 110%					0.907	0.883	97%	90% - 110%	4.01	3.79	95%	90% - 110%
Ce	122	121	99%	90% - 110%					98	101	103%	90% - 110%	24	22	90%	90% - 110%
Co													22.1	21.6	98%	90% - 110%
Cr									60.3	66.2	110%	90% - 110%				
Cu									150	152	101%	90% - 110%	88.6	86.3	97%	90% - 110%
Fe	4.34	4.21	97%	90% - 110%					3.77	3.77	100%	90% - 110%	7.56	7.38	98%	90% - 110%
Ga	35	34	97%	90% - 110%												
K	1.37	1.39	102%	90% - 110%									2.021	2.053	102%	90% - 110%
La	58	57	98%	90% - 110%					44	46	105%	90% - 110%				
Li	37	38	103%	90% - 110%					47	47	101%	90% - 110%				
Mg	0.325	0.316	97%	90% - 110%					1.10	1.13	103%	90% - 110%	2.412	2.475	103%	90% - 110%
Mn									780	753	97%	90% - 110%	1510	1425	94%	90% - 110%
Mo					14	14	97%	90% - 110%	14	14	97%	90% - 110%				
Na	5.267	5.134	97%	90% - 110%					1.624	1.634	101%	90% - 110%	0.617	0.617	100%	90% - 110%
Ni									32	33	102%	90% - 110%	77.1	74.3	96%	90% - 110%
P									750	757	101%	90% - 110%	892	891	100%	90% - 110%
Pb									31	26	82%	90% - 110%				
S													0.348	0.317	91%	90% - 110%
Sc	1.1	0.9	82%	90% - 110%					12	13	107%	90% - 110%				
Sr	1191	1208	101%	90% - 110%					144	157	109%	90% - 110%	92.8	93	100%	90% - 110%
Ti	0.172	0.169	98%	90% - 110%					0.53	0.49	93%	90% - 110%				
V	8	6	77%	90% - 110%					77	79	103%	90% - 110%				
Y	119	123	104%	90% - 110%												
Zn	93	92	99%	90% - 110%					130	122	94%	90% - 110%	208	195	94%	90% - 110%
CRM #5 (ref.WMG-1a)																
Parameter	Expect	Actual	Recovery	Limits												
Ag	3.03	3.3	109%	90% - 110%												





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Al	4.75	4.82	101%	90% - 110%												
Ba	216	212	98%	90% - 110%												
Ca	10	9	95%	90% - 110%												
Co	191	174	91%	90% - 110%												
Cr	670	479	71%	90% - 110%												
Cu	7120	7168	101%	90% - 110%												
Fe	12.71	12.4	98%	90% - 110%												
K	0.1021	0.1117	109%	90% - 110%												
La	8.47	10.24	121%	90% - 110%												
Mg	7.41	7.52	102%	90% - 110%												
Na	0.112	0.122	109%	90% - 110%												
Ni	2480	2250	91%	90% - 110%												
P	731	667	91%	90% - 110%												
Sc	21.33	22.8	107%	90% - 110%												
Sr	39	40	102%	90% - 110%												
Ti	0.419	0.417	99%	90% - 110%												
V	158	157	99%	90% - 110%												
Y	12.67	13.86	109%	90% - 110%												
Zn	112	106	94%	90% - 110%												
Zr	35.7	36.8	103%	90% - 110%												

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP5G)				CRM #4 (ref.GSP7M)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.27	4.91	93%	90% - 110%	6.87	6.77	99%	90% - 110%	0.562	0.552	98%	90% - 110%	0.725	0.703	97%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00720  
 SAMPLING SITE:

AGAT WORK ORDER: 19T499186  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00721

AGAT WORK ORDER: 19T499860

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Aug 20, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T499860

PROJECT: AGAT00721

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 30, 2019

DATE RECEIVED: Jul 31, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D63971 (398409)		1.12
D63972 (398410)		0.54
D63973 (398411)		2.19
D63974 (398412)		2.12
D63975 (398413)		2.13
D63976 (398414)		2.41
D63977 (398415)		2.19
D63978 (398416)		-
D63979 (398417)		2.27
D63980 (398418)		3.66
D63981 (398419)		2.18
D63982 (398420)		1.96
D63983 (398421)		2.33
D63984 (398422)		2.18
D63985 (398423)		2.23
D63986 (398424)		0.06
D63987 (398425)		2.46
D63988 (398426)		2.48
D63989 (398427)		1.89
D63990 (398428)		2.52
D63991 (398429)		2.31
D63992 (398430)		0.58
D63993 (398431)		2.29
D63994 (398432)		2.48
D63995 (398433)		0.75
D63996 (398434)		3.13
D63997 (398435)		2.71
D63998 (398436)		-
D63999 (398437)		2.30
D64000 (398438)		2.38
D64605 (398439)		2.15

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T499860

PROJECT: AGAT00721

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 30, 2019

DATE RECEIVED: Jul 31, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D64606 (398440)		0.06
D64607 (398441)		2.38
D64608 (398442)		2.54
D64609 (398443)		1.96
D64610 (398444)		2.03
D64611 (398445)		3.07
D64612 (398446)		0.65
D64613 (398447)		1.60
D64614 (398448)		2.36
D64615 (398449)		3.13
D64616 (398450)		3.29
D64617 (398451)		2.30
D64618 (398452)		-
D64619 (398453)		2.42
D64620 (398454)		3.28
D64621 (398455)		1.33
D64622 (398456)		2.61
D64623 (398457)		2.88
D64624 (398458)		2.94
D64625 (398459)		2.65
D64626 (398460)		0.06
D64627 (398461)		3.11
D64628 (398462)		2.14
D64629 (398463)		2.31
D64630 (398464)		2.43
D64631 (398465)		3.24
D64632 (398466)		0.60
D64633 (398467)		0.97
D64634 (398468)		3.19
D64635 (398469)		2.24
D64636 (398470)		2.25

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T499860

PROJECT: AGAT00721

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Jul 30, 2019

DATE RECEIVED: Jul 31, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D64637 (398471)		2.34
D64638 (398472)		-
D64639 (398473)		3.04
D64640 (398474)		0.81
D64641 (398475)		3.25
D64642 (398476)		2.16
D64643 (398477)		2.03
D64644 (398478)		2.37
D64645 (398479)		2.15
D64646 (398480)		0.06

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Val D'Or (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T499860

PROJECT: AGAT00721

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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 30, 2019

DATE RECEIVED: Jul 31, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D63971 (398409)		<0.5	8.36	<1	180	0.9	<1	4.34	<0.5	17	24.0	184	<0.5	4.91	20
D63972 (398410)		<0.5	0.09	<1	11	<0.5	<1	28.8	<0.5	2	0.8	33.1	<0.5	0.16	6
D63973 (398411)		<0.5	8.02	<1	93	<0.5	<1	4.10	<0.5	27	25.6	198	3.9	5.24	19
D63974 (398412)		0.6	7.65	<1	126	<0.5	<1	2.68	<0.5	49	13.3	134	46.0	3.98	19
D63975 (398413)		<0.5	8.70	<1	245	<0.5	<1	3.64	<0.5	26	25.8	119	145	5.43	20
D63976 (398414)		<0.5	8.83	<1	232	0.9	<1	3.76	<0.5	32	19.0	99.1	42.4	4.63	21
D63977 (398415)		<0.5	8.63	<1	175	<0.5	<1	4.69	<0.5	31	21.1	83.1	44.4	5.01	20
D63978 (398416)		<0.5	8.69	<1	175	<0.5	<1	4.67	<0.5	30	22.0	94.7	42.6	5.05	20
D63979 (398417)		<0.5	8.78	<1	162	<0.5	<1	4.87	<0.5	33	21.9	76.2	26.6	4.94	20
D63980 (398418)		<0.5	9.00	<1	355	0.6	<1	5.82	<0.5	48	21.7	68.4	4.9	5.36	20
D63981 (398419)		<0.5	8.66	<1	330	0.6	<1	4.01	<0.5	31	22.5	82.6	70.8	5.47	21
D63982 (398420)		<0.5	8.70	<1	225	0.7	<1	4.41	<0.5	26	27.0	101	107	5.62	21
D63983 (398421)		<0.5	8.55	<1	200	<0.5	<1	4.91	<0.5	24	28.4	159	59.0	5.94	20
D63984 (398422)		<0.5	8.26	<1	237	4.7	<1	3.46	<0.5	23	22.5	106	67.1	4.48	20
D63985 (398423)		<0.5	7.91	<1	166	1.8	<1	3.39	<0.5	31	18.3	106	55.2	4.44	20
D63986 (398424)		<0.5	7.49	<1	196	<0.5	<1	6.13	<0.5	18	39.8	199	103	7.38	20
D63987 (398425)		<0.5	8.03	<1	280	0.9	<1	3.70	<0.5	34	21.1	132	32.6	5.02	21
D63988 (398426)		<0.5	8.14	<1	243	1.1	<1	3.37	<0.5	57	8.5	89.7	94.3	5.08	20
D63989 (398427)		<0.5	8.69	<1	220	0.5	<1	4.64	<0.5	25	22.8	165	<0.5	6.28	22
D63990 (398428)		<0.5	7.92	<1	137	<0.5	<1	4.64	<0.5	22	21.8	180	2.6	5.53	20
D63991 (398429)		<0.5	8.44	<1	159	0.6	<1	5.19	<0.5	23	22.7	161	4.4	5.62	21
D63992 (398430)		<0.5	0.10	1	13	<0.5	<1	33.1	<0.5	2	0.7	22.2	<0.5	0.12	5
D63993 (398431)		<0.5	8.18	<1	165	<0.5	<1	4.10	<0.5	20	22.5	160	<0.5	4.99	20
D63994 (398432)		<0.5	7.81	<1	199	0.8	<1	4.17	<0.5	20	19.8	166	<0.5	4.46	19
D63995 (398433)		<0.5	7.89	<1	261	1.1	<1	3.08	<0.5	30	10.1	123	<0.5	2.51	17
D63996 (398434)		<0.5	8.26	<1	233	0.6	<1	4.38	<0.5	22	23.7	174	<0.5	5.36	20
D63997 (398435)		<0.5	7.96	<1	486	<0.5	<1	4.27	<0.5	23	23.0	166	<0.5	5.19	20
D63998 (398436)		<0.5	7.90	<1	467	<0.5	<1	4.25	<0.5	23	23.0	169	<0.5	5.17	20
D63999 (398437)		<0.5	8.32	<1	245	0.5	<1	4.82	<0.5	23	23.3	160	<0.5	5.89	21
D64000 (398438)		<0.5	8.00	<1	146	<0.5	<1	4.69	<0.5	24	25.3	161	<0.5	5.71	22
D64605 (398439)		<0.5	8.32	<1	226	<0.5	<1	4.54	<0.5	23	23.1	147	<0.5	5.26	21
D64606 (398440)		<0.5	7.53	<1	153	<0.5	<1	6.79	<0.5	6	41.2	171	156	7.95	21

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T499860

PROJECT: AGAT00721

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 30, 2019

DATE RECEIVED: Jul 31, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D64607 (398441)		<0.5	8.58	<1	407	0.5	<1	4.32	<0.5	23	27.0	160	<0.5	5.16	20
D64608 (398442)		<0.5	8.22	<1	381	<0.5	<1	4.85	<0.5	30	28.6	216	3.8	5.75	20
D64609 (398443)		0.9	7.55	<1	1060	1.1	<1	1.74	<0.5	16	2.1	72.6	1.1	0.89	15
D64610 (398444)		<0.5	7.30	1	3640	0.6	<1	0.84	<0.5	4	1.3	75.6	1.1	0.26	11
D64611 (398445)		<0.5	6.66	2	1040	0.8	<1	1.58	<0.5	17	2.6	128	1.1	0.88	14
D64612 (398446)		<0.5	0.09	2	21	<0.5	<1	33.2	<0.5	2	1.0	16.6	<0.5	0.10	5
D64613 (398447)		<0.5	5.06	<1	297	1.4	<1	2.50	<0.5	42	6.1	158	22.9	1.36	14
D64614 (398448)		<0.5	3.07	<1	1290	1.2	<1	10.1	<0.5	183	52.6	531	131	9.16	19
D64615 (398449)		<0.5	7.35	<1	685	1.2	<1	2.59	<0.5	64	15.3	144	<0.5	3.35	19
D64616 (398450)		<0.5	7.94	<1	294	0.8	<1	4.67	<0.5	24	24.1	160	<0.5	4.71	20
D64617 (398451)		<0.5	8.43	<1	337	<0.5	<1	4.45	<0.5	23	21.9	162	<0.5	4.63	19
D64618 (398452)		<0.5	8.24	<1	330	<0.5	<1	4.35	<0.5	25	23.4	154	<0.5	4.51	19
D64619 (398453)		<0.5	8.27	<1	302	0.8	<1	4.87	<0.5	25	23.1	156	<0.5	5.00	21
D64620 (398454)		<0.5	8.48	<1	306	<0.5	<1	4.82	<0.5	26	21.6	144	<0.5	4.91	19
D64621 (398455)		<0.5	8.04	<1	324	1.8	<1	3.64	<0.5	20	13.3	129	<0.5	3.70	21
D64622 (398456)		<0.5	8.30	<1	298	0.8	<1	3.88	<0.5	27	22.6	147	<0.5	5.06	21
D64623 (398457)		<0.5	8.63	<1	301	1.2	<1	4.34	<0.5	26	20.1	153	<0.5	4.88	21
D64624 (398458)		<0.5	7.36	2	2100	0.8	<1	1.59	<0.5	12	3.1	59.2	0.7	0.84	17
D64625 (398459)		<0.5	8.21	<1	198	1.1	<1	4.72	<0.5	27	20.1	145	<0.5	4.80	20
D64626 (398460)		<0.5	7.61	<1	156	<0.5	<1	6.96	<0.5	6	40.7	177	159	8.19	19
D64627 (398461)		1.0	7.63	<1	640	1.4	<1	2.08	<0.5	13	5.9	93.4	0.6	1.75	20
D64628 (398462)		<0.5	7.84	<1	229	0.6	<1	4.56	<0.5	26	17.5	136	<0.5	4.11	19
D64629 (398463)		<0.5	8.63	<1	189	<0.5	<1	4.62	<0.5	26	20.0	148	<0.5	4.66	19
D64630 (398464)		<0.5	8.43	<1	122	<0.5	<1	5.29	<0.5	29	23.0	208	1.3	4.98	21
D64631 (398465)		<0.5	7.96	<1	130	<0.5	<1	4.66	<0.5	30	21.7	167	6.0	4.48	20
D64632 (398466)		<0.5	0.09	2	18	<0.5	<1	32.6	<0.5	2	0.5	12.4	<0.5	0.11	6
D64633 (398467)		<0.5	3.90	<1	1000	0.7	<1	7.93	<0.5	135	58.5	659	84.8	8.74	18
D64634 (398468)		<0.5	8.29	<1	102	<0.5	<1	4.82	<0.5	28	21.8	120	4.2	4.69	20
D64635 (398469)		<0.5	8.26	<1	163	0.7	<1	4.99	<0.5	26	23.0	195	2.3	4.91	21
D64636 (398470)		<0.5	8.51	<1	167	<0.5	<1	4.96	<0.5	26	24.0	140	2.0	5.13	22
D64637 (398471)		<0.5	8.63	<1	177	<0.5	<1	5.88	<0.5	28	23.4	155	1.8	5.19	21
D64638 (398472)		<0.5	8.55	<1	181	<0.5	<1	5.91	<0.5	26	22.5	152	1.7	5.10	20

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T499860

PROJECT: AGAT00721

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 30, 2019

DATE RECEIVED: Jul 31, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D64639 (398473)		<0.5	8.60	<1	164	<0.5	<1	4.75	<0.5	25	21.5	142	<0.5	4.93	21
D64640 (398474)		<0.5	4.02	2	359	6.0	<1	7.66	<0.5	206	41.2	274	57.4	6.22	17
D64641 (398475)		<0.5	8.58	<1	241	0.6	<1	4.20	<0.5	25	20.6	127	8.6	5.30	21
D64642 (398476)		<0.5	7.96	8	351	0.9	<1	3.98	<0.5	25	21.3	96.8	32.3	5.20	21
D64643 (398477)		<0.5	8.87	<1	342	0.7	<1	4.18	<0.5	28	21.9	124	37.9	5.55	23
D64644 (398478)		<0.5	8.29	<1	220	0.5	<1	4.36	<0.5	28	20.2	141	5.8	5.00	22
D64645 (398479)		<0.5	8.61	<1	230	0.7	<1	4.42	<0.5	25	17.5	120	3.1	4.84	21
D64646 (398480)		<0.5	7.61	<1	195	<0.5	<1	6.19	<0.5	18	40.5	186	103	7.45	21

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T499860

PROJECT: AGAT00721

5623 McADAM ROAD  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 30, 2019

DATE RECEIVED: Jul 31, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D63971 (398409)		<1	1.06	9	26	2.56	812	1.4	3.15	79.8	426	<20	<50	0.01	<1
D63972 (398410)		2	0.01	<2	1	3.40	84	<0.5	0.05	1.5	90	<20	<50	0.02	<1
D63973 (398411)		<1	1.01	13	26	2.67	1110	0.9	3.20	80.7	480	<20	<50	0.02	<1
D63974 (398412)		<1	0.46	22	21	1.36	709	2.7	3.50	35.4	499	<20	<50	0.13	<1
D63975 (398413)		<1	1.06	12	31	1.99	895	1.4	3.65	67.5	544	<20	<50	0.54	<1
D63976 (398414)		<1	1.09	15	34	1.84	853	1.2	3.44	44.7	558	<20	<50	0.23	<1
D63977 (398415)		<1	0.81	14	24	1.99	762	2.1	3.16	42.9	682	<20	<50	0.21	<1
D63978 (398416)		<1	0.81	14	24	2.01	761	2.0	3.13	43.8	699	<20	<50	0.20	<1
D63979 (398417)		<1	0.87	15	19	2.01	732	1.6	3.11	43.6	718	<20	<50	0.13	<1
D63980 (398418)		<1	1.33	23	29	1.99	1340	1.3	2.86	42.9	1040	<20	<50	0.06	<1
D63981 (398419)		<1	1.20	15	26	2.07	963	0.9	3.06	47.3	710	<20	<50	0.78	<1
D63982 (398420)		<1	0.84	13	19	2.09	802	3.0	3.40	60.4	795	<20	<50	1.03	<1
D63983 (398421)		<1	0.74	12	21	2.81	959	1.7	3.17	89.6	577	<20	<50	0.23	<1
D63984 (398422)		<1	3.51	11	72	1.90	573	1.6	2.89	55.3	445	<20	<50	0.23	<1
D63985 (398423)		<1	2.09	14	23	1.54	616	1.8	2.96	35.4	575	<20	<50	0.15	<1
D63986 (398424)		<1	0.42	11	10	4.02	1280	1.3	2.32	98.6	875	<20	<50	0.09	<1
D63987 (398425)		<1	1.37	16	32	1.99	750	1.7	2.97	48.3	689	<20	<50	0.08	<1
D63988 (398426)		<1	0.87	24	17	0.63	692	1.5	3.24	7.8	960	<20	<50	0.16	<1
D63989 (398427)		<1	1.12	12	36	2.92	1180	1.2	3.09	85.9	508	<20	<50	0.01	<1
D63990 (398428)		<1	0.69	11	30	2.82	1250	2.3	2.95	86.3	513	<20	<50	0.02	<1
D63991 (398429)		<1	0.46	11	24	2.82	1260	3.3	3.13	85.3	514	<20	<50	0.02	<1
D63992 (398430)		1	0.02	<2	<1	1.82	64	<0.5	0.05	0.6	87	<20	<50	0.03	<1
D63993 (398431)		<1	0.94	10	37	2.58	994	1.3	3.12	82.2	563	<20	<50	<0.01	<1
D63994 (398432)		<1	1.09	10	31	2.49	894	1.4	2.75	76.2	475	<20	<50	0.01	<1
D63995 (398433)		<1	1.07	14	25	1.36	514	1.9	2.98	44.1	1010	<20	<50	<0.01	<1
D63996 (398434)		<1	1.18	11	30	2.96	975	2.1	2.94	93.8	548	<20	<50	<0.01	<1
D63997 (398435)		<1	0.90	11	28	2.77	957	1.0	2.90	85.3	525	<20	<50	0.02	<1
D63998 (398436)		<1	0.89	11	28	2.75	946	1.2	2.92	88.3	536	<20	<50	0.02	<1
D63999 (398437)		<1	0.59	11	25	2.89	1120	1.1	3.02	91.3	518	<20	<50	<0.01	<1
D64000 (398438)		<1	0.49	12	24	2.92	1270	1.2	3.09	94.8	527	<20	<50	0.01	<1
D64605 (398439)		<1	0.78	11	26	2.80	1150	0.7	3.12	84.7	542	<20	<50	<0.01	<1
D64606 (398440)		<1	0.20	5	13	4.20	1390	1.2	2.35	81.0	410	<20	<50	0.16	<1

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T499860

PROJECT: AGAT00721

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 30, 2019

DATE RECEIVED: Jul 31, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D64607 (398441)		<1	1.00	11	34	2.96	1030	1.1	3.24	90.7	519	<20	<50	<0.01	<1
D64608 (398442)		<1	1.05	15	29	3.49	1090	1.0	2.95	88.3	689	<20	<50	0.01	<1
D64609 (398443)		<1	1.74	10	13	0.24	77	1.0	3.25	6.6	13	<20	<50	<0.01	<1
D64610 (398444)		<1	4.95	3	5	0.04	26	1.1	2.20	0.7	24	<20	<50	<0.01	1
D64611 (398445)		<1	1.63	11	10	0.23	85	1.7	2.83	8.7	28	<20	<50	0.01	<1
D64612 (398446)		2	0.03	<2	1	2.17	52	<0.5	0.05	0.6	73	<20	<50	0.02	<1
D64613 (398447)		<1	0.55	23	17	0.77	211	2.0	2.83	25.8	482	<20	<50	0.04	<1
D64614 (398448)		<1	2.39	84	19	8.07	1560	1.4	1.04	264	1820	<20	<50	0.19	<1
D64615 (398449)		<1	1.64	43	45	1.49	442	2.2	3.30	53.3	331	<20	<50	0.01	<1
D64616 (398450)		<1	0.98	12	23	2.62	930	1.3	2.96	83.4	545	<20	<50	<0.01	<1
D64617 (398451)		<1	1.14	12	28	2.60	883	1.1	3.01	78.5	526	<20	<50	<0.01	<1
D64618 (398452)		<1	1.11	13	27	2.55	868	1.1	2.95	80.8	536	<20	<50	<0.01	<1
D64619 (398453)		<1	1.13	12	31	2.74	1010	1.2	2.95	85.3	562	<20	<50	<0.01	<1
D64620 (398454)		<1	0.99	13	27	2.55	984	4.0	3.00	72.5	549	<20	<50	<0.01	<1
D64621 (398455)		<1	1.20	11	37	1.56	673	2.5	3.13	44.2	322	<20	<50	0.01	<1
D64622 (398456)		<1	1.61	14	38	2.52	999	2.1	2.77	79.0	556	<20	<50	<0.01	<1
D64623 (398457)		<1	1.37	13	31	2.52	1030	2.3	2.97	76.7	547	<20	<50	<0.01	<1
D64624 (398458)		<1	2.87	7	9	0.33	171	2.8	2.77	10.7	90	<20	<50	<0.01	<1
D64625 (398459)		<1	1.03	13	38	2.59	1200	1.0	2.92	78.9	608	<20	<50	<0.01	<1
D64626 (398460)		<1	0.20	5	13	4.29	1400	1.2	2.41	81.8	393	<20	<50	0.16	<1
D64627 (398461)		<1	1.45	8	18	0.71	279	1.5	3.45	24.9	128	<20	<50	0.01	<1
D64628 (398462)		<1	0.87	13	23	2.29	967	1.2	2.82	68.5	659	<20	<50	<0.01	<1
D64629 (398463)		<1	0.68	12	34	2.68	1060	1.2	3.25	76.3	553	<20	<50	<0.01	<1
D64630 (398464)		<1	0.66	14	35	2.72	1070	10.1	2.92	81.9	701	<20	<50	<0.01	<1
D64631 (398465)		<1	0.52	14	27	2.40	881	1.3	3.02	74.6	656	<20	<50	0.01	<1
D64632 (398466)		2	0.02	<2	1	3.03	68	<0.5	0.04	1.1	98	<20	<50	0.03	<1
D64633 (398467)		<1	1.80	64	41	9.16	1400	2.5	1.23	397	2680	<20	<50	0.15	<1
D64634 (398468)		<1	0.44	14	34	2.35	873	3.9	3.13	67.3	687	<20	<50	0.01	<1
D64635 (398469)		<1	0.80	13	36	2.33	918	10.5	2.94	67.6	581	<20	<50	0.01	<1
D64636 (398470)		<1	0.77	13	27	2.26	971	2.1	2.86	66.2	630	<20	<50	0.01	<1
D64637 (398471)		<1	0.78	13	31	2.26	934	3.1	2.90	61.1	511	<20	<50	0.02	<1
D64638 (398472)		<1	0.77	13	31	2.22	927	2.7	2.94	59.5	509	<20	<50	0.01	<1

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T499860

PROJECT: AGAT00721

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 30, 2019	DATE RECEIVED: Jul 31, 2019					DATE REPORTED: Aug 20, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D64639 (398473)	<1	0.77	12	33	2.08	790	0.8	3.20	54.8	553	<20	<50	0.01	<1	
D64640 (398474)	<1	1.92	115	142	5.94	1160	3.5	2.97	226	1640	<20	<50	0.10	<1	
D64641 (398475)	<1	1.40	13	34	1.86	840	1.3	3.38	46.8	646	<20	<50	0.02	<1	
D64642 (398476)	<1	2.37	13	32	1.79	941	4.8	3.63	47.1	454	<20	<50	0.56	<1	
D64643 (398477)	<1	1.24	14	40	1.81	934	1.7	3.22	43.9	640	<20	<50	0.04	<1	
D64644 (398478)	<1	1.19	14	29	1.65	918	7.7	2.91	42.0	689	<20	<50	0.02	<1	
D64645 (398479)	<1	1.73	13	30	1.58	798	1.2	3.13	38.9	672	<20	<50	0.02	<1	
D64646 (398480)	<1	0.43	11	10	4.13	1310	1.2	2.28	98.8	865	<20	<50	0.09	<1	

Certified By:



## Certificate of Analysis

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PROJECT: AGAT00721

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 30, 2019

DATE RECEIVED: Jul 31, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D63971 (398409)	17	<10	<5	209	<10	<10	<5	0.42	<5	<50	128	<1	14	49.9
D63972 (398410)	<1	<10	<5	65	<10	<10	<5	<0.01	<5	<50	3.0	1	2	4.2
D63973 (398411)	21	<10	<5	221	<10	<10	<5	0.49	<5	<50	137	<1	19	74.4
D63974 (398412)	14	<10	<5	175	<10	<10	<5	0.37	<5	<50	71.0	<1	27	53.0
D63975 (398413)	20	<10	<5	218	<10	<10	<5	0.48	<5	<50	128	<1	18	69.0
D63976 (398414)	19	<10	<5	163	<10	<10	<5	0.45	<5	<50	123	<1	21	40.1
D63977 (398415)	20	<10	<5	137	<10	<10	<5	0.50	<5	<50	141	<1	20	39.3
D63978 (398416)	20	<10	<5	152	<10	<10	<5	0.50	<5	<50	139	<1	19	37.8
D63979 (398417)	21	<10	<5	167	<10	<10	<5	0.51	<5	<50	142	<1	21	41.4
D63980 (398418)	21	<10	<5	134	<10	<10	<5	0.48	<5	<50	139	<1	25	69.7
D63981 (398419)	21	<10	<5	161	<10	<10	<5	0.50	<5	<50	143	<1	20	101
D63982 (398420)	21	<10	<5	192	<10	<10	<5	0.50	<5	<50	144	<1	18	50.1
D63983 (398421)	24	<10	<5	208	<10	<10	<5	0.54	<5	<50	162	<1	19	58.2
D63984 (398422)	46	<10	<5	206	<10	<10	<5	0.36	<5	<50	225	<1	15	33.2
D63985 (398423)	21	<10	<5	216	<10	<10	<5	0.40	<5	<50	121	<1	19	43.8
D63986 (398424)	34	<10	<5	245	<10	<10	<5	0.88	<5	<50	233	<1	22	78.8
D63987 (398425)	20	<10	<5	186	<10	<10	<5	0.48	<5	<50	118	<1	23	59.5
D63988 (398426)	16	<10	<5	188	<10	<10	<5	0.38	<5	<50	39.7	<1	33	39.2
D63989 (398427)	20	<10	<5	228	<10	<10	<5	0.53	<5	<50	137	<1	17	73.9
D63990 (398428)	19	<10	<5	290	<10	<10	<5	0.45	<5	<50	133	<1	15	65.7
D63991 (398429)	19	<10	<5	305	<10	<10	<5	0.45	<5	<50	134	<1	15	62.1
D63992 (398430)	<1	<10	<5	76	<10	<10	<5	<0.01	<5	<50	2.9	<1	2	2.6
D63993 (398431)	17	<10	<5	232	<10	<10	<5	0.43	<5	<50	121	<1	14	60.8
D63994 (398432)	17	<10	<5	212	<10	<10	<5	0.41	<5	<50	117	<1	15	56.0
D63995 (398433)	15	<10	<5	204	<10	<10	<5	0.54	<5	<50	115	<1	17	29.2
D63996 (398434)	20	<10	<5	194	<10	<10	<5	0.46	<5	<50	128	<1	16	60.3
D63997 (398435)	18	<10	<5	187	<10	<10	<5	0.43	<5	<50	119	<1	16	55.5
D63998 (398436)	18	<10	<5	189	<10	<10	<5	0.43	<5	<50	122	<1	16	54.9
D63999 (398437)	19	<10	<5	236	<10	<10	<5	0.46	<5	<50	128	<1	15	60.6
D64000 (398438)	19	<10	<5	287	<10	<10	<5	0.45	<5	<50	135	<1	17	59.3
D64605 (398439)	18	<10	<5	245	<10	<10	<5	0.46	<5	<50	127	<1	15	61.9
D64606 (398440)	45	<10	<5	118	<10	<10	<5	0.72	<5	<50	300	<1	22	81.8

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T499860

PROJECT: AGAT00721

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 30, 2019

DATE RECEIVED: Jul 31, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D64607 (398441)	19	<10	<5	218	<10	<10	<5	0.44	<5	<50	126	<1	15	71.1
D64608 (398442)	21	<10	<5	206	<10	<10	<5	0.49	<5	<50	137	<1	15	88.4
D64609 (398443)	1	<10	<5	326	<10	<10	<5	0.09	<5	<50	8.2	<1	1	27.5
D64610 (398444)	<1	<10	<5	351	<10	<10	<5	0.02	<5	<50	2.7	<1	<1	59.2
D64611 (398445)	1	<10	<5	296	<10	<10	<5	0.09	<5	<50	8.0	<1	1	24.3
D64612 (398446)	<1	<10	<5	74	<10	<10	<5	<0.01	<5	<50	2.1	<1	2	2.5
D64613 (398447)	3	<10	<5	363	<10	<10	<5	0.28	<5	<50	37.7	<1	6	26.2
D64614 (398448)	26	<10	<5	1180	<10	<10	<5	1.80	<5	<50	284	<1	27	84.5
D64615 (398449)	7	<10	<5	393	<10	<10	<5	0.36	<5	<50	67.6	<1	7	90.1
D64616 (398450)	19	<10	<5	198	<10	<10	<5	0.45	<5	<50	126	<1	16	50.8
D64617 (398451)	16	<10	<5	193	<10	<10	<5	0.45	<5	<50	115	<1	14	49.6
D64618 (398452)	17	<10	<5	188	<10	<10	<5	0.45	<5	<50	118	<1	15	47.2
D64619 (398453)	19	<10	<5	188	<10	<10	<5	0.48	<5	<50	128	<1	16	50.5
D64620 (398454)	18	<10	<5	183	<10	<10	<5	0.48	<5	<50	128	<1	17	49.5
D64621 (398455)	12	<10	<5	205	<10	<10	<5	0.34	<5	<50	78.8	<1	10	63.7
D64622 (398456)	18	<10	<5	179	<10	<10	<5	0.47	<5	<50	122	<1	15	68.3
D64623 (398457)	17	<10	<5	189	<10	<10	<5	0.45	<5	<50	113	<1	16	72.9
D64624 (398458)	3	<10	<5	246	<10	<10	<5	0.07	<5	<50	15.3	<1	3	24.6
D64625 (398459)	19	<10	<5	189	<10	<10	<5	0.47	<5	<50	126	<1	17	54.3
D64626 (398460)	46	<10	<5	120	<10	<10	<5	0.73	<5	<50	305	<1	23	77.3
D64627 (398461)	6	<10	<5	241	<10	<10	<5	0.17	<5	<50	42.5	<1	3	38.2
D64628 (398462)	17	<10	<5	189	<10	<10	<5	0.47	<5	<50	121	<1	16	62.0
D64629 (398463)	19	<10	<5	213	<10	<10	<5	0.49	<5	<50	133	<1	17	55.5
D64630 (398464)	19	<10	<5	192	<10	<10	<5	0.52	<5	<50	139	<1	18	62.2
D64631 (398465)	18	<10	<5	275	<10	<10	<5	0.51	<5	<50	134	<1	16	59.0
D64632 (398466)	<1	<10	<5	72	<10	<10	<5	<0.01	<5	<50	2.3	<1	2	3.8
D64633 (398467)	22	<10	<5	895	<10	<10	<5	1.93	<5	<50	237	<1	24	90.0
D64634 (398468)	18	<10	<5	242	<10	<10	<5	0.51	<5	<50	138	<1	17	59.8
D64635 (398469)	19	<10	<5	237	<10	<10	<5	0.51	<5	<50	145	<1	17	86.6
D64636 (398470)	20	<10	<5	240	<10	<10	<5	0.52	<5	<50	152	<1	18	67.1
D64637 (398471)	20	<10	<5	230	<10	<10	<5	0.54	<5	<50	172	<1	19	56.8
D64638 (398472)	19	<10	<5	233	<10	<10	<5	0.55	<5	<50	165	<1	18	58.9

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## Certificate of Analysis

AGAT WORK ORDER: 19T499860

PROJECT: AGAT00721

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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 30, 2019

DATE RECEIVED: Jul 31, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
D64639 (398473)	18	<10	<5	219	<10	<10	<5	0.50	<5	<50	134	<1	16	51.2
D64640 (398474)	31	<10	<5	878	<10	<10	<5	0.61	<5	<50	216	<1	20	72.2
D64641 (398475)	18	<10	<5	215	<10	<10	<5	0.54	<5	<50	148	<1	16	53.7
D64642 (398476)	15	<10	<5	210	<10	<10	<5	0.45	<5	<50	126	<1	14	37.7
D64643 (398477)	18	<10	<5	203	<10	<10	<5	0.59	<5	<50	158	<1	18	59.0
D64644 (398478)	18	<10	<5	191	<10	<10	<5	0.56	<5	<50	162	<1	18	55.8
D64645 (398479)	17	<10	<5	228	<10	<10	<5	0.56	<5	<50	143	<1	16	53.0
D64646 (398480)	34	<10	<5	246	<10	<10	<5	0.87	<5	<50	235	<1	23	83.8

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## Certificate of Analysis

AGAT WORK ORDER: 19T499860

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 30, 2019

DATE RECEIVED: Jul 31, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D63971 (398409)			75
D63972 (398410)			<5
D63973 (398411)			117
D63974 (398412)			188
D63975 (398413)			121
D63976 (398414)			125
D63977 (398415)			100
D63978 (398416)			99
D63979 (398417)			101
D63980 (398418)			65
D63981 (398419)			63
D63982 (398420)			94
D63983 (398421)			87
D63984 (398422)			90
D63985 (398423)			128
D63986 (398424)			89
D63987 (398425)			128
D63988 (398426)			89
D63989 (398427)			80
D63990 (398428)			58
D63991 (398429)			61
D63992 (398430)			<5
D63993 (398431)			57
D63994 (398432)			102
D63995 (398433)			146
D63996 (398434)			77
D63997 (398435)			98
D63998 (398436)			99
D63999 (398437)			78
D64000 (398438)			76
D64605 (398439)			72
D64606 (398440)			53

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T499860

PROJECT: AGAT00721

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 30, 2019

DATE RECEIVED: Jul 31, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Zr
	Unit:	ppm
	RDL:	5
D64607 (398441)		68
D64608 (398442)		72
D64609 (398443)		185
D64610 (398444)		10
D64611 (398445)		51
D64612 (398446)		<5
D64613 (398447)		125
D64614 (398448)		34
D64615 (398449)		149
D64616 (398450)		87
D64617 (398451)		80
D64618 (398452)		75
D64619 (398453)		66
D64620 (398454)		72
D64621 (398455)		69
D64622 (398456)		92
D64623 (398457)		99
D64624 (398458)		64
D64625 (398459)		92
D64626 (398460)		52
D64627 (398461)		206
D64628 (398462)		64
D64629 (398463)		87
D64630 (398464)		72
D64631 (398465)		85
D64632 (398466)		<5
D64633 (398467)		230
D64634 (398468)		82
D64635 (398469)		94
D64636 (398470)		87
D64637 (398471)		70
D64638 (398472)		60

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## Certificate of Analysis

AGAT WORK ORDER: 19T499860

PROJECT: AGAT00721

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 30, 2019

DATE RECEIVED: Jul 31, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D64639 (398473)	102
D64640 (398474)	154
D64641 (398475)	96
D64642 (398476)	79
D64643 (398477)	94
D64644 (398478)	87
D64645 (398479)	53
D64646 (398480)	90

Comments: RDL - Reported Detection Limit

398409-398480 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

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## Certificate of Analysis

AGAT WORK ORDER: 19T499860

PROJECT: AGAT00721

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 30, 2019      DATE RECEIVED: Jul 31, 2019      DATE REPORTED: Aug 20, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au	ppm	0.001	
D63971 (398409)				0.005
D63972 (398410)				0.002
D63973 (398411)				0.004
D63974 (398412)				0.003
D63975 (398413)				0.004
D63976 (398414)				0.002
D63977 (398415)				0.002
D63978 (398416)				0.002
D63979 (398417)				0.002
D63980 (398418)				0.005
D63981 (398419)				0.004
D63982 (398420)				0.004
D63983 (398421)				0.002
D63984 (398422)				0.003
D63985 (398423)				0.002
D63986 (398424)				0.343
D63987 (398425)				0.002
D63988 (398426)				0.017
D63989 (398427)				0.003
D63990 (398428)				0.002
D63991 (398429)				0.002
D63992 (398430)				0.002
D63993 (398431)				0.002
D63994 (398432)				0.002
D63995 (398433)				0.003
D63996 (398434)				0.002
D63997 (398435)				0.002
D63998 (398436)				0.002
D63999 (398437)				0.002
D64000 (398438)				0.008
D64605 (398439)				0.003
D64606 (398440)				0.544

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T499860

PROJECT: AGAT00721

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 30, 2019

DATE RECEIVED: Jul 31, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D64607 (398441)			0.002
D64608 (398442)			0.002
D64609 (398443)			0.002
D64610 (398444)			0.002
D64611 (398445)			0.002
D64612 (398446)			0.002
D64613 (398447)			0.002
D64614 (398448)			0.002
D64615 (398449)			0.002
D64616 (398450)			0.004
D64617 (398451)			0.002
D64618 (398452)			0.002
D64619 (398453)			0.003
D64620 (398454)			0.002
D64621 (398455)			0.002
D64622 (398456)			0.003
D64623 (398457)			0.002
D64624 (398458)			0.002
D64625 (398459)			0.002
D64626 (398460)			0.528
D64627 (398461)			0.002
D64628 (398462)			0.002
D64629 (398463)			0.002
D64630 (398464)			0.002
D64631 (398465)			0.004
D64632 (398466)			0.002
D64633 (398467)			0.004
D64634 (398468)			0.003
D64635 (398469)			0.007
D64636 (398470)			0.005
D64637 (398471)			0.008
D64638 (398472)			0.004

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AGAT WORK ORDER: 19T499860

PROJECT: AGAT00721

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jul 30, 2019

DATE RECEIVED: Jul 31, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Unit:	RDL:
Au	ppm	0.001
Sample ID (AGAT ID)		
D64639 (398473)		0.003
D64640 (398474)		0.003
D64641 (398475)		0.004
D64642 (398476)		0.018
D64643 (398477)		0.023
D64644 (398478)		0.012
D64645 (398479)		0.004
D64646 (398480)		0.343

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T499860

PROJECT: AGAT00721

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Jul 30, 2019

DATE RECEIVED: Jul 31, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D63971 (398409)		94.22
D63990 (398428)		93.56
D64614 (398448)		92.11
D64634 (398468)		91.43

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Val D'Or (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T499860

PROJECT: AGAT00721

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jul 30, 2019

DATE RECEIVED: Jul 31, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D63971 (398409)		90.00
D64614 (398448)		85.23

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Val D'Or (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	398409	< 0.5	< 0.5	0.0%	398423	< 0.5	< 0.5	0.0%	398434	< 0.5	< 0.5	0.0%	398448	< 0.5	< 0.5	0.0%
Al	398409	8.36	7.96	4.9%	398423	7.91	7.70	2.7%	398434	8.26	8.10	2.0%	398448	3.07	2.99	2.6%
As	398409	< 1	< 1	0.0%	398423	< 1	< 1	0.0%	398434	< 1	< 1	0.0%	398448	< 1	< 1	0.0%
Ba	398409	180	167	7.5%	398423	166	165	0.6%	398434	233	229	1.7%	398448	1290	1270	1.6%
Be	398409	0.9	0.9	0.0%	398423	1.8	1.8	0.0%	398434	0.59	0.53	10.7%	398448	1.16	0.98	16.8%
Bi	398409	< 1	< 1	0.0%	398423	< 1	< 1	0.0%	398434	< 1	< 1	0.0%	398448	< 1	< 1	0.0%
Ca	398409	4.34	4.13	5.0%	398423	3.39	3.41	0.6%	398434	4.38	4.36	0.5%	398448	10.1	10.1	0.0%
Cd	398409	< 0.5	< 0.5	0.0%	398423	< 0.5	< 0.5	0.0%	398434	< 0.5	< 0.5	0.0%	398448	< 0.5	< 0.5	0.0%
Ce	398409	17	17	0.0%	398423	31	31	0.0%	398434	22	22	0.0%	398448	183	186	1.6%
Co	398409	24.0	23.6	1.7%	398423	18.3	17.5	4.5%	398434	23.7	23.4	1.3%	398448	52.6	54.2	3.0%
Cr	398409	184	159	14.6%	398423	106	102	3.8%	398434	174	167	4.1%	398448	531	558	5.0%
Cu	398409	< 0.5	< 0.5	0.0%	398423	55.2	56.3	2.0%	398434	< 0.5	< 0.5	0.0%	398448	131	129	1.5%
Fe	398409	4.91	4.61	6.3%	398423	4.44	4.38	1.4%	398434	5.36	5.25	2.1%	398448	9.16	9.15	0.1%
Ga	398409	20	20	0.0%	398423	20	20	0.0%	398434	20	20	0.0%	398448	19	21	10.0%
In	398409	< 1	< 1	0.0%	398423	< 1	< 1	0.0%	398434	< 1	< 1	0.0%	398448	< 1	< 1	0.0%
K	398409	1.06	0.99	6.8%	398423	2.09	2.04	2.4%	398434	1.18	1.13	4.3%	398448	2.39	2.31	3.4%
La	398409	9	9	0.0%	398423	14	14	0.0%	398434	11	11	0.0%	398448	84	84	0.0%
Li	398409	26	25	3.9%	398423	23	22	4.4%	398434	30	29	3.4%	398448	19	19	0.0%
Mg	398409	2.56	2.42	5.6%	398423	1.54	1.52	1.3%	398434	2.96	2.90	2.0%	398448	8.07	7.93	1.8%
Mn	398409	812	765	6.0%	398423	616	604	2.0%	398434	975	958	1.8%	398448	1560	1540	1.3%
Mo	398409	1.4	1.0		398423	1.8	2.2	20.0%	398434	2.1	1.6	27.0%	398448	1.4	1.9	
Na	398409	3.15	2.99	5.2%	398423	2.96	2.96	0.0%	398434	2.94	2.93	0.3%	398448	1.04	1.02	1.9%
Ni	398409	79.8	76.8	3.8%	398423	35.4	35.8	1.1%	398434	93.8	93.6	0.2%	398448	264	273	3.4%
P	398409	426	421	1.2%	398423	575	561	2.5%	398434	548	555	1.3%	398448	1820	1950	6.9%
Pb	398409	< 20	< 20	0.0%	398423	< 20	< 20	0.0%	398434	< 20	< 20	0.0%	398448	< 20	< 20	0.0%
Rb	398409	< 50	< 50	0.0%	398423	< 50	< 50	0.0%	398434	< 50	< 50	0.0%	398448	< 50	< 50	0.0%
S	398409	0.01	0.01	0.0%	398423	0.15	0.15	0.0%	398434	< 0.01	< 0.01	0.0%	398448	0.19	0.19	0.0%
Sb	398409	< 1	< 1	0.0%	398423	< 1	< 1	0.0%	398434	< 1	< 1	0.0%	398448	< 1	< 1	0.0%
Sc	398409	17	17	0.0%	398423	21	22	4.7%	398434	20	20	0.0%	398448	26	26	0.0%
Se	398409	< 10	< 10	0.0%	398423	< 10	< 10	0.0%	398434	< 10	< 10	0.0%	398448	< 10	< 10	0.0%
Sn	398409	< 5	< 5	0.0%	398423	< 5	< 5	0.0%	398434	< 5	< 5	0.0%	398448	< 5	< 5	0.0%





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	398409	209	199	4.9%	398423	216	215	0.5%	398434	194	194	0.0%	398448	1180	1170	0.9%
Ta	398409	< 10	< 10	0.0%	398423	< 10	< 10	0.0%	398434	< 10	< 10	0.0%	398448	< 10	< 10	0.0%
Te	398409	< 10	< 10	0.0%	398423	< 10	< 10	0.0%	398434	< 10	< 10	0.0%	398448	< 10	< 10	0.0%
Th	398409	< 5	< 5	0.0%	398423	< 5	< 5	0.0%	398434	< 5	< 5	0.0%	398448	< 5	< 5	0.0%
Ti	398409	0.417	0.391	6.4%	398423	0.40	0.40	0.0%	398434	0.46	0.46	0.0%	398448	1.80	1.84	2.2%
Tl	398409	< 5	< 5	0.0%	398423	< 5	< 5	0.0%	398434	< 5	< 5	0.0%	398448	< 5	< 5	0.0%
U	398409	< 50	< 50	0.0%	398423	< 50	< 50	0.0%	398434	< 50	< 50	0.0%	398448	< 50	< 50	0.0%
V	398409	128	127	0.8%	398423	121	123	1.6%	398434	128	129	0.8%	398448	284	293	3.1%
W	398409	< 1	< 1	0.0%	398423	< 1	< 1	0.0%	398434	< 1	< 1	0.0%	398448	< 1	< 1	0.0%
Y	398409	14	14	0.0%	398423	19	20	5.1%	398434	16	16	0.0%	398448	27	28	3.6%
Zn	398409	49.9	47.1	5.8%	398423	43.8	44.1	0.7%	398434	60.3	58.6	2.9%	398448	84.5	92.3	8.8%
Zr	398409	75	75	0.0%	398423	128	133	3.8%	398434	77	73	5.3%	398448	34	43	23.4%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	398459	< 0.5	< 0.5	0.0%	398473	< 0.5	< 0.5	0.0%								
Al	398459	8.21	8.30	1.1%	398473	8.60	8.95	4.0%								
As	398459	< 1	< 1	0.0%	398473	< 1	< 1	0.0%								
Ba	398459	198	202	2.0%	398473	164	172	4.8%								
Be	398459	1.1	1.1	0.0%	398473	< 0.5	< 0.5	0.0%								
Bi	398459	< 1	< 1	0.0%	398473	< 1	< 1	0.0%								
Ca	398459	4.72	4.68	0.9%	398473	4.75	4.89	2.9%								
Cd	398459	< 0.5	< 0.5	0.0%	398473	< 0.5	< 0.5	0.0%								
Ce	398459	27	26	3.8%	398473	25	25	0.0%								
Co	398459	20.1	20.2	0.5%	398473	21.5	21.6	0.5%								
Cr	398459	145	138	4.9%	398473	142	144	1.4%								
Cu	398459	< 0.5	< 0.5	0.0%	398473	< 0.5	< 0.5	0.0%								
Fe	398459	4.80	4.77	0.6%	398473	4.93	5.13	4.0%								
Ga	398459	20	20	0.0%	398473	21	21	0.0%								
In	398459	< 1	< 1	0.0%	398473	< 1	< 1	0.0%								
K	398459	1.03	1.05	1.9%	398473	0.77	0.81	5.1%								
La	398459	13	12	8.0%	398473	12	12	0.0%								
Li	398459	38	38	0.0%	398473	33	34	3.0%								
Mg	398459	2.59	2.60	0.4%	398473	2.08	2.16	3.8%								
Mn	398459	1200	1190	0.8%	398473	790	826	4.5%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	398459	1.0	1.0	0.0%	398473	0.8	1.0	22.2%								
Na	398459	2.92	2.95	1.0%	398473	3.20	3.33	4.0%								
Ni	398459	78.9	79.3	0.5%	398473	54.8	56.0	2.2%								
P	398459	608	603	0.8%	398473	553	550	0.5%								
Pb	398459	< 20	< 20	0.0%	398473	< 20	< 20	0.0%								
Rb	398459	< 50	< 50	0.0%	398473	< 50	< 50	0.0%								
S	398459	< 0.01	< 0.01	0.0%	398473	0.01	< 0.01									
Sb	398459	< 1	< 1	0.0%	398473	< 1	< 1	0.0%								
Sc	398459	19	19	0.0%	398473	18	18	0.0%								
Se	398459	< 10	< 10	0.0%	398473	< 10	< 10	0.0%								
Sn	398459	< 5	< 5	0.0%	398473	< 5	< 5	0.0%								
Sr	398459	189	191	1.1%	398473	219	226	3.1%								
Ta	398459	< 10	< 10	0.0%	398473	< 10	< 10	0.0%								
Te	398459	< 10	< 10	0.0%	398473	< 10	< 10	0.0%								
Th	398459	< 5	< 5	0.0%	398473	< 5	< 5	0.0%								
Ti	398459	0.47	0.47	0.0%	398473	0.50	0.51	2.0%								
Tl	398459	< 5	< 5	0.0%	398473	< 5	< 5	0.0%								
U	398459	< 50	< 50	0.0%	398473	< 50	< 50	0.0%								
V	398459	126	130	3.1%	398473	134	135	0.7%								
W	398459	< 1	< 1	0.0%	398473	< 1	< 1	0.0%								
Y	398459	17	17	0.0%	398473	16	17	6.1%								
Zn	398459	54.3	60.4	10.6%	398473	51.2	51.9	1.4%								
Zr	398459	92	91	1.1%	398473	102	96	6.1%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	398409	0.005	0.003		398423	0.002	0.002	0.0%	398434	0.002	0.002	0.0%	398448	0.002	0.002	0.0%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	398459	0.002	0.002	0.0%	398473	0.003	0.003	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.Till-2)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	11.04	101%	90% - 110%					8.17	8.21	100%	90% - 110%				
As									26	23	89%	90% - 110%				
Ba	340	344	101%	90% - 110%					540	515	95%	90% - 110%				
Be	2.6	2.4	92%	90% - 110%												
Ca	5.72	5.42	95%	90% - 110%					0.907	0.838	92%	90% - 110%				
Ce	122	129	105%	90% - 110%					98	109	111%	90% - 110%				
Co	2.8	2	71%	90% - 110%												
Cr	12	8	70%	90% - 110%					60.3	59.8	99%	90% - 110%				
Cu									150	140	93%	90% - 110%				
Fe	4.34	4	92%	90% - 110%					3.77	3.5	93%	90% - 110%				
Ga	35	32	91%	90% - 110%												
K	1.37	1.39	102%	90% - 110%												
La	58	55	95%	90% - 110%					44	46	105%	90% - 110%				
Li	37	40	107%	90% - 110%					47	48	101%	90% - 110%				
Mg	0.325	0.3	92%	90% - 110%					1.10	1.01	92%	90% - 110%				
Mn									780	728	93%	90% - 110%				
Mo					14	12	86%	90% - 110%					2.49	2.75	111%	90% - 110%
Na	5.267	5.358	102%	90% - 110%					1.624	1.624	100%	90% - 110%				
Ni									32	29	91%	90% - 110%				
P									750	735	98%	90% - 110%				
Pb									31	23	73%	90% - 110%				
Sc	1.1	0.9	77%	90% - 110%					12	12	102%	90% - 110%				
Sr	1191	1182	99%	90% - 110%					144	146	101%	90% - 110%				
Ti	0.172	0.175	102%	90% - 110%					0.53	0.48	90%	90% - 110%				
V	8	7	83%	90% - 110%					77	76	98%	90% - 110%				
Y	119	121	102%	90% - 110%												
Zn	93	86	93%	90% - 110%					130	107	82%	90% - 110%				
	CRM #5 (ref.GTS-2a)				CRM #6 (ref.WMG-1a)											
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Ag					3.03	3.22	106%	90% - 110%								
Al	6.96	7.11	102%	90% - 110%	4.75	4.99	105%	90% - 110%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

As	124	116	94%	90% - 110%											
Ba	186	193	104%	90% - 110%	216	224	104%	90% - 110%							
Ca	4.01	3.84	96%	90% - 110%	10	9	93%	90% - 110%							
Ce	24	24	98%	90% - 110%											
Co	22.1	21.1	95%	90% - 110%	191	179	94%	90% - 110%							
Cr					670	615	92%	90% - 110%							
Cu	88.6	86.6	98%	90% - 110%	7120	7119	100%	90% - 110%							
Fe	7.56	7.25	96%	90% - 110%	12.71	11.75	92%	90% - 110%							
K	2.021	2.029	100%	90% - 110%	0.1021	0.105	103%	90% - 110%							
La					8.47	9.87	117%	90% - 110%							
Mg	2.412	2.323	96%	90% - 110%	7.41	7.02	95%	90% - 110%							
Mn	1510	1434	95%	90% - 110%											
Na	0.617	0.647	105%	90% - 110%	0.112	0.122	109%	90% - 110%							
Ni	77.1	67.9	88%	90% - 110%	2480	2066	83%	90% - 110%							
P	892	925	104%	90% - 110%	731	740	101%	90% - 110%							
S	0.348	0.348	100%	90% - 110%											
Sc					21.33	22.11	104%	90% - 110%							
Sr	92.8	93.2	100%	90% - 110%	39	38	99%	90% - 110%							
Ti					0.419	0.428	102%	90% - 110%							
V					158	157	99%	90% - 110%							
Y					12.67	13.48	106%	90% - 110%							
Zn	208	197	95%	90% - 110%	112	107	96%	90% - 110%							
Zr					35.7	35.7	100%	90% - 110%							

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP5G)				CRM #4 (ref.GSP7M)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.27	5.38	102%	90% - 110%	6.87	6.89	100%	90% - 110%	0.562	0.573	102%	90% - 110%	0.725	0.712	98%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00721  
 SAMPLING SITE:

AGAT WORK ORDER: 19T499860  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00722

AGAT WORK ORDER: 19T500889

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Aug 21, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T500889

PROJECT: AGAT00722

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 01, 2019

DATE RECEIVED: Aug 02, 2019

DATE REPORTED: Aug 21, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D64687 (408054)		1.62
D64688 (408055)		1.37
D64689 (408056)		2.30
D64690 (408057)		2.19
D64691 (408058)		2.12
D64692 (408059)		0.67
D64693 (408060)		2.40
D64694 (408061)		2.18
D64695 (408062)		2.11
D64696 (408063)		2.10
D64697 (408064)		2.13
D64698 (408065)		2.13
D64699 (408066)		2.13
D64700 (408067)		1.80
D64701 (408068)		2.18
D64702 (408069)		2.12
D64703 (408070)		2.34
D64704 (408071)		1.19
D64705 (408072)		2.14
D64706 (408073)		0.07
D64707 (408074)		2.19
D64708 (408075)		0.68
D64709 (408076)		2.53
D64710 (408077)		2.03
D64711 (408078)		2.32
D64712 (408079)		0.60
D64713 (408080)		2.16
D64714 (408081)		1.83
D64715 (408082)		2.14
D64716 (408083)		1.53
D64717 (408084)		1.56

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T500889

PROJECT: AGAT00722

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 01, 2019      DATE RECEIVED: Aug 02, 2019      DATE REPORTED: Aug 21, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D64718 (408085)		1.56
D64719 (408086)		2.49
D64720 (408087)		0.84
D64721 (408088)		2.13
D64722 (408089)		2.17
D64723 (408090)		2.23
D64724 (408091)		2.16
D64725 (408092)		1.61
D64726 (408093)		0.07
D64727 (408094)		0.63
D64728 (408095)		3.42
D64729 (408096)		0.66
D64730 (408097)		2.62
D64731 (408098)		2.10
D64732 (408099)		0.59
D64733 (408100)		2.11
D64734 (408101)		2.14
D64735 (408102)		1.99
D64736 (408103)		2.15
D64737 (408104)		2.06
D64738 (408105)		2.06
D64739 (408106)		1.82
D64740 (408107)		0.65
D64741 (408108)		1.95
D64742 (408109)		1.69
D64743 (408110)		2.45
D64744 (408111)		0.69
D64745 (408112)		0.95
D64746 (408113)		0.07
D64747 (408114)		2.07
D64748 (408115)		1.77

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T500889

PROJECT: AGAT00722

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 01, 2019

DATE RECEIVED: Aug 02, 2019

DATE REPORTED: Aug 21, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D64749 (408116)		1.71
D64750 (408117)		2.17
D64751 (408118)		1.91
D64752 (408119)		0.63
D64753 (408120)		0.70
D64754 (408121)		1.76
D64755 (408122)		2.14
D64756 (408123)		2.21
D64757 (408124)		2.14
D64758 (408125)		2.14

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T500889

PROJECT: AGAT00722

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 01, 2019	DATE RECEIVED: Aug 02, 2019							DATE REPORTED: Aug 21, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D64687 (408054)	<0.5	7.97	<1	448	0.7	<1	1.65	<0.5	13	2.1	237	8.5	1.17	19	
D64688 (408055)	<0.5	8.34	<1	359	1.0	<1	1.74	<0.5	16	2.4	129	1.9	1.24	19	
D64689 (408056)	<0.5	8.46	1	295	1.1	<1	1.81	<0.5	16	2.1	156	13.6	1.20	21	
D64690 (408057)	<0.5	7.86	<1	454	0.8	<1	1.61	<0.5	14	2.1	153	1.3	1.09	19	
D64691 (408058)	<0.5	8.28	1	520	0.7	<1	1.77	<0.5	13	2.1	161	11.3	1.16	19	
D64692 (408059)	<0.5	0.10	2	22	<0.5	<1	31.0	<0.5	2	<0.5	15.3	<0.5	0.09	6	
D64693 (408060)	<0.5	7.93	3	604	1.2	<1	1.96	<0.5	54	3.3	106	6.9	1.38	18	
D64694 (408061)	<0.5	8.11	2	360	0.9	<1	1.87	<0.5	22	3.4	182	5.4	1.47	19	
D64695 (408062)	<0.5	7.93	2	348	0.8	<1	1.70	<0.5	15	2.2	134	13.9	1.15	20	
D64696 (408063)	<0.5	7.57	3	598	1.0	<1	1.63	<0.5	16	2.2	204	12.7	0.99	19	
D64697 (408064)	<0.5	7.96	<1	593	1.0	<1	1.58	<0.5	15	2.4	119	8.2	1.19	19	
D64698 (408065)	<0.5	7.89	<1	591	0.9	<1	1.58	<0.5	16	2.4	116	8.8	1.12	20	
D64699 (408066)	<0.5	8.06	<1	732	0.8	<1	1.60	<0.5	15	3.0	167	13.6	1.19	19	
D64700 (408067)	<0.5	7.80	<1	654	1.2	<1	1.99	<0.5	19	3.6	143	31.1	1.67	20	
D64701 (408068)	<0.5	7.84	<1	648	0.7	<1	1.75	<0.5	18	4.4	156	15.5	1.42	19	
D64702 (408069)	<0.5	7.85	1	648	0.7	<1	1.60	<0.5	16	2.3	111	4.1	1.18	18	
D64703 (408070)	<0.5	7.94	1	379	1.0	<1	2.09	<0.5	23	5.8	181	14.2	1.64	21	
D64704 (408071)	<0.5	7.74	1	670	1.0	<1	3.29	<0.5	37	17.0	287	5.5	3.54	22	
D64705 (408072)	<0.5	7.76	<1	535	1.2	<1	2.26	<0.5	24	5.3	146	17.7	1.79	20	
D64706 (408073)	<0.5	7.75	<1	203	<0.5	<1	6.43	<0.5	17	41.8	208	112	8.06	20	
D64707 (408074)	<0.5	7.80	2	396	1.6	<1	2.06	<0.5	21	5.5	133	7.6	1.80	20	
D64708 (408075)	<0.5	8.86	<1	903	3.3	<1	0.88	<0.5	2	0.9	147	1.7	0.57	23	
D64709 (408076)	<0.5	7.73	<1	494	1.5	<1	2.35	<0.5	31	6.8	168	15.2	1.79	21	
D64710 (408077)	<0.5	8.03	<1	448	0.9	<1	1.74	<0.5	19	2.7	120	38.5	1.24	19	
D64711 (408078)	<0.5	8.30	<1	361	0.9	<1	1.76	<0.5	19	3.0	125	9.4	1.35	19	
D64712 (408079)	<0.5	0.07	2	16	<0.5	<1	31.3	<0.5	2	<0.5	12.1	<0.5	0.10	5	
D64713 (408080)	<0.5	7.88	1	503	1.0	<1	1.65	<0.5	24	2.8	109	18.6	0.89	19	
D64714 (408081)	<0.5	7.63	3	503	0.9	<1	1.63	<0.5	22	3.7	154	13.8	1.30	19	
D64715 (408082)	<0.5	8.06	2	506	0.9	<1	1.75	<0.5	20	2.8	95.7	3.4	1.23	19	
D64716 (408083)	<0.5	8.07	3	520	1.5	<1	2.16	<0.5	31	3.3	128	6.2	1.38	20	
D64717 (408084)	<0.5	4.54	<1	1080	3.2	<1	9.11	<0.5	160	38.6	258	98.6	7.06	22	
D64718 (408085)	<0.5	4.42	<1	1070	3.1	<1	9.04	<0.5	156	38.5	235	97.7	6.93	21	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T500889

PROJECT: AGAT00722

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 01, 2019	DATE RECEIVED: Aug 02, 2019		DATE REPORTED: Aug 21, 2019		SAMPLE TYPE: Drill Core									
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5
D64719 (408086)	<0.5	8.10	2	462	1.7	<1	2.46	<0.5	39	5.8	130	4.8	1.86	20
D64720 (408087)	<0.5	5.55	<1	332	2.9	<1	0.89	<0.5	13	1.8	203	2.3	0.85	16
D64721 (408088)	<0.5	8.10	<1	531	1.0	<1	1.67	<0.5	18	2.5	123	5.9	1.23	20
D64722 (408089)	<0.5	8.27	2	433	0.7	<1	1.67	<0.5	17	2.1	156	16.6	1.25	20
D64723 (408090)	<0.5	8.46	1	271	0.8	<1	1.82	<0.5	19	2.3	110	0.8	1.30	20
D64724 (408091)	<0.5	8.51	<1	429	0.8	<1	1.81	<0.5	18	2.6	135	5.3	1.28	20
D64725 (408092)	<0.5	7.66	<1	528	0.7	<1	1.64	<0.5	21	3.8	138	10.9	1.34	20
D64726 (408093)	<0.5	7.47	<1	152	<0.5	<1	6.62	<0.5	6	42.4	198	163	8.13	18
D64727 (408094)	<0.5	5.01	<1	308	10.3	<1	5.38	<0.5	100	30.8	337	61.0	4.94	18
D64728 (408095)	<0.5	8.01	<1	433	1.1	<1	1.80	<0.5	23	4.7	135	24.4	1.62	21
D64729 (408096)	<0.5	7.90	<1	193	0.9	<1	1.65	<0.5	13	2.9	129	2.5	1.44	20
D64730 (408097)	<0.5	8.32	3	504	0.9	<1	1.76	<0.5	16	3.7	120	19.5	1.32	21
D64731 (408098)	<0.5	7.84	2	380	2.1	<1	1.49	<0.5	19	2.2	109	6.1	1.14	19
D64732 (408099)	<0.5	0.07	1	17	<0.5	<1	30.7	<0.5	2	1.0	8.0	<0.5	0.10	6
D64733 (408100)	<0.5	7.59	2	541	0.8	<1	3.73	<0.5	18	2.3	107	6.1	1.12	20
D64734 (408101)	<0.5	8.10	<1	343	0.7	<1	1.63	<0.5	22	2.1	116	3.4	1.22	20
D64735 (408102)	<0.5	8.09	1	674	0.9	<1	1.72	<0.5	23	2.7	148	2.0	1.28	20
D64736 (408103)	<0.5	8.25	<1	658	1.2	<1	1.89	<0.5	66	5.1	92.2	5.6	2.04	21
D64737 (408104)	<0.5	6.59	5	932	3.1	<1	3.19	<0.5	69	6.5	146	4.5	3.46	20
D64738 (408105)	<0.5	6.78	2	957	3.2	<1	2.68	<0.5	66	7.1	178	5.5	3.63	21
D64739 (408106)	<0.5	7.50	2	1920	1.6	<1	2.02	<0.5	27	4.7	14.9	6.4	2.04	21
D64740 (408107)	<0.5	2.32	35	566	1.8	<1	9.68	<0.5	1160	35.3	81.0	8.0	6.89	7
D64741 (408108)	<0.5	7.46	4	706	2.0	<1	2.08	<0.5	137	4.1	77.3	4.6	1.86	20
D64742 (408109)	<0.5	7.60	1	770	1.7	<1	1.29	<0.5	22	2.1	62.6	5.8	1.25	19
D64743 (408110)	<0.5	7.95	18	636	1.2	<1	1.53	<0.5	33	2.4	44.4	4.7	1.20	20
D64744 (408111)	<0.5	8.44	<1	718	1.3	<1	1.43	<0.5	63	1.3	53.4	3.0	0.96	18
D64745 (408112)	<0.5	7.93	<1	386	1.0	<1	1.98	<0.5	60	3.3	51.7	4.2	1.68	20
D64746 (408113)	<0.5	7.42	<1	149	<0.5	<1	6.59	<0.5	7	43.0	151	157	8.08	20
D64747 (408114)	<0.5	7.94	<1	281	1.1	<1	1.63	<0.5	15	2.2	43.9	3.9	1.14	21
D64748 (408115)	<0.5	8.21	2	331	1.0	<1	1.77	<0.5	15	4.2	42.4	50.5	1.34	19
D64749 (408116)	<0.5	7.70	2	620	3.0	<1	1.47	<0.5	38	2.2	52.0	2.8	1.12	23
D64750 (408117)	<0.5	8.16	<1	734	1.2	<1	1.91	<0.5	27	5.5	88.1	18.4	1.57	21

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T500889

PROJECT: AGAT00722

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 01, 2019	DATE RECEIVED: Aug 02, 2019							DATE REPORTED: Aug 21, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D64751 (408118)	<0.5	7.97	<1	509	1.2	<1	1.67	<0.5	22	3.1	67.1	5.8	1.31	20	
D64752 (408119)	<0.5	0.09	1	17	<0.5	<1	28.9	<0.5	2	0.9	3.5	<0.5	0.11	6	
D64753 (408120)	<0.5	7.81	<1	2260	0.8	<1	3.71	<0.5	44	24.2	188	<0.5	3.93	25	
D64754 (408121)	<0.5	8.32	<1	569	1.0	<1	1.90	<0.5	21	4.1	66.6	7.4	1.57	21	
D64755 (408122)	<0.5	8.30	<1	505	1.1	<1	1.84	<0.5	19	3.5	47.3	2.5	1.34	20	
D64756 (408123)	<0.5	8.78	1	301	1.1	<1	1.95	<0.5	24	3.3	32.5	19.7	1.44	21	
D64757 (408124)	<0.5	8.01	<1	393	1.0	<1	1.72	<0.5	38	3.2	45.3	16.3	1.27	20	
D64758 (408125)	<0.5	8.18	<1	397	1.0	<1	1.76	<0.5	37	2.6	39.0	17.4	1.34	19	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 01, 2019	DATE RECEIVED: Aug 02, 2019					DATE REPORTED: Aug 21, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D64687 (408054)	<1	1.11	8	21	0.21	163	16.5	3.92	4.4	243	<20	<50	0.01	<1	
D64688 (408055)	<1	1.14	9	21	0.22	194	8.0	4.08	2.4	246	<20	<50	<0.01	<1	
D64689 (408056)	<1	0.99	10	21	0.24	192	11.3	4.20	1.8	251	<20	<50	0.03	<1	
D64690 (408057)	<1	1.21	8	20	0.20	160	9.7	3.82	1.5	219	<20	<50	<0.01	<1	
D64691 (408058)	<1	1.11	8	18	0.23	169	11.0	4.19	1.3	252	<20	<50	0.02	<1	
D64692 (408059)	1	0.02	<2	1	2.42	54	<0.5	0.06	<0.5	87	<20	<50	0.02	<1	
D64693 (408060)	<1	1.61	26	12	0.41	259	10.5	3.99	5.1	254	<20	<50	0.02	<1	
D64694 (408061)	<1	1.22	12	22	0.37	222	12.6	3.94	6.0	271	<20	<50	0.02	<1	
D64695 (408062)	<1	1.08	9	12	0.22	166	8.7	3.91	1.4	241	<20	<50	0.02	<1	
D64696 (408063)	<1	1.69	8	12	0.24	164	13.4	3.60	3.5	186	<20	<50	0.02	<1	
D64697 (408064)	<1	1.57	8	18	0.26	182	8.5	3.85	3.2	203	<20	<50	0.02	<1	
D64698 (408065)	<1	1.55	9	18	0.25	177	8.2	3.79	3.1	203	<20	<50	0.01	<1	
D64699 (408066)	<1	1.65	8	14	0.26	155	11.1	3.75	3.6	223	<20	<50	0.02	<1	
D64700 (408067)	<1	1.77	10	22	0.50	276	9.2	3.76	7.6	232	<20	<50	0.04	<1	
D64701 (408068)	<1	1.32	10	29	0.47	207	11.8	3.61	8.8	298	<20	<50	0.02	<1	
D64702 (408069)	<1	1.49	9	19	0.25	147	7.9	3.75	2.8	197	<20	<50	0.01	<1	
D64703 (408070)	<1	1.29	12	27	0.66	284	10.4	3.86	10.5	356	<20	<50	0.03	<1	
D64704 (408071)	<1	1.39	19	43	2.38	650	5.3	3.40	32.5	924	<20	<50	0.03	<1	
D64705 (408072)	<1	1.37	12	24	0.67	271	9.5	3.74	10.2	376	<20	<50	0.03	<1	
D64706 (408073)	<1	0.42	11	10	4.29	1360	1.3	2.35	108	856	<20	<50	0.09	<1	
D64707 (408074)	<1	1.90	11	23	0.72	312	6.5	3.84	12.5	332	<20	<50	0.02	<1	
D64708 (408075)	<1	5.81	<2	6	0.12	129	10.6	2.85	2.3	173	27	58	<0.01	<1	
D64709 (408076)	<1	1.20	16	26	0.81	299	9.9	4.09	29.8	560	<20	<50	0.04	<1	
D64710 (408077)	<1	1.17	10	18	0.26	168	8.1	3.96	2.7	226	<20	<50	0.07	<1	
D64711 (408078)	<1	1.18	10	26	0.36	211	10.5	4.07	4.9	298	<20	<50	0.02	<1	
D64712 (408079)	2	0.01	<2	<1	2.52	57	0.9	0.05	0.6	80	<20	<50	0.01	<1	
D64713 (408080)	<1	1.48	13	15	0.25	144	7.7	3.85	3.9	190	<20	<50	0.02	<1	
D64714 (408081)	<1	1.41	12	36	0.38	198	10.1	3.70	7.5	252	<20	<50	0.02	<1	
D64715 (408082)	<1	1.22	11	21	0.34	172	8.5	4.08	4.5	292	<20	<50	0.02	<1	
D64716 (408083)	<1	1.32	17	29	0.42	236	14.0	4.62	4.7	464	23	<50	0.02	<1	
D64717 (408084)	<1	2.01	78	36	5.04	1370	9.0	2.70	154	2400	<20	<50	0.24	<1	
D64718 (408085)	<1	1.96	77	35	4.94	1330	8.0	2.63	149	2490	<20	<50	0.22	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 01, 2019

DATE RECEIVED: Aug 02, 2019

DATE REPORTED: Aug 21, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D64719 (408086)		<1	1.54	19	50	0.76	374	9.6	4.29	15.8	420	<20	<50	0.05	<1
D64720 (408087)		<1	1.98	6	9	0.20	191	16.4	2.39	5.1	146	<20	<50	<0.01	<1
D64721 (408088)		<1	1.37	9	18	0.27	185	8.1	4.02	2.8	237	<20	<50	<0.01	<1
D64722 (408089)		<1	1.26	9	22	0.25	173	10.4	4.05	2.1	223	<20	<50	0.02	<1
D64723 (408090)		<1	0.99	10	25	0.27	180	7.4	4.29	1.1	256	<20	<50	<0.01	<1
D64724 (408091)		<1	1.15	10	26	0.29	182	9.5	4.18	2.4	291	<20	<50	0.01	<1
D64725 (408092)		<1	1.13	11	32	0.38	185	7.9	3.81	7.9	272	<20	<50	0.03	<1
D64726 (408093)		<1	0.20	5	13	4.25	1390	1.0	2.31	85.3	377	<20	<50	0.14	<1
D64727 (408094)		<1	2.58	49	77	4.14	827	5.5	3.21	165	970	<20	<50	0.09	<1
D64728 (408095)		<1	1.33	11	34	0.58	264	8.3	3.97	14.5	337	<20	<50	0.06	<1
D64729 (408096)		<1	0.79	7	25	0.28	185	8.1	4.05	4.4	147	<20	<50	0.01	<1
D64730 (408097)		<1	1.03	8	41	0.44	220	7.5	4.16	10.2	269	<20	<50	0.03	<1
D64731 (408098)		<1	1.70	10	24	0.25	246	8.0	3.74	3.1	193	<20	<50	0.01	<1
D64732 (408099)		3	0.01	<2	1	2.12	57	<0.5	0.04	0.9	70	<20	<50	0.04	<1
D64733 (408100)		<1	1.42	9	28	0.50	173	6.7	3.67	3.5	235	<20	<50	0.01	<1
D64734 (408101)		<1	1.17	10	22	0.26	172	8.2	4.00	2.3	260	<20	<50	0.01	<1
D64735 (408102)		<1	1.09	12	18	0.28	172	10.9	4.05	2.5	330	<20	<50	0.02	<1
D64736 (408103)		<1	1.23	29	18	0.53	231	7.8	4.05	12.0	285	<20	<50	0.03	<1
D64737 (408104)		<1	2.30	29	14	1.39	599	8.5	3.49	26.7	54	<20	<50	0.03	<1
D64738 (408105)		<1	2.35	28	14	1.37	623	9.7	3.60	27.4	46	<20	<50	0.04	<1
D64739 (408106)		<1	1.75	13	13	0.75	328	1.4	3.74	11.2	171	<20	<50	0.05	<1
D64740 (408107)		<1	0.89	541	8	4.25	2180	2.6	1.35	73.3	121	<20	<50	0.18	<1
D64741 (408108)		<1	2.12	61	10	0.64	343	12.1	3.71	11.2	209	<20	<50	0.02	<1
D64742 (408109)		<1	2.17	11	7	0.25	126	10.0	3.70	4.1	131	<20	<50	0.01	<1
D64743 (408110)		<1	1.96	17	9	0.28	180	7.5	3.77	3.2	179	<20	<50	0.01	<1
D64744 (408111)		<1	2.52	27	12	0.19	117	10.3	3.87	1.7	113	<20	<50	0.01	<1
D64745 (408112)		<1	1.22	28	14	0.47	265	8.5	3.97	5.5	302	<20	<50	0.01	<1
D64746 (408113)		<1	0.19	5	13	4.23	1390	1.2	2.29	87.2	412	<20	<50	0.15	<1
D64747 (408114)		<1	1.08	8	15	0.25	165	8.0	4.09	1.7	245	<20	<50	0.01	<1
D64748 (408115)		<1	1.11	8	19	0.27	169	6.7	4.21	2.5	312	<20	<50	0.19	<1
D64749 (408116)		<1	2.22	20	11	0.31	196	9.1	3.58	4.7	214	<20	<50	0.02	<1
D64750 (408117)		<1	1.50	14	29	0.73	282	9.6	3.92	20.5	370	<20	<50	0.04	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T500889

PROJECT: AGAT00722

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 01, 2019

DATE RECEIVED: Aug 02, 2019

DATE REPORTED: Aug 21, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Rb ppm	S %	Sb ppm
D64751 (408118)		<1	1.65	11	19	0.34	198	10.6	3.96	4.6	266	<20	<50	0.02	<1
D64752 (408119)		3	0.01	<2	<1	3.62	80	<0.5	0.05	0.5	76	<20	<50	0.02	<1
D64753 (408120)		<1	1.65	21	53	3.04	664	4.6	3.28	96.5	669	<20	<50	0.06	<1
D64754 (408121)		<1	1.49	11	26	0.60	225	11.1	3.95	14.2	275	<20	<50	0.02	<1
D64755 (408122)		<1	1.11	10	30	0.33	189	7.8	4.24	3.5	284	<20	<50	0.02	<1
D64756 (408123)		<1	1.09	13	31	0.36	203	6.8	4.47	3.5	363	<20	<50	0.06	2
D64757 (408124)		<1	1.29	17	17	0.30	180	10.1	3.86	3.4	288	<20	<50	0.04	<1
D64758 (408125)		<1	1.30	17	18	0.31	186	9.1	4.05	3.1	261	<20	<50	0.04	<1

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 01, 2019

DATE RECEIVED: Aug 02, 2019

DATE REPORTED: Aug 21, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D64687 (408054)	2	<10	<5	411	<10	<10	<5	0.11	<5	<50	14.1	<1	2	38.7
D64688 (408055)	2	<10	<5	422	<10	<10	<5	0.12	<5	<50	15.3	<1	2	42.2
D64689 (408056)	2	<10	<5	437	<10	<10	<5	0.11	<5	<50	16.1	<1	3	40.3
D64690 (408057)	2	<10	<5	395	<10	<10	<5	0.10	<5	<50	13.7	<1	2	35.6
D64691 (408058)	2	<10	<5	443	<10	<10	<5	0.11	<5	<50	13.7	<1	2	40.2
D64692 (408059)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	2.4	1	2	4.0
D64693 (408060)	5	<10	<5	391	<10	<10	5	0.11	<5	<50	24.5	<1	5	38.1
D64694 (408061)	3	<10	<5	428	<10	<10	<5	0.14	<5	<50	23.0	<1	4	52.2
D64695 (408062)	2	<10	<5	410	<10	<10	<5	0.11	<5	<50	15.5	<1	3	38.8
D64696 (408063)	2	<10	<5	373	<10	<10	<5	0.08	<5	<50	13.2	<1	3	28.0
D64697 (408064)	2	<10	<5	370	<10	<10	<5	0.11	<5	<50	14.0	<1	3	42.0
D64698 (408065)	2	<10	<5	365	<10	<10	<5	0.10	<5	<50	15.1	<1	3	40.9
D64699 (408066)	2	<10	<5	400	<10	<10	<5	0.12	<5	<50	14.9	<1	5	39.5
D64700 (408067)	3	<10	<5	434	<10	<10	<5	0.12	<5	<50	21.1	<1	5	34.4
D64701 (408068)	3	<10	<5	457	<10	<10	<5	0.14	<5	<50	24.0	<1	4	44.2
D64702 (408069)	2	<10	<5	408	<10	<10	<5	0.11	<5	<50	15.1	<1	3	38.7
D64703 (408070)	4	<10	<5	483	<10	<10	<5	0.14	<5	<50	28.9	<1	6	44.2
D64704 (408071)	12	<10	<5	507	<10	<10	<5	0.30	<5	<50	88.7	<1	11	70.8
D64705 (408072)	6	<10	<5	513	<10	<10	<5	0.16	<5	<50	33.5	<1	6	42.5
D64706 (408073)	34	<10	<5	257	<10	<10	<5	0.93	<5	<50	243	<1	23	89.5
D64707 (408074)	5	<10	<5	418	<10	<10	<5	0.16	<5	<50	32.5	<1	6	37.1
D64708 (408075)	1	<10	<5	328	<10	<10	<5	0.04	<5	<50	5.5	<1	7	17.2
D64709 (408076)	3	<10	<5	543	<10	<10	<5	0.21	<5	<50	32.1	<1	9	43.0
D64710 (408077)	2	<10	<5	455	<10	<10	<5	0.11	<5	<50	15.8	<1	3	35.9
D64711 (408078)	2	<10	<5	437	<10	<10	<5	0.14	<5	<50	19.0	<1	3	46.0
D64712 (408079)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	2.0	<1	2	3.3
D64713 (408080)	2	<10	<5	409	<10	<10	<5	0.09	<5	<50	11.2	<1	2	32.4
D64714 (408081)	3	<10	<5	406	<10	<10	<5	0.14	<5	<50	21.0	<1	3	44.4
D64715 (408082)	2	<10	<5	518	<10	<10	<5	0.14	<5	<50	18.7	<1	4	39.2
D64716 (408083)	3	<10	<5	549	<10	<10	<5	0.14	<5	<50	25.4	<1	6	49.2
D64717 (408084)	16	<10	<5	1180	<10	<10	<5	1.49	<5	<50	222	<1	34	87.5
D64718 (408085)	15	<10	<5	1150	<10	<10	<5	1.52	<5	<50	218	<1	34	81.7

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T500889

PROJECT: AGAT00722

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 01, 2019

DATE RECEIVED: Aug 02, 2019

DATE REPORTED: Aug 21, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D64719 (408086)	6	<10	<5	484	<10	<10	<5	0.20	<5	<50	40.7	<1	9	60.5
D64720 (408087)	2	<10	<5	216	<10	<10	<5	0.08	<5	<50	10.0	<1	6	25.3
D64721 (408088)	2	<10	<5	429	<10	<10	<5	0.13	<5	<50	17.4	<1	4	42.2
D64722 (408089)	2	<10	<5	412	<10	<10	<5	0.12	<5	<50	15.4	<1	2	42.6
D64723 (408090)	2	<10	<5	445	<10	<10	<5	0.13	<5	<50	16.2	<1	3	43.4
D64724 (408091)	2	<10	<5	450	<10	<10	<5	0.14	<5	<50	18.4	<1	4	42.5
D64725 (408092)	3	<10	<5	420	<10	<10	<5	0.14	<5	<50	20.7	<1	3	44.4
D64726 (408093)	45	<10	<5	116	<10	<10	<5	0.72	<5	<50	307	<1	22	79.6
D64727 (408094)	27	<10	<5	714	<10	<10	<5	0.82	<5	<50	176	<1	20	38.6
D64728 (408095)	4	<10	<5	428	<10	<10	<5	0.16	<5	<50	27.4	<1	5	47.8
D64729 (408096)	2	<10	<5	393	<10	<10	<5	0.12	<5	<50	20.7	<1	2	42.5
D64730 (408097)	3	<10	<5	438	<10	<10	<5	0.13	<5	<50	18.8	<1	4	46.4
D64731 (408098)	2	<10	<5	356	<10	<10	<5	0.11	<5	<50	14.0	<1	6	38.9
D64732 (408099)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	2.2	<1	2	5.5
D64733 (408100)	2	<10	<5	381	<10	<10	<5	0.11	<5	<50	18.7	<1	3	40.1
D64734 (408101)	2	<10	<5	417	<10	<10	<5	0.17	<5	<50	16.1	<1	8	42.0
D64735 (408102)	2	<10	<5	451	<10	<10	<5	0.12	<5	<50	17.0	<1	3	35.8
D64736 (408103)	5	<10	<5	492	<10	<10	18	0.14	<5	<50	26.8	<1	7	36.6
D64737 (408104)	15	<10	<5	218	<10	<10	<5	0.09	<5	<50	41.3	<1	9	15.9
D64738 (408105)	15	<10	<5	226	<10	<10	<5	0.09	<5	<50	42.1	<1	10	17.2
D64739 (408106)	6	<10	<5	359	<10	<10	<5	0.10	<5	<50	24.9	<1	5	27.1
D64740 (408107)	41	<10	<5	725	<10	<10	256	0.06	<5	<50	103	<1	79	28.7
D64741 (408108)	8	<10	<5	344	<10	<10	15	0.08	<5	<50	24.8	<1	13	20.7
D64742 (408109)	3	<10	<5	324	<10	<10	<5	0.07	<5	<50	13.5	<1	5	19.6
D64743 (408110)	3	<10	<5	373	<10	<10	<5	0.10	<5	<50	14.4	<1	4	32.7
D64744 (408111)	2	<10	<5	400	<10	<10	24	0.08	<5	<50	12.6	<1	6	23.6
D64745 (408112)	5	<10	<5	423	<10	<10	<5	0.14	<5	<50	23.4	<1	6	42.3
D64746 (408113)	46	<10	<5	115	<10	<10	<5	0.71	<5	<50	313	<1	23	76.2
D64747 (408114)	2	<10	<5	429	<10	<10	<5	0.11	<5	<50	18.5	<1	3	35.5
D64748 (408115)	2	<10	<5	443	<10	<10	<5	0.12	<5	<50	16.4	<1	3	34.6
D64749 (408116)	3	<10	<5	317	<10	<10	<5	0.10	<5	<50	17.5	<1	5	38.1
D64750 (408117)	4	<10	<5	421	<10	<10	<5	0.15	<5	<50	26.8	<1	5	49.1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T500889

PROJECT: AGAT00722

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 01, 2019

DATE RECEIVED: Aug 02, 2019

DATE REPORTED: Aug 21, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
D64751 (408118)	3	<10	<5	412	<10	<10	<5	0.13	<5	<50	24.2	<1	3	43.1
D64752 (408119)	<1	<10	<5	62	<10	<10	<5	<0.01	<5	<50	2.9	1	2	4.4
D64753 (408120)	17	<10	<5	492	<10	<10	<5	0.34	<5	<50	121	<1	11	80.6
D64754 (408121)	3	<10	<5	449	<10	<10	<5	0.15	<5	<50	24.8	<1	3	48.3
D64755 (408122)	3	<10	<5	431	<10	<10	<5	0.13	<5	<50	20.0	<1	3	44.8
D64756 (408123)	3	<10	<5	450	<10	<10	<5	0.15	<5	<50	22.7	<1	3	46.9
D64757 (408124)	3	<10	<5	394	<10	<10	<5	0.12	<5	<50	18.7	<1	4	40.7
D64758 (408125)	3	<10	<5	413	<10	<10	<5	0.13	<5	<50	17.9	<1	4	41.3

Certified By:



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AGAT WORK ORDER: 19T500889

PROJECT: AGAT00722

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ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 01, 2019      DATE RECEIVED: Aug 02, 2019      DATE REPORTED: Aug 21, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D64687 (408054)				46
D64688 (408055)				53
D64689 (408056)				62
D64690 (408057)				53
D64691 (408058)				55
D64692 (408059)				<5
D64693 (408060)				58
D64694 (408061)				81
D64695 (408062)				48
D64696 (408063)				49
D64697 (408064)				46
D64698 (408065)				51
D64699 (408066)				57
D64700 (408067)				42
D64701 (408068)				49
D64702 (408069)				40
D64703 (408070)				60
D64704 (408071)				79
D64705 (408072)				66
D64706 (408073)				86
D64707 (408074)				52
D64708 (408075)				13
D64709 (408076)				79
D64710 (408077)				62
D64711 (408078)				69
D64712 (408079)				<5
D64713 (408080)				53
D64714 (408081)				67
D64715 (408082)				56
D64716 (408083)				69
D64717 (408084)				229
D64718 (408085)				245

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T500889

PROJECT: AGAT00722

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 01, 2019      DATE RECEIVED: Aug 02, 2019      DATE REPORTED: Aug 21, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D64719 (408086)				68
D64720 (408087)				48
D64721 (408088)				46
D64722 (408089)				44
D64723 (408090)				69
D64724 (408091)				67
D64725 (408092)				60
D64726 (408093)				47
D64727 (408094)				153
D64728 (408095)				73
D64729 (408096)				52
D64730 (408097)				82
D64731 (408098)				64
D64732 (408099)				<5
D64733 (408100)				68
D64734 (408101)				69
D64735 (408102)				77
D64736 (408103)				61
D64737 (408104)				48
D64738 (408105)				53
D64739 (408106)				69
D64740 (408107)				34
D64741 (408108)				56
D64742 (408109)				65
D64743 (408110)				67
D64744 (408111)				83
D64745 (408112)				79
D64746 (408113)				52
D64747 (408114)				73
D64748 (408115)				60
D64749 (408116)				73
D64750 (408117)				70

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T500889

PROJECT: AGAT00722

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 01, 2019

DATE RECEIVED: Aug 02, 2019

DATE REPORTED: Aug 21, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D64751 (408118)	69
D64752 (408119)	<5
D64753 (408120)	71
D64754 (408121)	57
D64755 (408122)	58
D64756 (408123)	74
D64757 (408124)	66
D64758 (408125)	68

Comments: RDL - Reported Detection Limit

408054-408125 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T500889

PROJECT: AGAT00722

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 01, 2019

DATE RECEIVED: Aug 02, 2019

DATE REPORTED: Aug 21, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D64687 (408054)		0.003	
D64688 (408055)		0.002	
D64689 (408056)		0.002	
D64690 (408057)		0.002	
D64691 (408058)		0.003	
D64692 (408059)		0.002	
D64693 (408060)		0.002	
D64694 (408061)		0.002	
D64695 (408062)		0.002	
D64696 (408063)		0.002	
D64697 (408064)		0.001	
D64698 (408065)		0.002	
D64699 (408066)		0.002	
D64700 (408067)		0.002	
D64701 (408068)		0.002	
D64702 (408069)		0.002	
D64703 (408070)		0.001	
D64704 (408071)		0.002	
D64705 (408072)		0.002	
D64706 (408073)		0.346	
D64707 (408074)		0.002	
D64708 (408075)		0.002	
D64709 (408076)		0.002	
D64710 (408077)		0.002	
D64711 (408078)		0.002	
D64712 (408079)		0.002	
D64713 (408080)		0.002	
D64714 (408081)		0.002	
D64715 (408082)		0.002	
D64716 (408083)		0.002	
D64717 (408084)		0.003	
D64718 (408085)		0.003	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T500889

PROJECT: AGAT00722

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 01, 2019

DATE RECEIVED: Aug 02, 2019

DATE REPORTED: Aug 21, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D64719 (408086)			0.002
D64720 (408087)			0.002
D64721 (408088)			0.002
D64722 (408089)			0.002
D64723 (408090)			0.002
D64724 (408091)			0.002
D64725 (408092)			0.002
D64726 (408093)			0.547
D64727 (408094)			0.002
D64728 (408095)			0.002
D64729 (408096)			0.002
D64730 (408097)			0.002
D64731 (408098)			0.002
D64732 (408099)			0.002
D64733 (408100)			0.002
D64734 (408101)			0.002
D64735 (408102)			0.002
D64736 (408103)			0.002
D64737 (408104)			0.002
D64738 (408105)			0.002
D64739 (408106)			0.002
D64740 (408107)			0.007
D64741 (408108)			0.002
D64742 (408109)			0.002
D64743 (408110)			0.002
D64744 (408111)			0.002
D64745 (408112)			0.001
D64746 (408113)			0.542
D64747 (408114)			0.002
D64748 (408115)			0.002
D64749 (408116)			0.002
D64750 (408117)			0.002

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T500889

PROJECT: AGAT00722

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 01, 2019

DATE RECEIVED: Aug 02, 2019

DATE REPORTED: Aug 21, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D64751 (408118)			0.002
D64752 (408119)			0.001
D64753 (408120)			0.002
D64754 (408121)			0.002
D64755 (408122)			0.002
D64756 (408123)			0.002
D64757 (408124)			0.002
D64758 (408125)			0.002

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T500889

PROJECT: AGAT00722

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 01, 2019

DATE RECEIVED: Aug 02, 2019

DATE REPORTED: Aug 21, 2019


SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D64687 (408054)		90.00
D64705 (408072)		85.45
D64725 (408092)		85.90
D64745 (408112)		85.55

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	408054	< 0.5	< 0.5	0.0%	408068	< 0.5	< 0.5	0.0%	408079	< 0.5	< 0.5	0.0%	408092	< 0.5	< 0.5	0.0%
Al	408054	7.97	8.06	1.1%	408068	7.84	7.57	3.5%	408079	0.07	0.07	0.0%	408092	7.66	7.82	2.1%
As	408054	< 1	2		408068	< 1	< 1	0.0%	408079	2	3	40.0%	408092	< 1	< 1	0.0%
Ba	408054	448	452	0.9%	408068	648	618	4.7%	408079	16	16	0.0%	408092	528	533	0.9%
Be	408054	0.7	0.7	0.0%	408068	0.7	0.7	0.0%	408079	< 0.5	< 0.5	0.0%	408092	0.74	0.76	2.7%
Bi	408054	< 1	< 1	0.0%	408068	< 1	< 1	0.0%	408079	< 1	< 1	0.0%	408092	< 1	< 1	0.0%
Ca	408054	1.65	1.68	1.8%	408068	1.75	1.69	3.5%	408079	31.3	31.2	0.3%	408092	1.64	1.61	1.8%
Cd	408054	< 0.5	< 0.5	0.0%	408068	< 0.5	< 0.5	0.0%	408079	< 0.5	< 0.5	0.0%	408092	< 0.5	< 0.5	0.0%
Ce	408054	13	14	7.4%	408068	18	18	0.0%	408079	2	2	0.0%	408092	21	20	4.9%
Co	408054	2.12	2.19	3.2%	408068	4.4	4.6	4.4%	408079	< 0.5	0.8		408092	3.8	3.6	5.4%
Cr	408054	237	247	4.1%	408068	156	157	0.6%	408079	12.1	11.4	6.0%	408092	138	135	2.2%
Cu	408054	8.50	9.26	8.6%	408068	15.5	14.7	5.3%	408079	< 0.5	< 0.5	0.0%	408092	10.9	11.7	7.1%
Fe	408054	1.17	1.20	2.5%	408068	1.42	1.37	3.6%	408079	0.10	0.10	0.0%	408092	1.34	1.39	3.7%
Ga	408054	19	18	5.4%	408068	19	20	5.1%	408079	5	5	0.0%	408092	20	20	0.0%
In	408054	< 1	< 1	0.0%	408068	< 1	< 1	0.0%	408079	2	3		408092	< 1	< 1	0.0%
K	408054	1.11	1.12	0.9%	408068	1.32	1.28	3.1%	408079	0.01	0.01	0.0%	408092	1.13	1.16	2.6%
La	408054	8	8	0.0%	408068	10	10	0.0%	408079	< 2	< 2	0.0%	408092	11	11	0.0%
Li	408054	21	21	0.0%	408068	29	28	3.5%	408079	< 1	< 1	0.0%	408092	32	33	3.1%
Mg	408054	0.21	0.22	4.7%	408068	0.467	0.453	3.0%	408079	2.52	2.50	0.8%	408092	0.384	0.403	4.8%
Mn	408054	163	170	4.2%	408068	207	203	2.0%	408079	57	57	0.0%	408092	185	193	4.2%
Mo	408054	16.5	16.9	2.4%	408068	11.8	11.3	4.3%	408079	0.9	< 0.5		408092	7.91	7.96	0.6%
Na	408054	3.92	3.98	1.5%	408068	3.61	3.53	2.2%	408079	0.05	0.05	0.0%	408092	3.81	3.82	0.3%
Ni	408054	4.4	3.9	12.0%	408068	8.76	8.33	5.0%	408079	0.6	< 0.5		408092	7.9	7.4	6.5%
P	408054	243	214	12.7%	408068	298	312	4.6%	408079	80	63	23.8%	408092	272	275	1.1%
Pb	408054	< 20	< 20	0.0%	408068	< 20	< 20	0.0%	408079	< 20	< 20	0.0%	408092	< 20	< 20	0.0%
Rb	408054	< 50	< 50	0.0%	408068	< 50	< 50	0.0%	408079	< 50	< 50	0.0%	408092	< 50	< 50	0.0%
S	408054	0.014	0.016	13.3%	408068	0.02	0.02	0.0%	408079	0.01	0.01	0.0%	408092	0.03	0.03	0.0%
Sb	408054	< 1	< 1	0.0%	408068	< 1	< 1	0.0%	408079	< 1	< 1	0.0%	408092	< 1	< 1	0.0%
Sc	408054	2	2	0.0%	408068	3	3	0.0%	408079	< 1	< 1	0.0%	408092	3	3	0.0%
Se	408054	< 10	< 10	0.0%	408068	< 10	< 10	0.0%	408079	< 10	< 10	0.0%	408092	< 10	< 10	0.0%
Sn	408054	< 5	< 5	0.0%	408068	< 5	< 5	0.0%	408079	< 5	< 5	0.0%	408092	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	408054	411	417	1.4%	408068	457	446	2.4%	408079	71	73	2.8%	408092	420	421	0.2%
Ta	408054	< 10	< 10	0.0%	408068	< 10	< 10	0.0%	408079	< 10	< 10	0.0%	408092	< 10	< 10	0.0%
Te	408054	< 10	< 10	0.0%	408068	< 10	< 10	0.0%	408079	< 10	< 10	0.0%	408092	< 10	< 10	0.0%
Th	408054	< 5	< 5	0.0%	408068	< 5	< 5	0.0%	408079	< 5	< 5	0.0%	408092	< 5	< 5	0.0%
Ti	408054	0.11	0.11	0.0%	408068	0.14	0.14	0.0%	408079	< 0.01	< 0.01	0.0%	408092	0.14	0.14	0.0%
Tl	408054	< 5	< 5	0.0%	408068	< 5	< 5	0.0%	408079	< 5	< 5	0.0%	408092	< 5	< 5	0.0%
U	408054	< 50	< 50	0.0%	408068	< 50	< 50	0.0%	408079	< 50	< 50	0.0%	408092	< 50	< 50	0.0%
V	408054	14.1	13.8	2.2%	408068	24.0	25.5	6.1%	408079	2.0	2.1	4.9%	408092	20.7	20.7	0.0%
W	408054	< 1	< 1	0.0%	408068	< 1	< 1	0.0%	408079	< 1	< 1	0.0%	408092	< 1	< 1	0.0%
Y	408054	2	2	0.0%	408068	4	4	0.0%	408079	2	2	0.0%	408092	3	3	0.0%
Zn	408054	38.7	39.8	2.8%	408068	44.2	41.9	5.3%	408079	3.29	3.21	2.5%	408092	44.4	46.4	4.4%
Zr	408054	46	41	11.5%	408068	49	56	13.3%	408079	< 5	< 5	0.0%	408092	60	59	1.7%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	408104	< 0.5	< 0.5	0.0%	408118	< 0.5	< 0.5	0.0%								
Al	408104	6.59	6.65	0.9%	408118	7.97	8.08	1.4%								
As	408104	5	3		408118	< 1	2									
Ba	408104	932	908	2.6%	408118	509	512	0.6%								
Be	408104	3.1	3.1	0.0%	408118	1.2	1.2	0.0%								
Bi	408104	< 1	< 1	0.0%	408118	< 1	< 1	0.0%								
Ca	408104	3.19	3.29	3.1%	408118	1.67	1.69	1.2%								
Cd	408104	< 0.5	< 0.5	0.0%	408118	< 0.5	< 0.5	0.0%								
Ce	408104	69	62	10.7%	408118	22	21	4.7%								
Co	408104	6.5	6.9	6.0%	408118	3.07	2.99	2.6%								
Cr	408104	146	150	2.7%	408118	67.1	67.0	0.1%								
Cu	408104	4.47	4.66	4.2%	408118	5.8	6.0	3.4%								
Fe	408104	3.46	3.49	0.9%	408118	1.31	1.31	0.0%								
Ga	408104	20	21	4.9%	408118	20	20	0.0%								
In	408104	< 1	< 1	0.0%	408118	< 1	< 1	0.0%								
K	408104	2.30	2.32	0.9%	408118	1.65	1.69	2.4%								
La	408104	29	26	10.9%	408118	11	11	0.0%								
Li	408104	14	14	0.0%	408118	19	20	5.1%								
Mg	408104	1.39	1.35	2.9%	408118	0.34	0.34	0.0%								
Mn	408104	599	594	0.8%	408118	198	199	0.5%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	408104	8.45	7.71	9.2%	408118	10.6	10.3	2.9%								
Na	408104	3.49	3.49	0.0%	408118	3.96	3.91	1.3%								
Ni	408104	26.7	26.9	0.7%	408118	4.6	4.6	0.0%								
P	408104	54	51	5.7%	408118	266	262	1.5%								
Pb	408104	< 20	< 20	0.0%	408118	< 20	< 20	0.0%								
Rb	408104	< 50	< 50	0.0%	408118	< 50	< 50	0.0%								
S	408104	0.033	0.036	8.7%	408118	0.02	0.02	0.0%								
Sb	408104	< 1	< 1	0.0%	408118	< 1	< 1	0.0%								
Sc	408104	15	15	0.0%	408118	3	3	0.0%								
Se	408104	< 10	< 10	0.0%	408118	< 10	< 10	0.0%								
Sn	408104	< 5	< 5	0.0%	408118	< 5	< 5	0.0%								
Sr	408104	218	217	0.5%	408118	412	406	1.5%								
Ta	408104	< 10	< 10	0.0%	408118	< 10	< 10	0.0%								
Te	408104	< 10	< 10	0.0%	408118	< 10	< 10	0.0%								
Th	408104	< 5	< 5	0.0%	408118	< 5	< 5	0.0%								
Ti	408104	0.09	0.09	0.0%	408118	0.13	0.13	0.0%								
Tl	408104	< 5	< 5	0.0%	408118	< 5	< 5	0.0%								
U	408104	< 50	< 50	0.0%	408118	< 50	< 50	0.0%								
V	408104	41.3	40.7	1.5%	408118	24.2	23.4	3.4%								
W	408104	< 1	< 1	0.0%	408118	< 1	< 1	0.0%								
Y	408104	9	9	0.0%	408118	3	3	0.0%								
Zn	408104	15.9	19.3	19.3%	408118	43.1	42.0	2.6%								
Zr	408104	48	47	2.1%	408118	69	67	2.9%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	408054	0.003	0.004	28.6%	408068	0.002	0.002	0.0%	408079	0.002	0.002	0.0%	408092	0.002	0.002	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	408104	0.002	0.002	0.0%	408118	0.002	0.002	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.Till-2)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	11.16	102%	90% - 110%					8.17	8.36	102%	90% - 110%				
As									26	24	91%	90% - 110%				
Ba	340	352	104%	90% - 110%					540	535	99%	90% - 110%				
Be	2.6	2.6	101%	90% - 110%					4.0	3	75%	90% - 110%				
Ca	5.72	5.63	98%	90% - 110%					0.907	0.862	95%	90% - 110%				
Ce	122	111	91%	90% - 110%					98	99	101%	90% - 110%				
Cr	12	10	80%	90% - 110%					60.3	60.6	101%	90% - 110%				
Cu									150	152	101%	90% - 110%				
Fe	4.34	4.24	98%	90% - 110%					3.77	3.73	99%	90% - 110%				
Ga	35	34	98%	90% - 110%												
K	1.37	1.34	98%	90% - 110%												
La	58	55	94%	90% - 110%					44	45	102%	90% - 110%				
Li	37	39	107%	90% - 110%					47	48	102%	90% - 110%				
Mg	0.325	0.305	94%	90% - 110%					1.10	1.07	97%	90% - 110%				
Mn									780	760	97%	90% - 110%				
Mo					14	13	90%	90% - 110%					2.49	2.59	104%	90% - 110%
Na	5.267	5.285	100%	90% - 110%					1.624	1.667	103%	90% - 110%				
Ni									32	31	98%	90% - 110%				
P									750	713	95%	90% - 110%				
Pb									31	25	80%	90% - 110%				
Sc	1.1	0.9	79%	90% - 110%					12	12	103%	90% - 110%				
Sr	1191	1182	99%	90% - 110%					144	152	106%	90% - 110%				
Ti	0.172	0.18	105%	90% - 110%					0.53	0.51	96%	90% - 110%				
V	8	7	89%	90% - 110%					77	78	101%	90% - 110%				
Y	119	122	102%	90% - 110%												
Zn	93	95	102%	90% - 110%					130	121	93%	90% - 110%				
	CRM #5 (ref.WMG-1a)				CRM #6 (ref.SY-4)											
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Ag	3.03	3.26	108%	90% - 110%												
Al	4.75	4.97	105%	90% - 110%	10.95	11.29	103%	90% - 110%								
Ba	216	229	106%	90% - 110%	340	346	102%	90% - 110%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Be					2.6	2.6	99%	90% - 110%								
Ca	10	9	91%	90% - 110%	5.72	5.4	94%	90% - 110%								
Ce					122	124	101%	90% - 110%								
Co	191	180	94%	90% - 110%												
Cr	670	709	106%	90% - 110%												
Cu	7120	7241	102%	90% - 110%												
Fe	12.71	12.08	95%	90% - 110%	4.34	4.17	96%	90% - 110%								
Ga					35	33	94%	90% - 110%								
K	0.1021	0.1025	100%	90% - 110%	1.37	1.39	102%	90% - 110%								
La	8.47	10.04	119%	90% - 110%	58	54	94%	90% - 110%								
Li					37	40	109%	90% - 110%								
Mg	7.41	7.15	97%	90% - 110%	0.325	0.302	93%	90% - 110%								
Na	0.112	0.122	109%	90% - 110%	5.267	5.438	103%	90% - 110%								
Ni	2480	2189	88%	90% - 110%												
P	731	663	91%	90% - 110%												
Sc	21.33	22.26	104%	90% - 110%	1.1	0.8	77%	90% - 110%								
Sr	39	38	98%	90% - 110%	1191	1206	101%	90% - 110%								
Ti	0.419	0.434	104%	90% - 110%	0.172	0.179	104%	90% - 110%								
V	158	162	102%	90% - 110%	8	7	88%	90% - 110%								
Y	12.67	13.53	107%	90% - 110%	119	121	102%	90% - 110%								
Zn	112	109	97%	90% - 110%	93	89	96%	90% - 110%								
Zr	35.7	35.1	98%	90% - 110%												

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP7M)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.27	5.39	102%	90% - 110%	6.87	6.93	101%	90% - 110%	0.725	0.726	100%	90% - 110%	0.562	0.569	101%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00722  
 SAMPLING SITE:

AGAT WORK ORDER: 19T500889  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00723

AGAT WORK ORDER: 19T501538

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Aug 19, 2019

PAGES (INCLUDING COVER): 20

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

**\*NOTES**

VERSION 1: Revised Reports Issued on August 19, 2019. Please note this version supersedes the original version

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.





## Certificate of Analysis

AGAT WORK ORDER: 19T501538

PROJECT: AGAT00723

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 05, 2019      DATE RECEIVED: Aug 05, 2019      DATE REPORTED: Aug 19, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D64647 (413657)		2.38
D64648 (413658)		2.38
D64649 (413659)		2.35
D64650 (413660)		2.25
D64651 (413661)		2.33
D64652 (413662)		0.55
D64653 (413663)		2.87
D64654 (413664)		2.34
D64655 (413665)		2.41
D64656 (413666)		2.27
D64657 (413667)		2.31
D64658 (413668)		2.31
D64659 (413669)		0.81
D64660 (413670)		1.55
D64661 (413671)		2.05
D64662 (413672)		2.31
D64663 (413673)		2.34
D64664 (413674)		2.16
D64665 (413675)		2.36
D64666 (413676)		0.07
D64667 (413677)		2.48
D64668 (413678)		2.27
D64669 (413679)		2.19
D64670 (413680)		2.27
D64671 (413681)		1.99
D64672 (413682)		0.69
D64673 (413683)		2.28
D64674 (413684)		2.24
D64675 (413685)		1.96
D64676 (413686)		2.13
D64677 (413687)		1.06

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T501538

PROJECT: AGAT00723

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 05, 2019

DATE RECEIVED: Aug 05, 2019

DATE REPORTED: Aug 19, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D64678 (413688)		1.06
D64679 (413689)		1.32
D64680 (413690)		2.22
D64681 (413691)		2.81
D64682 (413693)		0.97
D64683 (413694)		3.08
D64684 (413695)		1.50
D64685 (413696)		0.87
D64686 (413697)		0.07

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

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## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 05, 2019	DATE RECEIVED: Aug 05, 2019							DATE REPORTED: Aug 19, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D64647 (413657)	<0.5	7.05	<1	144	0.5	<1	5.77	<0.5	21	18.3	109	3.9	4.47	19	
D64648 (413658)	<0.5	8.81	<1	287	<0.5	<1	3.93	<0.5	25	17.6	110	31.1	4.99	22	
D64649 (413659)	<0.5	8.36	<1	182	1.1	<1	4.94	<0.5	25	15.8	101	54.1	4.32	20	
D64650 (413660)	<0.5	8.13	<1	936	0.8	<1	3.42	<0.5	69	13.1	118	9.0	4.08	20	
D64651 (413661)	<0.5	8.47	<1	332	0.8	<1	4.06	<0.5	37	16.5	101	18.6	4.73	22	
D64652 (413662)	<0.5	0.14	<1	19	<0.5	<1	32.1	<0.5	<1	1.3	10.0	<0.5	0.14	<5	
D64653 (413663)	<0.5	8.28	<1	163	0.7	<1	4.51	<0.5	34	17.8	118	94.3	4.91	21	
D64654 (413664)	<0.5	8.68	<1	290	0.7	<1	4.05	<0.5	35	15.0	105	6.8	4.62	22	
D64655 (413665)	<0.5	9.05	<1	300	1.7	<1	4.01	<0.5	30	15.4	113	10.6	5.05	22	
D64656 (413666)	<0.5	8.85	<1	207	0.7	<1	3.98	<0.5	27	14.1	103	6.9	4.43	21	
D64657 (413667)	<0.5	8.62	<1	429	0.6	<1	3.93	<0.5	39	16.2	120	16.5	4.97	22	
D64658 (413668)	<0.5	8.47	<1	416	0.6	<1	3.88	<0.5	40	16.1	108	16.2	4.86	23	
D64659 (413669)	<0.5	8.01	<1	1510	0.8	<1	2.37	<0.5	67	11.0	130	1.6	3.41	20	
D64660 (413670)	<0.5	8.62	<1	268	0.6	<1	4.01	<0.5	29	15.7	91.7	13.4	4.90	20	
D64661 (413671)	<0.5	7.83	<1	223	0.9	<1	4.11	<0.5	31	13.3	152	11.2	4.10	20	
D64662 (413672)	<0.5	8.55	<1	265	0.5	<1	4.03	<0.5	32	14.9	99.5	11.7	4.74	21	
D64663 (413673)	<0.5	8.65	<1	202	0.7	<1	4.04	<0.5	30	13.9	122	11.9	4.61	22	
D64664 (413674)	<0.5	8.64	<1	201	<0.5	<1	4.00	<0.5	32	14.3	108	7.6	4.90	20	
D64665 (413675)	<0.5	8.13	<1	149	1.3	<1	3.89	<0.5	29	12.7	121	9.4	4.16	21	
D64666 (413676)	<0.5	7.29	<1	141	<0.5	<1	6.95	<0.5	5	41.7	171	152	8.07	18	
D64667 (413677)	<0.5	8.20	<1	120	1.0	<1	4.61	<0.5	29	12.7	101	25.8	4.13	20	
D64668 (413678)	<0.5	8.31	<1	138	1.0	<1	3.93	<0.5	30	16.0	136	84.0	4.45	22	
D64669 (413679)	<0.5	8.30	<1	194	1.3	<1	3.59	<0.5	49	14.1	105	36.1	4.33	21	
D64670 (413680)	<0.5	8.45	<1	162	1.1	<1	3.84	<0.5	29	13.5	128	4.9	4.44	21	
D64671 (413681)	<0.5	8.58	<1	216	1.0	<1	3.84	<0.5	30	13.3	121	1.8	4.39	21	
D64672 (413682)	<0.5	0.07	2	14	<0.5	<1	32.3	<0.5	<1	1.0	8.9	<0.5	0.10	<5	
D64673 (413683)	<0.5	8.32	<1	209	0.9	<1	4.01	<0.5	30	13.0	124	1.0	4.41	21	
D64674 (413684)	<0.5	8.49	<1	239	0.8	<1	3.65	<0.5	31	14.1	115	0.6	4.46	21	
D64675 (413685)	<0.5	8.48	<1	190	0.8	<1	4.29	<0.5	30	13.2	118	0.6	4.46	20	
D64676 (413686)	<0.5	8.04	<1	411	1.4	<1	3.08	<0.5	29	10.7	118	3.4	3.76	20	
D64677 (413687)	<0.5	7.54	<1	281	1.4	<1	2.99	<0.5	31	12.6	133	69.2	4.29	20	
D64678 (413688)	<0.5	7.83	<1	302	1.4	<1	2.97	<0.5	33	13.5	131	67.0	4.39	21	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T501538

PROJECT: AGAT00723

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 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 05, 2019		DATE RECEIVED: Aug 05, 2019						DATE REPORTED: Aug 19, 2019				SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
		0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5
D64679 (413689)		<0.5	8.40	4	1520	1.1	<1	1.84	<0.5	183	4.2	119	15.3	1.37	18
D64680 (413690)		<0.5	8.40	<1	276	0.7	<1	4.59	<0.5	33	17.4	103	21.5	5.05	22
D64681 (413691)		<0.5	8.19	<1	219	0.7	<1	3.87	<0.5	32	13.3	113	3.7	4.24	21
D64682 (413693)		<0.5	7.07	2	1790	1.1	<1	1.30	<0.5	34	2.2	92.2	3.6	0.74	15
D64683 (413694)		<0.5	7.91	<1	460	1.5	<1	3.24	<0.5	49	13.0	113	3.0	4.40	21
D64684 (413695)		<0.5	8.10	<1	579	1.6	<1	3.45	<0.5	52	12.0	109	7.2	4.11	21
D64685 (413696)		<0.5	2.30	<1	498	6.5	<1	10.1	<0.5	233	57.9	281	69.6	9.53	18
D64686 (413697)		<0.5	7.78	<1	194	<0.5	<1	6.68	<0.5	16	41.1	193	110	7.97	20

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CLIENT NAME: GOLDCORP BORDEN LIMITED

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 05, 2019	DATE RECEIVED: Aug 05, 2019					DATE REPORTED: Aug 19, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D64647 (413657)	<1	1.09	13	20	1.46	746	6.5	2.36	33.0	547	<20	<50	0.02	<1	
D64648 (413658)	<1	1.98	14	32	1.27	740	7.0	2.92	23.6	780	<20	<50	0.05	<1	
D64649 (413659)	<1	1.62	15	19	1.16	753	8.4	3.08	19.8	638	<20	<50	0.09	<1	
D64650 (413660)	<1	2.43	42	25	0.91	633	8.6	2.82	17.1	793	<20	<50	0.02	<1	
D64651 (413661)	<1	1.09	20	24	1.03	768	8.6	3.08	18.3	887	<20	<50	0.04	<1	
D64652 (413662)	<1	0.03	2	1	2.35	50	<0.5	0.07	<0.5	83	<20	<50	0.02	<1	
D64653 (413663)	<1	0.79	17	20	1.09	767	8.4	3.04	19.6	822	<20	<50	0.14	<1	
D64654 (413664)	<1	1.03	20	26	1.01	638	9.4	3.30	16.7	794	<20	<50	0.02	<1	
D64655 (413665)	<1	1.36	17	26	1.06	658	7.8	3.46	17.6	833	<20	<50	0.03	<1	
D64656 (413666)	<1	1.02	16	28	0.95	627	9.1	3.37	14.6	831	<20	<50	0.02	<1	
D64657 (413667)	<1	1.44	23	33	1.08	736	8.1	3.04	16.5	865	<20	<50	0.04	<1	
D64658 (413668)	<1	1.40	24	32	1.05	708	9.5	3.10	16.3	891	<20	<50	0.04	<1	
D64659 (413669)	<1	3.21	40	39	0.77	431	9.0	2.54	12.1	929	<20	<50	0.01	<1	
D64660 (413670)	<1	1.34	15	28	1.06	768	8.3	3.18	16.3	907	<20	<50	0.04	<1	
D64661 (413671)	<1	0.88	16	30	0.89	731	14.2	2.81	14.0	776	<20	<50	0.03	<1	
D64662 (413672)	<1	1.15	17	23	0.94	680	8.5	3.13	14.9	862	<20	<50	0.04	<1	
D64663 (413673)	<1	1.29	16	16	0.93	664	8.5	3.24	13.5	856	<20	<50	0.03	<1	
D64664 (413674)	<1	1.11	17	21	0.99	711	9.3	3.11	14.6	834	<20	<50	0.03	<1	
D64665 (413675)	<1	1.12	15	11	0.89	650	9.0	3.15	13.6	762	<20	<50	0.03	<1	
D64666 (413676)	<1	0.20	5	12	4.15	1340	1.4	2.25	83.7	383	<20	<50	0.14	<1	
D64667 (413677)	<1	0.84	15	16	0.90	721	10.0	3.11	12.3	765	<20	<50	0.05	<1	
D64668 (413678)	<1	0.94	16	25	0.92	736	9.8	3.08	13.6	904	<20	<50	0.13	<1	
D64669 (413679)	<1	1.43	26	25	0.94	720	9.2	3.17	14.9	912	<20	<50	0.07	<1	
D64670 (413680)	<1	1.03	15	28	0.93	756	8.3	3.15	12.7	901	<20	<50	0.02	<1	
D64671 (413681)	<1	1.15	16	26	0.90	692	10.4	3.23	13.7	857	<20	<50	0.01	<1	
D64672 (413682)	2	0.02	<2	<1	2.57	51	<0.5	0.04	0.7	86	<20	<50	0.02	1	
D64673 (413683)	<1	1.31	16	20	0.95	719	8.6	3.16	13.3	811	<20	<50	0.03	<1	
D64674 (413684)	<1	1.43	17	30	0.91	688	10.3	3.26	11.9	833	<20	<50	0.02	<1	
D64675 (413685)	<1	1.01	16	23	0.91	772	8.6	3.27	11.7	825	<20	<50	0.01	<1	
D64676 (413686)	<1	1.89	16	34	0.71	567	10.6	3.12	10.0	749	<20	<50	0.02	<1	
D64677 (413687)	<1	1.35	17	32	0.94	713	9.4	2.88	11.8	870	60	<50	0.10	<1	
D64678 (413688)	<1	1.48	18	35	0.96	729	11.7	2.91	11.9	888	58	<50	0.09	<1	

Certified By:



## Certificate of Analysis

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PROJECT: AGAT00723

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 05, 2019

DATE RECEIVED: Aug 05, 2019

DATE REPORTED: Aug 19, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D64679 (413689)		<1	4.45	110	15	0.30	221	9.5	2.93	6.0	396	<20	<50	0.03	<1
D64680 (413690)		<1	1.14	18	16	1.03	844	9.5	3.14	14.9	1000	<20	<50	0.04	<1
D64681 (413691)		<1	1.02	17	24	0.87	723	7.7	3.19	11.5	795	<20	<50	0.02	<1
D64682 (413693)		<1	4.10	20	6	0.12	130	14.2	2.29	2.9	130	<20	<50	0.01	<1
D64683 (413694)		<1	1.85	27	17	0.98	772	7.7	3.17	14.5	1720	<20	<50	0.02	<1
D64684 (413695)		<1	1.92	29	26	0.94	657	9.5	3.48	13.1	1020	<20	<50	0.04	<1
D64685 (413696)		<1	1.98	113	28	6.32	1640	1.5	1.81	219	6016	<20	<50	0.05	<1
D64686 (413697)		<1	0.45	11	11	4.26	1320	1.5	2.38	104	850	<20	<50	0.09	<1

Certified By:



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CLIENT NAME: GOLDCORP BORDEN LIMITED

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 05, 2019	DATE RECEIVED: Aug 05, 2019					DATE REPORTED: Aug 19, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D64647 (413657)	15	<10	<5	169	<10	<10	<5	0.46	<5	<50	134	<1	17	50.9	
D64648 (413658)	16	<10	<5	198	<10	<10	<5	0.64	<5	<50	144	<1	19	57.0	
D64649 (413659)	20	<10	<5	192	<10	<10	<5	0.57	<5	<50	146	<1	18	45.6	
D64650 (413660)	12	<10	<5	204	<10	<10	<5	0.47	<5	<50	96.5	<1	17	47.6	
D64651 (413661)	15	<10	<5	214	<10	<10	<5	0.59	<5	<50	128	<1	24	57.0	
D64652 (413662)	<1	<10	<5	72	<10	<10	<5	0.01	<5	<50	3.4	<1	2	4.9	
D64653 (413663)	16	<10	<5	220	<10	<10	<5	0.62	<5	<50	128	<1	25	58.1	
D64654 (413664)	14	<10	<5	262	<10	<10	<5	0.57	<5	<50	116	<1	19	56.2	
D64655 (413665)	16	<10	<5	255	<10	<10	<5	0.62	<5	<50	134	<1	19	51.9	
D64656 (413666)	13	<10	<5	235	<10	<10	<5	0.59	<5	<50	110	<1	20	47.6	
D64657 (413667)	14	<10	<5	220	<10	<10	<5	0.58	<5	<50	120	<1	19	62.4	
D64658 (413668)	14	<10	<5	215	<10	<10	<5	0.56	<5	<50	124	<1	19	63.0	
D64659 (413669)	9	<10	<5	240	<10	<10	<5	0.42	<5	<50	72.7	<1	12	59.7	
D64660 (413670)	15	<10	<5	202	<10	<10	<5	0.63	<5	<50	118	<1	21	57.3	
D64661 (413671)	14	<10	<5	161	<10	<10	<5	0.51	<5	<50	113	<1	24	43.5	
D64662 (413672)	15	<10	<5	199	<10	<10	<5	0.60	<5	<50	115	<1	23	46.7	
D64663 (413673)	15	<10	<5	222	<10	<10	<5	0.56	<5	<50	118	<1	22	43.3	
D64664 (413674)	15	<10	<5	225	<10	<10	<5	0.62	<5	<50	116	<1	24	43.4	
D64665 (413675)	15	<10	<5	201	<10	<10	<5	0.50	<5	<50	107	<1	21	37.8	
D64666 (413676)	45	<10	<5	114	<10	<10	<5	0.68	<5	<50	304	<1	23	76.5	
D64667 (413677)	15	<10	<5	188	<10	<10	<5	0.55	<5	<50	105	<1	23	40.9	
D64668 (413678)	14	<10	<5	177	<10	<10	<5	0.55	<5	<50	104	<1	25	81.7	
D64669 (413679)	14	<10	<5	175	<10	<10	<5	0.55	<5	<50	102	<1	23	52.0	
D64670 (413680)	14	<10	<5	170	<10	<10	<5	0.57	<5	<50	104	<1	24	47.8	
D64671 (413681)	13	<10	<5	191	<10	<10	<5	0.57	<5	<50	102	<1	22	43.4	
D64672 (413682)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	2.8	<1	2	6.1	
D64673 (413683)	16	<10	<5	203	<10	<10	<5	0.58	<5	<50	114	<1	21	43.9	
D64674 (413684)	14	<10	<5	191	<10	<10	<5	0.56	<5	<50	101	<1	21	48.5	
D64675 (413685)	13	<10	<5	169	<10	<10	<5	0.55	<5	<50	95.5	<1	22	43.9	
D64676 (413686)	13	<10	<5	155	<10	<10	<5	0.44	<5	<50	79.0	<1	19	47.3	
D64677 (413687)	13	<10	<5	129	<10	<10	<5	0.52	<5	<50	87.2	<1	22	192	
D64678 (413688)	13	<10	<5	131	<10	<10	<5	0.54	<5	<50	87.7	<1	23	186	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T501538

PROJECT: AGAT00723

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 05, 2019	DATE RECEIVED: Aug 05, 2019					DATE REPORTED: Aug 19, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Sample ID (AGAT ID)															
D64679 (413689)	4	<10	<5	196	<10	<10	29	0.21	<5	<50	28.5	<1	7	19.0	
D64680 (413690)	17	<10	<5	165	<10	<10	<5	0.65	<5	<50	119	<1	24	54.7	
D64681 (413691)	13	<10	<5	165	<10	<10	<5	0.54	<5	<50	91.9	<1	21	50.9	
D64682 (413693)	2	<10	<5	203	<10	<10	<5	0.06	<5	<50	11.5	<1	6	12.3	
D64683 (413694)	14	<10	<5	221	<10	<10	<5	0.51	<5	<50	102	<1	18	56.9	
D64684 (413695)	18	<10	<5	233	<10	<10	<5	0.51	<5	<50	121	<1	19	46.8	
D64685 (413696)	39	<10	<5	1220	<10	<10	<5	0.86	<5	<50	296	<1	40	81.3	
D64686 (413697)	35	<10	<5	259	<10	<10	<5	0.89	<5	<50	239	<1	23	89.1	

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## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 05, 2019      DATE RECEIVED: Aug 05, 2019      DATE REPORTED: Aug 19, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D64647 (413657)				66
D64648 (413658)				68
D64649 (413659)				53
D64650 (413660)				65
D64651 (413661)				92
D64652 (413662)				<5
D64653 (413663)				69
D64654 (413664)				62
D64655 (413665)				86
D64656 (413666)				79
D64657 (413667)				87
D64658 (413668)				77
D64659 (413669)				66
D64660 (413670)				85
D64661 (413671)				83
D64662 (413672)				98
D64663 (413673)				97
D64664 (413674)				86
D64665 (413675)				77
D64666 (413676)				57
D64667 (413677)				78
D64668 (413678)				84
D64669 (413679)				84
D64670 (413680)				91
D64671 (413681)				90
D64672 (413682)				<5
D64673 (413683)				96
D64674 (413684)				92
D64675 (413685)				79
D64676 (413686)				94
D64677 (413687)				86
D64678 (413688)				86

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## Certificate of Analysis

AGAT WORK ORDER: 19T501538

PROJECT: AGAT00723

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 05, 2019      DATE RECEIVED: Aug 05, 2019      DATE REPORTED: Aug 19, 2019      SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D64679 (413689)	43
D64680 (413690)	66
D64681 (413691)	79
D64682 (413693)	29
D64683 (413694)	79
D64684 (413695)	102
D64685 (413696)	20
D64686 (413697)	91

Comments: RDL - Reported Detection Limit  
 413657-413697 As, Sb values may be low due to digestion losses.  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T501538

PROJECT: AGAT00723

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 05, 2019

DATE RECEIVED: Aug 05, 2019

DATE REPORTED: Aug 19, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D64647 (413657)			0.004
D64648 (413658)			0.006
D64649 (413659)			0.013
D64650 (413660)			0.004
D64651 (413661)			0.021
D64652 (413662)			0.004
D64653 (413663)			0.014
D64654 (413664)			0.004
D64655 (413665)			0.004
D64656 (413666)			0.004
D64657 (413667)			0.016
D64658 (413668)			0.007
D64659 (413669)			0.008
D64660 (413670)			0.006
D64661 (413671)			0.009
D64662 (413672)			0.002
D64663 (413673)			0.002
D64664 (413674)			0.002
D64665 (413675)			0.013
D64666 (413676)			0.549
D64667 (413677)			0.049
D64668 (413678)			0.007
D64669 (413679)			0.005
D64670 (413680)			0.004
D64671 (413681)			0.001
D64672 (413682)			<0.001
D64673 (413683)			0.004
D64674 (413684)			0.004
D64675 (413685)			0.009
D64676 (413686)			0.005
D64677 (413687)			0.028
D64678 (413688)			0.025

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T501538

PROJECT: AGAT00723

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 05, 2019      DATE RECEIVED: Aug 05, 2019      DATE REPORTED: Aug 19, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D64679 (413689)			0.005
D64680 (413690)			0.009
D64681 (413691)			0.003
D64682 (413693)			<0.001
D64683 (413694)			0.014
D64684 (413695)			0.035
D64685 (413696)			0.006
D64686 (413697)			0.332

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T501538

PROJECT: AGAT00723

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 05, 2019

DATE RECEIVED: Aug 05, 2019

DATE REPORTED: Aug 19, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D64647 (413657)		90.22
D64659 (413669)		82.01
D64685 (413696)		88.36

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T501538

PROJECT: AGAT00723

5623 McADAM ROAD  
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CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Aug 05, 2019

DATE RECEIVED: Aug 05, 2019

DATE REPORTED: Aug 19, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL: 0.01
D64647 (413657)	86.13

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	413657	< 0.5	< 0.5	0.0%	413671	< 0.5	< 0.5	0.0%	413682	< 0.5	< 0.5	0.0%	413696	< 0.5	< 0.5	0.0%
Al	413657	7.05	7.61	7.6%	413671	7.83	8.01	2.3%	413682	0.07	0.090	18.2%	413696	2.30	2.27	1.3%
As	413657	< 1	< 1	0.0%	413671	< 1	< 1	0.0%	413682	2	< 1		413696	< 1	< 1	0.0%
Ba	413657	144	152	5.4%	413671	223	234	4.8%	413682	14	15	6.9%	413696	498	508	2.0%
Be	413657	0.5	0.5	0.0%	413671	0.9	0.9	0.0%	413682	< 0.5	< 0.5	0.0%	413696	6.5	7.5	14.3%
Bi	413657	< 1	< 1	0.0%	413671	< 1	< 1	0.0%	413682	< 1	< 1	0.0%	413696	< 1	< 1	0.0%
Ca	413657	5.77	5.03	13.7%	413671	4.11	4.25	3.3%	413682	32.3	31.9	1.2%	413696	10.1	9.96	1.4%
Cd	413657	< 0.5	< 0.5	0.0%	413671	< 0.5	< 0.5	0.0%	413682	< 0.5	< 0.5	0.0%	413696	< 0.5	< 0.5	0.0%
Ce	413657	21	23	9.1%	413671	31	30	3.3%	413682	< 1	2		413696	233	242	3.8%
Co	413657	18.3	18.7	2.2%	413671	13.3	13.2	0.8%	413682	1.0	1.2	18.2%	413696	57.9	60.9	5.1%
Cr	413657	109	117	7.1%	413671	152	150	1.3%	413682	8.9	9.6	7.6%	413696	281	214	27.1%
Cu	413657	3.9	3.4	13.7%	413671	11.2	11.5	2.6%	413682	< 0.5	< 0.5	0.0%	413696	69.6	68.3	1.9%
Fe	413657	4.47	4.88	8.8%	413671	4.10	4.21	2.6%	413682	0.10	0.2	66.7%	413696	9.53	9.66	1.4%
Ga	413657	19	20	5.1%	413671	20	20	0.0%	413682	< 5	< 5	0.0%	413696	18	19	5.4%
In	413657	< 1	< 1	0.0%	413671	< 1	< 1	0.0%	413682	2	2	0.0%	413696	< 1	< 1	0.0%
K	413657	1.09	1.18	7.9%	413671	0.88	0.90	2.2%	413682	0.02	0.03	40.0%	413696	1.98	1.96	1.0%
La	413657	13	13	0.0%	413671	16	16	0.0%	413682	< 2	3		413696	113	113	0.0%
Li	413657	20	22	9.5%	413671	30	31	3.3%	413682	< 1	1		413696	28	27	3.6%
Mg	413657	1.46	1.53	4.7%	413671	0.89	0.91	2.2%	413682	2.57	2.52	2.0%	413696	6.32	6.24	1.3%
Mn	413657	746	806	7.7%	413671	731	743	1.6%	413682	51	64	22.6%	413696	1640	1620	1.2%
Mo	413657	6.5	8.0	20.7%	413671	14.2	14.1	0.7%	413682	< 0.5	< 0.5	0.0%	413696	1.5	1.7	12.5%
Na	413657	2.36	2.53	7.0%	413671	2.81	2.87	2.1%	413682	0.04	0.06		413696	1.81	1.83	1.1%
Ni	413657	33.0	34.9	5.6%	413671	14.0	13.8	1.4%	413682	0.7	0.9	25.0%	413696	219	224	2.3%
P	413657	547	585	6.7%	413671	776	771	0.6%	413682	86	90	4.5%	413696	6016	6217	3.3%
Pb	413657	< 20	< 20	0.0%	413671	< 20	< 20	0.0%	413682	< 20	< 20	0.0%	413696	< 20	< 20	0.0%
Rb	413657	< 50	< 50	0.0%	413671	< 50	< 50	0.0%	413682	< 50	< 50	0.0%	413696	< 50	< 50	0.0%
S	413657	0.02	0.02	0.0%	413671	0.03	0.03	0.0%	413682	0.02	0.02	0.0%	413696	0.05	0.02	
Sb	413657	< 1	< 1	0.0%	413671	< 1	< 1	0.0%	413682	1	< 1		413696	< 1	< 1	0.0%
Sc	413657	15	16	6.5%	413671	14	14	0.0%	413682	< 1	< 1	0.0%	413696	39	38	2.6%
Se	413657	< 10	< 10	0.0%	413671	< 10	< 10	0.0%	413682	< 10	< 10	0.0%	413696	< 10	< 10	0.0%
Sn	413657	< 5	< 5	0.0%	413671	< 5	< 5	0.0%	413682	< 5	< 5	0.0%	413696	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	413657	169	180	6.3%	413671	161	168	4.3%	413682	68	80	16.2%	413696	1220	1220	0.0%
Ta	413657	< 10	< 10	0.0%	413671	< 10	< 10	0.0%	413682	< 10	< 10	0.0%	413696	< 10	< 10	0.0%
Te	413657	< 10	< 10	0.0%	413671	< 10	< 10	0.0%	413682	< 10	< 10	0.0%	413696	< 10	< 10	0.0%
Th	413657	< 5	< 5	0.0%	413671	< 5	< 5	0.0%	413682	< 5	< 5	0.0%	413696	< 5	< 5	0.0%
Ti	413657	0.46	0.50	8.3%	413671	0.51	0.522	1.7%	413682	< 0.01	0.03		413696	0.86	0.61	
Tl	413657	< 5	< 5	0.0%	413671	< 5	< 5	0.0%	413682	< 5	< 5	0.0%	413696	< 5	< 5	0.0%
U	413657	< 50	< 50	0.0%	413671	< 50	< 50	0.0%	413682	< 50	< 50	0.0%	413696	< 50	< 50	0.0%
V	413657	134	146	8.6%	413671	113	113	0.0%	413682	2.8	3.7	27.7%	413696	296	275	7.4%
W	413657	< 1	< 1	0.0%	413671	< 1	< 1	0.0%	413682	< 1	< 1	0.0%	413696	< 1	< 1	0.0%
Y	413657	17	18	5.7%	413671	24	24	0.0%	413682	2	2	0.0%	413696	40	39	2.5%
Zn	413657	50.9	55.1	7.9%	413671	43.5	43.9	0.9%	413682	6.1	5.63	8.0%	413696	81.3	81.6	0.4%
Zr	413657	66	77	15.4%	413671	83	84	1.2%	413682	< 5	< 5	0.0%	413696	20	16	22.2%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	413657	0.004	0.004	0.0%	413671	0.009	0.011		413682	< 0.001	< 0.001	0.0%	413696	0.0060	0.0052	14.3%





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GS5W)				CRM #3 (ref.WMG-1a)				CRM #4 (ref.GTS-2a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag									3.03	3.31	109%	90% - 110%				
Al	10.95	11.18	102%	90% - 110%					4.75	4.92	104%	90% - 110%	6.96	6.97	100%	90% - 110%
As													124	123	99%	90% - 110%
Ba	340	330	97%	90% - 110%					216	212	98%	90% - 110%	186	177	95%	90% - 110%
Be	2.6	2.5	97%	90% - 110%												
Ca	5.72	5.71	100%	90% - 110%					10	9	94%	90% - 110%	4.01	3.87	97%	90% - 110%
Ce	122	110	91%	90% - 110%									24	20	84%	90% - 110%
Co	2.8	2.4	84%	90% - 110%					191	182	95%	90% - 110%	22.1	21.4	97%	90% - 110%
Cr									670	666	99%	90% - 110%				
Cu	7	5	75%	90% - 110%					7120	7110	100%	90% - 110%	88.6	84.7	96%	90% - 110%
Fe	4.34	4.1	95%	90% - 110%					12.71	11.73	92%	90% - 110%	7.56	7.18	95%	90% - 110%
Ga	35	34	98%	90% - 110%												
K	1.37	1.42	104%	90% - 110%					0.1021	0.1058	104%	90% - 110%	2.021	2.019	100%	90% - 110%
La	58	54	94%	90% - 110%					8.47	9.95	117%	90% - 110%				
Li	37	40	108%	90% - 110%												
Mg	0.325	0.303	93%	90% - 110%					7.41	7.07	95%	90% - 110%	2.412	2.34	97%	90% - 110%
Mn													1510	1409	93%	90% - 110%
Mo					2.49	3.06	123%	90% - 110%								
Na	5.267	5.446	103%	90% - 110%					0.112	0.115	103%	90% - 110%	0.617	0.61	99%	90% - 110%
Ni									2480	2127	86%	90% - 110%	77.1	71.2	92%	90% - 110%
P									731	678	93%	90% - 110%	892	873	98%	90% - 110%
S													0.348	0.316	91%	90% - 110%
Sc	1.1	0.9	80%	90% - 110%					21.33	21.81	102%	90% - 110%				
Sr	1191	1213	102%	90% - 110%					39	37	94%	90% - 110%	92.8	89	96%	90% - 110%
Ti	0.172	0.168	98%	90% - 110%					0.419	0.41	98%	90% - 110%				
V	8	7	85%	90% - 110%					158	156	98%	90% - 110%				
Y	119	122	103%	90% - 110%					12.67	13.54	107%	90% - 110%				
Zn	93	95	102%	90% - 110%					112	107	96%	90% - 110%	208	204	98%	90% - 110%
Zr									35.7	35.3	99%	90% - 110%				

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GS5W)				CRM #3 (ref.GSP5G)				CRM #4 (ref.GTS-2a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.83	99%	90% - 110%	5.27	5.18	98%	90% - 110%	0.562	0.577	103%	90% - 110%				

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00723  
 SAMPLING SITE:

AGAT WORK ORDER: 19T501538  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00724

AGAT WORK ORDER: 19T501720

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Aug 22, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T501720

PROJECT: AGAT00724

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 06, 2019      DATE RECEIVED: Aug 06, 2019      DATE REPORTED: Aug 22, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C64423 (415273)		2.10
C64424 (415274)		2.04
C64425 (415275)		1.23
C64426 (415276)		0.07
C64427 (415277)		2.72
C64428 (415278)		2.47
C64429 (415279)		2.31
C64430 (415280)		1.72
C64431 (415281)		0.66
C64432 (415282)		0.66
C64433 (415283)		2.22
C64434 (415284)		1.69
C64435 (415285)		1.05
C64436 (415286)		2.01
C64437 (415287)		1.44
C64438 (415288)		1.44
C64439 (415289)		2.09
C64440 (415290)		2.22
C64441 (415291)		2.96
C64442 (415292)		2.36
C64443 (415293)		2.34
C64444 (415294)		1.93
C64445 (415295)		0.86
C64446 (415296)		0.07
C64447 (415297)		0.81
C64448 (415298)		0.67
C64449 (415299)		3.25
C64450 (415300)		0.73
C64451 (415301)		2.78
C64452 (415302)		0.59
C64453 (415303)		2.91

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T501720

PROJECT: AGAT00724

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 06, 2019

DATE RECEIVED: Aug 06, 2019

DATE REPORTED: Aug 22, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C64454 (415304)		2.14
C64455 (415305)		2.78
C64456 (415306)		1.39
C64457 (415307)		2.86
C64458 (415308)		2.86
C64459 (415309)		2.11
C64460 (415310)		2.51
C64461 (415311)		2.23
C64462 (415312)		2.28
C64463 (415313)		2.36
C64464 (415314)		2.11
C64465 (415315)		2.18
C64466 (415316)		0.07
C64467 (415317)		2.31
C64468 (415318)		2.66
C64469 (415319)		1.41
C64470 (415320)		0.97
C64471 (415321)		2.51
C64472 (415322)		0.70
C64473 (415323)		1.90
C64474 (415324)		1.45
C64475 (415325)		2.17
C64476 (415326)		1.02
C64477 (415327)		2.98
C64478 (415328)		2.98
C64479 (415329)		2.04
C64480 (415330)		2.18
C64481 (415331)		2.40
C64482 (415332)		2.58
C64483 (415333)		2.57
C64484 (415334)		2.55

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T501720

PROJECT: AGAT00724

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 06, 2019

DATE RECEIVED: Aug 06, 2019

DATE REPORTED: Aug 22, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
C64485 (415335)		2.53
C64486 (415336)		0.07
C64487 (415337)		1.33
C64488 (415338)		3.21
C64489 (415339)		2.27
C64490 (415340)		2.18
C64491 (415341)		1.95
C64492 (415342)		0.57
C64493 (415343)		1.21
C64494 (415344)		1.87

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T501720

PROJECT: AGAT00724

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 06, 2019	DATE RECEIVED: Aug 06, 2019							DATE REPORTED: Aug 22, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C64423 (415273)	<0.5	7.83	2	718	0.9	<1	3.70	<0.5	30	18.0	129	29.0	4.16	20	
C64424 (415274)	<0.5	8.38	<1	366	0.5	<1	3.33	<0.5	36	16.1	97.8	44.3	3.55	21	
C64425 (415275)	<0.5	8.27	<1	487	0.6	<1	4.42	<0.5	33	22.4	120	20.5	4.52	21	
C64426 (415276)	<0.5	7.47	<1	152	<0.5	<1	6.92	<0.5	6	42.2	141	162	7.93	20	
C64427 (415277)	<0.5	8.95	<1	929	0.7	<1	3.32	<0.5	46	13.2	72.4	65.2	3.25	23	
C64428 (415278)	<0.5	8.34	<1	766	0.8	<1	3.15	<0.5	32	12.3	71.7	33.4	2.89	22	
C64429 (415279)	<0.5	8.40	<1	256	0.6	<1	3.33	<0.5	21	18.4	61.1	19.9	4.16	20	
C64430 (415280)	<0.5	9.26	<1	330	0.9	<1	4.01	<0.5	28	23.8	109	13.2	3.96	20	
C64431 (415281)	<0.5	8.63	<1	399	0.6	<1	4.48	<0.5	15	31.5	228	21.4	5.31	17	
C64432 (415282)	<0.5	0.22	4	42	<0.5	<1	31.6	<0.5	3	1.0	4.1	<0.5	0.13	7	
C64433 (415283)	<0.5	7.92	<1	380	0.6	<1	3.44	<0.5	16	10.2	54.9	35.6	2.52	20	
C64434 (415284)	<0.5	8.66	<1	243	0.5	<1	3.64	<0.5	20	9.6	63.2	12.0	2.34	22	
C64435 (415285)	<0.5	7.94	<1	164	0.9	<1	5.88	<0.5	36	32.9	190	4.0	5.92	17	
C64436 (415286)	<0.5	6.94	2	396	0.9	<1	2.17	<0.5	61	4.4	66.8	15.8	2.62	18	
C64437 (415287)	<0.5	8.31	<1	67	<0.5	<1	5.67	<0.5	12	37.5	84.3	71.6	8.28	22	
C64438 (415288)	<0.5	8.22	<1	71	<0.5	<1	5.48	<0.5	12	38.3	76.0	63.1	8.08	24	
C64439 (415289)	<0.5	6.92	<1	1140	0.8	<1	1.82	<0.5	38	6.3	44.2	34.4	2.02	17	
C64440 (415290)	<0.5	7.99	<1	389	1.1	<1	3.29	<0.5	56	11.3	72.7	11.1	3.79	19	
C64441 (415291)	<0.5	7.03	<1	361	2.1	<1	2.13	<0.5	60	6.1	71.2	46.5	3.01	18	
C64442 (415292)	0.6	7.11	<1	388	0.8	<1	2.09	<0.5	60	6.0	69.1	16.5	3.04	18	
C64443 (415293)	<0.5	7.08	<1	577	0.6	<1	1.76	<0.5	60	7.6	86.1	2.6	3.26	19	
C64444 (415294)	<0.5	6.67	<1	673	0.9	<1	1.61	<0.5	77	6.3	70.2	31.0	2.97	18	
C64445 (415295)	<0.5	7.15	4	1340	0.8	<1	1.54	<0.5	105	3.4	77.2	19.9	1.48	15	
C64446 (415296)	<0.5	7.65	<1	203	<0.5	<1	6.55	<0.5	17	41.4	159	111	7.74	23	
C64447 (415297)	<0.5	7.63	<1	377	0.9	<1	2.40	<0.5	55	9.4	64.5	21.8	3.68	20	
C64448 (415298)	<0.5	7.71	2	349	1.0	<1	2.04	<0.5	70	4.6	57.6	1.7	2.08	20	
C64449 (415299)	<0.5	7.21	<1	384	0.9	<1	2.45	<0.5	54	6.6	60.2	8.8	2.72	19	
C64450 (415300)	<0.5	7.12	7	3140	0.7	<1	1.06	<0.5	160	2.2	70.8	11.9	0.49	12	
C64451 (415301)	0.5	6.89	<1	416	1.1	<1	1.97	<0.5	55	5.5	61.5	4.9	2.67	18	
C64452 (415302)	<0.5	0.26	4	69	<0.5	<1	31.9	<0.5	5	0.7	6.4	<0.5	0.11	6	
C64453 (415303)	<0.5	7.31	<1	575	0.9	<1	1.78	<0.5	51	6.2	59.0	6.4	2.39	20	
C64454 (415304)	<0.5	6.88	<1	345	1.0	<1	2.55	<0.5	61	4.5	85.1	38.0	2.76	17	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T501720

PROJECT: AGAT00724

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 06, 2019	DATE RECEIVED: Aug 06, 2019							DATE REPORTED: Aug 22, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C64455 (415305)	<0.5	7.00	1	665	1.3	<1	1.64	<0.5	56	4.5	65.4	10.4	2.54	17	
C64456 (415306)	<0.5	3.52	<1	467	2.7	<1	6.33	<0.5	72	62.7	542	108	8.73	23	
C64457 (415307)	<0.5	6.56	1	458	1.2	<1	1.77	<0.5	69	6.0	75.1	11.9	2.99	18	
C64458 (415308)	<0.5	6.56	5	461	1.2	<1	1.86	<0.5	75	6.0	92.2	13.1	3.07	18	
C64459 (415309)	<0.5	6.90	6	606	1.2	<1	1.49	<0.5	64	4.8	73.0	36.1	2.77	17	
C64460 (415310)	0.9	6.46	14	566	1.1	4	1.84	<0.5	94	11.9	124	40.3	3.48	17	
C64461 (415311)	<0.5	6.59	2	418	0.8	<1	1.44	<0.5	53	3.8	74.5	17.5	2.75	16	
C64462 (415312)	<0.5	6.71	<1	404	1.0	<1	1.78	<0.5	57	4.0	90.2	13.1	2.70	17	
C64463 (415313)	0.7	6.83	3	472	0.9	<1	1.69	<0.5	58	4.7	95.6	34.2	2.67	18	
C64464 (415314)	0.6	6.82	2	422	1.0	<1	1.57	<0.5	55	7.0	100	46.3	2.74	18	
C64465 (415315)	0.7	6.97	1	511	0.9	<1	1.75	<0.5	57	7.1	73.0	72.3	3.17	18	
C64466 (415316)	<0.5	7.60	<1	196	<0.5	<1	6.50	<0.5	16	43.4	160	112	7.66	21	
C64467 (415317)	0.8	6.96	<1	495	0.8	<1	1.96	<0.5	53	10.2	98.0	51.1	3.45	19	
C64468 (415318)	<0.5	7.71	<1	613	0.9	<1	4.92	<0.5	28	28.6	182	137	5.16	20	
C64469 (415319)	<0.5	5.24	<1	1910	0.8	<1	9.55	<0.5	201	39.3	170	59.8	7.35	17	
C64470 (415320)	<0.5	7.71	<1	1030	1.4	<1	5.12	<0.5	101	23.1	133	54.5	4.35	21	
C64471 (415321)	<0.5	8.81	<1	958	0.9	<1	4.37	<0.5	24	23.2	105	33.0	4.70	21	
C64472 (415322)	<0.5	0.28	<1	58	<0.5	<1	32.3	<0.5	3	0.8	5.8	<0.5	0.16	7	
C64473 (415323)	<0.5	7.64	<1	761	1.0	<1	3.89	<0.5	40	16.9	151	49.2	3.81	22	
C64474 (415324)	<0.5	8.06	<1	621	1.1	<1	4.08	<0.5	38	7.6	79.9	35.1	3.44	19	
C64475 (415325)	<0.5	9.96	5	7130	0.8	<1	1.37	<0.5	82	4.6	34.1	3.9	1.47	19	
C64476 (415326)	<0.5	7.89	<1	915	1.4	<1	3.83	<0.5	44	11.7	78.4	31.2	3.88	23	
C64477 (415327)	<0.5	7.50	<1	1820	1.2	<1	2.53	<0.5	34	12.3	98.2	17.8	4.17	21	
C64478 (415328)	<0.5	7.40	<1	1770	1.2	<1	2.51	<0.5	31	12.2	107	16.4	4.04	20	
C64479 (415329)	<0.5	9.18	1	2110	2.2	<1	3.38	<0.5	32	20.5	189	12.9	3.73	25	
C64480 (415330)	<0.5	3.54	1	230	4.4	<1	2.75	<0.5	12	79.1	1420	<0.5	7.12	14	
C64481 (415331)	<0.5	2.53	<1	64	<0.5	<1	2.45	<0.5	4	96.4	1860	78.2	7.33	7	
C64482 (415332)	<0.5	2.90	<1	25	<0.5	<1	2.42	<0.5	6	98.3	1850	42.9	7.81	8	
C64483 (415333)	<0.5	3.25	<1	62	<0.5	<1	2.71	<0.5	5	99.3	1710	27.3	8.52	11	
C64484 (415334)	<0.5	3.16	<1	112	<0.5	<1	2.65	<0.5	6	97.5	1690	13.9	8.25	10	
C64485 (415335)	<0.5	3.28	<1	211	4.2	<1	1.38	<0.5	3	101	1970	8.4	8.04	9	
C64486 (415336)	<0.5	7.28	<1	152	<0.5	<1	6.83	<0.5	6	43.5	146	156	7.91	18	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T501720

PROJECT: AGAT00724

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 06, 2019		DATE RECEIVED: Aug 06, 2019						DATE REPORTED: Aug 22, 2019				SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
C64487 (415337)		<0.5	3.84	16	392	2.1	<1	3.56	<0.5	10	70.5	1510	<0.5	8.05	17
C64488 (415338)		<0.5	5.30	6	548	1.0	<1	1.60	<0.5	15	11.2	170	1.8	1.99	18
C64489 (415339)		<0.5	7.59	<1	6070	0.7	<1	0.85	<0.5	4	3.6	63.4	2.6	0.61	13
C64490 (415340)		<0.5	7.38	3	6710	0.7	<1	1.01	<0.5	13	2.8	51.6	2.2	0.43	12
C64491 (415341)		0.7	7.24	2	4740	0.8	<1	1.19	<0.5	9	1.9	73.1	2.0	0.52	12
C64492 (415342)		<0.5	0.18	1	32	<0.5	<1	32.8	<0.5	3	0.8	7.7	<0.5	0.12	8
C64493 (415343)		1.6	8.17	3	1480	1.3	<1	2.18	<0.5	42	3.7	71.1	6.8	2.45	21
C64494 (415344)		0.5	8.07	<1	1060	1.4	<1	2.83	<0.5	67	9.8	103	28.9	3.20	23

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T501720

PROJECT: AGAT00724

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 06, 2019	DATE RECEIVED: Aug 06, 2019					DATE REPORTED: Aug 22, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
C64423 (415273)	<1	1.09	17	18	1.97	839	5.2	4.48	64.8	1920	<20	<50	0.08	<1	
C64424 (415274)	<1	0.74	18	14	1.91	649	7.6	4.07	55.5	665	<20	<50	0.09	<1	
C64425 (415275)	<1	0.83	16	23	2.52	817	5.5	3.41	66.8	794	<20	<50	0.05	<1	
C64426 (415276)	<1	0.21	5	12	4.33	1420	<0.5	2.40	89.3	390	<20	<50	0.16	<1	
C64427 (415277)	<1	1.36	23	24	1.45	512	6.9	3.63	36.9	772	<20	<50	0.12	<1	
C64428 (415278)	<1	1.45	17	19	1.37	508	5.7	3.80	38.7	762	<20	<50	0.06	<1	
C64429 (415279)	<1	0.69	11	11	1.50	735	5.2	4.02	38.3	534	<20	<50	0.04	<1	
C64430 (415280)	<1	1.09	16	29	2.78	792	3.2	4.33	70.4	428	<20	<50	0.03	<1	
C64431 (415281)	<1	1.69	9	30	4.30	1190	3.3	3.34	116	225	<20	<50	0.04	<1	
C64432 (415282)	1	0.05	<2	2	2.45	73	<0.5	0.10	1.1	97	<20	<50	0.03	<1	
C64433 (415283)	<1	0.82	9	10	1.04	517	8.0	3.40	26.6	340	<20	<50	0.05	<1	
C64434 (415284)	<1	1.10	11	16	1.18	381	7.5	3.61	26.6	385	<20	<50	0.02	<1	
C64435 (415285)	<1	0.94	17	14	3.37	1090	4.8	2.76	137	533	<20	<50	0.01	<1	
C64436 (415286)	<1	1.09	29	13	0.60	401	8.9	3.00	4.7	365	<20	<50	0.03	<1	
C64437 (415287)	<1	0.89	7	23	3.35	1480	1.6	3.29	52.2	429	<20	<50	0.10	<1	
C64438 (415288)	<1	0.89	8	24	3.29	1460	1.5	3.26	51.4	444	<20	<50	0.09	<1	
C64439 (415289)	<1	2.41	20	10	0.58	313	7.7	2.58	11.2	222	<20	<50	0.06	<1	
C64440 (415290)	<1	1.25	26	17	1.09	784	8.3	3.41	24.9	452	<20	<50	0.05	<1	
C64441 (415291)	<1	1.23	28	16	0.60	593	11.2	3.10	12.5	364	<20	<50	0.13	<1	
C64442 (415292)	<1	1.30	29	16	0.59	499	9.3	3.08	10.8	383	<20	<50	0.05	<1	
C64443 (415293)	<1	1.63	29	24	0.74	424	11.1	2.92	16.2	427	<20	<50	0.02	<1	
C64444 (415294)	<1	1.70	41	14	0.48	321	9.8	2.92	6.8	493	<20	<50	0.10	<1	
C64445 (415295)	<1	2.44	60	7	0.32	166	15.5	2.95	4.7	395	<20	<50	0.06	<1	
C64446 (415296)	<1	0.45	11	11	4.35	1370	<0.5	2.44	113	869	<20	<50	0.09	<1	
C64447 (415297)	<1	1.34	27	18	0.86	628	8.7	3.09	15.2	465	<20	<50	0.07	<1	
C64448 (415298)	<1	1.27	39	18	0.54	278	8.2	3.41	8.0	310	<20	<50	0.01	<1	
C64449 (415299)	<1	1.06	28	19	0.67	433	7.6	3.05	14.6	396	<20	<50	0.03	<1	
C64450 (415300)	<1	4.30	98	3	0.07	59	16.8	2.38	2.9	329	<20	<50	0.03	2	
C64451 (415301)	<1	1.29	27	16	0.59	433	8.9	3.19	9.7	363	<20	<50	0.02	<1	
C64452 (415302)	2	0.10	3	1	2.56	64	<0.5	0.12	0.5	105	<20	<50	0.02	<1	
C64453 (415303)	<1	1.55	26	17	0.56	403	9.3	3.43	9.9	456	<20	<50	0.02	<1	
C64454 (415304)	<1	1.06	30	12	0.46	612	15.1	3.20	6.5	361	<20	<50	0.12	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T501720

PROJECT: AGAT00724

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 06, 2019

DATE RECEIVED: Aug 06, 2019

DATE REPORTED: Aug 22, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
C64455 (415305)		<1	1.84	28	11	0.42	507	11.3	3.49	8.4	340	<20	<50	0.07	<1
C64456 (415306)		<1	2.34	41	58	8.07	1380	2.5	2.02	431	1490	<20	<50	0.19	<1
C64457 (415307)		<1	1.24	34	8	0.61	573	10.0	3.70	12.3	427	<20	<50	0.13	<1
C64458 (415308)		<1	1.25	36	9	0.70	596	12.6	3.70	14.8	443	<20	<50	0.14	<1
C64459 (415309)		<1	1.53	32	8	0.51	434	10.8	3.53	8.4	369	<20	<50	0.32	<1
C64460 (415310)		<1	2.07	48	8	0.79	540	15.8	3.20	29.7	212	511	<50	0.71	<1
C64461 (415311)		<1	1.25	27	13	0.42	546	12.7	3.20	4.7	344	<20	<50	0.15	<1
C64462 (415312)		<1	1.13	29	10	0.43	441	14.5	3.26	5.1	365	<20	<50	0.11	<1
C64463 (415313)		<1	1.10	30	12	0.46	533	13.3	3.31	4.0	347	<20	<50	0.19	<1
C64464 (415314)		<1	1.30	28	22	0.68	545	15.4	3.61	17.4	375	<20	<50	0.14	<1
C64465 (415315)		<1	1.09	29	15	0.72	576	11.9	3.58	10.8	336	<20	<50	0.20	<1
C64466 (415316)		<1	0.44	12	10	4.34	1370	<0.5	2.37	117	849	<20	<50	0.09	<1
C64467 (415317)		<1	0.88	27	13	1.08	747	10.9	3.41	25.9	420	<20	<50	0.10	<1
C64468 (415318)		<1	1.30	16	27	3.07	1180	6.4	2.68	98.1	689	<20	<50	0.14	<1
C64469 (415319)		<1	3.07	113	35	5.22	1470	1.4	1.31	101	4490	<20	<50	0.17	<1
C64470 (415320)		<1	1.26	54	41	2.99	797	4.3	2.89	99.4	2200	<20	<50	0.07	<1
C64471 (415321)		<1	1.81	14	28	2.03	859	6.7	2.94	60.3	643	<20	<50	0.06	<1
C64472 (415322)		1	0.06	<2	1	2.74	60	<0.5	0.13	1.1	81	<20	<50	0.02	<1
C64473 (415323)		<1	1.77	20	19	2.01	848	5.5	2.69	53.1	848	<20	<50	0.18	<1
C64474 (415324)		<1	0.82	19	11	0.88	992	9.9	3.26	5.5	682	<20	<50	0.18	<1
C64475 (415325)		<1	6.67	48	5	0.21	135	4.1	3.25	4.2	79	<20	<50	0.02	<1
C64476 (415326)		<1	1.33	22	12	1.26	804	7.4	3.58	15.8	840	<20	<50	0.16	<1
C64477 (415327)		<1	1.88	17	18	1.38	723	6.7	3.72	44.3	759	52	<50	0.12	<1
C64478 (415328)		<1	1.82	15	18	1.36	698	7.2	3.70	44.3	750	53	<50	0.11	<1
C64479 (415329)		<1	3.07	17	46	2.26	642	3.2	4.16	148	948	<20	<50	0.11	<1
C64480 (415330)		<1	2.55	7	104	11.3	1280	<0.5	1.67	869	136	<20	<50	0.04	<1
C64481 (415331)		<1	2.06	3	13	13.9	1250	<0.5	1.60	1250	168	<20	<50	0.23	<1
C64482 (415332)		<1	1.61	4	11	14.0	1280	<0.5	1.25	1130	247	<20	<50	0.23	<1
C64483 (415333)		<1	1.43	4	9	14.4	1290	<0.5	1.11	1040	196	<20	<50	0.16	<1
C64484 (415334)		<1	1.63	4	12	15.0	1310	<0.5	1.56	1070	239	<20	<50	0.08	<1
C64485 (415335)		<1	3.07	2	23	14.1	1280	<0.5	1.71	1130	182	20	<50	0.09	<1
C64486 (415336)		<1	0.21	5	12	4.38	1390	<0.5	2.40	88.5	385	<20	<50	0.16	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T501720

PROJECT: AGAT00724

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 06, 2019	DATE RECEIVED: Aug 06, 2019		DATE REPORTED: Aug 22, 2019				SAMPLE TYPE: Drill Core								
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
C64487 (415337)		<1	3.21	4	44	11.3	1840	<0.5	1.19	803	259	<20	<50	0.03	<1
C64488 (415338)		<1	1.47	9	20	1.35	268	11.6	2.36	99.7	41	<20	<50	0.03	<1
C64489 (415339)		2	4.98	3	3	0.19	62	12.2	2.51	10.3	12	<20	<50	0.02	1
C64490 (415340)		5	4.64	7	2	0.07	42	11.0	2.58	4.9	14	<20	<50	0.04	1
C64491 (415341)		4	3.73	5	2	0.06	53	15.7	2.74	4.5	22	<20	<50	0.02	3
C64492 (415342)		<1	0.04	<2	1	1.98	64	<0.5	0.09	0.7	95	<20	<50	0.05	<1
C64493 (415343)		<1	1.37	25	10	0.34	174	9.2	4.00	9.8	178	<20	<50	0.09	<1
C64494 (415344)		<1	1.47	33	21	1.10	509	11.5	3.24	11.2	1180	<20	<50	0.12	<1

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AGAT WORK ORDER: 19T501720

PROJECT: AGAT00724

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 06, 2019	DATE RECEIVED: Aug 06, 2019					DATE REPORTED: Aug 22, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
C64423 (415273)	13	<10	<5	477	<10	<10	<5	0.34	<5	<50	91.6	<1	12	78.1	
C64424 (415274)	12	<10	<5	574	<10	<10	<5	0.31	<5	<50	87.0	<1	10	67.2	
C64425 (415275)	18	<10	<5	567	<10	<10	<5	0.36	<5	<50	120	<1	14	74.9	
C64426 (415276)	46	<10	<5	114	<10	<10	<5	0.69	<5	<50	319	<1	22	80.5	
C64427 (415277)	10	<10	<5	618	<10	<10	<5	0.38	<5	<50	82.2	<1	9	79.8	
C64428 (415278)	9	<10	<5	498	<10	<10	<5	0.24	<5	<50	58.6	<1	8	56.2	
C64429 (415279)	17	<10	<5	350	<10	<10	<5	0.33	<5	<50	102	<1	12	66.4	
C64430 (415280)	19	<10	<5	356	<10	<10	<5	0.26	<5	<50	107	<1	9	65.3	
C64431 (415281)	26	<10	<5	230	<10	<10	<5	0.20	<5	<50	119	<1	7	81.7	
C64432 (415282)	<1	<10	<5	69	<10	<10	<5	0.01	<5	<50	3.9	2	3	2.4	
C64433 (415283)	7	<10	<5	182	<10	<10	<5	0.21	<5	<50	48.9	<1	6	55.0	
C64434 (415284)	8	<10	<5	205	<10	<10	<5	0.22	<5	<50	53.9	<1	6	51.7	
C64435 (415285)	26	<10	<5	134	<10	<10	<5	0.44	<5	<50	151	<1	23	89.7	
C64436 (415286)	9	<10	<5	127	<10	<10	<5	0.25	<5	<50	19.9	<1	25	155	
C64437 (415287)	33	<10	<5	408	<10	<10	<5	0.66	<5	<50	226	<1	22	143	
C64438 (415288)	34	<10	<5	404	<10	<10	<5	0.64	<5	<50	228	<1	23	137	
C64439 (415289)	6	<10	<5	165	<10	<10	<5	0.18	<5	<50	27.2	<1	10	54.7	
C64440 (415290)	14	<10	<5	173	<10	<10	<5	0.33	<5	<50	59.9	<1	27	73.1	
C64441 (415291)	11	<10	<5	144	<10	<10	<5	0.29	<5	<50	31.6	<1	28	57.4	
C64442 (415292)	10	<10	<5	132	<10	<10	<5	0.28	<5	<50	25.4	<1	26	61.4	
C64443 (415293)	11	<10	<5	210	<10	<10	<5	0.31	<5	<50	34.4	<1	22	75.7	
C64444 (415294)	9	<10	<5	197	<10	<10	<5	0.27	<5	<50	30.6	<1	14	72.4	
C64445 (415295)	2	<10	<5	257	<10	<10	5	0.14	<5	<50	11.2	<1	7	35.9	
C64446 (415296)	36	<10	<5	248	<10	<10	<5	0.88	<5	<50	258	<1	23	91.7	
C64447 (415297)	12	<10	<5	135	<10	<10	<5	0.35	<5	<50	49.9	<1	27	85.3	
C64448 (415298)	5	<10	<5	219	<10	<10	<5	0.21	<5	<50	23.0	<1	10	58.2	
C64449 (415299)	9	<10	<5	182	<10	<10	<5	0.28	<5	<50	34.3	<1	22	69.8	
C64450 (415300)	<1	<10	<5	378	<10	<10	25	0.03	<5	<50	4.0	<1	5	5.8	
C64451 (415301)	9	<10	<5	151	<10	<10	<5	0.24	<5	<50	31.5	<1	23	63.7	
C64452 (415302)	<1	<10	<5	72	<10	<10	<5	<0.01	<5	<50	2.8	1	2	1.9	
C64453 (415303)	8	<10	<5	242	<10	<10	<5	0.23	<5	<50	30.8	<1	15	57.1	
C64454 (415304)	9	<10	<5	107	<10	<10	<5	0.26	<5	<50	19.0	<1	30	115	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T501720

PROJECT: AGAT00724

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 06, 2019	DATE RECEIVED: Aug 06, 2019					DATE REPORTED: Aug 22, 2019					SAMPLE TYPE: Drill Core				
Analyte: Unit: RDL:	Sc ppm 1	Se ppm 10	Sn ppm 5	Sr ppm 1	Ta ppm 10	Te ppm 10	Th ppm 5	Ti % 0.01	Tl ppm 5	U ppm 50	V ppm 0.5	W ppm 1	Y ppm 1	Zn ppm 0.5	
Sample ID (AGAT ID)															
C64455 (415305)	9	<10	<5	111	<10	<10	<5	0.21	<5	<50	33.2	<1	20	51.6	
C64456 (415306)	33	<10	<5	620	<10	<10	<5	1.59	<5	<50	305	<1	21	112	
C64457 (415307)	9	<10	<5	163	<10	<10	<5	0.21	<5	<50	26.5	<1	21	51.0	
C64458 (415308)	9	<10	<5	170	<10	<10	<5	0.22	<5	<50	28.4	<1	22	51.1	
C64459 (415309)	8	<10	<5	162	<10	<10	<5	0.20	<5	<50	23.1	<1	19	74.9	
C64460 (415310)	5	<10	<5	176	<10	<10	<5	0.13	<5	<50	20.0	<1	13	38.9	
C64461 (415311)	9	<10	<5	137	<10	<10	<5	0.26	<5	<50	15.5	<1	21	122	
C64462 (415312)	9	<10	<5	119	<10	<10	<5	0.26	<5	<50	17.1	<1	22	26.9	
C64463 (415313)	9	<10	<5	133	<10	<10	<5	0.26	<5	<50	18.2	<1	22	101	
C64464 (415314)	10	<10	<5	153	<10	<10	<5	0.24	<5	<50	26.7	<1	13	76.1	
C64465 (415315)	10	<10	<5	160	<10	<10	<5	0.27	<5	<50	32.2	<1	15	66.2	
C64466 (415316)	36	<10	<5	241	<10	<10	<5	0.86	<5	<50	258	<1	23	92.1	
C64467 (415317)	12	<10	<5	121	<10	<10	<5	0.29	<5	<50	42.3	<1	20	63.4	
C64468 (415318)	24	<10	<5	245	<10	<10	<5	0.38	<5	<50	147	<1	18	139	
C64469 (415319)	19	<10	<5	1200	<10	<10	<5	0.70	<5	<50	183	<1	35	61.9	
C64470 (415320)	17	<10	<5	693	<10	<10	<5	0.37	<5	<50	117	<1	18	73.5	
C64471 (415321)	20	<10	<5	392	<10	<10	<5	0.37	<5	<50	135	<1	13	94.7	
C64472 (415322)	<1	<10	<5	77	<10	<10	<5	0.01	<5	<50	4.0	2	3	4.7	
C64473 (415323)	14	<10	<5	340	<10	<10	<5	0.32	<5	<50	75.2	<1	17	105	
C64474 (415324)	13	<10	<5	415	<10	<10	<5	0.42	<5	<50	41.9	<1	19	83.4	
C64475 (415325)	1	<10	<5	578	<10	<10	8	0.08	<5	<50	22.3	<1	4	19.6	
C64476 (415326)	14	<10	<5	378	<10	<10	<5	0.37	<5	<50	65.2	<1	18	67.0	
C64477 (415327)	10	<10	<5	304	<10	<10	<5	0.25	<5	<50	41.4	<1	10	76.3	
C64478 (415328)	10	<10	<5	302	<10	<10	<5	0.24	<5	<50	41.0	<1	10	72.0	
C64479 (415329)	10	<10	<5	422	<10	<10	<5	0.28	<5	<50	49.6	<1	13	91.6	
C64480 (415330)	19	<10	<5	68	<10	<10	<5	0.18	<5	<50	81.7	<1	21	119	
C64481 (415331)	12	<10	<5	67	<10	<10	<5	0.12	<5	<50	67.3	<1	12	90.1	
C64482 (415332)	14	<10	<5	86	<10	<10	<5	0.16	<5	<50	75.9	<1	11	94.7	
C64483 (415333)	15	<10	<5	102	<10	<10	<5	0.17	<5	<50	77.1	<1	8	90.9	
C64484 (415334)	15	<10	<5	107	<10	<10	<5	0.17	<5	<50	77.5	<1	10	86.9	
C64485 (415335)	17	<10	<5	59	<10	12	<5	0.18	<5	<50	83.5	<1	17	140	
C64486 (415336)	47	<10	<5	111	<10	<10	<5	0.68	<5	<50	310	<1	23	80.1	

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## Certificate of Analysis

AGAT WORK ORDER: 19T501720

PROJECT: AGAT00724

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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 06, 2019

DATE RECEIVED: Aug 06, 2019

DATE REPORTED: Aug 22, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
C64487 (415337)	21	<10	<5	45	<10	<10	<5	0.19	<5	<50	91.9	<1	27	206
C64488 (415338)	4	<10	<5	239	<10	<10	<5	0.13	<5	<50	28.4	<1	5	93.5
C64489 (415339)	<1	<10	<5	456	<10	<10	<5	0.03	<5	<50	5.1	<1	1	9.6
C64490 (415340)	<1	<10	<5	457	<10	<10	<5	<0.01	<5	<50	4.9	<1	1	3.4
C64491 (415341)	<1	<10	<5	444	<10	<10	<5	0.01	<5	<50	5.7	<1	1	4.4
C64492 (415342)	<1	<10	<5	76	<10	<10	<5	0.01	<5	<50	2.2	1	3	4.0
C64493 (415343)	2	<10	<5	462	<10	<10	<5	0.12	<5	<50	38.8	<1	4	43.2
C64494 (415344)	10	<10	<5	587	<10	<10	<5	0.30	<5	<50	60.8	<1	17	79.6

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# Certificate of Analysis

AGAT WORK ORDER: 19T501720

PROJECT: AGAT00724

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 06, 2019

DATE RECEIVED: Aug 06, 2019

DATE REPORTED: Aug 22, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C64423 (415273)				90
C64424 (415274)				96
C64425 (415275)				96
C64426 (415276)				58
C64427 (415277)				110
C64428 (415278)				68
C64429 (415279)				84
C64430 (415280)				89
C64431 (415281)				56
C64432 (415282)				<5
C64433 (415283)				52
C64434 (415284)				57
C64435 (415285)				108
C64436 (415286)				182
C64437 (415287)				52
C64438 (415288)				54
C64439 (415289)				98
C64440 (415290)				148
C64441 (415291)				165
C64442 (415292)				172
C64443 (415293)				179
C64444 (415294)				147
C64445 (415295)				79
C64446 (415296)				98
C64447 (415297)				168
C64448 (415298)				114
C64449 (415299)				135
C64450 (415300)				12
C64451 (415301)				171
C64452 (415302)				<5
C64453 (415303)				133
C64454 (415304)				165

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T501720

PROJECT: AGAT00724

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 06, 2019

DATE RECEIVED: Aug 06, 2019

DATE REPORTED: Aug 22, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
C64455 (415305)			132
C64456 (415306)			222
C64457 (415307)			157
C64458 (415308)			154
C64459 (415309)			145
C64460 (415310)			103
C64461 (415311)			161
C64462 (415312)			158
C64463 (415313)			190
C64464 (415314)			171
C64465 (415315)			192
C64466 (415316)			96
C64467 (415317)			208
C64468 (415318)			106
C64469 (415319)			122
C64470 (415320)			156
C64471 (415321)			86
C64472 (415322)			8
C64473 (415323)			117
C64474 (415324)			34
C64475 (415325)			92
C64476 (415326)			68
C64477 (415327)			44
C64478 (415328)			51
C64479 (415329)			101
C64480 (415330)			95
C64481 (415331)			14
C64482 (415332)			18
C64483 (415333)			17
C64484 (415334)			17
C64485 (415335)			41
C64486 (415336)			56

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T501720

PROJECT: AGAT00724

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 06, 2019

DATE RECEIVED: Aug 06, 2019

DATE REPORTED: Aug 22, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
C64487 (415337)	48
C64488 (415338)	80
C64489 (415339)	62
C64490 (415340)	28
C64491 (415341)	139
C64492 (415342)	5
C64493 (415343)	339
C64494 (415344)	175

Comments: RDL - Reported Detection Limit

415273-415344 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

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## Certificate of Analysis

AGAT WORK ORDER: 19T501720

PROJECT: AGAT00724

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 06, 2019      DATE RECEIVED: Aug 06, 2019      DATE REPORTED: Aug 22, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C64423 (415273)			0.003
C64424 (415274)			0.009
C64425 (415275)			0.003
C64426 (415276)			0.540
C64427 (415277)			0.003
C64428 (415278)			0.003
C64429 (415279)			0.003
C64430 (415280)			0.003
C64431 (415281)			0.003
C64432 (415282)			0.002
C64433 (415283)			0.002
C64434 (415284)			0.002
C64435 (415285)			0.005
C64436 (415286)			0.003
C64437 (415287)			0.003
C64438 (415288)			0.003
C64439 (415289)			0.003
C64440 (415290)			0.003
C64441 (415291)			0.015
C64442 (415292)			0.003
C64443 (415293)			0.003
C64444 (415294)			0.005
C64445 (415295)			0.003
C64446 (415296)			0.349
C64447 (415297)			0.004
C64448 (415298)			0.002
C64449 (415299)			0.003
C64450 (415300)			0.003
C64451 (415301)			0.002
C64452 (415302)			0.002
C64453 (415303)			0.002
C64454 (415304)			0.005

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## Certificate of Analysis

AGAT WORK ORDER: 19T501720

PROJECT: AGAT00724

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 06, 2019      DATE RECEIVED: Aug 06, 2019      DATE REPORTED: Aug 22, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C64455 (415305)			0.003
C64456 (415306)			0.003
C64457 (415307)			0.003
C64458 (415308)			0.003
C64459 (415309)			0.007
C64460 (415310)			0.008
C64461 (415311)			0.005
C64462 (415312)			0.006
C64463 (415313)			0.008
C64464 (415314)			0.018
C64465 (415315)			0.006
C64466 (415316)			0.348
C64467 (415317)			0.005
C64468 (415318)			0.008
C64469 (415319)			0.004
C64470 (415320)			0.004
C64471 (415321)			0.005
C64472 (415322)			0.002
C64473 (415323)			0.007
C64474 (415324)			0.005
C64475 (415325)			0.002
C64476 (415326)			0.005
C64477 (415327)			0.004
C64478 (415328)			0.004
C64479 (415329)			0.004
C64480 (415330)			0.002
C64481 (415331)			0.004
C64482 (415332)			0.004
C64483 (415333)			0.005
C64484 (415334)			0.003
C64485 (415335)			0.003
C64486 (415336)			0.563

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## Certificate of Analysis

AGAT WORK ORDER: 19T501720

PROJECT: AGAT00724

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 06, 2019

DATE RECEIVED: Aug 06, 2019

DATE REPORTED: Aug 22, 2019

SAMPLE TYPE: Drill Core

Analyte:	Unit:	RDL:
Au	ppm	0.001
Sample ID (AGAT ID)		
C64487 (415337)		0.002
C64488 (415338)		0.002
C64489 (415339)		0.002
C64490 (415340)		0.010
C64491 (415341)		0.002
C64492 (415342)		0.002
C64493 (415343)		0.003
C64494 (415344)		0.004

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T501720

PROJECT: AGAT00724

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 FAX (905)501-0589  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill


## Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 06, 2019	DATE RECEIVED: Aug 06, 2019	DATE REPORTED: Aug 22, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

	Analyte:	Pass %
	Unit:	%
Sample ID (AGAT ID)	RDL:	0.01
C64423 (415273)		78.08
C64442 (415292)		87.86
C64454 (415304)		86.64
C64462 (415312)		83.52
C64482 (415332)		81.18

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T501720

PROJECT: AGAT00724

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Aug 06, 2019

DATE RECEIVED: Aug 06, 2019

DATE REPORTED: Aug 22, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
C64423 (415273)		86.71
C64463 (415313)		87.14

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	415273	< 0.5	< 0.5	0.0%	415287	< 0.5	< 0.5	0.0%	415298	< 0.5	< 0.5	0.0%	415312	0.5	0.5	0.0%
Al	415273	7.83	7.40	5.6%	415287	8.31	8.30	0.1%	415298	7.71	7.50	2.8%	415312	6.71	7.07	5.2%
As	415273	2	< 1		415287	< 1	< 1	0.0%	415298	2	3		415312	< 1	2	
Ba	415273	718	648	10.2%	415287	67	67	0.0%	415298	349	353	1.1%	415312	404	419	3.6%
Be	415273	0.91	0.81	11.6%	415287	< 0.5	< 0.5	0.0%	415298	1.0	1.0	0.0%	415312	1.0	1.0	0.0%
Bi	415273	< 1	< 1	0.0%	415287	< 1	< 1	0.0%	415298	< 1	< 1	0.0%	415312	< 1	< 1	0.0%
Ca	415273	3.70	4.08	9.8%	415287	5.67	5.50	3.0%	415298	2.04	2.00	2.0%	415312	1.78	1.84	3.3%
Cd	415273	< 0.5	< 0.5	0.0%	415287	< 0.5	< 0.5	0.0%	415298	< 0.5	< 0.5	0.0%	415312	< 0.5	< 0.5	0.0%
Ce	415273	30	30	0.0%	415287	12	12	0.0%	415298	70	79	12.1%	415312	57	57	0.0%
Co	415273	18.0	20.6	13.5%	415287	37.5	38.0	1.3%	415298	4.6	4.8	4.3%	415312	4.0	3.8	5.1%
Cr	415273	129	96.5	28.8%	415287	84.3	84.1	0.2%	415298	57.6	62.1	7.5%	415312	90.2	103	13.3%
Cu	415273	29.0	31.0	6.7%	415287	71.6	66.8	6.9%	415298	1.7	1.6	6.1%	415312	13.1	14.6	10.8%
Fe	415273	4.16	4.23	1.7%	415287	8.28	8.04	2.9%	415298	2.08	2.06	1.0%	415312	2.70	2.81	4.0%
Ga	415273	20	21	4.9%	415287	22	24	8.7%	415298	20	20	0.0%	415312	17	17	0.0%
In	415273	< 1	< 1	0.0%	415287	< 1	< 1	0.0%	415298	< 1	< 1	0.0%	415312	< 1	< 1	0.0%
K	415273	1.09	1.08	0.9%	415287	0.89	0.89	0.0%	415298	1.27	1.25	1.6%	415312	1.13	1.19	5.2%
La	415273	17	16	6.1%	415287	7	7	0.0%	415298	39	43	9.8%	415312	29	29	0.0%
Li	415273	18	17	5.7%	415287	23	23	0.0%	415298	18	18	0.0%	415312	10	11	9.5%
Mg	415273	1.97	2.14	8.3%	415287	3.35	3.38	0.9%	415298	0.535	0.526	1.7%	415312	0.434	0.458	5.4%
Mn	415273	839	904	7.5%	415287	1480	1480	0.0%	415298	278	274	1.4%	415312	441	463	4.9%
Mo	415273	5.2	5.1	1.9%	415287	1.63	1.83	11.6%	415298	8.2	9.4	13.6%	415312	14.5	14.8	2.0%
Na	415273	4.48	4.31	3.9%	415287	3.29	3.21	2.5%	415298	3.41	3.30	3.3%	415312	3.26	3.37	3.3%
Ni	415273	64.8	74.0	13.3%	415287	52.2	54.3	3.9%	415298	8.01	8.66	7.8%	415312	5.13	5.41	5.3%
P	415273	1920	2400	22.2%	415287	429	443	3.2%	415298	310	326	5.0%	415312	365	370	1.4%
Pb	415273	< 20	< 20	0.0%	415287	< 20	< 20	0.0%	415298	< 20	< 20	0.0%	415312	< 20	< 20	0.0%
Rb	415273	< 50	< 50	0.0%	415287	< 50	< 50	0.0%	415298	< 50	< 50	0.0%	415312	< 50	< 50	0.0%
S	415273	0.08	0.08	0.0%	415287	0.102	0.094	8.2%	415298	0.01	0.01	0.0%	415312	0.109	0.117	7.1%
Sb	415273	< 1	< 1	0.0%	415287	< 1	< 1	0.0%	415298	< 1	< 1	0.0%	415312	< 1	< 1	0.0%
Sc	415273	13	14	7.4%	415287	33	34	3.0%	415298	5	5	0.0%	415312	9	9	0.0%
Se	415273	< 10	< 10	0.0%	415287	< 10	< 10	0.0%	415298	< 10	< 10	0.0%	415312	< 10	< 10	0.0%
Sn	415273	< 5	< 5	0.0%	415287	< 5	< 5	0.0%	415298	< 5	< 5	0.0%	415312	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	415273	477	499	4.5%	415287	408	396	3.0%	415298	219	217	0.9%	415312	119	124	4.1%
Ta	415273	< 10	< 10	0.0%	415287	< 10	< 10	0.0%	415298	< 10	< 10	0.0%	415312	< 10	< 10	0.0%
Te	415273	< 10	< 10	0.0%	415287	< 10	< 10	0.0%	415298	< 10	< 10	0.0%	415312	< 10	< 10	0.0%
Th	415273	< 5	< 5	0.0%	415287	< 5	< 5	0.0%	415298	< 5	< 5	0.0%	415312	< 5	< 5	0.0%
Ti	415273	0.34	0.35	2.9%	415287	0.658	0.642	2.5%	415298	0.21	0.21	0.0%	415312	0.26	0.27	3.8%
Tl	415273	< 5	< 5	0.0%	415287	< 5	< 5	0.0%	415298	< 5	< 5	0.0%	415312	< 5	< 5	0.0%
U	415273	< 50	< 50	0.0%	415287	< 50	< 50	0.0%	415298	< 50	< 50	0.0%	415312	< 50	< 50	0.0%
V	415273	91.6	96.1	4.8%	415287	226	233	3.1%	415298	23.0	23.3	1.3%	415312	17.1	16.8	1.8%
W	415273	< 1	< 1	0.0%	415287	< 1	< 1	0.0%	415298	< 1	< 1	0.0%	415312	< 1	< 1	0.0%
Y	415273	12	14	15.4%	415287	22	22	0.0%	415298	10	10	0.0%	415312	22	22	0.0%
Zn	415273	78.1	81.3	4.0%	415287	143	138	3.6%	415298	58.2	59.4	2.0%	415312	26.9	28.4	5.4%
Zr	415273	90	93	3.3%	415287	52	43	18.9%	415298	114	111	2.7%	415312	158	172	8.5%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	415323	< 0.5	< 0.5	0.0%	415337	< 0.5	< 0.5	0.0%								
Al	415323	7.64	7.82	2.3%	415337	3.84	3.75	2.4%								
As	415323	< 1	< 1	0.0%	415337	16	15	6.5%								
Ba	415323	761	774	1.7%	415337	392	392	0.0%								
Be	415323	1.0	1.0	0.0%	415337	2.1	2.1	0.0%								
Bi	415323	< 1	< 1	0.0%	415337	< 1	< 1	0.0%								
Ca	415323	3.89	4.05	4.0%	415337	3.56	3.50	1.7%								
Cd	415323	< 0.5	< 0.5	0.0%	415337	< 0.5	< 0.5	0.0%								
Ce	415323	40	41	2.5%	415337	10	10	0.0%								
Co	415323	16.9	17.0	0.6%	415337	70.5	69.8	1.0%								
Cr	415323	151	162	7.0%	415337	1510	1350	11.2%								
Cu	415323	49.2	50.7	3.0%	415337	< 0.5	< 0.5	0.0%								
Fe	415323	3.81	4.01	5.1%	415337	8.05	8.00	0.6%								
Ga	415323	22	22	0.0%	415337	17	17	0.0%								
In	415323	< 1	< 1	0.0%	415337	< 1	< 1	0.0%								
K	415323	1.77	1.83	3.3%	415337	3.21	3.14	2.2%								
La	415323	20	20	0.0%	415337	4	4	0.0%								
Li	415323	19	20	5.1%	415337	44	43	2.3%								
Mg	415323	2.01	2.10	4.4%	415337	11.3	11.2	0.9%								
Mn	415323	848	896	5.5%	415337	1840	1790	2.8%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	415323	5.5	5.5	0.0%	415337	< 0.5	< 0.5	0.0%								
Na	415323	2.69	2.74	1.8%	415337	1.19	1.17	1.7%								
Ni	415323	53.1	58.2	9.2%	415337	803	833	3.7%								
P	415323	848	858	1.2%	415337	259	277	6.7%								
Pb	415323	< 20	< 20	0.0%	415337	< 20	< 20	0.0%								
Rb	415323	< 50	< 50	0.0%	415337	< 50	< 50	0.0%								
S	415323	0.18	0.18	0.0%	415337	0.033	0.036	8.7%								
Sb	415323	< 1	< 1	0.0%	415337	< 1	< 1	0.0%								
Sc	415323	14	15	6.9%	415337	21	21	0.0%								
Se	415323	< 10	< 10	0.0%	415337	< 10	< 10	0.0%								
Sn	415323	< 5	< 5	0.0%	415337	< 5	< 5	0.0%								
Sr	415323	340	345	1.5%	415337	45	45	0.0%								
Ta	415323	< 10	< 10	0.0%	415337	< 10	< 10	0.0%								
Te	415323	< 10	< 10	0.0%	415337	< 10	< 10	0.0%								
Th	415323	< 5	< 5	0.0%	415337	< 5	< 5	0.0%								
Ti	415323	0.322	0.336	4.3%	415337	0.19	0.19	0.0%								
Tl	415323	< 5	< 5	0.0%	415337	< 5	< 5	0.0%								
U	415323	< 50	< 50	0.0%	415337	< 50	< 50	0.0%								
V	415323	75.2	79.6	5.7%	415337	91.9	96.2	4.6%								
W	415323	< 1	< 1	0.0%	415337	< 1	< 1	0.0%								
Y	415323	17	18	5.7%	415337	27	27	0.0%								
Zn	415323	105	117	10.8%	415337	206	204	1.0%								
Zr	415323	117	123	5.0%	415337	48	48	0.0%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	415273	0.0034	0.0039	13.7%	415287	0.003	0.003	0.0%	415298	0.002	0.002	0.0%	415312	0.0055	0.0053	3.7%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	415323	0.0072	0.0086	17.7%	415337	0.002	0.002	0.0%								

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GS5W)				CRM #3 (ref.GSP7M)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	3.07	101%	90% - 110%
Al	10.95	11.24	103%	90% - 110%	8.17	8.51	104%	90% - 110%	6.96	7.19	103%	90% - 110%	4.75	4.71	99%	90% - 110%
As					26	26	100%	90% - 110%	124	132	107%	90% - 110%				
Ba	340	341	100%	90% - 110%	540	540	100%	90% - 110%	186	191	103%	90% - 110%	216	219	101%	90% - 110%
Be	2.6	2.6	101%	90% - 110%	4.0	3.1	77%	90% - 110%								
Ca	5.72	5.61	98%	90% - 110%	0.907	0.913	101%	90% - 110%	4.01	3.99	99%	90% - 110%	10	9	94%	90% - 110%
Ce	122	119	97%	90% - 110%	98	95	97%	90% - 110%	24	20	83%	90% - 110%				
Co									22.1	22.2	101%	90% - 110%	191	178	93%	90% - 110%
Cr					60.3	63.3	105%	90% - 110%					670	493	74%	90% - 110%
Cu	7	5	74%	90% - 110%	150	156	104%	90% - 110%	88.6	91.9	104%	90% - 110%	7120	7051	99%	90% - 110%
Fe	4.34	4.02	93%	90% - 110%	3.77	3.61	96%	90% - 110%	7.56	7.31	97%	90% - 110%	12.71	11.68	92%	90% - 110%
Ga	35	34	97%	90% - 110%												
K	1.37	1.49	109%	90% - 110%					2.021	2.099	104%	90% - 110%	0.1021	0.1056	103%	90% - 110%
La	58	56	96%	90% - 110%	44	45	103%	90% - 110%					8.47	9.95	117%	90% - 110%
Li	37	40	108%	90% - 110%	47	49	104%	90% - 110%								
Mg	0.325	0.309	95%	90% - 110%	1.10	1.1	100%	90% - 110%	2.412	2.479	103%	90% - 110%	7.41	7.18	97%	90% - 110%
Mn					780	784	101%	90% - 110%	1510	1517	100%	90% - 110%				
Mo					14	12	84%	90% - 110%								
Na	5.267	5.563	106%	90% - 110%	1.624	1.749	108%	90% - 110%	0.617	0.658	107%	90% - 110%	0.112	0.122	109%	90% - 110%
Ni					32	32	100%	90% - 110%	77.1	75.6	98%	90% - 110%	2480	2129	86%	90% - 110%
P					750	723	96%	90% - 110%	892	899	101%	90% - 110%	731	684	94%	90% - 110%
Pb					31	25	80%	90% - 110%								
S									0.348	0.327	94%	90% - 110%				
Sc	1.1	0.9	80%	90% - 110%	12	12	104%	90% - 110%					21.33	21.84	102%	90% - 110%
Sr	1191	1157	97%	90% - 110%	144	150	104%	90% - 110%	92.8	89.6	97%	90% - 110%	39	36	93%	90% - 110%
Ti	0.172	0.169	98%	90% - 110%	0.53	0.49	92%	90% - 110%					0.419	0.402	96%	90% - 110%
V	8	7	87%	90% - 110%	77	81	105%	90% - 110%					158	154	98%	90% - 110%
Y	119	119	100%	90% - 110%									12.67	13.37	106%	90% - 110%
Zn	93	94	101%	90% - 110%	130	125	96%	90% - 110%	208	215	104%	90% - 110%	112	109	97%	90% - 110%
Zr													35.7	35.3	99%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GS5W)				CRM #3 (ref.GSP7M)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.8	99%	90% - 110%	5.27	5.13	97%	90% - 110%	0.725	0.707	97%	90% - 110%	0.562	0.582	104%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00724  
 SAMPLING SITE:

AGAT WORK ORDER: 19T501720  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00725

AGAT WORK ORDER: 19T502346

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Aug 21, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T502346

PROJECT: AGAT00725

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 07, 2019      DATE RECEIVED: Aug 07, 2019      DATE REPORTED: Aug 21, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C64495 (418752)		1.04
C64496 (418753)		3.39
C64497 (418754)		2.31
C64498 (418755)		2.31
C64499 (418756)		1.30
C64500 (418757)		0.66
C66751 (418758)		2.90
C66752 (418759)		0.64
C66753 (418760)		2.48
C66754 (418761)		1.19
C66755 (418762)		1.07
C66756 (418763)		1.17
C66757 (418764)		1.52
C66758 (418765)		1.52
C66759 (418766)		2.42
C66760 (418767)		1.18
C66761 (418768)		2.10
C66762 (418769)		1.52
C66763 (418770)		2.28
C66764 (418771)		1.14
C66765 (418772)		1.23
C66766 (418773)		0.07
C66767 (418774)		1.99
C66768 (418775)		2.61
C66769 (418776)		2.45
C66770 (418777)		3.65
C66771 (418778)		0.93
C66772 (418779)		0.65
C66773 (418780)		2.43
C66774 (418781)		0.70
C66775 (418782)		1.96

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T502346

PROJECT: AGAT00725

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Aug 07, 2019

DATE RECEIVED: Aug 07, 2019

DATE REPORTED: Aug 21, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C66776 (418783)		2.50
C66777 (418784)		1.26
C66778 (418785)		1.26
C66779 (418786)		1.15
C66780 (418787)		0.69
C66781 (418788)		1.74
C66782 (418789)		2.33
C66783 (418790)		2.39
C66784 (418791)		3.03
C66785 (418792)		1.25
C66786 (418793)		0.07
C66787 (418794)		3.24
C66788 (418795)		2.40
C66789 (418796)		2.39
C66790 (418797)		2.44
C66791 (418798)		1.58
C66792 (418799)		0.73
C66793 (418800)		2.81
C66794 (418801)		1.07
C66795 (418802)		1.22
C66796 (418803)		1.52
C66797 (418804)		2.39
C66798 (418805)		2.39
C66799 (418806)		1.42
C66800 (418807)		3.80
C66801 (418808)		2.38
C66802 (418809)		2.23
C66803 (418810)		2.12
C66804 (418811)		2.56
C66805 (418812)		1.99
C66806 (418813)		0.07

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T502346

PROJECT: AGAT00725

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 07, 2019

DATE RECEIVED: Aug 07, 2019

DATE REPORTED: Aug 21, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
C66807 (418814)		2.78
C66808 (418815)		2.22
C66809 (418816)		2.25
C66810 (418817)		2.48
C66811 (418818)		2.93
C66812 (418819)		0.59
C66813 (418820)		2.67
C66814 (418821)		1.80
C66815 (418822)		1.50
C66816 (418823)		2.61

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T502346

PROJECT: AGAT00725

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 07, 2019	DATE RECEIVED: Aug 07, 2019							DATE REPORTED: Aug 21, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C64495 (418752)	<0.5	4.34	6	494	0.6	<1	1.41	<0.5	246	5.8	183	39.5	2.07	13	
C64496 (418753)	<0.5	8.02	<1	887	1.0	<1	2.64	<0.5	65	10.0	208	79.1	2.75	22	
C64497 (418754)	<0.5	7.67	<1	573	0.9	<1	3.26	<0.5	46	14.4	161	83.5	3.54	20	
C64498 (418755)	<0.5	7.84	<1	591	0.9	<1	3.34	<0.5	45	14.4	184	91.3	3.62	20	
C64499 (418756)	<0.5	8.39	1	460	0.7	<1	4.28	<0.5	33	22.0	138	45.5	4.87	22	
C64500 (418757)	<0.5	8.06	3	5330	0.7	<1	1.68	<0.5	122	7.6	108	13.6	2.42	18	
C66751 (418758)	<0.5	9.33	<1	1040	2.4	<1	4.94	<0.5	84	22.0	121	50.2	5.59	26	
C66752 (418759)	<0.5	0.07	2	15	<0.5	<1	31.5	<0.5	2	0.9	7.8	3.2	0.10	6	
C66753 (418760)	<0.5	8.37	<1	795	2.5	<1	4.21	<0.5	108	21.7	128	67.0	4.94	26	
C66754 (418761)	<0.5	8.41	<1	410	1.4	<1	4.29	<0.5	38	14.8	166	22.4	3.64	21	
C66755 (418762)	<0.5	8.88	<1	607	1.0	<1	4.62	<0.5	31	19.6	134	21.1	4.86	22	
C66756 (418763)	<0.5	8.32	<1	2740	1.0	<1	1.91	<0.5	79	6.4	157	19.6	7.24	27	
C66757 (418764)	<0.5	8.39	<1	895	1.0	<1	2.50	<0.5	55	10.4	118	30.0	2.78	24	
C66758 (418765)	<0.5	8.73	1	919	1.1	<1	2.67	<0.5	55	10.5	117	27.1	2.87	24	
C66759 (418766)	<0.5	7.99	<1	759	1.0	<1	3.63	<0.5	43	13.7	156	53.2	4.05	21	
C66760 (418767)	<0.5	7.98	<1	673	1.4	<1	3.22	<0.5	51	17.9	201	33.4	4.23	22	
C66761 (418768)	<0.5	5.20	<1	417	0.9	<1	3.30	<0.5	17	60.1	980	5.5	6.98	16	
C66762 (418769)	<0.5	7.03	3	6570	0.9	<1	2.63	<0.5	37	4.7	158	4.4	1.56	17	
C66763 (418770)	<0.5	7.38	<1	2960	0.8	<1	1.36	<0.5	13	4.6	131	5.5	2.17	19	
C66764 (418771)	<0.5	8.08	<1	1130	1.1	<1	1.99	<0.5	18	15.4	181	103	3.89	24	
C66765 (418772)	<0.5	5.12	<1	829	0.9	<1	1.38	<0.5	76	9.9	218	70.7	2.60	16	
C66766 (418773)	<0.5	7.71	<1	199	<0.5	<1	6.44	<0.5	16	41.2	183	113	7.88	21	
C66767 (418774)	<0.5	7.20	<1	976	0.8	<1	1.73	<0.5	104	14.9	218	71.3	3.67	21	
C66768 (418775)	<0.5	8.63	<1	578	1.1	<1	3.53	<0.5	40	22.2	157	67.8	4.54	22	
C66769 (418776)	<0.5	7.91	<1	515	1.4	<1	3.56	<0.5	42	16.0	175	29.1	3.82	22	
C66770 (418777)	<0.5	8.33	<1	352	0.9	<1	3.50	1.3	27	16.3	161	15.7	3.82	22	
C66771 (418778)	<0.5	7.43	<1	282	1.2	<1	4.55	6.0	23	22.8	197	37.7	4.32	17	
C66772 (418779)	<0.5	0.14	2	30	<0.5	<1	30.0	<0.5	2	0.8	14.1	<0.5	0.12	6	
C66773 (418780)	<0.5	8.23	<1	522	1.5	<1	4.49	0.7	35	17.8	153	20.2	4.33	21	
C66774 (418781)	<0.5	5.33	<1	538	0.9	<1	1.81	<0.5	42	6.4	166	19.0	2.25	15	
C66775 (418782)	<0.5	8.83	<1	526	1.0	<1	3.39	<0.5	36	11.4	163	35.1	3.23	23	
C66776 (418783)	<0.5	8.05	<1	451	0.9	<1	3.13	0.6	22	15.1	160	62.5	3.50	22	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T502346

PROJECT: AGAT00725

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 07, 2019	DATE RECEIVED: Aug 07, 2019							DATE REPORTED: Aug 21, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C66777 (418784)	<0.5	6.71	1	4070	0.6	<1	1.32	<0.5	12	6.2	104	9.2	1.10	14	
C66778 (418785)	<0.5	6.57	<1	4130	0.6	<1	1.34	<0.5	14	5.7	98.7	9.4	1.04	14	
C66779 (418786)	<0.5	2.69	<1	640	<0.5	<1	5.94	<0.5	61	84.8	749	92.6	9.20	17	
C66780 (418787)	1.6	5.30	<1	4530	2.1	<1	1.31	<0.5	15	14.9	208	18.6	1.88	13	
C66781 (418788)	<0.5	8.18	<1	455	0.6	<1	4.04	<0.5	24	17.2	153	74.4	4.11	21	
C66782 (418789)	<0.5	8.50	<1	376	0.6	<1	3.94	<0.5	23	13.4	146	26.8	3.30	22	
C66783 (418790)	<0.5	8.06	<1	260	0.8	<1	4.03	<0.5	18	15.0	180	25.3	3.41	21	
C66784 (418791)	<0.5	8.65	<1	294	0.7	<1	4.34	<0.5	21	17.8	187	28.5	4.26	22	
C66785 (418792)	<0.5	8.23	<1	136	<0.5	<1	7.10	<0.5	4	43.7	288	117	8.05	21	
C66786 (418793)	<0.5	7.49	<1	150	<0.5	<1	6.86	<0.5	6	45.4	192	162	8.15	21	
C66787 (418794)	<0.5	8.03	<1	223	<0.5	<1	3.56	<0.5	22	17.9	138	40.0	3.88	22	
C66788 (418795)	<0.5	7.81	<1	291	0.6	<1	4.10	<0.5	20	21.7	175	40.8	4.62	21	
C66789 (418796)	<0.5	8.52	<1	318	0.7	<1	3.53	<0.5	23	18.3	132	58.7	4.31	23	
C66790 (418797)	<0.5	8.07	<1	289	0.6	<1	3.27	<0.5	23	19.4	154	50.8	4.49	21	
C66791 (418798)	<0.5	7.70	3	260	0.5	<1	3.52	<0.5	28	20.3	204	56.2	4.54	20	
C66792 (418799)	<0.5	0.11	2	19	<0.5	<1	32.1	<0.5	3	0.7	13.9	<0.5	0.11	6	
C66793 (418800)	<0.5	8.69	<1	923	1.0	<1	3.63	<0.5	28	15.1	149	16.5	3.82	21	
C66794 (418801)	<0.5	5.26	23	433	1.2	<1	4.59	<0.5	22	34.7	220	48.4	5.88	18	
C66795 (418802)	<0.5	7.95	<1	540	1.1	<1	3.83	<0.5	29	18.4	168	45.0	4.36	21	
C66796 (418803)	<0.5	8.38	<1	155	0.5	<1	5.39	<0.5	26	30.7	205	17.5	5.58	17	
C66797 (418804)	<0.5	6.65	<1	460	3.3	<1	4.27	<0.5	62	32.6	527	90.9	4.85	19	
C66798 (418805)	<0.5	6.71	<1	461	4.6	<1	4.27	<0.5	61	32.2	521	90.5	4.93	18	
C66799 (418806)	<0.5	7.12	<1	434	0.8	<1	3.34	<0.5	42	14.7	254	52.2	3.50	20	
C66800 (418807)	<0.5	8.16	<1	486	0.7	<1	3.63	<0.5	30	19.0	148	22.4	4.18	22	
C66801 (418808)	<0.5	8.64	<1	477	<0.5	<1	4.70	<0.5	23	26.1	151	46.1	5.15	22	
C66802 (418809)	<0.5	8.58	<1	69	<0.5	<1	4.73	<0.5	23	27.4	158	94.5	5.49	22	
C66803 (418810)	<0.5	8.09	<1	451	0.7	<1	3.32	<0.5	28	13.1	136	21.2	3.04	23	
C66804 (418811)	<0.5	8.42	<1	812	1.2	<1	3.03	<0.5	128	14.1	152	37.2	3.57	25	
C66805 (418812)	<0.5	8.03	<1	621	1.0	<1	2.96	<0.5	55	11.5	149	26.0	2.92	23	
C66806 (418813)	<0.5	7.43	<1	194	<0.5	<1	6.21	<0.5	18	41.9	193	109	7.59	22	
C66807 (418814)	<0.5	8.02	<1	944	1.0	<1	2.74	<0.5	32	10.8	133	13.7	2.69	23	
C66808 (418815)	<0.5	8.49	3	543	1.1	<1	2.76	<0.5	56	10.4	119	24.3	2.62	24	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T502346

PROJECT: AGAT00725

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 07, 2019		DATE RECEIVED: Aug 07, 2019						DATE REPORTED: Aug 21, 2019				SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
		0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5
C66809 (418816)		<0.5	8.15	<1	499	1.0	<1	2.02	<0.5	22	7.0	90.6	2.9	1.72	23
C66810 (418817)		<0.5	8.03	<1	415	1.0	<1	2.35	<0.5	29	8.4	117	46.5	2.18	23
C66811 (418818)		<0.5	8.37	<1	479	0.9	<1	2.89	<0.5	32	10.2	118	28.4	2.87	22
C66812 (418819)		<0.5	0.15	2	30	<0.5	<1	30.2	<0.5	3	0.9	12.1	<0.5	0.12	7
C66813 (418820)		<0.5	7.26	<1	1610	0.8	<1	1.28	<0.5	35	2.2	91.9	6.8	2.06	17
C66814 (418821)		<0.5	8.31	<1	511	1.0	<1	1.95	<0.5	24	5.8	95.0	5.1	1.73	24
C66815 (418822)		<0.5	6.96	<1	1470	0.7	<1	1.22	<0.5	53	2.1	87.4	3.3	1.11	16
C66816 (418823)		0.6	6.92	2	1590	0.8	<1	1.22	<0.5	38	1.8	89.9	3.8	1.20	16

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 07, 2019	DATE RECEIVED: Aug 07, 2019					DATE REPORTED: Aug 21, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
C64495 (418752)	<1	0.80	147	13	0.60	250	18.8	1.88	33.6	153	<20	<50	0.07	<1	
C64496 (418753)	<1	1.39	35	19	1.03	411	15.7	3.44	27.8	612	<20	<50	0.13	<1	
C64497 (418754)	<1	1.14	24	19	1.29	623	9.7	3.10	38.4	498	<20	<50	0.15	<1	
C64498 (418755)	<1	1.17	23	19	1.30	635	14.0	3.23	37.7	516	<20	<50	0.14	<1	
C64499 (418756)	<1	1.07	17	25	1.75	861	7.6	3.39	57.4	584	<20	<50	0.17	<1	
C64500 (418757)	<1	4.35	71	7	0.36	233	12.4	2.63	13.4	186	<20	<50	0.08	<1	
C66751 (418758)	<1	1.67	40	33	2.37	1000	6.4	3.01	34.8	1970	<20	<50	0.23	<1	
C66752 (418759)	2	0.01	<2	<1	2.89	56	<0.5	0.04	2.6	76	<20	<50	0.03	<1	
C66753 (418760)	<1	1.47	51	24	2.29	890	7.6	3.03	18.1	2510	<20	<50	0.23	<1	
C66754 (418761)	<1	0.83	20	15	1.40	875	12.9	3.38	34.5	1120	<20	<50	0.06	<1	
C66755 (418762)	<1	1.28	17	26	1.84	1070	7.1	3.36	53.2	704	<20	<50	0.06	<1	
C66756 (418763)	<1	2.58	50	5	0.09	316	17.1	3.41	12.1	152	<20	<50	0.02	<1	
C66757 (418764)	<1	1.60	30	29	0.86	332	11.6	3.39	21.6	674	<20	<50	0.11	<1	
C66758 (418765)	<1	1.65	29	29	0.90	350	9.9	3.50	20.6	671	<20	<50	0.12	<1	
C66759 (418766)	<1	1.30	22	19	1.25	1000	10.2	3.02	30.6	639	<20	<50	0.23	<1	
C66760 (418767)	<1	1.61	26	25	1.98	875	11.3	3.03	59.4	1130	<20	<50	0.13	<1	
C66761 (418768)	<1	3.53	9	51	8.33	1370	4.7	1.31	567	397	<20	<50	0.04	<1	
C66762 (418769)	<1	2.61	18	4	0.92	356	11.6	3.53	14.5	171	<20	<50	0.14	<1	
C66763 (418770)	<1	3.10	8	8	0.40	207	12.9	2.98	18.4	22	<20	<50	0.06	<1	
C66764 (418771)	<1	1.80	13	22	0.96	299	14.5	3.33	62.4	81	<20	<50	0.43	<1	
C66765 (418772)	<1	1.03	45	13	0.75	227	18.6	2.12	25.9	397	<20	<50	0.31	<1	
C66766 (418773)	<1	0.46	11	11	4.28	1360	0.6	2.49	106	809	<20	<50	0.09	<1	
C66767 (418774)	<1	1.77	63	22	1.16	322	18.2	2.75	54.1	250	<20	<50	0.37	<1	
C66768 (418775)	<1	1.70	23	21	2.07	755	15.8	3.24	58.4	781	<20	<50	0.40	<1	
C66769 (418776)	<1	1.22	22	17	1.41	854	14.7	2.95	32.5	862	<20	<50	0.28	<1	
C66770 (418777)	<1	1.58	15	21	1.38	1120	13.9	2.77	36.2	562	<20	<50	0.38	<1	
C66771 (418778)	<1	1.85	12	16	1.30	2150	50.5	2.04	45.3	712	<20	<50	0.70	<1	
C66772 (418779)	3	0.05	<2	1	2.43	63	1.0	0.06	<0.5	82	<20	<50	0.03	<1	
C66773 (418780)	<1	1.44	18	15	1.70	1310	12.8	2.70	43.3	825	<20	<50	0.27	<1	
C66774 (418781)	<1	1.10	22	17	0.62	314	18.1	1.98	7.7	605	<20	<50	0.16	<1	
C66775 (418782)	<1	1.24	20	22	1.00	605	16.0	3.35	22.1	488	<20	<50	0.25	<1	
C66776 (418783)	<1	1.09	12	23	1.03	835	13.7	3.04	29.3	428	<20	<50	0.32	<1	

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AGAT WORK ORDER: 19T502346

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 07, 2019

DATE RECEIVED: Aug 07, 2019

DATE REPORTED: Aug 21, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
C66777 (418784)		<1	4.12	8	27	0.43	161	14.0	2.12	32.1	88	<20	<50	0.08	<1
C66778 (418785)		<1	4.18	9	26	0.42	158	12.7	2.17	29.8	78	<20	<50	0.09	<1
C66779 (418786)		<1	1.23	33	16	12.7	1300	<0.5	0.88	771	1170	<20	<50	0.12	<1
C66780 (418787)		<1	4.59	8	63	1.83	267	12.8	1.59	113	313	<20	<50	0.04	<1
C66781 (418788)		<1	0.95	13	15	1.43	853	12.6	3.07	41.6	514	<20	<50	0.36	<1
C66782 (418789)		<1	1.02	12	18	1.02	606	11.2	3.08	27.2	451	<20	<50	0.12	<1
C66783 (418790)		<1	0.90	10	20	1.12	588	13.6	2.78	37.5	423	<20	<50	0.09	<1
C66784 (418791)		<1	0.98	11	26	1.54	706	12.0	3.11	36.7	515	<20	<50	0.08	<1
C66785 (418792)		<1	0.76	4	20	4.33	1360	5.9	2.26	105	230	<20	<50	0.24	<1
C66786 (418793)		<1	0.22	5	13	4.35	1430	<0.5	2.42	94.7	426	<20	<50	0.16	<1
C66787 (418794)		<1	0.85	12	18	1.40	633	8.0	3.40	35.3	535	<20	<50	0.12	<1
C66788 (418795)		<1	1.06	10	15	1.87	814	9.8	3.10	68.6	496	<20	<50	0.15	<1
C66789 (418796)		<1	1.31	12	22	1.42	764	11.6	3.62	35.3	571	<20	<50	0.25	<1
C66790 (418797)		<1	0.98	12	14	1.49	808	31.9	3.67	38.2	501	<20	<50	0.22	<1
C66791 (418798)		<1	0.76	12	12	1.68	795	28.0	3.79	48.8	1210	27	<50	0.22	<1
C66792 (418799)		1	0.03	<2	1	1.89	58	0.7	0.07	1.1	90	<20	<50	0.06	<1
C66793 (418800)		<1	1.78	15	16	1.37	604	10.8	3.46	30.9	465	<20	<50	0.05	<1
C66794 (418801)		<1	3.11	12	65	3.95	1030	5.8	2.24	223	3730	<20	<50	0.07	<1
C66795 (418802)		<1	1.21	15	21	1.64	784	10.0	3.32	39.1	578	<20	<50	0.11	<1
C66796 (418803)		<1	0.47	11	14	3.75	1050	5.6	3.53	50.6	749	<20	<50	0.06	<1
C66797 (418804)		<1	1.31	25	20	4.40	1070	6.9	2.43	155	751	<20	<50	0.29	<1
C66798 (418805)		<1	1.31	25	20	4.48	1080	8.6	2.41	153	751	<20	<50	0.30	<1
C66799 (418806)		<1	1.32	19	15	1.51	1150	12.4	2.62	53.4	467	<20	<50	0.16	<1
C66800 (418807)		<1	1.32	15	25	1.69	669	8.5	3.29	41.7	598	<20	<50	0.06	<1
C66801 (418808)		<1	0.98	11	24	2.23	852	6.5	3.35	56.4	597	<20	<50	0.09	<1
C66802 (418809)		<1	0.66	12	19	2.17	906	8.9	3.44	59.9	502	<20	<50	0.17	<1
C66803 (418810)		<1	1.30	14	16	1.20	441	9.1	3.51	31.0	595	<20	<50	0.07	<1
C66804 (418811)		<1	1.67	65	25	1.33	471	9.2	3.69	33.7	1190	<20	<50	0.21	<1
C66805 (418812)		<1	1.41	27	17	1.12	429	11.8	3.73	28.5	807	<20	<50	0.16	<1
C66806 (418813)		<1	0.45	11	10	4.16	1310	0.6	2.37	108	873	<20	<50	0.10	<1
C66807 (418814)		<1	2.17	16	20	1.07	403	11.1	3.48	23.8	584	<20	<50	0.08	<1
C66808 (418815)		<1	1.36	27	18	0.97	393	9.6	3.88	25.2	641	<20	<50	0.15	<1

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## Certificate of Analysis

AGAT WORK ORDER: 19T502346

PROJECT: AGAT00725

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 07, 2019	DATE RECEIVED: Aug 07, 2019					DATE REPORTED: Aug 21, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
C66809 (418816)	<1	1.48	11	25	0.61	221	12.9	3.80	14.5	413	<20	<50	0.02	<1	
C66810 (418817)	<1	1.40	14	23	0.74	305	11.5	3.55	18.0	497	<20	<50	0.16	<1	
C66811 (418818)	<1	1.26	16	25	1.00	415	12.3	3.64	21.1	566	<20	<50	0.10	<1	
C66812 (418819)	2	0.05	<2	1	2.87	53	0.8	0.07	0.7	89	<20	<50	0.04	<1	
C66813 (418820)	<1	3.40	20	3	0.09	85	13.9	2.90	16.3	60	<20	<50	0.03	<1	
C66814 (418821)	<1	1.86	12	28	0.59	192	13.5	3.72	14.1	383	<20	<50	0.02	<1	
C66815 (418822)	<1	3.26	28	7	0.18	98	12.9	2.71	3.3	87	<20	<50	0.02	<1	
C66816 (418823)	<1	3.11	22	4	0.11	74	15.4	2.90	2.6	25	<20	<50	0.01	<1	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T502346

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 07, 2019

DATE RECEIVED: Aug 07, 2019

DATE REPORTED: Aug 21, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
C64495 (418752)	3	<10	<5	250	<10	<10	10	0.17	<5	<50	28.4	<1	6	51.8
C64496 (418753)	7	<10	<5	492	<10	<10	<5	0.26	<5	<50	45.7	<1	9	69.9
C64497 (418754)	13	<10	<5	359	<10	<10	<5	0.30	<5	<50	75.7	<1	15	79.1
C64498 (418755)	13	<10	<5	377	<10	<10	<5	0.30	<5	<50	75.1	<1	15	75.6
C64499 (418756)	20	<10	<5	324	<10	<10	<5	0.39	<5	<50	133	<1	14	114
C64500 (418757)	4	<10	<5	509	<10	<10	<5	0.12	<5	<50	55.2	<1	5	47.2
C66751 (418758)	21	<10	<5	1150	<10	<10	<5	0.49	<5	<50	138	<1	24	114
C66752 (418759)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	5.6
C66753 (418760)	18	<10	<5	1340	<10	<10	<5	0.44	<5	<50	129	<1	27	103
C66754 (418761)	15	<10	<5	479	<10	<10	<5	0.30	<5	<50	93.0	<1	15	81.1
C66755 (418762)	21	<10	<5	364	<10	<10	<5	0.41	<5	<50	132	<1	15	110
C66756 (418763)	1	<10	<5	518	<10	<10	<5	0.20	<5	<50	127	<1	2	83.7
C66757 (418764)	6	<10	<5	541	<10	<10	<5	0.33	<5	<50	60.3	<1	8	86.5
C66758 (418765)	6	<10	<5	556	<10	<10	<5	0.34	<5	<50	58.2	<1	7	87.1
C66759 (418766)	13	<10	<5	342	<10	<10	<5	0.37	<5	<50	76.5	<1	20	109
C66760 (418767)	15	<10	<5	580	<10	<10	<5	0.34	<5	<50	98.4	<1	15	89.8
C66761 (418768)	17	<10	<5	149	<10	<10	<5	0.26	<5	<50	87.6	<1	16	160
C66762 (418769)	5	<10	<5	518	<10	<10	<5	0.02	<5	<50	9.9	<1	4	22.9
C66763 (418770)	2	<10	<5	401	<10	<10	<5	0.14	<5	<50	33.0	<1	2	44.8
C66764 (418771)	4	<10	<5	418	<10	<10	<5	0.35	<5	<50	43.3	<1	2	104
C66765 (418772)	4	<10	<5	238	<10	<10	<5	0.19	<5	<50	42.0	<1	6	87.6
C66766 (418773)	34	<10	<5	254	<10	<10	<5	0.88	<5	<50	236	<1	22	91.6
C66767 (418774)	6	<10	<5	325	<10	<10	<5	0.31	<5	<50	55.3	<1	4	135
C66768 (418775)	17	<10	<5	348	<10	<10	<5	0.31	<5	<50	108	<1	12	147
C66769 (418776)	14	<10	<5	456	<10	<10	<5	0.29	<5	<50	90.6	<1	14	171
C66770 (418777)	12	<10	<5	288	<10	<10	<5	0.32	<5	<50	87.9	<1	10	632
C66771 (418778)	16	<10	<5	178	<10	<10	<5	0.29	<5	<50	107	<1	22	1850
C66772 (418779)	<1	<10	<5	65	<10	<10	<5	<0.01	<5	<50	2.0	<1	2	4.6
C66773 (418780)	18	<10	<5	472	<10	<10	<5	0.37	<5	<50	122	<1	15	437
C66774 (418781)	5	<10	<5	322	<10	<10	<5	0.21	<5	<50	36.7	<1	8	211
C66775 (418782)	8	<10	<5	395	<10	<10	<5	0.33	<5	<50	66.3	<1	7	291
C66776 (418783)	11	<10	<5	266	<10	<10	<5	0.28	<5	<50	78.3	<1	8	430

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T502346

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 07, 2019

DATE RECEIVED: Aug 07, 2019

DATE REPORTED: Aug 21, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
C66777 (418784)	2	<10	<5	375	<10	<10	<5	0.12	<5	<50	17.8	<1	3	75.4
C66778 (418785)	2	<10	<5	381	<10	<10	<5	0.12	<5	<50	15.8	<1	3	78.7
C66779 (418786)	20	<10	<5	542	<10	<10	<5	1.33	<5	<50	150	<1	17	92.2
C66780 (418787)	4	<10	<5	398	<10	<10	<5	0.33	<5	<50	38.9	<1	8	100
C66781 (418788)	14	<10	<5	280	<10	<10	<5	0.36	<5	<50	94.1	<1	11	113
C66782 (418789)	11	<10	<5	295	<10	<10	<5	0.29	<5	<50	75.5	<1	9	85.3
C66783 (418790)	12	<10	<5	232	<10	<10	<5	0.28	<5	<50	81.0	<1	9	78.9
C66784 (418791)	16	<10	<5	214	<10	<10	<5	0.35	<5	<50	98.4	<1	12	113
C66785 (418792)	39	<10	<5	186	<10	<10	<5	0.50	<5	<50	252	<1	18	92.9
C66786 (418793)	47	<10	<5	117	<10	<10	<5	0.69	<5	<50	324	<1	23	82.1
C66787 (418794)	14	<10	<5	194	<10	<10	<5	0.33	<5	<50	92.5	<1	11	116
C66788 (418795)	16	<10	<5	208	<10	<10	<5	0.32	<5	<50	102	<1	13	74.0
C66789 (418796)	15	<10	<5	265	<10	<10	<5	0.34	<5	<50	92.9	<1	12	75.3
C66790 (418797)	16	<10	<5	229	<10	<10	<5	0.32	<5	<50	97.9	<1	12	71.0
C66791 (418798)	17	<10	<5	281	<10	<10	<5	0.29	<5	<50	95.6	<1	13	134
C66792 (418799)	<1	<10	<5	74	<10	<10	<5	<0.01	<5	<50	2.0	1	2	4.9
C66793 (418800)	12	<10	<5	293	<10	<10	<5	0.28	<5	<50	77.2	<1	10	130
C66794 (418801)	31	<10	<5	435	<10	<10	<5	0.25	<5	<50	109	<1	9	109
C66795 (418802)	18	<10	<5	333	<10	<10	<5	0.32	<5	<50	114	<1	13	86.7
C66796 (418803)	37	<10	<5	567	<10	<10	<5	0.30	<5	<50	181	<1	13	77.6
C66797 (418804)	21	<10	<5	304	<10	<10	<5	0.35	<5	<50	105	<1	26	74.5
C66798 (418805)	21	<10	<5	305	<10	<10	<5	0.34	<5	<50	108	<1	25	76.8
C66799 (418806)	11	<10	<5	216	<10	<10	<5	0.28	<5	<50	55.6	<1	20	194
C66800 (418807)	17	<10	<5	411	<10	<10	<5	0.35	<5	<50	114	<1	13	93.8
C66801 (418808)	25	<10	<5	379	<10	<10	<5	0.41	<5	<50	165	<1	15	81.0
C66802 (418809)	25	<10	<5	468	<10	<10	<5	0.40	<5	<50	168	<1	15	114
C66803 (418810)	9	<10	<5	337	<10	<10	<5	0.25	<5	<50	63.8	<1	8	101
C66804 (418811)	9	<10	<5	715	<10	<10	<5	0.40	<5	<50	77.9	<1	11	97.3
C66805 (418812)	8	<10	<5	610	<10	<10	<5	0.29	<5	<50	59.6	<1	9	74.2
C66806 (418813)	33	<10	<5	244	<10	<10	<5	0.85	<5	<50	235	<1	22	86.2
C66807 (418814)	8	<10	<5	527	<10	<10	<5	0.24	<5	<50	54.0	<1	8	61.4
C66808 (418815)	7	<10	<5	664	<10	<10	<5	0.28	<5	<50	53.9	<1	8	61.7

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T502346

PROJECT: AGAT00725

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 07, 2019

DATE RECEIVED: Aug 07, 2019

DATE REPORTED: Aug 21, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
C66809 (418816)	5	<10	<5	482	<10	<10	<5	0.18	<5	<50	36.6	<1	4	53.5
C66810 (418817)	5	<10	<5	431	<10	<10	<5	0.22	<5	<50	42.2	<1	6	61.0
C66811 (418818)	7	<10	<5	433	<10	<10	<5	0.29	<5	<50	54.2	<1	8	53.6
C66812 (418819)	<1	<10	<5	66	<10	<10	<5	<0.01	<5	<50	2.2	<1	2	4.4
C66813 (418820)	<1	<10	<5	261	<10	<10	<5	0.05	<5	<50	15.9	<1	2	20.7
C66814 (418821)	4	<10	<5	456	<10	<10	<5	0.18	<5	<50	34.2	<1	3	55.4
C66815 (418822)	1	<10	<5	244	<10	<10	<5	0.07	<5	<50	7.3	<1	2	24.1
C66816 (418823)	<1	<10	<5	252	<10	<10	<5	0.05	<5	<50	8.9	<1	2	14.7

Certified By:



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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 07, 2019

DATE RECEIVED: Aug 07, 2019

DATE REPORTED: Aug 21, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
C64495 (418752)			51
C64496 (418753)			92
C64497 (418754)			106
C64498 (418755)			105
C64499 (418756)			75
C64500 (418757)			33
C66751 (418758)			128
C66752 (418759)			<5
C66753 (418760)			181
C66754 (418761)			81
C66755 (418762)			81
C66756 (418763)			54
C66757 (418764)			117
C66758 (418765)			117
C66759 (418766)			132
C66760 (418767)			144
C66761 (418768)			53
C66762 (418769)			22
C66763 (418770)			98
C66764 (418771)			92
C66765 (418772)			77
C66766 (418773)			87
C66767 (418774)			117
C66768 (418775)			88
C66769 (418776)			95
C66770 (418777)			75
C66771 (418778)			47
C66772 (418779)			<5
C66773 (418780)			74
C66774 (418781)			73
C66775 (418782)			73
C66776 (418783)			69

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T502346

PROJECT: AGAT00725

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 07, 2019

DATE RECEIVED: Aug 07, 2019

DATE REPORTED: Aug 21, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
C66777 (418784)			83
C66778 (418785)			69
C66779 (418786)			85
C66780 (418787)			323
C66781 (418788)			56
C66782 (418789)			58
C66783 (418790)			41
C66784 (418791)			65
C66785 (418792)			17
C66786 (418793)			59
C66787 (418794)			61
C66788 (418795)			56
C66789 (418796)			72
C66790 (418797)			78
C66791 (418798)			61
C66792 (418799)			<5
C66793 (418800)			74
C66794 (418801)			16
C66795 (418802)			87
C66796 (418803)			34
C66797 (418804)			107
C66798 (418805)			99
C66799 (418806)			105
C66800 (418807)			100
C66801 (418808)			58
C66802 (418809)			60
C66803 (418810)			64
C66804 (418811)			113
C66805 (418812)			79
C66806 (418813)			87
C66807 (418814)			67
C66808 (418815)			99

Certified By:



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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 07, 2019

DATE RECEIVED: Aug 07, 2019

DATE REPORTED: Aug 21, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
C66809 (418816)	85
C66810 (418817)	79
C66811 (418818)	86
C66812 (418819)	<5
C66813 (418820)	88
C66814 (418821)	84
C66815 (418822)	120
C66816 (418823)	120

Comments: RDL - Reported Detection Limit

418752-418823 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 07, 2019

DATE RECEIVED: Aug 07, 2019

DATE REPORTED: Aug 21, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C64495 (418752)			0.003
C64496 (418753)			0.005
C64497 (418754)			0.006
C64498 (418755)			0.006
C64499 (418756)			0.009
C64500 (418757)			0.006
C66751 (418758)			0.012
C66752 (418759)			0.002
C66753 (418760)			0.014
C66754 (418761)			0.004
C66755 (418762)			0.004
C66756 (418763)			0.002
C66757 (418764)			0.004
C66758 (418765)			0.004
C66759 (418766)			0.009
C66760 (418767)			0.003
C66761 (418768)			0.002
C66762 (418769)			0.002
C66763 (418770)			0.002
C66764 (418771)			0.017
C66765 (418772)			0.004
C66766 (418773)			0.337
C66767 (418774)			0.008
C66768 (418775)			0.005
C66769 (418776)			0.004
C66770 (418777)			0.004
C66771 (418778)			0.015
C66772 (418779)			0.002
C66773 (418780)			0.004
C66774 (418781)			0.003
C66775 (418782)			0.007
C66776 (418783)			0.154

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T502346

PROJECT: AGAT00725

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 07, 2019

DATE RECEIVED: Aug 07, 2019

DATE REPORTED: Aug 21, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C66777 (418784)			0.002
C66778 (418785)			0.002
C66779 (418786)			0.002
C66780 (418787)			0.002
C66781 (418788)			0.005
C66782 (418789)			0.003
C66783 (418790)			0.006
C66784 (418791)			0.003
C66785 (418792)			0.008
C66786 (418793)			0.553
C66787 (418794)			0.004
C66788 (418795)			0.004
C66789 (418796)			0.005
C66790 (418797)			0.004
C66791 (418798)			0.004
C66792 (418799)			0.002
C66793 (418800)			0.003
C66794 (418801)			0.003
C66795 (418802)			0.003
C66796 (418803)			0.003
C66797 (418804)			0.003
C66798 (418805)			0.003
C66799 (418806)			0.003
C66800 (418807)			0.002
C66801 (418808)			0.003
C66802 (418809)			0.006
C66803 (418810)			0.003
C66804 (418811)			0.028
C66805 (418812)			0.006
C66806 (418813)			0.339
C66807 (418814)			0.003
C66808 (418815)			0.003

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T502346

PROJECT: AGAT00725

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 07, 2019

DATE RECEIVED: Aug 07, 2019

DATE REPORTED: Aug 21, 2019

SAMPLE TYPE: Drill Core

Analyte:	Unit:	RDL:
Au	ppm	0.001
Sample ID (AGAT ID)		
C66809 (418816)		0.002
C66810 (418817)		0.003
C66811 (418818)		0.003
C66812 (418819)		0.002
C66813 (418820)		0.002
C66814 (418821)		0.002
C66815 (418822)		0.003
C66816 (418823)		0.002

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T502346

PROJECT: AGAT00725

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 07, 2019      DATE RECEIVED: Aug 07, 2019      DATE REPORTED: Aug 21, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
C64495 (418752)		87.78
C66753 (418760)		80.63
C66764 (418771)		86.40
C66784 (418791)		83.33
C66804 (418811)		84.02

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T502346

PROJECT: AGAT00725

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Aug 07, 2019

DATE RECEIVED: Aug 07, 2019

DATE REPORTED: Aug 21, 2019

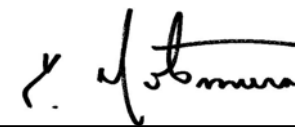
SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
C64495 (418752)		86.75
C66781 (418788)		85.83

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	418752	< 0.5	< 0.5	0.0%	418766	< 0.5	< 0.5	0.0%	418777	< 0.5	< 0.5	0.0%	418791	< 0.5	< 0.5	0.0%
Al	418752	4.34	4.19	3.5%	418766	7.99	8.08	1.1%	418777	8.33	8.54	2.5%	418791	8.65	8.35	3.5%
As	418752	6	6	0.0%	418766	< 1	< 1	0.0%	418777	< 1	< 1	0.0%	418791	< 1	< 1	0.0%
Ba	418752	494	468	5.4%	418766	759	768	1.2%	418777	352	348	1.1%	418791	294	286	2.8%
Be	418752	0.6	0.6	0.0%	418766	0.96	0.95	1.0%	418777	0.9	0.9	0.0%	418791	0.7	0.7	0.0%
Bi	418752	< 1	< 1	0.0%	418766	< 1	< 1	0.0%	418777	< 1	< 1	0.0%	418791	< 1	< 1	0.0%
Ca	418752	1.41	1.36	3.6%	418766	3.63	3.63	0.0%	418777	3.50	3.45	1.4%	418791	4.34	4.25	2.1%
Cd	418752	< 0.5	< 0.5	0.0%	418766	< 0.5	< 0.5	0.0%	418777	1.33	1.47	10.0%	418791	< 0.5	< 0.5	0.0%
Ce	418752	246	262	6.3%	418766	43	43	0.0%	418777	27	28	3.6%	418791	21	21	0.0%
Co	418752	5.8	5.1	12.8%	418766	13.7	12.8	6.8%	418777	16.3	17.3	6.0%	418791	17.8	17.9	0.6%
Cr	418752	183	190	3.8%	418766	156	145	7.3%	418777	161	184	13.3%	418791	187	171	8.9%
Cu	418752	39.5	45.4	13.9%	418766	53.2	53.5	0.6%	418777	15.7	15.6	0.6%	418791	28.5	27.5	3.6%
Fe	418752	2.07	2.00	3.4%	418766	4.05	4.05	0.0%	418777	3.82	3.92	2.6%	418791	4.26	4.11	3.6%
Ga	418752	13	12	8.0%	418766	21	20	4.9%	418777	22	22	0.0%	418791	22	22	0.0%
In	418752	< 1	< 1	0.0%	418766	< 1	< 1	0.0%	418777	< 1	< 1	0.0%	418791	< 1	< 1	0.0%
K	418752	0.80	0.75	6.5%	418766	1.30	1.32	1.5%	418777	1.58	1.63	3.1%	418791	0.98	0.94	4.2%
La	418752	147	158	7.2%	418766	22	21	4.7%	418777	15	15	0.0%	418791	11	11	0.0%
Li	418752	13	12	8.0%	418766	19	19	0.0%	418777	21	22	4.7%	418791	26	25	3.9%
Mg	418752	0.60	0.56	6.9%	418766	1.25	1.25	0.0%	418777	1.38	1.39	0.7%	418791	1.54	1.49	3.3%
Mn	418752	250	234	6.6%	418766	1000	1010	1.0%	418777	1120	1170	4.4%	418791	706	682	3.5%
Mo	418752	18.8	18.9	0.5%	418766	10.2	9.95	2.5%	418777	13.9	16.3	15.9%	418791	12.0	11.3	6.0%
Na	418752	1.88	1.81	3.8%	418766	3.02	3.05	1.0%	418777	2.77	2.73	1.5%	418791	3.11	3.02	2.9%
Ni	418752	33.6	30.6	9.3%	418766	30.6	29.8	2.6%	418777	36.2	38.0	4.9%	418791	36.7	36.1	1.6%
P	418752	153	134	13.2%	418766	639	619	3.2%	418777	562	587	4.4%	418791	515	529	2.7%
Pb	418752	< 20	< 20	0.0%	418766	< 20	< 20	0.0%	418777	< 20	< 20	0.0%	418791	< 20	< 20	0.0%
Rb	418752	< 50	< 50	0.0%	418766	< 50	< 50	0.0%	418777	< 50	< 50	0.0%	418791	< 50	< 50	0.0%
S	418752	0.07	0.07	0.0%	418766	0.23	0.23	0.0%	418777	0.38	0.38	0.0%	418791	0.08	0.07	13.3%
Sb	418752	< 1	< 1	0.0%	418766	< 1	< 1	0.0%	418777	< 1	< 1	0.0%	418791	< 1	< 1	0.0%
Sc	418752	3	3	0.0%	418766	13	13	0.0%	418777	12	13	8.0%	418791	16	15	6.5%
Se	418752	< 10	< 10	0.0%	418766	< 10	< 10	0.0%	418777	< 10	< 10	0.0%	418791	< 10	< 10	0.0%
Sn	418752	< 5	< 5	0.0%	418766	< 5	< 5	0.0%	418777	< 5	< 5	0.0%	418791	< 5	< 5	0.0%

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	418752	250	241	3.7%	418766	342	336	1.8%	418777	288	288	0.0%	418791	214	209	2.4%
Ta	418752	< 10	< 10	0.0%	418766	< 10	< 10	0.0%	418777	< 10	< 10	0.0%	418791	< 10	< 10	0.0%
Te	418752	< 10	< 10	0.0%	418766	< 10	< 10	0.0%	418777	< 10	< 10	0.0%	418791	< 10	< 10	0.0%
Th	418752	10	15		418766	< 5	< 5	0.0%	418777	< 5	< 5	0.0%	418791	< 5	< 5	0.0%
Ti	418752	0.17	0.16	6.1%	418766	0.37	0.37	0.0%	418777	0.32	0.32	0.0%	418791	0.35	0.34	2.9%
Tl	418752	< 5	< 5	0.0%	418766	< 5	< 5	0.0%	418777	< 5	< 5	0.0%	418791	< 5	< 5	0.0%
U	418752	< 50	< 50	0.0%	418766	< 50	< 50	0.0%	418777	< 50	< 50	0.0%	418791	< 50	< 50	0.0%
V	418752	28.4	26.4	7.3%	418766	76.5	74.1	3.2%	418777	87.9	87.4	0.6%	418791	98.4	97.6	0.8%
W	418752	< 1	< 1	0.0%	418766	< 1	< 1	0.0%	418777	< 1	< 1	0.0%	418791	< 1	< 1	0.0%
Y	418752	6	6	0.0%	418766	20	19	5.1%	418777	10	11	9.5%	418791	12	12	0.0%
Zn	418752	51.8	48.9	5.8%	418766	109	119	8.8%	418777	632	644	1.9%	418791	113	110	2.7%
Zr	418752	51	50	2.0%	418766	132	123	7.1%	418777	75	82	8.9%	418791	65	63	3.1%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	418802	< 0.5	< 0.5	0.0%	418816	< 0.5	< 0.5	0.0%								
Al	418802	7.95	7.78	2.2%	418816	8.15	8.01	1.7%								
As	418802	< 1	< 1	0.0%	418816	< 1	< 1	0.0%								
Ba	418802	540	549	1.7%	418816	499	482	3.5%								
Be	418802	1.1	1.1	0.0%	418816	0.96	0.95	1.0%								
Bi	418802	< 1	< 1	0.0%	418816	< 1	< 1	0.0%								
Ca	418802	3.83	3.81	0.5%	418816	2.02	1.97	2.5%								
Cd	418802	< 0.5	< 0.5	0.0%	418816	< 0.5	< 0.5	0.0%								
Ce	418802	29	29	0.0%	418816	22	22	0.0%								
Co	418802	18.4	18.7	1.6%	418816	7.0	6.7	4.4%								
Cr	418802	168	157	6.8%	418816	90.6	77.3	15.8%								
Cu	418802	45.0	47.2	4.8%	418816	2.94	3.00	2.0%								
Fe	418802	4.36	4.27	2.1%	418816	1.72	1.69	1.8%								
Ga	418802	21	21	0.0%	418816	23	23	0.0%								
In	418802	< 1	< 1	0.0%	418816	< 1	< 1	0.0%								
K	418802	1.21	1.23	1.6%	418816	1.48	1.46	1.4%								
La	418802	15	15	0.0%	418816	11	11	0.0%								
Li	418802	21	22	4.7%	418816	25	24	4.1%								
Mg	418802	1.64	1.65	0.6%	418816	0.61	0.60	1.7%								
Mn	418802	784	764	2.6%	418816	221	221	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	418802	10.0	8.8	12.8%	418816	12.9	13.6	5.3%								
Na	418802	3.32	3.38	1.8%	418816	3.80	3.76	1.1%								
Ni	418802	39.1	39.6	1.3%	418816	14.5	15.2	4.7%								
P	418802	578	635	9.4%	418816	413	402	2.7%								
Pb	418802	< 20	< 20	0.0%	418816	< 20	< 20	0.0%								
Rb	418802	< 50	< 50	0.0%	418816	< 50	< 50	0.0%								
S	418802	0.11	0.11	0.0%	418816	0.02	0.02	0.0%								
Sb	418802	< 1	< 1	0.0%	418816	< 1	< 1	0.0%								
Sc	418802	18	18	0.0%	418816	5	5	0.0%								
Se	418802	< 10	< 10	0.0%	418816	< 10	< 10	0.0%								
Sn	418802	< 5	< 5	0.0%	418816	< 5	< 5	0.0%								
Sr	418802	333	344	3.2%	418816	482	478	0.8%								
Ta	418802	< 10	< 10	0.0%	418816	< 10	< 10	0.0%								
Te	418802	< 10	< 10	0.0%	418816	< 10	< 10	0.0%								
Th	418802	< 5	< 5	0.0%	418816	< 5	< 5	0.0%								
Ti	418802	0.32	0.32	0.0%	418816	0.18	0.18	0.0%								
Tl	418802	< 5	< 5	0.0%	418816	< 5	< 5	0.0%								
U	418802	< 50	< 50	0.0%	418816	< 50	< 50	0.0%								
V	418802	114	115	0.9%	418816	36.6	36.8	0.5%								
W	418802	< 1	< 1	0.0%	418816	< 1	< 1	0.0%								
Y	418802	13	13	0.0%	418816	4	4	0.0%								
Zn	418802	86.7	85.6	1.3%	418816	53.5	53.3	0.4%								
Zr	418802	87	93	6.7%	418816	85	91	6.8%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	418752	0.0027	0.0023	16.0%	418766	0.0095	0.0096	1.0%	418777	0.004	0.004	0.0%	418791	0.0030	0.0039	26.1%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	418802	0.003	0.003	0.0%	418816	0.002	0.002	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.Till-2)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	3.12	103%	90% - 110%
Al	10.95	10.91	100%	90% - 110%					8.17	8.34	102%	90% - 110%	4.75	4.77	101%	90% - 110%
As									26	24	93%	90% - 110%				
Ba	340	337	99%	90% - 110%					540	521	96%	90% - 110%	216	219	102%	90% - 110%
Be	2.6	2.6	100%	90% - 110%					4.0	3.1	77%	90% - 110%				
Ca	5.72	5.45	95%	90% - 110%					0.907	0.87	96%	90% - 110%	10	9	90%	90% - 110%
Ce	122	116	95%	90% - 110%					98	94	96%	90% - 110%				
Co	2.8	2.1	74%	90% - 110%									191	184	96%	90% - 110%
Cr									60.3	59.6	99%	90% - 110%	670	667	100%	90% - 110%
Cu	7	7	94%	90% - 110%					150	155	103%	90% - 110%	7120	7235	102%	90% - 110%
Fe	4.34	4.03	93%	90% - 110%					3.77	3.66	97%	90% - 110%	12.71	11.62	91%	90% - 110%
Ga	35	34	98%	90% - 110%												
K	1.37	1.44	105%	90% - 110%									0.1021	0.1067	104%	90% - 110%
La	58	55	95%	90% - 110%					44	44	101%	90% - 110%	8.47	9.91	117%	90% - 110%
Li	37	39	105%	90% - 110%					47	48	103%	90% - 110%				
Mg	0.325	0.303	93%	90% - 110%					1.10	1.07	97%	90% - 110%	7.41	7.01	95%	90% - 110%
Mn									780	755	97%	90% - 110%				
Mo					14	13	91%	90% - 110%	14	13	93%	90% - 110%				
Na	5.267	5.523	105%	90% - 110%					1.624	1.735	107%	90% - 110%	0.112	0.12	107%	90% - 110%
Ni	9	8	87%	90% - 110%					32	32	101%	90% - 110%	2480	2255	91%	90% - 110%
P									750	703	94%	90% - 110%	731	685	94%	90% - 110%
Pb									31	25	82%	90% - 110%				
Sc	1.1	0.9	78%	90% - 110%					12	13	104%	90% - 110%	21.33	22.36	105%	90% - 110%
Sr	1191	1162	98%	90% - 110%					144	149	104%	90% - 110%	39	36	93%	90% - 110%
Ti	0.172	0.167	97%	90% - 110%					0.53	0.481	91%	90% - 110%	0.419	0.405	97%	90% - 110%
V	8	6	75%	90% - 110%					77	80	104%	90% - 110%	158	162	102%	90% - 110%
Y	119	122	102%	90% - 110%									12.67	13.69	108%	90% - 110%
Zn	93	96	103%	90% - 110%					130	124	96%	90% - 110%	112	105	94%	90% - 110%
Zr													35.7	36.5	102%	90% - 110%
	CRM #5 (ref.SY-4)															
Parameter	Expect	Actual	Recovery	Limits												



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Al	10.95	11.15	102%	90% - 110%												
Ba	340	346	102%	90% - 110%												
Be	2.6	2.6	100%	90% - 110%												
Ca	5.72	5.58	98%	90% - 110%												
Ce	122	121	99%	90% - 110%												
Co	2.8	2	72%	90% - 110%												
Cu	7	5	77%	90% - 110%												
Fe	4.34	4.11	95%	90% - 110%												
Ga	35	34	98%	90% - 110%												
K	1.37	1.5	109%	90% - 110%												
La	58	55	94%	90% - 110%												
Li	37	40	107%	90% - 110%												
Mg	0.325	0.301	92%	90% - 110%												
Na	5.267	5.568	106%	90% - 110%												
Sc	1.1	0.9	78%	90% - 110%												
Sr	1191	1175	99%	90% - 110%												
Ti	0.172	0.170	99%	90% - 110%												
V	8	6	78%	90% - 110%												
Y	119	120	101%	90% - 110%												
Zn	93	93	100%	90% - 110%												

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP7M)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.27	5.54	105%	90% - 110%	6.87	7.11	103%	90% - 110%	0.725	0.755	104%	90% - 110%	0.562	0.515	92%	90% - 110%



## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19T502346

PROJECT: AGAT00725

ATTENTION TO: Craig Yuill

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00726

AGAT WORK ORDER: 19T502347

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Aug 20, 2019

PAGES (INCLUDING COVER): 11

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T502347

PROJECT: AGAT00726

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 07, 2019

DATE RECEIVED: Aug 07, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
C66817 (418824)		3.23
C66818 (418825)		3.23
C66819 (418826)		3.60
C66820 (418827)		1.68
C66821 (418828)		1.70
C66822 (418829)		1.42
C66823 (418830)		0.71
C66824 (418831)		2.78
C66825 (418832)		2.23
C66826 (418833)		0.07

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T502347

PROJECT: AGAT00726

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 07, 2019		DATE RECEIVED: Aug 07, 2019						DATE REPORTED: Aug 20, 2019					SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5	
C66817 (418824)		<0.5	6.76	<1	1750	0.7	<1	1.37	<0.5	52	5.8	136	24.6	2.28	18	
C66818 (418825)		<0.5	7.19	1	1860	0.7	<1	1.32	<0.5	53	5.6	131	24.3	2.29	18	
C66819 (418826)		<0.5	6.24	<1	1560	0.6	<1	1.83	<0.5	37	3.6	116	23.9	1.50	16	
C66820 (418827)		0.8	7.12	3	1560	0.7	<1	1.06	<0.5	43	2.1	116	21.8	1.65	16	
C66821 (418828)		<0.5	7.21	<1	451	1.0	<1	2.12	<0.5	51	7.9	147	37.6	3.14	20	
C66822 (418829)		1.0	6.84	<1	547	0.9	<1	1.72	<0.5	104	5.6	147	36.3	3.48	19	
C66823 (418830)		1.1	6.36	<1	334	0.9	<1	1.60	<0.5	130	4.3	159	33.4	2.53	19	
C66824 (418831)		<0.5	7.22	<1	364	0.9	<1	3.03	<0.5	40	13.6	176	89.1	4.04	21	
C66825 (418832)		<0.5	8.14	<1	213	1.0	<1	4.45	<0.5	26	21.5	158	26.3	4.87	21	
C66826 (418833)		<0.5	7.23	<1	146	<0.5	<1	6.74	<0.5	6	43.7	190	154	8.15	21	
Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1	
C66817 (418824)		<1	3.62	31	10	0.52	219	12.7	2.43	6.7	174	<20	<50	0.09	<1	
C66818 (418825)		<1	3.85	31	11	0.52	221	13.7	2.53	6.6	186	<20	<50	0.09	<1	
C66819 (418826)		<1	3.16	20	5	0.44	335	12.2	2.82	7.7	142	<20	<50	0.17	2	
C66820 (418827)		<1	3.62	27	5	0.25	195	15.2	2.63	4.1	91	<20	<50	0.08	<1	
C66821 (418828)		<1	1.84	27	17	0.95	510	12.4	3.23	15.1	307	<20	<50	0.11	<1	
C66822 (418829)		<1	1.67	54	20	0.64	342	11.4	2.95	4.9	405	<20	<50	0.11	<1	
C66823 (418830)		<1	1.24	74	14	0.46	233	17.5	2.95	4.6	265	28	<50	0.11	<1	
C66824 (418831)		<1	1.24	20	20	1.26	614	25.2	2.89	31.9	473	<20	<50	0.27	<1	
C66825 (418832)		<1	0.94	14	18	2.00	816	10.5	3.20	56.3	627	<20	<50	0.08	<1	
C66826 (418833)		<1	0.20	5	12	4.49	1400	<0.5	2.32	91.7	397	<20	<50	0.14	<1	

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T502347

PROJECT: AGAT00726

5623 McADAM ROAD  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 07, 2019	DATE RECEIVED: Aug 07, 2019	DATE REPORTED: Aug 20, 2019	SAMPLE TYPE: Drill Core												
	Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
	Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID)	RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
C66817 (418824)		5	<10	<5	237	<10	<10	<5	0.15	<5	<50	27.6	<1	6	37.2
C66818 (418825)		5	<10	<5	251	<10	<10	<5	0.14	<5	<50	26.3	<1	6	38.7
C66819 (418826)		2	<10	<5	196	<10	<10	<5	0.08	<5	<50	10.6	<1	5	13.3
C66820 (418827)		1	<10	<5	227	<10	<10	<5	0.08	<5	<50	8.5	<1	3	24.7
C66821 (418828)		9	<10	<5	237	<10	<10	<5	0.22	<5	<50	39.7	<1	12	93.9
C66822 (418829)		7	<10	<5	229	<10	<10	<5	0.28	<5	<50	18.8	<1	15	110
C66823 (418830)		4	<10	<5	186	<10	<10	7	0.21	<5	<50	13.9	<1	7	137
C66824 (418831)		13	<10	<5	218	<10	<10	<5	0.31	<5	<50	66.3	<1	14	132
C66825 (418832)		21	<10	<5	232	<10	<10	<5	0.39	<5	<50	134	<1	15	75.7
C66826 (418833)		47	<10	<5	117	<10	<10	<5	0.68	<5	<50	310	<1	23	77.1
	Analyte:	Zr													
	Unit:	ppm													
Sample ID (AGAT ID)	RDL:	5													
C66817 (418824)		63													
C66818 (418825)		65													
C66819 (418826)		54													
C66820 (418827)		177													
C66821 (418828)		130													
C66822 (418829)		285													
C66823 (418830)		317													
C66824 (418831)		124													
C66825 (418832)		85													
C66826 (418833)		53													

Comments: RDL - Reported Detection Limit

418824-418833 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T502347

PROJECT: AGAT00726

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 07, 2019

DATE RECEIVED: Aug 07, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C66817 (418824)			0.009
C66818 (418825)			0.005
C66819 (418826)			0.004
C66820 (418827)			0.004
C66821 (418828)			0.004
C66822 (418829)			0.006
C66823 (418830)			0.004
C66824 (418831)			0.003
C66825 (418832)			0.003
C66826 (418833)			0.530

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T502347

PROJECT: AGAT00726

5623 McADAM ROAD  
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CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 07, 2019

DATE RECEIVED: Aug 07, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL:
C66817 (418824)	76.42

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T502347

PROJECT: AGAT00726

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Aug 07, 2019

DATE RECEIVED: Aug 07, 2019

DATE REPORTED: Aug 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL:
C66817 (418824)	86.08

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				RPD													
	Sample ID	Original	Replicate	RPD														
Ag	418824	< 0.5	< 0.5	0.0%														
Al	418824	6.76	6.81	0.7%														
As	418824	< 1	2															
Ba	418824	1750	1720	1.7%														
Be	418824	0.7	0.7	0.0%														
Bi	418824	< 1	< 1	0.0%														
Ca	418824	1.37	1.40	2.2%														
Cd	418824	< 0.5	< 0.5	0.0%														
Ce	418824	52	54	3.8%														
Co	418824	5.80	6.06	4.4%														
Cr	418824	136	119	13.3%														
Cu	418824	24.6	26.3	6.7%														
Fe	418824	2.28	2.30	0.9%														
Ga	418824	18	18	0.0%														
In	418824	< 1	< 1	0.0%														
K	418824	3.62	3.60	0.6%														
La	418824	31	32	3.2%														
Li	418824	10	10	0.0%														
Mg	418824	0.522	0.537	2.8%														
Mn	418824	219	218	0.5%														
Mo	418824	12.7	10.1	22.8%														
Na	418824	2.43	2.44	0.4%														
Ni	418824	6.74	7.08	4.9%														
P	418824	174	187	7.2%														
Pb	418824	< 20	< 20	0.0%														
Rb	418824	< 50	< 50	0.0%														
S	418824	0.09	0.09	0.0%														
Sb	418824	< 1	< 1	0.0%														
Sc	418824	5	5	0.0%														
Se	418824	< 10	< 10	0.0%														
Sn	418824	< 5	< 5	0.0%														



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	418824	237	234	1.3%													
Ta	418824	< 10	< 10	0.0%													
Te	418824	< 10	< 10	0.0%													
Th	418824	< 5	< 5	0.0%													
Ti	418824	0.148	0.145	2.0%													
Tl	418824	< 5	< 5	0.0%													
U	418824	< 50	< 50	0.0%													
V	418824	27.6	29.5	6.7%													
W	418824	< 1	< 1	0.0%													
Y	418824	6	6	0.0%													
Zn	418824	37.2	37.1	0.3%													
Zr	418824	63	64	1.6%													
<b>(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)</b>																	
	REPLICATE #1																
Parameter	Sample ID	Original	Replicate	RPD													
Au	418824	0.0086	0.0070	20.5%													



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)													
	Expect	Actual	Recovery	Limits										
Al	10.95	10.79	98%	90% - 110%										
Ba	340	337	99%	90% - 110%										
Be	2.6	2.5	97%	90% - 110%										
Ca	5.72	5.58	98%	90% - 110%										
Ce	122	118	96%	90% - 110%										
Cr	12	11	91%	90% - 110%										
Fe	4.34	4.24	98%	90% - 110%										
Ga	35	36	103%	90% - 110%										
K	1.37	1.42	104%	90% - 110%										
La	58	57	99%	90% - 110%										
Li	37	39	105%	90% - 110%										
Mg	0.325	0.318	98%	90% - 110%										
Na	5.267	5.424	103%	90% - 110%										
Sc	1.1	0.9	83%	90% - 110%										
Sr	1191	1208	101%	90% - 110%										
Ti	0.172	0.172	100%	90% - 110%										
V	8	7	84%	90% - 110%										
Y	119	126	106%	90% - 110%										
Zn	93	92	99%	90% - 110%										

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS6F)													
	Expect	Actual	Recovery	Limits										
Au	6.87	6.75	98%	90% - 110%										

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00726  
 SAMPLING SITE:

AGAT WORK ORDER: 19T502347  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00729

AGAT WORK ORDER: 19T502971

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Aug 28, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T502971

PROJECT: AGAT00729

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 07, 2019      DATE RECEIVED: Aug 08, 2019      DATE REPORTED: Aug 28, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D64759 (421939)		2.18
D64760 (421940)		1.91
D64761 (421941)		2.16
D64762 (421942)		3.27
D64763 (421943)		3.08
D64764 (421944)		2.15
D64765 (421945)		2.11
D64766 (421946)		0.07
D64767 (421947)		1.31
D64768 (421948)		0.65
D64769 (421949)		2.53
D64770 (421950)		2.14
D64771 (421951)		1.77
D64772 (421952)		0.69
D64773 (421953)		2.15
D64774 (421954)		2.41
D64775 (421955)		2.02
D64776 (421956)		1.11
D64777 (421957)		0.99
D64778 (421958)		0.99
D64779 (421959)		0.65
D64780 (421960)		2.84
D64781 (421961)		1.26
D64782 (421962)		2.87
D64783 (421963)		1.40
D64784 (421964)		1.97
D64785 (421965)		3.27
D64786 (421966)		0.07
D64787 (421967)		0.99
D64788 (421968)		2.12
D64789 (421969)		1.35

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T502971

PROJECT: AGAT00729

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 07, 2019      DATE RECEIVED: Aug 08, 2019      DATE REPORTED: Aug 28, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D64790 (421970)		0.82
D64791 (421971)		2.12
D64792 (421972)		0.61
D64793 (421973)		3.34
D64794 (421974)		3.27
D64795 (421975)		2.24
D64796 (421976)		1.51
D64797 (421977)		0.67
D64798 (421978)		0.67
D64799 (421979)		2.15
D64800 (421980)		2.15
D64801 (421981)		2.16
D64802 (421982)		2.10
D64803 (421983)		2.11
D64804 (421984)		3.29
D64805 (421985)		3.27
D64806 (421986)		0.07
D64807 (421987)		2.18
D64808 (421988)		2.34
D64809 (421989)		2.18
D64810 (421990)		2.10
D64811 (421991)		2.18
D64812 (421992)		0.58
D64813 (421993)		1.71
D64815 (421994)		1.15
D64816 (421995)		1.55
D64817 (421996)		2.17
D64818 (421997)		2.17
D64819 (421998)		2.15
D64820 (421999)		2.12
D64821 (422000)		2.26

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T502971

PROJECT: AGAT00729

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Aug 07, 2019

DATE RECEIVED: Aug 08, 2019

DATE REPORTED: Aug 28, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D64822 (422001)		2.01
D64823 (422002)		2.64
D64824 (422003)		1.77
D64825 (422004)		1.15
D64826 (422005)		0.07
D64827 (422006)		1.52
D64828 (422007)		2.19
D64829 (422008)		2.26
D64830 (422009)		2.21

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





# Certificate of Analysis

AGAT WORK ORDER: 19T502971

PROJECT: AGAT00729

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 07, 2019	DATE RECEIVED: Aug 08, 2019							DATE REPORTED: Aug 28, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D64759 (421939)	<0.5	7.45	3	319	1.4	<1	1.94	<0.5	42	4.7	117	3.6	1.67	21	
D64760 (421940)	<0.5	8.03	<1	282	1.5	<1	1.79	<0.5	13	3.4	68.6	2.3	1.39	22	
D64761 (421941)	<0.5	7.88	1	411	1.0	<1	1.74	<0.5	19	3.1	87.0	7.6	1.35	20	
D64762 (421942)	<0.5	7.40	1	509	1.1	<1	1.96	<0.5	107	4.5	81.6	4.7	1.71	19	
D64763 (421943)	<0.5	7.61	<1	347	1.3	<1	1.93	<0.5	40	2.6	94.9	2.1	1.38	20	
D64764 (421944)	<0.5	7.77	<1	289	0.8	<1	1.69	<0.5	20	3.4	75.6	2.2	1.34	21	
D64765 (421945)	<0.5	7.65	2	262	1.3	<1	1.57	<0.5	26	2.9	83.8	3.0	1.17	21	
D64766 (421946)	<0.5	7.54	<1	192	<0.5	<1	6.34	<0.5	17	40.3	172	108	7.96	21	
D64767 (421947)	<0.5	6.89	2	344	1.2	<1	2.02	<0.5	59	1.5	81.0	2.2	0.85	21	
D64768 (421948)	<0.5	7.45	1	177	1.4	<1	1.34	<0.5	17	2.0	64.2	3.1	1.04	21	
D64769 (421949)	<0.5	7.19	2	133	1.4	<1	0.78	<0.5	17	<0.5	78.4	1.2	0.57	18	
D64770 (421950)	<0.5	6.64	2	143	5.2	<1	0.70	<0.5	7	0.7	95.5	3.1	0.72	23	
D64771 (421951)	<0.5	7.96	<1	456	1.1	<1	1.60	<0.5	18	2.3	91.3	5.3	1.24	19	
D64772 (421952)	<0.5	0.07	<1	13	<0.5	<1	31.4	<0.5	2	0.7	3.7	<0.5	0.07	6	
D64773 (421953)	<0.5	7.73	2	490	0.9	<1	1.89	<0.5	51	2.9	70.2	13.4	1.31	20	
D64774 (421954)	<0.5	7.94	2	427	0.9	<1	1.61	<0.5	18	2.4	76.1	13.7	1.09	19	
D64775 (421955)	<0.5	7.88	2	752	1.6	<1	1.87	<0.5	27	5.1	89.1	46.7	1.65	20	
D64776 (421956)	0.6	6.16	1	896	2.1	<1	3.46	<0.5	18	12.3	169	20.4	2.97	20	
D64777 (421957)	<0.5	7.84	1	321	1.7	<1	1.58	<0.5	16	2.3	95.5	1.2	1.25	20	
D64778 (421958)	<0.5	7.77	2	314	1.7	<1	1.58	<0.5	17	2.8	92.4	1.4	1.24	21	
D64779 (421959)	<0.5	7.45	1	788	1.7	<1	1.23	<0.5	18	2.6	89.1	4.6	0.96	20	
D64780 (421960)	<0.5	7.72	<1	363	0.9	<1	1.79	<0.5	20	3.8	74.0	9.7	1.35	20	
D64781 (421961)	<0.5	8.05	<1	343	1.1	<1	1.80	<0.5	10	2.8	84.7	23.9	1.16	19	
D64782 (421962)	<0.5	7.53	1	381	1.0	<1	1.80	<0.5	18	3.9	72.4	14.0	1.26	20	
D64783 (421963)	<0.5	7.65	2	396	1.1	<1	1.73	<0.5	25	3.7	91.3	7.1	1.15	19	
D64784 (421964)	<0.5	8.35	<1	360	1.0	<1	2.09	<0.5	14	5.1	83.2	7.4	1.76	22	
D64785 (421965)	<0.5	8.13	2	377	0.9	<1	2.29	<0.5	20	6.3	99.1	12.7	1.90	21	
D64786 (421966)	<0.5	7.12	<1	141	<0.5	<1	6.50	<0.5	6	42.0	166	155	7.93	22	
D64787 (421967)	<0.5	8.03	1	702	1.1	<1	1.73	<0.5	17	5.2	85.5	39.9	1.54	21	
D64788 (421968)	<0.5	7.51	<1	527	1.1	<1	2.23	<0.5	29	6.4	109	10.2	2.21	21	
D64789 (421969)	<0.5	7.95	2	475	1.4	<1	1.76	<0.5	16	5.2	91.1	2.8	1.87	21	
D64790 (421970)	<0.5	4.93	<1	200	5.4	<1	6.57	<0.5	68	40.5	294	61.5	5.56	20	

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T502971

PROJECT: AGAT00729

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 07, 2019	DATE RECEIVED: Aug 08, 2019							DATE REPORTED: Aug 28, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D64791 (421971)	<0.5	7.38	1	333	1.3	<1	3.04	<0.5	65	4.3	87.1	4.3	1.64	20	
D64792 (421972)	<0.5	0.07	2	28	<0.5	<1	32.0	<0.5	2	1.1	5.5	<0.5	0.11	5	
D64793 (421973)	<0.5	7.71	<1	364	1.1	<1	1.78	<0.5	26	4.6	78.4	0.9	1.57	21	
D64794 (421974)	<0.5	7.30	<1	344	1.1	<1	2.05	<0.5	28	7.0	19.2	2.9	2.56	20	
D64795 (421975)	<0.5	7.97	2	529	1.1	<1	1.96	<0.5	100	4.4	95.0	5.8	1.68	20	
D64796 (421976)	<0.5	8.05	2	410	1.0	<1	1.99	<0.5	30	3.6	67.7	12.2	1.43	20	
D64797 (421977)	<0.5	7.63	2	629	0.9	<1	1.56	<0.5	9	2.0	79.1	6.3	0.97	18	
D64798 (421978)	<0.5	7.68	<1	647	0.9	<1	1.56	<0.5	8	2.5	90.0	6.0	0.96	18	
D64799 (421979)	<0.5	7.69	1	375	0.9	<1	1.95	<0.5	25	3.6	80.9	10.3	1.33	20	
D64800 (421980)	<0.5	8.10	<1	308	1.2	<1	1.90	<0.5	17	3.3	86.3	9.9	1.37	21	
D64801 (421981)	<0.5	8.17	<1	331	0.8	<1	1.96	<0.5	16	3.6	81.3	8.7	1.39	20	
D64802 (421982)	<0.5	8.07	<1	442	0.8	<1	1.85	<0.5	17	3.5	77.4	8.7	1.37	20	
D64803 (421983)	<0.5	8.32	<1	319	1.2	<1	2.33	<0.5	23	3.4	111	13.0	1.58	21	
D64804 (421984)	<0.5	7.83	<1	328	1.2	<1	1.79	<0.5	19	3.7	82.7	7.5	1.46	20	
D64805 (421985)	<0.5	8.20	<1	275	0.8	<1	1.98	<0.5	21	3.5	96.8	11.0	1.41	21	
D64806 (421986)	<0.5	7.31	<1	195	<0.5	<1	6.34	<0.5	20	43.2	188	106	7.98	22	
D64807 (421987)	<0.5	7.95	<1	483	0.8	<1	1.80	<0.5	23	3.4	91.1	17.7	1.31	21	
D64808 (421988)	<0.5	8.28	<1	228	0.9	<1	2.06	<0.5	28	3.1	91.9	15.8	1.38	19	
D64809 (421989)	<0.5	8.38	2	335	0.7	<1	2.05	<0.5	20	3.9	84.3	27.4	1.49	21	
D64810 (421990)	<0.5	8.21	<1	256	0.7	<1	2.12	<0.5	17	4.6	102	5.1	1.47	21	
D64811 (421991)	<0.5	8.46	<1	327	0.9	<1	2.47	<0.5	16	6.7	79.7	24.2	1.88	22	
D64812 (421992)	<0.5	0.08	2	15	<0.5	<1	30.3	<0.5	2	0.9	5.1	<0.5	0.10	6	
D64813 (421993)	<0.5	7.55	2	1010	0.9	<1	1.78	<0.5	12	5.3	104	15.1	1.14	18	
D64815 (421994)	<0.5	9.31	<1	208	0.8	<1	3.45	<0.5	13	12.6	80.8	<0.5	2.60	25	
D64816 (421995)	<0.5	8.87	<1	212	0.8	<1	2.99	<0.5	19	9.7	104	3.9	2.13	23	
D64817 (421996)	<0.5	9.08	<1	280	1.0	<1	2.80	<0.5	19	10.3	75.2	8.2	2.26	24	
D64818 (421997)	<0.5	9.30	<1	271	1.0	<1	2.80	<0.5	19	10.5	72.4	8.3	2.28	26	
D64819 (421998)	<0.5	8.40	2	211	0.9	<1	2.26	<0.5	23	6.3	68.3	7.1	1.59	22	
D64820 (421999)	<0.5	8.52	<1	486	1.0	<1	2.01	<0.5	27	5.0	74.6	8.4	1.52	22	
D64821 (422000)	<0.5	8.08	1	433	1.1	<1	2.02	<0.5	26	5.6	109	11.7	1.52	21	
D64822 (422001)	<0.5	7.76	6	1140	2.6	<1	2.39	<0.5	29	4.8	93.1	11.3	1.58	22	
D64823 (422002)	<0.5	2.44	<1	1350	2.5	<1	9.51	<0.5	203	55.0	483	85.0	7.69	20	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T502971

PROJECT: AGAT00729

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 07, 2019		DATE RECEIVED: Aug 08, 2019						DATE REPORTED: Aug 28, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D64824 (422003)	<0.5	3.57	9	603	4.4	<1	8.91	<0.5	150	43.2	341	75.8	6.01	18	
D64825 (422004)	<0.5	7.67	3	463	1.4	<1	2.06	<0.5	43	2.5	88.1	3.6	0.92	18	
D64826 (422005)	<0.5	7.64	<1	196	<0.5	<1	6.39	<0.5	20	42.9	187	108	7.96	25	
D64827 (422006)	<0.5	8.14	1	863	1.7	<1	1.78	<0.5	30	3.1	72.8	6.5	1.06	19	
D64828 (422007)	<0.5	8.17	<1	501	1.0	<1	1.80	<0.5	23	3.1	93.9	6.8	1.28	21	
D64829 (422008)	<0.5	7.98	<1	355	1.4	<1	1.66	<0.5	22	2.8	72.1	6.7	1.09	20	
D64830 (422009)	<0.5	7.70	2	417	1.1	<1	1.62	<0.5	23	3.1	104	6.7	1.17	21	

Certified By:



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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 07, 2019

DATE RECEIVED: Aug 08, 2019

DATE REPORTED: Aug 28, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D64759 (421939)		<1	1.73	18	12	0.43	289	16.3	3.88	9.1	224	<20	<50	0.03	<1
D64760 (421940)		<1	1.15	7	22	0.32	234	9.9	4.33	4.1	375	<20	<50	0.01	<1
D64761 (421941)		<1	1.38	10	17	0.31	207	13.1	4.12	3.1	265	<20	<50	0.02	<1
D64762 (421942)		<1	2.09	46	13	0.45	319	10.1	3.68	8.9	246	<20	<50	0.01	<1
D64763 (421943)		<1	1.39	18	9	0.37	278	12.3	4.04	3.6	244	<20	<50	0.01	<1
D64764 (421944)		<1	1.03	11	35	0.27	231	9.9	4.08	1.1	294	<20	<50	<0.01	<1
D64765 (421945)		<1	1.16	12	21	0.23	221	14.0	4.06	2.2	244	<20	<50	<0.01	<1
D64766 (421946)		<1	0.45	10	10	4.23	1340	<0.5	2.39	103	834	<20	<50	0.09	<1
D64767 (421947)		<1	4.45	26	5	0.26	146	13.7	2.67	3.5	36	<20	<50	0.01	3
D64768 (421948)		<1	1.43	8	12	0.18	180	9.4	3.96	0.8	176	<20	<50	0.01	<1
D64769 (421949)		<1	4.00	7	4	0.06	64	15.1	2.99	1.4	23	24	<50	<0.01	<1
D64770 (421950)		<1	3.44	3	4	0.07	254	16.8	3.01	1.9	44	25	<50	0.01	2
D64771 (421951)		<1	1.37	9	27	0.24	208	13.1	4.18	1.1	252	<20	<50	0.01	<1
D64772 (421952)		5	0.02	<2	<1	1.74	49	<0.5	0.04	<0.5	94	<20	<50	<0.01	<1
D64773 (421953)		<1	1.27	23	14	0.31	211	9.2	4.12	2.2	251	<20	<50	0.03	<1
D64774 (421954)		<1	1.48	9	13	0.22	155	12.0	4.13	1.5	230	<20	<50	0.02	<1
D64775 (421955)		<1	1.85	13	14	0.49	218	9.9	4.09	7.5	216	<20	<50	0.09	<1
D64776 (421956)		<1	1.20	9	85	1.70	460	12.8	3.76	69.5	242	<20	<50	0.05	<1
D64777 (421957)		<1	1.68	8	10	0.25	222	13.0	3.96	2.1	234	<20	<50	<0.01	<1
D64778 (421958)		<1	1.67	9	10	0.25	222	12.3	3.92	1.9	227	<20	<50	<0.01	<1
D64779 (421959)		<1	3.35	9	17	0.21	190	13.4	3.22	3.4	218	<20	<50	0.01	<1
D64780 (421960)		<1	1.22	10	24	0.39	231	9.5	3.99	4.9	321	<20	<50	0.02	<1
D64781 (421961)		<1	1.34	5	19	0.28	166	12.6	4.13	2.8	299	<20	<50	0.03	<1
D64782 (421962)		<1	1.27	9	18	0.36	208	9.9	3.83	3.8	341	<20	<50	0.02	1
D64783 (421963)		<1	1.34	13	24	0.35	180	13.0	3.81	6.3	258	<20	<50	0.02	<1
D64784 (421964)		<1	1.54	7	28	0.61	306	9.0	4.13	12.1	289	<20	<50	0.02	<1
D64785 (421965)		<1	1.50	9	27	0.70	341	11.1	4.00	13.9	356	<20	<50	0.02	<1
D64786 (421966)		<1	0.20	5	12	4.15	1370	<0.5	2.29	83.8	391	<20	<50	0.16	<1
D64787 (421967)		<1	2.00	8	26	0.44	251	9.9	3.88	9.3	247	<20	<50	0.07	<1
D64788 (421968)		<1	1.58	13	26	0.71	395	12.1	3.86	18.4	236	<20	<50	0.03	<1
D64789 (421969)		<1	1.59	8	22	0.53	244	10.3	4.14	12.8	341	<20	<50	0.01	2
D64790 (421970)		<1	2.46	30	205	4.16	1020	4.5	2.18	295	3730	<20	<50	0.06	<1

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T502971

PROJECT: AGAT00729

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 07, 2019

DATE RECEIVED: Aug 08, 2019

DATE REPORTED: Aug 28, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D64791 (421971)		<1	3.34	25	15	0.70	275	8.4	3.33	14.5	604	<20	<50	0.01	<1
D64792 (421972)		1	0.02	<2	<1	2.50	55	<0.5	0.04	<0.5	75	<20	<50	0.01	<1
D64793 (421973)		<1	1.46	12	25	0.52	235	9.0	3.87	9.2	287	<20	<50	0.01	<1
D64794 (421974)		<1	1.25	13	28	0.67	437	0.9	3.77	16.7	250	<20	<50	0.01	<1
D64795 (421975)		<1	1.67	41	17	0.49	264	12.0	3.97	7.2	237	<20	<50	0.02	<1
D64796 (421976)		<1	1.32	14	18	0.39	207	8.6	4.11	5.4	305	<20	<50	0.02	<1
D64797 (421977)		<1	1.94	5	11	0.21	130	11.9	3.74	2.3	174	<20	<50	0.01	<1
D64798 (421978)		<1	2.00	4	10	0.20	126	12.7	3.59	2.1	178	<20	<50	0.01	<1
D64799 (421979)		<1	1.32	10	20	0.42	229	10.7	4.03	6.9	232	<20	<50	0.01	<1
D64800 (421980)		<1	1.36	8	33	0.40	220	9.5	4.08	7.8	322	<20	<50	0.01	<1
D64801 (421981)		<1	1.10	8	27	0.42	226	12.3	4.24	7.3	300	<20	<50	0.01	<1
D64802 (421982)		<1	1.21	8	15	0.31	175	9.9	4.00	3.4	274	<20	<50	0.02	<1
D64803 (421983)		<1	1.27	11	12	0.54	268	13.5	4.41	3.4	376	<20	<50	0.02	<1
D64804 (421984)		<1	1.41	9	14	0.38	190	9.7	4.10	4.6	270	<20	<50	0.02	<1
D64805 (421985)		<1	1.12	11	29	0.35	182	12.1	4.21	2.9	304	<20	<50	0.01	<1
D64806 (421986)		<1	0.45	11	10	4.18	1310	<0.5	2.37	112	913	<20	<50	0.09	<1
D64807 (421987)		<1	1.47	12	23	0.32	189	10.8	3.83	3.7	292	<20	<50	0.02	<1
D64808 (421988)		<1	0.97	14	23	0.31	179	12.0	4.30	1.9	355	<20	<50	0.03	<1
D64809 (421989)		<1	1.12	10	30	0.41	207	9.8	4.22	5.8	293	<20	<50	0.04	<1
D64810 (421990)		<1	1.05	8	30	0.47	215	12.7	4.11	7.1	334	<20	<50	0.02	<1
D64811 (421991)		<1	1.11	8	23	0.61	198	8.0	4.31	8.3	438	<20	<50	0.04	<1
D64812 (421992)		4	0.01	<2	1	3.50	72	<0.5	0.05	<0.5	89	<20	<50	<0.01	<1
D64813 (421993)		<1	2.75	5	12	0.45	160	12.6	3.30	7.1	245	<20	<50	0.03	<1
D64815 (421994)		<1	1.02	6	27	1.24	314	5.5	4.57	19.2	662	<20	<50	0.02	<1
D64816 (421995)		<1	1.39	9	20	0.90	251	9.9	4.26	13.3	519	<20	<50	0.02	<1
D64817 (421996)		<1	1.22	9	38	0.97	341	6.6	4.41	14.1	555	<20	<50	0.03	<1
D64818 (421997)		<1	1.25	9	39	0.98	345	6.3	4.43	14.7	585	<20	<50	0.04	<1
D64819 (421998)		<1	1.04	11	30	0.58	278	11.2	4.25	8.3	443	<20	<50	0.02	<1
D64820 (421999)		<1	1.71	13	31	0.50	248	7.6	4.16	7.3	378	<20	<50	0.02	<1
D64821 (422000)		<1	1.36	12	32	0.72	240	11.4	4.20	23.6	400	<20	<50	0.03	<1
D64822 (422001)		<1	1.35	13	30	0.57	221	9.4	4.21	12.1	2220	<20	<50	0.04	<1
D64823 (422002)		<1	3.12	90	78	8.40	1420	2.8	1.20	301	3110	<20	<50	0.12	<1

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## Certificate of Analysis

AGAT WORK ORDER: 19T502971

PROJECT: AGAT00729

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 07, 2019		DATE RECEIVED: Aug 08, 2019					DATE REPORTED: Aug 28, 2019					SAMPLE TYPE: Drill Core				
Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1	
D64824 (422003)		<1	2.89	65	191	6.10	1110	2.7	1.94	195	2370	<20	<50	0.18	<1	
D64825 (422004)		<1	1.77	19	17	0.36	172	12.4	4.16	5.3	254	<20	<50	0.02	<1	
D64826 (422005)		<1	0.47	11	11	4.30	1360	<0.5	2.40	108	926	<20	<50	0.09	<1	
D64827 (422006)		<1	1.95	14	31	0.40	160	9.1	4.11	8.2	255	<20	<50	0.03	<1	
D64828 (422007)		<1	1.55	11	19	0.36	185	12.7	4.21	4.5	313	<20	<50	0.02	<1	
D64829 (422008)		<1	1.68	10	13	0.28	184	8.1	4.12	3.4	220	<20	<50	0.01	<1	
D64830 (422009)		<1	1.79	11	14	0.34	173	12.9	3.95	4.6	268	<20	<50	0.02	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 07, 2019	DATE RECEIVED: Aug 08, 2019					DATE REPORTED: Aug 28, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D64759 (421939)	6	<10	<5	367	<10	<10	<5	0.10	<5	<50	28.4	<1	5	35.6	
D64760 (421940)	4	<10	<5	421	<10	<10	<5	0.12	<5	<50	19.8	<1	4	45.2	
D64761 (421941)	3	<10	<5	405	<10	<10	<5	0.12	<5	<50	20.0	<1	3	41.0	
D64762 (421942)	6	<10	<5	379	<10	<10	18	0.11	<5	<50	25.1	<1	6	34.7	
D64763 (421943)	5	<10	<5	384	<10	<10	<5	0.11	<5	<50	20.1	<1	4	41.1	
D64764 (421944)	3	<10	<5	394	<10	<10	<5	0.13	<5	<50	17.1	<1	3	50.7	
D64765 (421945)	3	<10	<5	324	<10	<10	<5	0.11	<5	<50	15.5	<1	4	46.6	
D64766 (421946)	34	<10	<5	247	<10	<10	<5	0.88	<5	<50	238	<1	22	87.7	
D64767 (421947)	5	<10	<5	148	<10	<10	20	0.04	<5	<50	11.8	<1	4	20.8	
D64768 (421948)	3	<10	<5	211	<10	<10	<5	0.08	<5	<50	10.8	<1	4	39.9	
D64769 (421949)	<1	<10	<5	70	<10	<10	18	0.02	<5	<50	4.0	<1	2	12.1	
D64770 (421950)	3	<10	<5	73	<10	<10	8	0.02	<5	<50	10.8	<1	12	16.5	
D64771 (421951)	2	<10	<5	375	<10	<10	<5	0.11	<5	<50	15.0	<1	3	42.9	
D64772 (421952)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	2.1	3	2	2.4	
D64773 (421953)	3	<10	<5	416	<10	<10	<5	0.11	<5	<50	19.1	<1	4	38.3	
D64774 (421954)	2	<10	<5	384	<10	<10	<5	0.10	<5	<50	12.1	<1	2	33.7	
D64775 (421955)	5	<10	<5	376	<10	<10	<5	0.14	<5	<50	42.5	<1	4	30.5	
D64776 (421956)	8	<10	<5	436	<10	<10	<5	0.20	<5	<50	64.6	<1	7	22.6	
D64777 (421957)	2	<10	<5	347	<10	<10	<5	0.11	<5	<50	14.4	<1	5	35.5	
D64778 (421958)	2	<10	<5	343	<10	<10	<5	0.10	<5	<50	15.0	<1	4	36.8	
D64779 (421959)	2	<10	<5	346	<10	<10	<5	0.07	<5	<50	11.6	<1	4	25.3	
D64780 (421960)	3	<10	<5	430	<10	<10	<5	0.12	<5	<50	19.5	<1	3	43.0	
D64781 (421961)	2	<10	<5	427	<10	<10	<5	0.10	<5	<50	15.9	<1	2	35.0	
D64782 (421962)	2	<10	<5	416	<10	<10	<5	0.10	<5	<50	21.9	<1	3	36.8	
D64783 (421963)	3	<10	<5	416	<10	<10	<5	0.11	<5	<50	17.6	<1	2	37.4	
D64784 (421964)	5	<10	<5	448	<10	<10	<5	0.17	<5	<50	30.1	<1	5	49.1	
D64785 (421965)	6	<10	<5	461	<10	<10	<5	0.16	<5	<50	35.7	<1	7	50.6	
D64786 (421966)	44	<10	<5	110	<10	<10	<5	0.66	<5	<50	302	<1	22	77.8	
D64787 (421967)	3	<10	<5	423	<10	<10	<5	0.13	<5	<50	21.2	<1	3	41.6	
D64788 (421968)	5	<10	<5	416	<10	<10	<5	0.12	<5	<50	25.8	<1	5	45.1	
D64789 (421969)	4	<10	<5	404	<10	<10	<5	0.11	<5	<50	21.4	<1	4	34.9	
D64790 (421970)	40	<10	<5	703	<10	<10	<5	0.39	<5	<50	228	<1	25	32.4	

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## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 07, 2019	DATE RECEIVED: Aug 08, 2019					DATE REPORTED: Aug 28, 2019					SAMPLE TYPE: Drill Core				
Analyte: Unit: RDL:	Sc ppm 1	Se ppm 10	Sn ppm 5	Sr ppm 1	Ta ppm 10	Te ppm 10	Th ppm 5	Ti % 0.01	Tl ppm 5	U ppm 50	V ppm 0.5	W ppm 1	Y ppm 1	Zn ppm 0.5	
Sample ID (AGAT ID)	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D64791 (421971)	8	<10	<5	349	<10	<10	<5	0.12	<5	<50	33.3	<1	6	29.1	
D64792 (421972)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.9	2	2	3.4	
D64793 (421973)	4	<10	<5	417	<10	<10	<5	0.13	<5	<50	21.5	<1	3	42.1	
D64794 (421974)	5	<10	<5	408	<10	<10	<5	0.12	<5	<50	27.6	<1	4	41.9	
D64795 (421975)	4	<10	<5	440	<10	<10	18	0.13	<5	<50	22.9	<1	7	37.2	
D64796 (421976)	3	<10	<5	463	<10	<10	<5	0.13	<5	<50	23.3	<1	4	40.7	
D64797 (421977)	1	<10	<5	437	<10	<10	<5	0.08	<5	<50	13.0	<1	2	26.7	
D64798 (421978)	1	<10	<5	421	<10	<10	<5	0.08	<5	<50	14.3	<1	2	25.4	
D64799 (421979)	4	<10	<5	452	<10	<10	<5	0.11	<5	<50	20.1	<1	3	40.7	
D64800 (421980)	4	<10	<5	449	<10	<10	<5	0.13	<5	<50	19.9	<1	2	42.1	
D64801 (421981)	4	<10	<5	469	<10	<10	<5	0.14	<5	<50	18.0	<1	2	46.8	
D64802 (421982)	2	<10	<5	477	<10	<10	<5	0.13	<5	<50	19.7	<1	2	39.3	
D64803 (421983)	3	<10	<5	481	<10	<10	<5	0.12	<5	<50	19.4	<1	5	34.5	
D64804 (421984)	3	<10	<5	429	<10	<10	<5	0.12	<5	<50	20.4	<1	4	31.5	
D64805 (421985)	3	<10	<5	481	<10	<10	<5	0.13	<5	<50	21.7	<1	3	42.4	
D64806 (421986)	35	<10	<5	246	<10	<10	<5	0.87	<5	<50	246	<1	23	88.4	
D64807 (421987)	3	<10	<5	413	<10	<10	<5	0.12	<5	<50	17.7	<1	3	40.8	
D64808 (421988)	2	<10	<5	468	<10	<10	<5	0.13	<5	<50	18.1	<1	3	42.6	
D64809 (421989)	3	<10	<5	502	<10	<10	<5	0.13	<5	<50	19.6	<1	2	49.6	
D64810 (421990)	3	<10	<5	507	<10	<10	<5	0.14	<5	<50	23.0	<1	3	51.6	
D64811 (421991)	5	<10	<5	604	<10	<10	<5	0.20	<5	<50	38.6	<1	4	47.6	
D64812 (421992)	<1	<10	<5	61	<10	<10	<5	<0.01	<5	<50	2.5	2	2	3.3	
D64813 (421993)	3	<10	<5	454	<10	<10	<5	0.10	<5	<50	25.7	<1	4	27.7	
D64815 (421994)	10	<10	<5	720	<10	<10	<5	0.28	<5	<50	71.1	<1	6	69.7	
D64816 (421995)	7	<10	<5	693	<10	<10	<5	0.23	<5	<50	54.4	<1	5	54.9	
D64817 (421996)	8	<10	<5	613	<10	<10	<5	0.23	<5	<50	55.7	<1	8	63.9	
D64818 (421997)	8	<10	<5	612	<10	<10	<5	0.23	<5	<50	58.6	<1	8	63.5	
D64819 (421998)	4	<10	<5	508	<10	<10	<5	0.16	<5	<50	34.1	<1	4	51.0	
D64820 (421999)	4	<10	<5	478	<10	<10	<5	0.16	<5	<50	26.6	<1	3	53.2	
D64821 (422000)	3	<10	<5	463	<10	<10	<5	0.13	<5	<50	25.6	<1	3	42.0	
D64822 (422001)	4	<10	<5	583	<10	<10	<5	0.14	<5	<50	35.2	<1	7	38.8	
D64823 (422002)	21	<10	<5	959	<10	<10	<5	1.50	<5	<50	226	<1	28	75.4	

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## Certificate of Analysis

AGAT WORK ORDER: 19T502971

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 07, 2019		DATE RECEIVED: Aug 08, 2019					DATE REPORTED: Aug 28, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U	V	W	Y	Zn		
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm		
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5		
Sample ID (AGAT ID)																
D64824 (422003)	24	<10	<5	842	<10	<10	<5	1.01	<5	<50	212	<1	24	73.8		
D64825 (422004)	3	<10	<5	408	<10	<10	<5	0.08	<5	<50	21.0	<1	7	33.5		
D64826 (422005)	35	<10	<5	248	<10	<10	<5	0.87	<5	<50	248	<1	23	90.1		
D64827 (422006)	3	<10	<5	436	<10	<10	<5	0.10	<5	<50	18.0	<1	4	27.9		
D64828 (422007)	2	<10	<5	455	<10	<10	<5	0.12	<5	<50	18.9	<1	3	38.9		
D64829 (422008)	2	<10	<5	420	<10	<10	<5	0.10	<5	<50	15.8	<1	4	33.5		
D64830 (422009)	2	<10	<5	414	<10	<10	<5	0.10	<5	<50	16.8	<1	4	32.0		

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CLIENT NAME: GOLDCORP BORDEN LIMITED

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 07, 2019

DATE RECEIVED: Aug 08, 2019

DATE REPORTED: Aug 28, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D64759 (421939)			64
D64760 (421940)			78
D64761 (421941)			63
D64762 (421942)			61
D64763 (421943)			69
D64764 (421944)			85
D64765 (421945)			81
D64766 (421946)			91
D64767 (421947)			52
D64768 (421948)			87
D64769 (421949)			65
D64770 (421950)			50
D64771 (421951)			72
D64772 (421952)			<5
D64773 (421953)			53
D64774 (421954)			58
D64775 (421955)			68
D64776 (421956)			165
D64777 (421957)			59
D64778 (421958)			58
D64779 (421959)			59
D64780 (421960)			46
D64781 (421961)			60
D64782 (421962)			52
D64783 (421963)			40
D64784 (421964)			72
D64785 (421965)			55
D64786 (421966)			54
D64787 (421967)			64
D64788 (421968)			43
D64789 (421969)			49
D64790 (421970)			24

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CLIENT NAME: GOLDCORP BORDEN LIMITED

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 07, 2019      DATE RECEIVED: Aug 08, 2019      DATE REPORTED: Aug 28, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D64791 (421971)				36
D64792 (421972)				<5
D64793 (421973)				47
D64794 (421974)				41
D64795 (421975)				45
D64796 (421976)				83
D64797 (421977)				67
D64798 (421978)				58
D64799 (421979)				50
D64800 (421980)				36
D64801 (421981)				39
D64802 (421982)				45
D64803 (421983)				54
D64804 (421984)				63
D64805 (421985)				68
D64806 (421986)				94
D64807 (421987)				70
D64808 (421988)				89
D64809 (421989)				34
D64810 (421990)				50
D64811 (421991)				53
D64812 (421992)				<5
D64813 (421993)				45
D64815 (421994)				55
D64816 (421995)				47
D64817 (421996)				68
D64818 (421997)				66
D64819 (421998)				64
D64820 (421999)				63
D64821 (422000)				54
D64822 (422001)				44
D64823 (422002)				125

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T502971

PROJECT: AGAT00729

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 07, 2019

DATE RECEIVED: Aug 08, 2019

DATE REPORTED: Aug 28, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
Sample ID (AGAT ID)	RDL:
	5
D64824 (422003)	142
D64825 (422004)	41
D64826 (422005)	95
D64827 (422006)	56
D64828 (422007)	43
D64829 (422008)	47
D64830 (422009)	51

Comments: RDL - Reported Detection Limit

421939-422009 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T502971

PROJECT: AGAT00729

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 07, 2019      DATE RECEIVED: Aug 08, 2019      DATE REPORTED: Aug 28, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au	ppm	0.001	
D64759 (421939)				0.005
D64760 (421940)				0.004
D64761 (421941)				0.002
D64762 (421942)				0.003
D64763 (421943)				0.002
D64764 (421944)				0.002
D64765 (421945)				0.002
D64766 (421946)				0.332
D64767 (421947)				0.002
D64768 (421948)				0.002
D64769 (421949)				0.003
D64770 (421950)				0.002
D64771 (421951)				0.002
D64772 (421952)				0.002
D64773 (421953)				0.002
D64774 (421954)				0.003
D64775 (421955)				0.002
D64776 (421956)				0.003
D64777 (421957)				0.002
D64778 (421958)				0.003
D64779 (421959)				0.002
D64780 (421960)				0.002
D64781 (421961)				0.002
D64782 (421962)				0.003
D64783 (421963)				0.003
D64784 (421964)				0.002
D64785 (421965)				0.002
D64786 (421966)				0.523
D64787 (421967)				0.002
D64788 (421968)				0.002
D64789 (421969)				0.002
D64790 (421970)				0.003

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T502971

PROJECT: AGAT00729

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 07, 2019

DATE RECEIVED: Aug 08, 2019

DATE REPORTED: Aug 28, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D64791 (421971)			0.002
D64792 (421972)			0.002
D64793 (421973)			0.002
D64794 (421974)			0.003
D64795 (421975)			0.003
D64796 (421976)			0.002
D64797 (421977)			0.002
D64798 (421978)			0.002
D64799 (421979)			0.002
D64800 (421980)			0.002
D64801 (421981)			0.002
D64802 (421982)			0.002
D64803 (421983)			0.002
D64804 (421984)			0.002
D64805 (421985)			0.003
D64806 (421986)			0.340
D64807 (421987)			0.002
D64808 (421988)			0.002
D64809 (421989)			0.002
D64810 (421990)			0.002
D64811 (421991)			0.002
D64812 (421992)			0.002
D64813 (421993)			0.002
D64815 (421994)			0.002
D64816 (421995)			0.002
D64817 (421996)			0.002
D64818 (421997)			0.002
D64819 (421998)			0.002
D64820 (421999)			0.002
D64821 (422000)			0.004
D64822 (422001)			0.002
D64823 (422002)			0.003

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T502971

PROJECT: AGAT00729

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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 07, 2019

DATE RECEIVED: Aug 08, 2019

DATE REPORTED: Aug 28, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D64824 (422003)			0.003
D64825 (422004)			0.002
D64826 (422005)			0.345
D64827 (422006)			0.002
D64828 (422007)			0.002
D64829 (422008)			0.002
D64830 (422009)			0.002

 Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T502971

PROJECT: AGAT00729

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 07, 2019

DATE RECEIVED: Aug 08, 2019

DATE REPORTED: Aug 28, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL:
	0.01
D64759 (421939)	81.22
D64778 (421958)	83.05
D64797 (421977)	84.23
D64819 (421998)	83.54

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T502971

PROJECT: AGAT00729

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Aug 07, 2019

DATE RECEIVED: Aug 08, 2019

DATE REPORTED: Aug 28, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D64759 (421939)		87.26
D64800 (421980)		89.51

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	421939	< 0.5	< 0.5	0.0%	421953	< 0.5	< 0.5	0.0%	421964	< 0.5	< 0.5	0.0%	421978	< 0.5	< 0.5	0.0%
Al	421939	7.45	7.69	3.2%	421953	7.73	7.84	1.4%	421964	8.35	7.99	4.4%	421978	7.68	7.62	0.8%
As	421939	3	4	28.6%	421953	2	3		421964	< 1	< 1	0.0%	421978	< 1	1	
Ba	421939	319	341	6.7%	421953	490	491	0.2%	421964	360	352	2.2%	421978	647	642	0.8%
Be	421939	1.4	1.4	0.0%	421953	0.9	0.9	0.0%	421964	1.0	1.0	0.0%	421978	0.9	0.9	0.0%
Bi	421939	< 1	< 1	0.0%	421953	< 1	< 1	0.0%	421964	< 1	< 1	0.0%	421978	< 1	< 1	0.0%
Ca	421939	1.94	1.99	2.5%	421953	1.89	1.89	0.0%	421964	2.09	2.02	3.4%	421978	1.56	1.55	0.6%
Cd	421939	< 0.5	< 0.5	0.0%	421953	< 0.5	< 0.5	0.0%	421964	< 0.5	< 0.5	0.0%	421978	< 0.5	< 0.5	0.0%
Ce	421939	42	45	6.9%	421953	51	52	1.9%	421964	14	15	6.9%	421978	8	8	0.0%
Co	421939	4.7	4.4	6.6%	421953	2.9	2.9	0.0%	421964	5.1	5.2	1.9%	421978	2.48	2.01	20.9%
Cr	421939	117	107	8.9%	421953	70.2	73.1	4.0%	421964	83.2	79.4	4.7%	421978	90.0	88.4	1.8%
Cu	421939	3.6	3.9	8.0%	421953	13.4	13.6	1.5%	421964	7.41	8.01	7.8%	421978	5.99	5.54	7.8%
Fe	421939	1.67	1.70	1.8%	421953	1.31	1.33	1.5%	421964	1.76	1.65	6.5%	421978	0.96	0.97	1.0%
Ga	421939	21	20	4.9%	421953	20	19	5.1%	421964	22	21	4.7%	421978	18	18	0.0%
In	421939	< 1	< 1	0.0%	421953	< 1	< 1	0.0%	421964	< 1	< 1	0.0%	421978	< 1	< 1	0.0%
K	421939	1.73	1.79	3.4%	421953	1.27	1.29	1.6%	421964	1.54	1.45	6.0%	421978	2.00	1.99	0.5%
La	421939	18	19	5.4%	421953	23	23	0.0%	421964	7	7	0.0%	421978	4	4	0.0%
Li	421939	12	13	8.0%	421953	14	15	6.9%	421964	28	27	3.6%	421978	10	11	9.5%
Mg	421939	0.43	0.44	2.3%	421953	0.31	0.31	0.0%	421964	0.607	0.573	5.8%	421978	0.20	0.20	0.0%
Mn	421939	289	296	2.4%	421953	211	216	2.3%	421964	306	310	1.3%	421978	126	127	0.8%
Mo	421939	16.3	14.4	12.4%	421953	9.2	9.6	4.3%	421964	9.0	11.0	20.0%	421978	12.7	13.1	3.1%
Na	421939	3.88	3.98	2.5%	421953	4.12	4.15	0.7%	421964	4.13	4.00	3.2%	421978	3.59	3.68	2.5%
Ni	421939	9.1	8.8	3.4%	421953	2.2	2.6	16.7%	421964	12.1	11.8	2.5%	421978	2.11	1.85	13.1%
P	421939	224	231	3.1%	421953	251	241	4.1%	421964	289	288	0.3%	421978	178	169	5.2%
Pb	421939	< 20	< 20	0.0%	421953	< 20	< 20	0.0%	421964	< 20	< 20	0.0%	421978	< 20	< 20	0.0%
Rb	421939	< 50	< 50	0.0%	421953	< 50	< 50	0.0%	421964	< 50	< 50	0.0%	421978	< 50	< 50	0.0%
S	421939	0.03	0.03	0.0%	421953	0.03	0.03	0.0%	421964	0.02	0.02	0.0%	421978	0.01	0.01	0.0%
Sb	421939	< 1	< 1	0.0%	421953	< 1	< 1	0.0%	421964	< 1	< 1	0.0%	421978	< 1	< 1	0.0%
Sc	421939	6	6	0.0%	421953	3	3	0.0%	421964	5	5	0.0%	421978	1	1	0.0%
Se	421939	< 10	< 10	0.0%	421953	< 10	< 10	0.0%	421964	< 10	< 10	0.0%	421978	< 10	< 10	0.0%
Sn	421939	< 5	< 5	0.0%	421953	< 5	< 5	0.0%	421964	< 5	< 5	0.0%	421978	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	421939	367	380	3.5%	421953	416	418	0.5%	421964	448	433	3.4%	421978	421	431	2.3%
Ta	421939	< 10	< 10	0.0%	421953	< 10	< 10	0.0%	421964	< 10	< 10	0.0%	421978	< 10	< 10	0.0%
Te	421939	< 10	< 10	0.0%	421953	< 10	< 10	0.0%	421964	< 10	< 10	0.0%	421978	< 10	< 10	0.0%
Th	421939	< 5	< 5	0.0%	421953	< 5	< 5	0.0%	421964	< 5	< 5	0.0%	421978	< 5	< 5	0.0%
Ti	421939	0.10	0.10	0.0%	421953	0.11	0.11	0.0%	421964	0.166	0.159	4.3%	421978	0.08	0.08	0.0%
Tl	421939	< 5	< 5	0.0%	421953	< 5	< 5	0.0%	421964	< 5	< 5	0.0%	421978	< 5	< 5	0.0%
U	421939	< 50	< 50	0.0%	421953	< 50	< 50	0.0%	421964	< 50	< 50	0.0%	421978	< 50	< 50	0.0%
V	421939	28.4	27.4	3.6%	421953	19.1	17.9	6.5%	421964	30.1	30.3	0.7%	421978	14.3	14.0	2.1%
W	421939	< 1	< 1	0.0%	421953	< 1	< 1	0.0%	421964	< 1	< 1	0.0%	421978	< 1	< 1	0.0%
Y	421939	5	5	0.0%	421953	4	4	0.0%	421964	5	5	0.0%	421978	2	2	0.0%
Zn	421939	35.6	37.2	4.4%	421953	38.3	37.9	1.0%	421964	49.1	47.0	4.4%	421978	25.4	25.7	1.2%
Zr	421939	64	65	1.6%	421953	53	53	0.0%	421964	72	67	7.2%	421978	58	70	18.8%

Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	421989	< 0.5	< 0.5	0.0%	422003	< 0.5	< 0.5	0.0%								
Al	421989	8.38	8.13	3.0%	422003	3.57	3.76	5.2%								
As	421989	2	< 1		422003	9	8	11.8%								
Ba	421989	335	326	2.7%	422003	603	615	2.0%								
Be	421989	0.7	0.7	0.0%	422003	4.45	4.74	6.3%								
Bi	421989	< 1	< 1	0.0%	422003	< 1	< 1	0.0%								
Ca	421989	2.05	2.01	2.0%	422003	8.91	9.16	2.8%								
Cd	421989	< 0.5	< 0.5	0.0%	422003	< 0.5	< 0.5	0.0%								
Ce	421989	20	19	5.1%	422003	150	153	2.0%								
Co	421989	3.91	3.83	2.1%	422003	43.2	45.3	4.7%								
Cr	421989	84.3	84.4	0.1%	422003	341	348	2.0%								
Cu	421989	27.4	27.4	0.0%	422003	75.8	78.3	3.2%								
Fe	421989	1.49	1.44	3.4%	422003	6.01	6.32	5.0%								
Ga	421989	21	20	4.9%	422003	18	19	5.4%								
In	421989	< 1	< 1	0.0%	422003	< 1	< 1	0.0%								
K	421989	1.12	1.08	3.6%	422003	2.89	3.04	5.1%								
La	421989	10	9	10.5%	422003	65	66	1.5%								
Li	421989	30	29	3.4%	422003	191	201	5.1%								
Mg	421989	0.41	0.39	5.0%	422003	6.10	6.41	5.0%								
Mn	421989	207	195	6.0%	422003	1110	1160	4.4%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	421989	9.8	9.6	2.1%	422003	2.7	2.7	0.0%								
Na	421989	4.22	4.05	4.1%	422003	1.94	1.99	2.5%								
Ni	421989	5.76	5.73	0.5%	422003	195	199	2.0%								
P	421989	293	306	4.3%	422003	2370	2430	2.5%								
Pb	421989	< 20	< 20	0.0%	422003	< 20	< 20	0.0%								
Rb	421989	< 50	< 50	0.0%	422003	< 50	< 50	0.0%								
S	421989	0.04	0.04	0.0%	422003	0.18	0.18	0.0%								
Sb	421989	< 1	< 1	0.0%	422003	< 1	< 1	0.0%								
Sc	421989	3	2		422003	24	25	4.1%								
Se	421989	< 10	< 10	0.0%	422003	< 10	< 10	0.0%								
Sn	421989	< 5	< 5	0.0%	422003	< 5	< 5	0.0%								
Sr	421989	502	481	4.3%	422003	842	846	0.5%								
Ta	421989	< 10	< 10	0.0%	422003	< 10	< 10	0.0%								
Te	421989	< 10	< 10	0.0%	422003	< 10	< 10	0.0%								
Th	421989	< 5	< 5	0.0%	422003	< 5	< 5	0.0%								
Ti	421989	0.13	0.13	0.0%	422003	1.01	1.02	1.0%								
Tl	421989	< 5	< 5	0.0%	422003	< 5	< 5	0.0%								
U	421989	< 50	< 50	0.0%	422003	< 50	< 50	0.0%								
V	421989	19.6	18.7	4.7%	422003	212	217	2.3%								
W	421989	< 1	< 1	0.0%	422003	< 1	< 1	0.0%								
Y	421989	2	2	0.0%	422003	24	25	4.1%								
Zn	421989	49.6	47.4	4.5%	422003	73.8	75.7	2.5%								
Zr	421989	34	32	6.1%	422003	142	129	9.6%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	421939	0.005	0.007		421953	0.002	0.002	0.0%	421964	0.002	0.002	0.0%	421978	0.002	0.002	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	421989	0.002	0.002	0.0%	422003	0.0030	0.0023	26.4%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP5G)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	3.29	108%	90% - 110%
Al	10.95	10.98	100%	90% - 110%	8.17	8.1	99%	90% - 110%	6.96	6.77	97%	90% - 110%	4.75	4.68	98%	90% - 110%
As					26	26	99%	90% - 110%	124	126	101%	90% - 110%				
Ba	340	328	97%	90% - 110%	540	510	94%	90% - 110%	186	175	94%	90% - 110%	216	222	103%	90% - 110%
Be	2.6	2.7	103%	90% - 110%	4.0	2.9	72%	90% - 110%								
Ca	5.72	5.45	95%	90% - 110%	0.907	0.852	94%	90% - 110%	4.01	3.64	91%	90% - 110%	10	9	90%	90% - 110%
Ce	122	118	96%	90% - 110%	98	101	103%	90% - 110%	24	23	97%	90% - 110%				
Co	2.8	2.1	76%	90% - 110%					22.1	22.1	100%	90% - 110%	191	183	96%	90% - 110%
Cr					60.3	64.5	107%	90% - 110%					670	608	91%	90% - 110%
Cu					150	148	99%	90% - 110%	88.6	83.2	94%	90% - 110%	7120	6969	98%	90% - 110%
Fe	4.34	4.16	96%	90% - 110%	3.77	3.67	97%	90% - 110%	7.56	7.1	94%	90% - 110%	12.71	11.87	93%	90% - 110%
Ga	35	35	100%	90% - 110%												
K	1.37	1.45	105%	90% - 110%					2.021	2.063	102%	90% - 110%	0.1021	0.1093	107%	90% - 110%
La	58	54	92%	90% - 110%	44	43	98%	90% - 110%					8.47	9.8	116%	90% - 110%
Li	37	39	105%	90% - 110%	47	46	98%	90% - 110%								
Mg	0.325	0.303	93%	90% - 110%	1.10	1.04	95%	90% - 110%	2.412	2.304	96%	90% - 110%	7.41	6.91	93%	90% - 110%
Mn					780	745	95%	90% - 110%	1510	1417	94%	90% - 110%				
Mo					14	13	90%	90% - 110%								
Na	5.267	5.461	104%	90% - 110%	1.624	1.688	104%	90% - 110%	0.617	0.618	100%	90% - 110%	0.112	0.121	108%	90% - 110%
Ni					32	31	98%	90% - 110%	77.1	71.6	93%	90% - 110%	2480	2168	87%	90% - 110%
P					750	735	98%	90% - 110%	892	932	105%	90% - 110%	731	736	101%	90% - 110%
Pb					31	22	72%	90% - 110%								
S									0.348	0.316	91%	90% - 110%				
Sc	1.1	0.9	80%	90% - 110%	12	12	102%	90% - 110%					21.33	21.84	102%	90% - 110%
Sr	1191	1161	97%	90% - 110%	144	146	102%	90% - 110%	92.8	85.7	92%	90% - 110%	39	37	94%	90% - 110%
Ti	0.172	0.168	98%	90% - 110%	0.53	0.48	90%	90% - 110%					0.419	0.4	95%	90% - 110%
V	8	7	85%	90% - 110%	77	78	102%	90% - 110%					158	159	101%	90% - 110%
Y	119	118	99%	90% - 110%									12.67	13.46	106%	90% - 110%
Zn	93	93	100%	90% - 110%	130	119	91%	90% - 110%	208	194	93%	90% - 110%	112	103	92%	90% - 110%
Zr													35.7	37.7	106%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP5G)				CRM #4 (ref.1P5R)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.27	5.34	101%	90% - 110%	6.87	6.93	101%	90% - 110%	0.562	0.57	101%	90% - 110%	1.81	1.72	95%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00729  
 SAMPLING SITE:

AGAT WORK ORDER: 19T502971  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00731

AGAT WORK ORDER: 19T503692

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Sep 09, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.





## Certificate of Analysis

AGAT WORK ORDER: 19T503692

PROJECT: AGAT00731

5623 McADAM ROAD  
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 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 09, 2019      DATE RECEIVED: Aug 10, 2019      DATE REPORTED: Sep 09, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D64831 (427850)		2.16
D64832 (427851)		0.51
D64833 (427852)		1.99
D64834 (427853)		2.19
D64835 (427854)		2.15
D64836 (427855)		1.05
D64837 (427856)		0.71
D64838 (427857)		0.70
D64839 (427858)		1.22
D64840 (427859)		1.67
D64841 (427860)		2.10
D64842 (427861)		2.37
D64843 (427862)		2.18
D64844 (427863)		2.15
D64845 (427864)		1.84
D64846 (427865)		0.07
D64847 (427866)		2.19
D64848 (427867)		2.18
D64849 (427868)		2.36
D64850 (427869)		2.20
D64851 (427870)		2.24
D64852 (427871)		0.56
D64853 (427872)		2.32
D64854 (427873)		2.18
D64855 (427874)		2.16
D64856 (427875)		2.55
D64857 (427876)		0.71
D64858 (427877)		0.71
D64859 (427878)		1.16
D64860 (427879)		2.16
D64861 (427880)		2.21

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T503692

PROJECT: AGAT00731

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 09, 2019      DATE RECEIVED: Aug 10, 2019      DATE REPORTED: Sep 09, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D64862 (427881)		2.19
D64863 (427882)		1.08
D64864 (427883)		0.88
D64865 (427884)		0.95
D64866 (427885)		0.07
D64867 (427886)		1.46
D64868 (427887)		0.89
D64869 (427888)		1.28
D64870 (427889)		1.71
D64871 (427890)		1.29
D64872 (427891)		0.57
D64873 (427892)		1.45
D64874 (427893)		2.18
D64875 (427894)		1.22
D64876 (427895)		1.33
D64877 (427896)		1.70
D64878 (427897)		1.70
D64879 (427898)		1.18
D64880 (427899)		1.08
D64881 (427900)		2.16
D64882 (427901)		2.20
D64883 (427902)		1.08
D64884 (427903)		1.15
D64885 (427904)		2.22
D64886 (427905)		0.07
D64887 (427906)		2.29
D64888 (427907)		1.03
D64889 (427908)		1.29
D64890 (427909)		2.21
D64891 (427910)		2.08
D64892 (427911)		0.56

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T503692

PROJECT: AGAT00731

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 09, 2019

DATE RECEIVED: Aug 10, 2019

DATE REPORTED: Sep 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D64893 (427912)		2.20
D64894 (427913)		1.63
D64895 (427914)		1.09
D64896 (427915)		1.34
D64897 (427916)		1.41
D64898 (427917)		1.40
D64899 (427918)		1.32
D64900 (427919)		2.14
D64901 (427920)		2.08
D64902 (427921)		2.13

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T503692

PROJECT: AGAT00731

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 09, 2019	DATE RECEIVED: Aug 10, 2019							DATE REPORTED: Sep 09, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D64831 (427850)	<0.5	8.39	<1	327	1.0	<1	2.06	<0.5	20	4.8	109	3.2	1.38	23	
D64832 (427851)	<0.5	0.07	3	14	<0.5	<1	33.4	<0.5	2	1.0	6.9	<0.5	0.08	6	
D64833 (427852)	<0.5	8.72	<1	278	1.5	<1	2.49	<0.5	13	6.7	98.5	1.4	1.73	25	
D64834 (427853)	<0.5	8.14	<1	478	1.0	<1	1.91	<0.5	21	3.2	98.2	3.9	1.29	20	
D64835 (427854)	<0.5	8.04	<1	403	0.8	<1	1.85	<0.5	16	3.7	165	8.3	1.27	21	
D64836 (427855)	<0.5	7.74	2	732	1.3	<1	1.60	<0.5	18	2.6	121	1.3	1.10	21	
D64837 (427856)	<0.5	8.48	2	146	20.8	<1	1.18	<0.5	27	<0.5	122	4.2	0.53	37	
D64838 (427857)	<0.5	8.47	2	145	21.0	<1	1.19	<0.5	34	<0.5	140	4.7	0.58	38	
D64839 (427858)	<0.5	8.50	2	434	1.6	<1	1.89	<0.5	7	2.8	75.3	0.7	0.84	19	
D64840 (427859)	<0.5	8.26	<1	290	1.0	<1	2.02	<0.5	20	5.3	102	2.5	1.49	24	
D64841 (427860)	<0.5	8.25	<1	532	1.3	<1	1.89	<0.5	25	3.6	94.1	10.4	1.31	21	
D64842 (427861)	<0.5	8.36	<1	406	0.9	<1	1.90	<0.5	31	3.7	102	9.1	1.56	22	
D64843 (427862)	<0.5	8.42	<1	288	0.8	<1	2.02	<0.5	16	3.8	124	9.8	1.37	22	
D64844 (427863)	<0.5	8.03	<1	461	0.9	<1	1.75	<0.5	28	3.7	115	6.9	1.32	21	
D64845 (427864)	<0.5	7.96	1	270	1.2	<1	1.85	<0.5	32	3.9	110	10.0	1.50	21	
D64846 (427865)	<0.5	7.74	<1	194	<0.5	<1	6.61	<0.5	17	42.2	200	114	7.83	24	
D64847 (427866)	<0.5	8.39	<1	311	1.3	<1	2.15	<0.5	34	5.0	94.8	5.8	1.66	23	
D64848 (427867)	<0.5	7.95	<1	527	1.0	<1	1.78	<0.5	19	3.0	105	5.3	1.24	20	
D64849 (427868)	<0.5	7.91	<1	303	1.4	<1	1.78	<0.5	20	3.3	101	4.4	1.22	21	
D64850 (427869)	<0.5	8.19	2	269	1.3	<1	1.86	<0.5	23	3.6	105	5.5	1.36	21	
D64851 (427870)	<0.5	7.93	1	496	1.2	<1	1.67	<0.5	17	3.3	107	4.6	1.22	21	
D64852 (427871)	<0.5	0.06	<1	15	<0.5	<1	34.5	<0.5	2	0.8	11.9	<0.5	0.07	6	
D64853 (427872)	<0.5	8.16	<1	365	0.8	<1	1.92	<0.5	19	3.9	125	3.0	1.34	22	
D64854 (427873)	<0.5	8.21	<1	316	0.9	<1	1.87	<0.5	21	2.9	107	6.6	1.25	21	
D64855 (427874)	<0.5	8.00	<1	586	1.6	<1	1.63	<0.5	17	2.7	97.7	7.3	1.10	22	
D64856 (427875)	<0.5	7.96	<1	554	1.1	<1	1.62	<0.5	14	2.3	87.6	9.0	1.02	19	
D64857 (427876)	<0.5	7.46	1	651	1.0	<1	1.92	<0.5	22	4.8	109	1.4	1.34	20	
D64858 (427877)	<0.5	7.32	2	637	1.0	<1	1.87	<0.5	23	5.1	106	1.6	1.30	20	
D64859 (427878)	<0.5	7.96	<1	933	0.8	<1	1.52	<0.5	9	2.2	84.0	6.5	1.07	18	
D64860 (427879)	<0.5	8.22	<1	666	1.0	<1	1.71	<0.5	17	2.5	90.6	12.5	1.19	21	
D64861 (427880)	<0.5	8.39	<1	315	1.0	<1	1.94	<0.5	16	3.0	114	5.7	1.30	22	
D64862 (427881)	<0.5	8.13	<1	376	0.9	<1	1.90	<0.5	12	3.1	83.8	3.7	1.28	20	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T503692

PROJECT: AGAT00731

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MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 09, 2019	DATE RECEIVED: Aug 10, 2019							DATE REPORTED: Sep 09, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D64863 (427882)	<0.5	8.23	<1	409	1.5	<1	1.82	<0.5	9	2.6	85.1	2.6	1.12	21	
D64864 (427883)	<0.5	7.72	<1	798	1.0	<1	1.38	<0.5	5	1.5	95.2	2.5	0.84	17	
D64865 (427884)	<0.5	7.54	<1	912	0.9	<1	1.75	<0.5	15	4.3	158	9.7	1.31	20	
D64866 (427885)	<0.5	7.41	<1	187	<0.5	<1	6.59	<0.5	17	45.2	203	111	7.81	25	
D64867 (427886)	<0.5	8.01	<1	499	1.1	<1	1.74	<0.5	12	3.6	99.1	22.7	1.29	20	
D64868 (427887)	<0.5	8.24	<1	644	1.0	<1	1.72	<0.5	18	3.3	111	12.6	1.32	20	
D64869 (427888)	<0.5	7.35	<1	1780	0.7	<1	0.93	<0.5	3	1.6	116	6.8	0.60	14	
D64870 (427889)	<0.5	7.19	<1	1320	0.8	<1	1.06	<0.5	5	1.3	88.9	2.4	0.51	14	
D64871 (427890)	<0.5	8.27	<1	382	0.9	<1	1.95	<0.5	18	3.7	148	7.0	1.27	21	
D64872 (427891)	<0.5	0.07	<1	16	<0.5	<1	33.3	<0.5	2	0.9	11.2	<0.5	0.09	6	
D64873 (427892)	<0.5	8.18	1	396	0.9	<1	2.09	<0.5	15	3.5	106	6.5	1.31	21	
D64874 (427893)	<0.5	7.95	3	474	1.2	<1	2.00	<0.5	23	4.6	106	10.7	1.41	22	
D64875 (427894)	<0.5	8.03	<1	526	1.0	<1	2.76	<0.5	48	11.6	141	3.8	2.33	25	
D64876 (427895)	<0.5	8.29	2	363	1.2	<1	2.26	<0.5	61	9.9	14.4	<0.5	2.61	24	
D64877 (427896)	<0.5	8.69	1	234	1.0	<1	2.00	<0.5	31	3.0	12.0	0.8	1.47	21	
D64878 (427897)	<0.5	8.16	1	219	1.0	<1	1.92	<0.5	31	3.3	10.8	2.0	1.41	22	
D64879 (427898)	<0.5	7.66	4	474	1.3	<1	1.72	<0.5	19	6.6	12.0	3.8	2.47	21	
D64880 (427899)	<0.5	7.59	1	303	1.2	<1	0.87	<0.5	8	0.7	7.5	1.6	0.85	16	
D64881 (427900)	<0.5	7.11	2	468	1.2	<1	0.89	<0.5	4	<0.5	6.1	1.2	0.63	17	
D64882 (427901)	<0.5	7.46	2	363	1.6	<1	0.97	<0.5	8	<0.5	6.4	5.3	0.68	18	
D64883 (427902)	<0.5	7.77	6	241	1.8	<1	1.41	<0.5	15	2.1	9.4	2.1	1.12	21	
D64884 (427903)	<0.5	8.09	<1	949	1.0	<1	1.61	<0.5	10	1.2	5.5	6.8	0.91	17	
D64885 (427904)	<0.5	8.76	2	477	0.9	<1	1.95	<0.5	17	3.0	9.7	2.9	1.31	21	
D64886 (427905)	<0.5	7.52	<1	190	<0.5	<1	6.58	<0.5	18	47.7	218	114	7.68	23	
D64887 (427906)	<0.5	7.90	1	666	1.0	<1	1.60	<0.5	27	3.2	124	5.4	1.26	21	
D64888 (427907)	<0.5	8.03	<1	445	1.0	<1	1.92	<0.5	18	5.0	107	24.8	1.60	23	
D64889 (427908)	<0.5	7.92	<1	550	0.8	<1	1.75	<0.5	25	3.9	110	18.9	1.15	21	
D64890 (427909)	<0.5	8.54	<1	366	1.2	<1	2.01	<0.5	21	3.7	111	3.5	1.35	22	
D64891 (427910)	<0.5	8.23	<1	258	1.0	<1	1.98	<0.5	18	4.1	119	7.1	1.33	21	
D64892 (427911)	<0.5	0.06	<1	15	<0.5	<1	32.9	<0.5	2	0.9	10.0	<0.5	0.08	7	
D64893 (427912)	1.6	8.07	<1	324	1.0	<1	1.95	<0.5	21	3.8	105	12.6	1.30	21	
D64894 (427913)	0.7	8.37	<1	462	1.2	<1	1.93	<0.5	15	4.6	86.1	36.8	1.42	21	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T503692

PROJECT: AGAT00731

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 09, 2019	DATE RECEIVED: Aug 10, 2019							DATE REPORTED: Sep 09, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D64895 (427914)	<0.5	7.53	<1	934	1.0	<1	1.40	<0.5	4	1.1	130	10.0	0.46	15	
D64896 (427915)	<0.5	7.80	1	1030	0.9	<1	1.41	<0.5	25	2.0	134	3.4	0.84	17	
D64897 (427916)	<0.5	8.31	<1	317	1.0	<1	2.06	<0.5	31	4.3	95.7	9.7	1.43	22	
D64898 (427917)	<0.5	8.20	<1	300	1.1	<1	1.97	<0.5	42	4.0	94.0	10.0	1.43	21	
D64899 (427918)	<0.5	8.21	1	405	0.9	<1	1.87	<0.5	34	3.9	112	3.8	1.37	22	
D64900 (427919)	<0.5	8.05	<1	347	0.9	<1	1.88	<0.5	12	3.8	90.0	7.3	1.32	21	
D64901 (427920)	<0.5	7.75	<1	620	0.9	<1	1.66	<0.5	21	3.1	121	8.3	1.12	20	
D64902 (427921)	<0.5	8.26	<1	381	0.8	<1	1.86	<0.5	23	3.6	107	1.8	1.35	21	

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T503692

PROJECT: AGAT00731

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CLIENT NAME: GOLDCORP BORDEN LIMITED

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## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 09, 2019

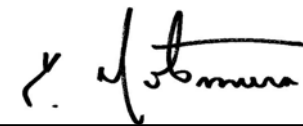
DATE RECEIVED: Aug 10, 2019

DATE REPORTED: Sep 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D64831 (427850)		<1	1.30	10	25	0.42	210	11.2	4.26	5.3	307	<20	<50	0.02	<1
D64832 (427851)		1	<0.01	<2	<1	1.72	42	<0.5	0.04	<0.5	87	<20	<50	0.02	4
D64833 (427852)		<1	1.49	6	34	0.66	305	9.4	4.50	7.6	506	<20	<50	0.02	<1
D64834 (427853)		<1	1.43	12	16	0.30	186	10.5	4.11	2.8	321	<20	<50	0.01	<1
D64835 (427854)		<1	1.34	8	27	0.35	211	11.2	4.10	5.4	268	<20	<50	0.01	<1
D64836 (427855)		<1	1.88	9	14	0.25	199	12.2	3.64	2.8	215	<20	<50	<0.01	<1
D64837 (427856)		<1	2.99	10	9	0.05	149	13.2	4.31	1.3	27	25	<50	0.01	<1
D64838 (427857)		<1	2.96	13	8	0.05	150	17.8	4.36	2.2	21	25	<50	0.01	<1
D64839 (427858)		<1	1.55	4	21	0.38	220	9.3	4.30	6.1	258	<20	<50	0.01	<1
D64840 (427859)		<1	1.26	10	36	0.60	279	10.0	4.16	9.6	357	<20	<50	0.02	<1
D64841 (427860)		<1	1.61	13	28	0.33	199	10.4	4.07	3.8	262	<20	<50	0.02	<1
D64842 (427861)		<1	1.44	17	31	0.38	247	10.3	4.05	3.5	323	<20	<50	0.02	<1
D64843 (427862)		<1	1.16	8	31	0.37	223	12.1	4.23	4.6	286	<20	<50	0.02	<1
D64844 (427863)		<1	1.53	15	22	0.31	205	12.4	3.99	3.9	302	<20	<50	0.02	<1
D64845 (427864)		<1	1.68	17	16	0.44	242	10.5	4.20	7.2	289	<20	<50	0.03	<1
D64846 (427865)		<1	0.47	10	10	4.35	1370	<0.5	2.45	109	834	<20	<50	0.09	<1
D64847 (427866)		<1	1.25	18	26	0.49	268	11.3	4.18	7.2	354	<20	<50	0.03	<1
D64848 (427867)		<1	1.64	10	19	0.27	172	12.0	3.88	3.0	220	<20	<50	0.01	<1
D64849 (427868)		<1	1.25	10	25	0.31	228	11.5	3.94	3.5	256	<20	<50	0.01	<1
D64850 (427869)		<1	1.23	12	24	0.36	249	10.1	4.15	3.8	273	<20	<50	0.01	<1
D64851 (427870)		<1	1.69	9	16	0.31	197	11.1	3.86	3.4	237	<20	<50	0.01	<1
D64852 (427871)		2	0.01	<2	<1	1.29	34	<0.5	0.03	<0.5	68	<20	<50	0.02	<1
D64853 (427872)		<1	1.35	10	27	0.39	217	11.0	4.02	4.5	403	<20	<50	0.01	<1
D64854 (427873)		<1	1.29	11	24	0.33	198	9.9	4.12	3.5	250	<20	<50	0.01	<1
D64855 (427874)		<1	2.01	8	16	0.25	190	11.9	3.90	2.9	205	<20	<50	0.02	<1
D64856 (427875)		<1	1.90	7	11	0.26	142	11.1	3.86	3.6	192	<20	<50	0.02	<1
D64857 (427876)		<1	2.16	10	16	0.62	275	12.8	3.97	18.4	222	<20	<50	0.03	<1
D64858 (427877)		<1	2.12	11	16	0.61	269	12.0	3.86	18.8	221	<20	<50	0.03	<1
D64859 (427878)		<1	2.43	4	6	0.19	128	10.4	3.57	1.4	214	<20	<50	0.01	<1
D64860 (427879)		<1	2.14	8	15	0.26	181	10.2	4.00	2.6	231	<20	<50	0.02	<1
D64861 (427880)		<1	1.40	8	15	0.35	193	10.9	4.14	4.5	263	<20	<50	0.01	<1
D64862 (427881)		<1	1.28	6	17	0.35	190	10.3	4.06	3.9	258	<20	<50	0.01	<1

Certified By:





## Certificate of Analysis

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ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 09, 2019

DATE RECEIVED: Aug 10, 2019

DATE REPORTED: Sep 09, 2019

SAMPLE TYPE: Drill Core

Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D64863 (427882)	<1	1.71	4	17	0.29	182	10.3	4.11	3.2	226	<20	<50	0.01	<1
D64864 (427883)	<1	2.67	2	5	0.11	87	12.4	3.38	1.3	98	<20	<50	<0.01	<1
D64865 (427884)	<1	3.26	7	10	0.41	286	12.0	3.19	5.8	151	<20	<50	0.07	<1
D64866 (427885)	<1	0.44	10	10	4.23	1330	<0.5	2.36	113	916	<20	<50	0.09	<1
D64867 (427886)	<1	1.66	6	12	0.31	172	11.1	3.87	4.6	232	<20	<50	0.04	<1
D64868 (427887)	<1	2.04	9	13	0.33	180	10.9	3.83	4.2	266	<20	<50	0.03	<1
D64869 (427888)	<1	4.64	<2	4	0.09	77	12.6	2.52	1.5	14	<20	<50	0.02	<1
D64870 (427889)	<1	3.54	2	3	0.05	55	12.8	2.83	1.7	28	<20	<50	<0.01	4
D64871 (427890)	<1	1.28	9	15	0.34	193	12.0	4.09	4.7	400	<20	<50	0.01	1
D64872 (427891)	1	0.02	<2	<1	1.91	61	<0.5	0.04	<0.5	77	<20	<50	0.02	<1
D64873 (427892)	<1	1.33	7	11	0.37	204	11.5	4.21	4.8	261	<20	<50	0.01	<1
D64874 (427893)	<1	1.51	12	39	0.47	227	11.1	3.84	7.8	298	<20	<50	0.02	<1
D64875 (427894)	<1	1.42	23	36	1.24	383	9.3	3.81	25.4	741	<20	<50	0.03	<1
D64876 (427895)	<1	2.01	27	43	1.06	474	0.5	3.71	27.6	841	<20	<50	0.02	<1
D64877 (427896)	<1	1.18	15	18	0.38	217	0.8	4.27	2.3	324	<20	<50	<0.01	<1
D64878 (427897)	<1	1.10	15	17	0.35	211	0.9	4.10	3.2	344	<20	<50	<0.01	<1
D64879 (427898)	<1	2.42	9	10	0.50	410	<0.5	3.43	14.2	198	<20	<50	0.21	<1
D64880 (427899)	<1	4.90	3	3	0.11	101	<0.5	2.51	0.7	36	<20	<50	0.01	1
D64881 (427900)	<1	3.85	<2	2	0.04	66	<0.5	2.71	<0.5	21	22	<50	<0.01	<1
D64882 (427901)	<1	3.41	3	4	0.08	82	0.7	3.12	0.7	22	<20	<50	<0.01	<1
D64883 (427902)	<1	2.00	6	6	0.35	181	0.6	4.20	4.6	88	<20	<50	0.17	1
D64884 (427903)	<1	1.87	4	5	0.22	134	<0.5	3.91	<0.5	174	<20	<50	0.02	<1
D64885 (427904)	<1	1.22	8	16	0.34	207	0.8	4.27	2.2	270	<20	<50	0.01	1
D64886 (427905)	<1	0.42	10	10	4.23	1350	<0.5	2.31	118	908	<20	<50	0.08	<1
D64887 (427906)	<1	1.86	13	12	0.33	184	11.1	3.85	4.1	242	<20	<50	0.02	<1
D64888 (427907)	<1	1.78	9	19	0.57	278	10.5	3.90	9.3	311	<20	<50	0.08	<1
D64889 (427908)	<1	1.54	13	14	0.30	162	11.9	3.89	4.6	253	<20	<50	0.03	<1
D64890 (427909)	<1	1.36	11	28	0.38	195	11.0	4.18	5.2	280	<20	<50	0.01	<1
D64891 (427910)	<1	1.14	9	27	0.37	187	10.5	4.21	4.9	276	<20	<50	0.02	<1
D64892 (427911)	1	0.02	<2	1	2.19	60	<0.5	0.03	<0.5	95	<20	<50	0.02	<1
D64893 (427912)	<1	1.27	10	20	0.36	188	10.0	4.05	4.7	285	<20	<50	0.02	<1
D64894 (427913)	<1	1.57	8	20	0.38	203	10.1	4.20	4.9	277	<20	<50	0.06	<1

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T503692

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 09, 2019	DATE RECEIVED: Aug 10, 2019		DATE REPORTED: Sep 09, 2019				SAMPLE TYPE: Drill Core								
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D64895 (427914)	<1	2.36	<2	3	0.05	53	14.2	3.56	1.5	<10	<20	<50	0.02	3	
D64896 (427915)	<1	2.99	12	9	0.15	97	11.9	3.36	2.3	183	<20	<50	0.01	<1	
D64897 (427916)	<1	1.22	16	24	0.40	204	9.6	4.18	5.5	462	<20	<50	0.02	<1	
D64898 (427917)	<1	1.21	21	24	0.39	200	10.6	4.04	5.6	458	<20	<50	0.02	<1	
D64899 (427918)	<1	1.34	17	24	0.36	188	11.2	4.02	4.9	308	<20	<50	0.02	<1	
D64900 (427919)	<1	1.27	6	29	0.37	184	10.9	3.99	5.1	283	<20	<50	0.01	<1	
D64901 (427920)	<1	2.03	11	18	0.29	168	11.1	3.72	3.6	224	<20	<50	0.02	<1	
D64902 (427921)	<1	1.36	12	30	0.37	192	10.2	3.95	4.3	261	<20	<50	<0.01	<1	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 09, 2019	DATE RECEIVED: Aug 10, 2019					DATE REPORTED: Sep 09, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D64831 (427850)	4	<10	<5	483	<10	<10	<5	0.14	<5	<50	24.4	<1	4	43.8	
D64832 (427851)	<1	<10	<5	72	<10	<10	<5	<0.01	<5	<50	2.4	2	3	3.2	
D64833 (427852)	6	<10	<5	483	<10	<10	<5	0.19	<5	<50	36.9	<1	6	54.4	
D64834 (427853)	2	<10	<5	457	<10	<10	<5	0.12	<5	<50	18.6	<1	4	43.4	
D64835 (427854)	3	<10	<5	446	<10	<10	<5	0.13	<5	<50	18.9	<1	4	44.8	
D64836 (427855)	2	<10	<5	401	<10	<10	<5	0.10	<5	<50	14.1	<1	6	39.6	
D64837 (427856)	2	<10	<5	174	<10	<10	25	0.02	<5	<50	3.9	<1	51	15.0	
D64838 (427857)	2	<10	<5	176	<10	<10	31	0.02	<5	<50	4.9	<1	53	15.1	
D64839 (427858)	2	<10	<5	468	<10	<10	<5	0.08	<5	<50	13.2	<1	5	33.4	
D64840 (427859)	4	<10	<5	429	<10	<10	<5	0.15	<5	<50	27.6	<1	5	53.9	
D64841 (427860)	3	<10	<5	452	<10	<10	<5	0.13	<5	<50	20.8	<1	4	44.6	
D64842 (427861)	3	<10	<5	433	<10	<10	<5	0.15	<5	<50	21.1	<1	5	55.4	
D64843 (427862)	2	<10	<5	464	<10	<10	<5	0.14	<5	<50	20.5	<1	3	50.1	
D64844 (427863)	2	<10	<5	415	<10	<10	<5	0.11	<5	<50	17.0	<1	3	40.9	
D64845 (427864)	3	<10	<5	386	<10	<10	<5	0.15	<5	<50	23.3	<1	5	33.3	
D64846 (427865)	34	<10	<5	255	<10	<10	<5	0.90	<5	<50	244	<1	22	92.7	
D64847 (427866)	5	<10	<5	451	<10	<10	<5	0.16	<5	<50	25.8	<1	7	49.9	
D64848 (427867)	2	<10	<5	438	<10	<10	<5	0.11	<5	<50	17.3	<1	3	41.2	
D64849 (427868)	2	<10	<5	405	<10	<10	<5	0.12	<5	<50	16.2	<1	4	46.1	
D64850 (427869)	2	<10	<5	420	<10	<10	<5	0.13	<5	<50	18.1	<1	4	50.7	
D64851 (427870)	2	<10	<5	401	<10	<10	<5	0.11	<5	<50	16.0	<1	3	39.3	
D64852 (427871)	<1	<10	<5	80	<10	<10	<5	<0.01	<5	<50	3.0	2	2	2.7	
D64853 (427872)	2	<10	<5	437	<10	<10	<5	0.12	<5	<50	19.8	<1	4	51.1	
D64854 (427873)	2	<10	<5	427	<10	<10	<5	0.12	<5	<50	17.2	<1	3	47.5	
D64855 (427874)	2	<10	<5	397	<10	<10	<5	0.09	<5	<50	15.3	<1	4	37.4	
D64856 (427875)	2	<10	<5	389	<10	<10	<5	0.09	<5	<50	14.9	<1	2	29.0	
D64857 (427876)	2	<10	<5	349	<10	<10	<5	0.10	<5	<50	17.4	<1	4	24.7	
D64858 (427877)	2	<10	<5	341	<10	<10	<5	0.09	<5	<50	18.0	<1	4	24.5	
D64859 (427878)	1	<10	<5	432	<10	<10	<5	0.08	<5	<50	15.1	<1	2	30.6	
D64860 (427879)	2	<10	<5	446	<10	<10	<5	0.10	<5	<50	15.5	<1	3	42.1	
D64861 (427880)	3	<10	<5	408	<10	<10	<5	0.12	<5	<50	19.5	<1	3	43.9	
D64862 (427881)	2	<10	<5	443	<10	<10	<5	0.12	<5	<50	19.2	<1	3	45.1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T503692

PROJECT: AGAT00731

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 09, 2019

DATE RECEIVED: Aug 10, 2019

DATE REPORTED: Sep 09, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D64863 (427882)	2	<10	<5	406	<10	<10	<5	0.10	<5	<50	15.1	<1	3	37.5
D64864 (427883)	<1	<10	<5	391	<10	<10	<5	0.05	<5	<50	11.9	<1	2	20.8
D64865 (427884)	2	<10	<5	347	<10	<10	<5	0.09	<5	<50	17.3	<1	3	27.4
D64866 (427885)	35	<10	<5	248	<10	<10	<5	0.89	<5	<50	250	<1	23	91.2
D64867 (427886)	2	<10	<5	432	<10	<10	<5	0.11	<5	<50	18.8	<1	2	35.5
D64868 (427887)	2	<10	<5	444	<10	<10	<5	0.13	<5	<50	19.4	<1	4	40.0
D64869 (427888)	<1	<10	<5	416	<10	<10	<5	0.02	<5	<50	9.1	<1	1	9.6
D64870 (427889)	<1	<10	<5	419	<10	<10	<5	0.02	<5	<50	8.7	1	1	9.7
D64871 (427890)	3	<10	<5	494	<10	<10	<5	0.12	<5	<50	19.8	<1	3	41.2
D64872 (427891)	<1	<10	<5	75	<10	<10	<5	<0.01	<5	<50	3.3	2	2	4.0
D64873 (427892)	3	<10	<5	488	<10	<10	<5	0.10	<5	<50	19.2	<1	3	38.6
D64874 (427893)	3	<10	<5	443	<10	<10	<5	0.12	<5	<50	21.8	<1	4	44.7
D64875 (427894)	7	<10	<5	680	<10	<10	<5	0.23	<5	<50	53.6	<1	9	67.0
D64876 (427895)	7	<10	<5	473	<10	<10	<5	0.26	<5	<50	47.1	<1	9	81.3
D64877 (427896)	3	<10	<5	412	<10	<10	<5	0.14	<5	<50	18.1	<1	4	49.1
D64878 (427897)	3	<10	<5	394	<10	<10	<5	0.13	<5	<50	18.1	<1	4	46.8
D64879 (427898)	3	<10	<5	337	<10	<10	<5	0.10	<5	<50	19.6	<1	4	47.5
D64880 (427899)	1	<10	<5	173	<10	<10	6	0.04	<5	<50	10.8	<1	2	9.3
D64881 (427900)	<1	<10	<5	230	<10	<10	21	0.02	<5	<50	5.2	<1	2	11.2
D64882 (427901)	1	<10	<5	178	<10	<10	27	0.03	<5	<50	7.2	1	3	8.5
D64883 (427902)	4	<10	<5	210	<10	<10	<5	0.07	<5	<50	18.6	1	8	12.9
D64884 (427903)	2	<10	<5	439	<10	<10	<5	0.06	<5	<50	9.7	<1	3	22.6
D64885 (427904)	3	<10	<5	512	<10	<10	<5	0.11	<5	<50	17.5	<1	3	44.2
D64886 (427905)	37	<10	<5	252	<10	<10	<5	0.84	<5	<50	246	<1	22	89.8
D64887 (427906)	3	<10	<5	364	<10	<10	<5	0.11	<5	<50	20.7	<1	4	39.3
D64888 (427907)	3	<10	<5	423	<10	<10	<5	0.17	<5	<50	25.1	<1	4	40.9
D64889 (427908)	2	<10	<5	441	<10	<10	<5	0.11	<5	<50	19.2	<1	3	38.6
D64890 (427909)	3	<10	<5	476	<10	<10	<5	0.14	<5	<50	21.0	<1	3	50.0
D64891 (427910)	2	<10	<5	453	<10	<10	<5	0.14	<5	<50	20.4	<1	3	48.4
D64892 (427911)	<1	<10	<5	73	<10	<10	<5	<0.01	<5	<50	3.1	6	2	5.2
D64893 (427912)	2	<10	<5	453	<10	<10	<5	0.13	<5	<50	19.4	<1	3	46.4
D64894 (427913)	2	<10	<5	466	<10	<10	<5	0.14	<5	<50	19.7	<1	3	39.5

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## Certificate of Analysis

AGAT WORK ORDER: 19T503692

PROJECT: AGAT00731

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 09, 2019

DATE RECEIVED: Aug 10, 2019

DATE REPORTED: Sep 09, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
D64895 (427914)	<1	<10	<5	438	<10	<10	<5	0.02	<5	<50	5.0	<1	1	10.1
D64896 (427915)	<1	<10	<5	445	<10	<10	<5	0.06	<5	<50	12.7	<1	2	24.6
D64897 (427916)	3	<10	<5	465	<10	<10	<5	0.13	<5	<50	21.6	<1	3	48.2
D64898 (427917)	3	<10	<5	444	<10	<10	<5	0.13	<5	<50	22.4	<1	4	46.6
D64899 (427918)	2	<10	<5	455	<10	<10	<5	0.13	<5	<50	21.4	<1	3	46.7
D64900 (427919)	2	<10	<5	440	<10	<10	<5	0.14	<5	<50	20.3	<1	2	47.3
D64901 (427920)	2	<10	<5	402	<10	<10	<5	0.10	<5	<50	17.3	<1	3	40.7
D64902 (427921)	3	<10	<5	430	<10	<10	<5	0.13	<5	<50	21.2	<1	3	48.2

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## Certificate of Analysis

AGAT WORK ORDER: 19T503692

PROJECT: AGAT00731

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 09, 2019      DATE RECEIVED: Aug 10, 2019      DATE REPORTED: Sep 09, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D64831 (427850)				67
D64832 (427851)				<5
D64833 (427852)				77
D64834 (427853)				71
D64835 (427854)				44
D64836 (427855)				62
D64837 (427856)				77
D64838 (427857)				72
D64839 (427858)				66
D64840 (427859)				56
D64841 (427860)				57
D64842 (427861)				78
D64843 (427862)				50
D64844 (427863)				64
D64845 (427864)				76
D64846 (427865)				89
D64847 (427866)				70
D64848 (427867)				68
D64849 (427868)				57
D64850 (427869)				57
D64851 (427870)				54
D64852 (427871)				<5
D64853 (427872)				54
D64854 (427873)				45
D64855 (427874)				45
D64856 (427875)				50
D64857 (427876)				50
D64858 (427877)				51
D64859 (427878)				55
D64860 (427879)				51
D64861 (427880)				42
D64862 (427881)				49

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## Certificate of Analysis

AGAT WORK ORDER: 19T503692

PROJECT: AGAT00731

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 09, 2019      DATE RECEIVED: Aug 10, 2019      DATE REPORTED: Sep 09, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D64863 (427882)				45
D64864 (427883)				56
D64865 (427884)				46
D64866 (427885)				90
D64867 (427886)				56
D64868 (427887)				33
D64869 (427888)				37
D64870 (427889)				58
D64871 (427890)				49
D64872 (427891)				<5
D64873 (427892)				43
D64874 (427893)				74
D64875 (427894)				76
D64876 (427895)				86
D64877 (427896)				79
D64878 (427897)				81
D64879 (427898)				68
D64880 (427899)				29
D64881 (427900)				72
D64882 (427901)				83
D64883 (427902)				47
D64884 (427903)				59
D64885 (427904)				62
D64886 (427905)				91
D64887 (427906)				66
D64888 (427907)				47
D64889 (427908)				48
D64890 (427909)				43
D64891 (427910)				59
D64892 (427911)				<5
D64893 (427912)				46
D64894 (427913)				51

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# Certificate of Analysis

AGAT WORK ORDER: 19T503692

PROJECT: AGAT00731

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 09, 2019

DATE RECEIVED: Aug 10, 2019

DATE REPORTED: Sep 09, 2019

SAMPLE TYPE: Drill Core

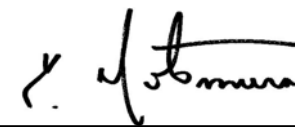
Analyte:	Zr
Unit:	ppm
Sample ID (AGAT ID)	RDL:
	5
D64895 (427914)	65
D64896 (427915)	74
D64897 (427916)	50
D64898 (427917)	51
D64899 (427918)	53
D64900 (427919)	48
D64901 (427920)	49
D64902 (427921)	47

Comments: RDL - Reported Detection Limit

427850-427921 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T503692

PROJECT: AGAT00731

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 09, 2019      DATE RECEIVED: Aug 10, 2019      DATE REPORTED: Sep 09, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au	ppm	0.001	
D64831 (427850)				0.002
D64832 (427851)				0.001
D64833 (427852)				0.038
D64834 (427853)				0.002
D64835 (427854)				<0.001
D64836 (427855)				<0.001
D64837 (427856)				0.001
D64838 (427857)				0.002
D64839 (427858)				<0.001
D64840 (427859)				<0.001
D64841 (427860)				<0.001
D64842 (427861)				<0.001
D64843 (427862)				0.007
D64844 (427863)				<0.001
D64845 (427864)				<0.001
D64846 (427865)				0.319
D64847 (427866)				<0.001
D64848 (427867)				0.002
D64849 (427868)				0.005
D64850 (427869)				0.001
D64851 (427870)				0.002
D64852 (427871)				0.002
D64853 (427872)				<0.001
D64854 (427873)				<0.001
D64855 (427874)				<0.001
D64856 (427875)				<0.001
D64857 (427876)				0.002
D64858 (427877)				<0.001
D64859 (427878)				<0.001
D64860 (427879)				<0.001
D64861 (427880)				<0.001
D64862 (427881)				<0.001

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T503692

PROJECT: AGAT00731

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 09, 2019

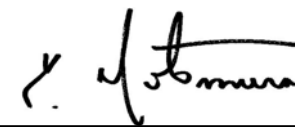
DATE RECEIVED: Aug 10, 2019

DATE REPORTED: Sep 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D64863 (427882)			0.002
D64864 (427883)			0.002
D64865 (427884)			0.001
D64866 (427885)			0.343
D64867 (427886)			0.023
D64868 (427887)			0.001
D64869 (427888)			0.001
D64870 (427889)			<0.001
D64871 (427890)			<0.001
D64872 (427891)			0.001
D64873 (427892)			<0.001
D64874 (427893)			<0.001
D64875 (427894)			<0.001
D64876 (427895)			<0.001
D64877 (427896)			<0.001
D64878 (427897)			<0.001
D64879 (427898)			0.001
D64880 (427899)			<0.001
D64881 (427900)			<0.001
D64882 (427901)			0.001
D64883 (427902)			0.001
D64884 (427903)			<0.001
D64885 (427904)			<0.001
D64886 (427905)			0.326
D64887 (427906)			<0.001
D64888 (427907)			0.001
D64889 (427908)			<0.001
D64890 (427909)			<0.001
D64891 (427910)			<0.001
D64892 (427911)			0.001
D64893 (427912)			<0.001
D64894 (427913)			0.001

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T503692

PROJECT: AGAT00731

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

**(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)**

DATE SAMPLED: Aug 09, 2019

DATE RECEIVED: Aug 10, 2019

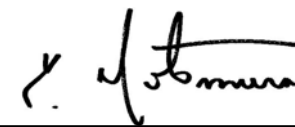
DATE REPORTED: Sep 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D64895 (427914)			<0.001
D64896 (427915)			<0.001
D64897 (427916)			0.003
D64898 (427917)			0.001
D64899 (427918)			<0.001
D64900 (427919)			<0.001
D64901 (427920)			<0.001
D64902 (427921)			0.001

 Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





# Certificate of Analysis

AGAT WORK ORDER: 19T503692

PROJECT: AGAT00731

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 09, 2019      DATE RECEIVED: Aug 10, 2019      DATE REPORTED: Sep 09, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D64831 (427850)		81.58
D64843 (427862)		80.25
D64850 (427869)		84.09
D64870 (427889)		80.73
D64890 (427909)		81.60

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	427850	< 0.5	< 0.5	0.0%	427864	< 0.5	< 0.5	0.0%	427875	< 0.5	< 0.5	0.0%	427889	< 0.5	< 0.5	0.0%
Al	427850	8.39	8.17	2.7%	427864	7.96	8.17	2.6%	427875	7.96	7.93	0.4%	427889	7.19	7.55	4.9%
As	427850	< 1	4		427864	1	< 1		427875	< 1	< 1	0.0%	427889	< 1	< 1	0.0%
Ba	427850	327	316	3.4%	427864	270	277	2.6%	427875	554	565	2.0%	427889	1320	1390	5.2%
Be	427850	0.98	0.93	5.2%	427864	1.2	1.2	0.0%	427875	1.08	1.17	8.0%	427889	0.8	0.8	0.0%
Bi	427850	< 1	< 1	0.0%	427864	< 1	< 1	0.0%	427875	< 1	< 1	0.0%	427889	< 1	< 1	0.0%
Ca	427850	2.06	2.00	3.0%	427864	1.85	1.92	3.7%	427875	1.62	1.67	3.0%	427889	1.06	1.13	6.4%
Cd	427850	< 0.5	< 0.5	0.0%	427864	< 0.5	< 0.5	0.0%	427875	< 0.5	< 0.5	0.0%	427889	< 0.5	< 0.5	0.0%
Ce	427850	20	19	5.1%	427864	32	32	0.0%	427875	14	15	6.9%	427889	5	5	0.0%
Co	427850	4.77	4.53	5.2%	427864	3.91	4.46	13.1%	427875	2.34	2.41	2.9%	427889	1.3	1.5	14.3%
Cr	427850	109	119	8.8%	427864	110	98.1	11.4%	427875	87.6	81.6	7.1%	427889	88.9	98.7	10.4%
Cu	427850	3.2	3.9	19.7%	427864	10.0	10.0	0.0%	427875	9.0	10.0	10.5%	427889	2.4	2.1	13.3%
Fe	427850	1.38	1.36	1.5%	427864	1.50	1.54	2.6%	427875	1.02	1.02	0.0%	427889	0.512	0.542	5.7%
Ga	427850	23	22	4.4%	427864	21	22	4.7%	427875	19	19	0.0%	427889	14	14	0.0%
In	427850	< 1	< 1	0.0%	427864	< 1	< 1	0.0%	427875	< 1	< 1	0.0%	427889	< 1	< 1	0.0%
K	427850	1.30	1.28	1.6%	427864	1.68	1.71	1.8%	427875	1.90	1.89	0.5%	427889	3.54	3.69	4.1%
La	427850	10	10	0.0%	427864	17	17	0.0%	427875	7	7	0.0%	427889	2	2	0.0%
Li	427850	25	24	4.1%	427864	16	16	0.0%	427875	11	12	8.7%	427889	3	4	28.6%
Mg	427850	0.42	0.42	0.0%	427864	0.444	0.446	0.4%	427875	0.26	0.27	3.8%	427889	0.055	0.057	3.6%
Mn	427850	210	209	0.5%	427864	242	247	2.0%	427875	142	148	4.1%	427889	55	57	3.6%
Mo	427850	11.2	12.5	11.0%	427864	10.5	11.2	6.5%	427875	11.1	10.3	7.5%	427889	12.8	12.8	0.0%
Na	427850	4.26	4.18	1.9%	427864	4.20	4.22	0.5%	427875	3.86	3.92	1.5%	427889	2.83	2.97	4.8%
Ni	427850	5.31	6.00	12.2%	427864	7.2	7.7	6.7%	427875	3.58	3.32	7.5%	427889	1.7	1.3	26.7%
P	427850	307	301	2.0%	427864	289	309	6.7%	427875	192	190	1.0%	427889	28	26	7.4%
Pb	427850	< 20	< 20	0.0%	427864	< 20	< 20	0.0%	427875	< 20	< 20	0.0%	427889	< 20	< 20	0.0%
Rb	427850	< 50	< 50	0.0%	427864	< 50	< 50	0.0%	427875	< 50	< 50	0.0%	427889	< 50	< 50	0.0%
S	427850	0.02	0.02	0.0%	427864	0.03	0.03	0.0%	427875	0.02	0.02	0.0%	427889	< 0.01	< 0.01	0.0%
Sb	427850	< 1	< 1	0.0%	427864	< 1	< 1	0.0%	427875	< 1	< 1	0.0%	427889	4	< 1	
Sc	427850	4	4	0.0%	427864	3	3	0.0%	427875	2	2	0.0%	427889	< 1	< 1	0.0%
Se	427850	< 10	< 10	0.0%	427864	< 10	< 10	0.0%	427875	< 10	< 10	0.0%	427889	< 10	< 10	0.0%
Sn	427850	< 5	< 5	0.0%	427864	< 5	< 5	0.0%	427875	< 5	< 5	0.0%	427889	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	427850	483	464	4.0%	427864	386	400	3.6%	427875	389	398	2.3%	427889	419	440	4.9%
Ta	427850	< 10	< 10	0.0%	427864	< 10	< 10	0.0%	427875	< 10	< 10	0.0%	427889	< 10	< 10	0.0%
Te	427850	< 10	< 10	0.0%	427864	< 10	< 10	0.0%	427875	< 10	< 10	0.0%	427889	< 10	< 10	0.0%
Th	427850	< 5	< 5	0.0%	427864	< 5	< 5	0.0%	427875	< 5	< 5	0.0%	427889	< 5	< 5	0.0%
Ti	427850	0.137	0.134	2.2%	427864	0.15	0.15	0.0%	427875	0.09	0.09	0.0%	427889	0.02	0.02	0.0%
Tl	427850	< 5	< 5	0.0%	427864	< 5	< 5	0.0%	427875	< 5	< 5	0.0%	427889	< 5	< 5	0.0%
U	427850	< 50	< 50	0.0%	427864	< 50	< 50	0.0%	427875	< 50	< 50	0.0%	427889	< 50	< 50	0.0%
V	427850	24.4	24.5	0.4%	427864	23.3	23.9	2.5%	427875	14.9	14.7	1.4%	427889	8.7	8.9	2.3%
W	427850	< 1	< 1	0.0%	427864	< 1	< 1	0.0%	427875	< 1	< 1	0.0%	427889	1	< 1	
Y	427850	4	4	0.0%	427864	5	5	0.0%	427875	2	2	0.0%	427889	1	1	0.0%
Zn	427850	43.8	43.6	0.5%	427864	33.3	34.2	2.7%	427875	29.0	31.0	6.7%	427889	9.7	10.9	11.7%
Zr	427850	67	69	2.9%	427864	76	78	2.6%	427875	50	48	4.1%	427889	58	67	14.4%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	427900	< 0.5	< 0.5	0.0%	427914	< 0.5	< 0.5	0.0%								
Al	427900	7.11	7.08	0.4%	427914	7.53	7.49	0.5%								
As	427900	2	2	0.0%	427914	< 1	1									
Ba	427900	468	455	2.8%	427914	934	928	0.6%								
Be	427900	1.2	1.2	0.0%	427914	1.0	1.0	0.0%								
Bi	427900	< 1	< 1	0.0%	427914	< 1	< 1	0.0%								
Ca	427900	0.89	0.92	3.3%	427914	1.40	1.40	0.0%								
Cd	427900	< 0.5	< 0.5	0.0%	427914	< 0.5	< 0.5	0.0%								
Ce	427900	4	3		427914	4	5	22.2%								
Co	427900	< 0.5	< 0.5	0.0%	427914	1.07	1.01	5.8%								
Cr	427900	6.1	8.3		427914	130	122	6.3%								
Cu	427900	1.2	1.32	9.5%	427914	10.0	10.4	3.9%								
Fe	427900	0.63	0.72	13.3%	427914	0.46	0.46	0.0%								
Ga	427900	17	15	12.5%	427914	15	15	0.0%								
In	427900	< 1	< 1	0.0%	427914	< 1	< 1	0.0%								
K	427900	3.85	3.99	3.6%	427914	2.36	2.34	0.9%								
La	427900	< 2	< 2	0.0%	427914	2	2	0.0%								
Li	427900	2	2	0.0%	427914	3	3	0.0%								
Mg	427900	0.04	0.04	0.0%	427914	0.054	0.057	5.4%								
Mn	427900	66	75	12.8%	427914	53	54	1.9%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	427900	< 0.5	< 0.5	0.0%	427914	14.2	14.6	2.8%								
Na	427900	2.71	2.81	3.6%	427914	3.56	3.62	1.7%								
Ni	427900	< 0.5	< 0.5	0.0%	427914	1.5	1.6	6.5%								
P	427900	21	13		427914	< 10	< 10	0.0%								
Pb	427900	22	< 20	0.0%	427914	< 20	< 20	0.0%								
Rb	427900	< 50	< 50	0.0%	427914	< 50	< 50	0.0%								
S	427900	< 0.01	< 0.01	0.0%	427914	0.02	0.02	0.0%								
Sb	427900	< 1	< 1	0.0%	427914	3	1									
Sc	427900	< 1	< 1	0.0%	427914	< 1	< 1	0.0%								
Se	427900	< 10	< 10	0.0%	427914	< 10	< 10	0.0%								
Sn	427900	< 5	< 5	0.0%	427914	< 5	< 5	0.0%								
Sr	427900	230	228	0.9%	427914	438	437	0.2%								
Ta	427900	< 10	< 10	0.0%	427914	< 10	< 10	0.0%								
Te	427900	< 10	< 10	0.0%	427914	< 10	< 10	0.0%								
Th	427900	21	13	47.1%	427914	< 5	< 5	0.0%								
Ti	427900	0.02	0.02	0.0%	427914	0.02	0.02	0.0%								
Tl	427900	< 5	< 5	0.0%	427914	< 5	< 5	0.0%								
U	427900	< 50	< 50	0.0%	427914	< 50	< 50	0.0%								
V	427900	5.2	5.0	3.9%	427914	5.0	4.9	2.0%								
W	427900	< 1	< 1	0.0%	427914	< 1	< 1	0.0%								
Y	427900	2	2	0.0%	427914	1	1	0.0%								
Zn	427900	11.2	11.1	0.9%	427914	10.1	9.9	2.0%								
Zr	427900	72	71	1.4%	427914	65	75	14.3%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	427850	0.002	<0.001	0.0%	427864	< 0.001	0.001		427875	< 0.001	0.001		427889	< 0.001	< 0.001	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	427900	< 0.001	< 0.001	0.0%	427914	< 0.001	< 0.001	0.0%								

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.WMG-1a)				CRM #4 (ref.GSP7M)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag									3.03	2.94	97%	90% - 110%				
Al	10.95	11.03	101%	90% - 110%	8.17	8.34	102%	90% - 110%	4.75	4.82	101%	90% - 110%	10.95	10.95	100%	90% - 110%
As					26	24	90%	90% - 110%								
Ba	340	325	96%	90% - 110%	540	500	93%	90% - 110%	216	211	98%	90% - 110%	340	323	95%	90% - 110%
Be	2.6	2.5	97%	90% - 110%	4.0	3.4	85%	90% - 110%					2.6	2.5	96%	90% - 110%
Ca	5.72	5.57	97%	90% - 110%	0.907	0.889	98%	90% - 110%	10	10	95%	90% - 110%	5.72	5.64	99%	90% - 110%
Ce	122	117	96%	90% - 110%	98	96	98%	90% - 110%					122	117	96%	90% - 110%
Co	2.8	2.4	87%	90% - 110%					191	191	100%	90% - 110%	2.8	2.4	84%	90% - 110%
Cr					60.3	62.6	104%	90% - 110%	670	688	103%	90% - 110%	12	9	76%	90% - 110%
Cu					150	152	101%	90% - 110%	7120	7094	100%	90% - 110%				
Fe	4.34	4.02	93%	90% - 110%	3.77	3.62	96%	90% - 110%	12.71	11.78	93%	90% - 110%	4.34	4.04	93%	90% - 110%
Ga	35	35	99%	90% - 110%									35	35	99%	90% - 110%
K	1.37	1.49	109%	90% - 110%					0.1021	0.1116	109%	90% - 110%	1.37	1.47	107%	90% - 110%
La	58	53	92%	90% - 110%	44	42	96%	90% - 110%	8.47	9.64	114%	90% - 110%	58	51	89%	90% - 110%
Li	37	38	104%	90% - 110%	47	47	99%	90% - 110%					37	37	101%	90% - 110%
Mg	0.325	0.301	92%	90% - 110%	1.10	1.09	99%	90% - 110%	7.41	7.15	96%	90% - 110%	0.325	0.303	93%	90% - 110%
Mn					780	761	98%	90% - 110%								
Mo					14	13	91%	90% - 110%								
Na	5.267	5.443	103%	90% - 110%	1.624	1.688	104%	90% - 110%	0.112	0.122	109%	90% - 110%	5.267	5.402	103%	90% - 110%
Ni	9	9	96%	90% - 110%	32	31	98%	90% - 110%	2480	2277	92%	90% - 110%	9	6	71%	90% - 110%
P					750	708	94%	90% - 110%	731	754	103%	90% - 110%				
Pb					31	23	75%	90% - 110%								
Sc	1.1	0.9	80%	90% - 110%	12	12	103%	90% - 110%	21.33	22.07	103%	90% - 110%	1.1	0.8	74%	90% - 110%
Sr	1191	1167	98%	90% - 110%	144	150	104%	90% - 110%	39	40	104%	90% - 110%	1191	1162	98%	90% - 110%
Ti	0.172	0.172	100%	90% - 110%	0.53	0.486	92%	90% - 110%	0.419	0.414	99%	90% - 110%	0.172	0.168	98%	90% - 110%
V	8	6	79%	90% - 110%	77	79	103%	90% - 110%	158	163	103%	90% - 110%	8	7	93%	90% - 110%
Y	119	121	102%	90% - 110%					12.67	13.41	106%	90% - 110%	119	117	99%	90% - 110%
Zn	93	91	98%	90% - 110%	130	122	94%	90% - 110%	112	116	103%	90% - 110%	93	94	101%	90% - 110%
Zr									35.7	35.4	99%	90% - 110%				

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP5G)				CRM #4 (ref.GSP7M)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.27	5.34	101%	90% - 110%	6.87	6.84	100%	90% - 110%	0.562	0.564	100%	90% - 110%	0.725	0.767	106%	90% - 110%



## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00731  
 SAMPLING SITE:

AGAT WORK ORDER: 19T503692  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00734

AGAT WORK ORDER: 19T504136

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Aug 30, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T504136

PROJECT: AGAT00734

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 11, 2019

DATE RECEIVED: Aug 12, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D64903 (431986)		1.48
D64904 (431987)		1.06
D64905 (431988)		1.76
D64906 (431989)		0.07
D64907 (431990)		1.18
D64908 (431991)		1.06
D64909 (431992)		2.13
D64910 (431993)		2.28
D64911 (431994)		2.16
D64912 (431995)		0.62
D64913 (431996)		2.22
D64914 (431997)		2.07
D64915 (431998)		2.22
D64916 (431999)		2.21
D64917 (432000)		2.05
D64918 (432001)		2.05
D64919 (432002)		2.16
D64920 (432003)		2.16
D64921 (432004)		1.06
D64922 (432005)		1.18
D64923 (432006)		2.15
D64924 (432007)		2.22
D64925 (432008)		2.12
D64926 (432009)		0.07
D64927 (432010)		2.26
D64928 (432011)		2.22
D64929 (432012)		2.08
D64930 (432013)		2.19
D64931 (432014)		2.18
D64932 (432015)		0.55
D64933 (432016)		2.14

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T504136

PROJECT: AGAT00734

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 MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 11, 2019

DATE RECEIVED: Aug 12, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D64934 (432017)		2.18
D64935 (432018)		1.74
D64936 (432019)		1.95
D64937 (432020)		1.66
D64938 (432021)		1.66
D64939 (432022)		1.11
D64940 (432023)		2.13
D64941 (432024)		2.04
D64942 (432025)		1.06
D64943 (432026)		1.14
D64944 (432027)		2.13
D64945 (432028)		2.19
D64946 (432029)		0.07
D64947 (432030)		2.08
D64948 (432031)		2.18
D64949 (432032)		2.19
D64950 (432033)		0.84
D64951 (432034)		1.34
D64952 (432035)		0.57
D64953 (432036)		1.43
D64954 (432037)		1.33
D64955 (432038)		2.79
D64956 (432039)		1.06
D64957 (432040)		2.17
D64958 (432041)		2.17
D64959 (432042)		2.18
D64960 (432043)		2.19
D64961 (432044)		2.25
D64962 (432045)		2.21
D64963 (432046)		2.17
D64964 (432047)		1.43

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T504136

PROJECT: AGAT00734

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 11, 2019

DATE RECEIVED: Aug 12, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D64965 (432048)		1.58
D64966 (432049)		0.07
D64967 (432050)		1.34
D64968 (432051)		1.33
D64969 (432052)		1.33
D64970 (432053)		1.61
D64971 (432054)		2.04
D64972 (432055)		0.56
D64973 (432056)		2.15
D64974 (432057)		2.20

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T504136

PROJECT: AGAT00734

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

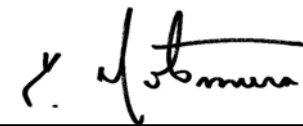
CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 11, 2019	DATE RECEIVED: Aug 12, 2019							DATE REPORTED: Aug 30, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D64903 (431986)	<0.5	7.07	1	896	0.7	<1	1.18	<0.5	3	1.7	66.0	2.5	0.68	15	
D64904 (431987)	<0.5	7.93	<1	317	0.8	<1	1.87	<0.5	12	3.4	84.2	1.1	1.29	20	
D64905 (431988)	<0.5	7.65	<1	733	0.9	<1	1.50	<0.5	4	2.4	89.7	8.9	0.98	18	
D64906 (431989)	<0.5	7.37	<1	188	<0.5	<1	6.28	<0.5	15	39.7	142	107	7.54	23	
D64907 (431990)	<0.5	7.78	<1	938	0.8	<1	1.48	<0.5	9	2.3	77.5	1.8	1.03	17	
D64908 (431991)	<0.5	7.83	<1	225	0.8	<1	1.98	<0.5	30	7.5	77.5	4.9	2.23	22	
D64909 (431992)	<0.5	7.71	<1	420	0.9	<1	1.79	<0.5	17	3.1	72.0	5.5	1.13	21	
D64910 (431993)	<0.5	8.11	<1	640	0.8	<1	1.78	<0.5	22	3.5	96.2	23.9	1.26	20	
D64911 (431994)	<0.5	8.12	1	443	0.8	<1	1.89	<0.5	15	3.0	65.5	8.5	1.35	21	
D64912 (431995)	<0.5	0.07	<1	13	<0.5	<1	32.3	<0.5	2	0.9	8.1	<0.5	0.09	7	
D64913 (431996)	<0.5	7.94	<1	271	0.8	<1	1.94	<0.5	15	3.9	91.8	0.9	1.33	22	
D64914 (431997)	<0.5	7.96	3	281	0.9	<1	1.93	<0.5	24	3.5	70.2	3.0	1.38	19	
D64915 (431998)	<0.5	7.94	<1	270	0.8	<1	1.93	<0.5	18	4.0	79.3	3.6	1.37	20	
D64916 (431999)	<0.5	7.89	2	601	1.1	<1	1.78	<0.5	20	3.2	68.8	3.3	1.21	21	
D64917 (432000)	<0.5	8.06	3	220	1.0	<1	1.97	<0.5	15	3.3	77.9	5.0	1.23	20	
D64918 (432001)	<0.5	8.16	1	220	1.0	<1	1.99	<0.5	18	3.5	87.4	4.9	1.22	21	
D64919 (432002)	<0.5	8.21	<1	239	1.0	<1	1.96	<0.5	15	3.2	74.1	2.7	1.39	20	
D64920 (432003)	<0.5	8.36	1	291	1.4	<1	1.90	<0.5	13	2.9	79.7	3.5	1.43	20	
D64921 (432004)	<0.5	9.12	2	400	1.2	<1	2.07	<0.5	11	3.0	70.2	1.7	1.26	21	
D64922 (432005)	<0.5	6.74	34	499	2.6	<1	3.79	<0.5	35	17.6	141	32.2	2.85	21	
D64923 (432006)	<0.5	8.02	<1	211	0.9	<1	1.89	<0.5	23	3.6	72.1	1.2	1.34	21	
D64924 (432007)	<0.5	7.75	<1	624	0.7	<1	1.70	<0.5	20	3.1	79.9	3.4	1.11	20	
D64925 (432008)	<0.5	8.07	<1	291	0.7	<1	1.96	<0.5	18	4.0	72.4	5.9	1.36	21	
D64926 (432009)	<0.5	7.38	<1	186	<0.5	<1	6.25	<0.5	16	40.6	140	105	7.51	24	
D64927 (432010)	<0.5	8.10	2	358	0.8	<1	1.92	<0.5	19	3.4	91.0	2.5	1.23	20	
D64928 (432011)	<0.5	8.10	<1	532	0.9	<1	1.81	<0.5	15	2.5	66.2	1.8	1.09	20	
D64929 (432012)	<0.5	8.43	<1	270	0.8	<1	2.01	<0.5	16	3.6	76.7	3.0	1.39	20	
D64930 (432013)	<0.5	8.28	<1	540	0.8	<1	1.82	<0.5	16	3.3	65.3	5.1	1.29	21	
D64931 (432014)	<0.5	7.97	2	252	1.0	<1	1.95	<0.5	14	4.1	83.9	2.7	1.38	21	
D64932 (432015)	<0.5	0.08	2	14	<0.5	<1	31.3	<0.5	2	1.2	5.7	<0.5	0.10	7	
D64933 (432016)	<0.5	7.85	<1	792	0.8	<1	1.75	<0.5	17	3.0	65.3	29.1	1.18	19	
D64934 (432017)	<0.5	7.98	<1	561	0.8	<1	1.78	<0.5	23	3.1	87.9	4.5	1.15	20	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T504136

PROJECT: AGAT00734

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 11, 2019	DATE RECEIVED: Aug 12, 2019							DATE REPORTED: Aug 30, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D64935 (432018)	<0.5	8.06	<1	273	1.1	<1	1.97	<0.5	16	3.3	71.6	2.8	1.30	21	
D64936 (432019)	<0.5	8.20	<1	1840	0.5	<1	1.25	<0.5	59	7.4	80.9	42.4	2.22	21	
D64937 (432020)	<0.5	8.03	<1	322	0.9	<1	1.98	<0.5	20	4.6	66.7	20.7	1.49	21	
D64938 (432021)	<0.5	8.19	<1	323	0.9	<1	1.98	<0.5	24	4.2	63.1	21.8	1.49	21	
D64939 (432022)	<0.5	7.65	<1	1970	0.6	<1	1.06	<0.5	28	3.4	79.6	13.0	0.89	18	
D64940 (432023)	<0.5	7.32	<1	1530	0.7	<1	1.18	<0.5	25	2.9	76.8	10.5	0.98	17	
D64941 (432024)	0.5	7.35	<1	1540	0.7	<1	1.16	<0.5	6	1.5	64.1	2.2	0.62	14	
D64942 (432025)	<0.5	6.62	<1	1330	0.5	<1	0.81	<0.5	5	1.3	79.4	14.1	0.52	12	
D64943 (432026)	<0.5	6.63	<1	180	0.7	<1	1.55	<0.5	11	3.3	70.0	4.8	1.06	17	
D64944 (432027)	<0.5	8.04	<1	294	0.8	<1	1.83	<0.5	20	4.2	46.7	6.2	1.63	21	
D64945 (432028)	<0.5	7.59	<1	334	0.7	<1	1.75	<0.5	18	4.1	60.0	5.4	1.39	21	
D64946 (432029)	<0.5	7.10	<1	141	<0.5	<1	6.71	<0.5	5	41.7	137	153	7.87	20	
D64947 (432030)	<0.5	7.97	<1	243	0.8	<1	1.90	<0.5	23	4.6	43.2	7.3	1.78	22	
D64948 (432031)	<0.5	8.24	<1	264	1.4	<1	1.89	<0.5	21	3.4	61.4	6.6	1.41	21	
D64949 (432032)	<0.5	8.01	<1	343	0.8	<1	1.85	<0.5	19	3.3	45.1	10.5	1.45	20	
D64950 (432033)	<0.5	7.31	<1	1500	0.8	<1	2.28	<0.5	15	1.6	53.9	4.1	0.49	15	
D64951 (432034)	<0.5	8.04	2	705	0.9	<1	1.95	<0.5	29	4.7	49.6	3.0	1.54	22	
D64952 (432035)	<0.5	0.08	<1	14	<0.5	<1	34.3	<0.5	2	1.0	5.0	<0.5	0.08	7	
D64953 (432036)	<0.5	8.01	<1	334	0.8	<1	2.02	<0.5	28	3.5	51.7	8.2	1.55	20	
D64954 (432037)	<0.5	8.32	13	739	1.7	<1	2.00	<0.5	43	4.5	55.0	10.1	1.89	23	
D64955 (432038)	<0.5	3.93	32	756	13.3	<1	6.55	<0.5	72	34.9	294	60.2	5.36	16	
D64956 (432039)	<0.5	8.29	<1	267	1.2	<1	2.00	<0.5	33	4.0	51.1	5.2	1.72	23	
D64957 (432040)	<0.5	8.07	<1	488	1.0	<1	1.82	<0.5	21	2.5	50.8	7.1	1.26	20	
D64958 (432041)	<0.5	8.25	<1	494	1.0	<1	1.83	<0.5	19	2.5	55.4	6.7	1.19	20	
D64959 (432042)	<0.5	8.13	<1	383	0.9	<1	1.93	<0.5	22	3.1	50.6	4.1	1.29	20	
D64960 (432043)	<0.5	7.84	<1	312	0.8	<1	1.90	<0.5	24	3.2	41.7	8.2	1.45	21	
D64961 (432044)	<0.5	8.91	<1	289	1.2	<1	2.07	<0.5	18	3.3	37.1	8.8	1.61	21	
D64962 (432045)	<0.5	8.70	<1	308	0.8	<1	2.30	<0.5	19	3.9	42.6	9.3	1.61	22	
D64963 (432046)	<0.5	8.41	<1	309	0.9	<1	2.18	<0.5	29	3.7	34.0	5.5	1.64	21	
D64964 (432047)	<0.5	8.05	<1	250	0.9	<1	2.04	<0.5	32	4.4	36.8	16.7	1.57	20	
D64965 (432048)	<0.5	8.34	<1	274	0.8	<1	2.13	<0.5	23	3.5	41.6	4.3	1.43	21	
D64966 (432049)	<0.5	7.15	<1	140	<0.5	<1	6.30	<0.5	6	41.2	113	149	7.44	22	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T504136

PROJECT: AGAT00734

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 11, 2019	DATE RECEIVED: Aug 12, 2019							DATE REPORTED: Aug 30, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D64967 (432050)	<0.5	8.54	<1	251	0.9	<1	2.17	<0.5	25	3.6	45.4	2.6	1.56	21	
D64968 (432051)	<0.5	8.65	<1	216	1.2	<1	2.12	<0.5	27	3.7	37.3	1.7	1.62	22	
D64969 (432052)	<0.5	6.42	<1	1220	0.9	<1	3.01	<0.5	22	1.5	34.5	1.7	0.49	14	
D64970 (432053)	<0.5	7.69	<1	220	1.9	<1	2.53	<0.5	25	7.8	58.1	9.6	1.75	21	
D64971 (432054)	<0.5	8.51	<1	411	1.2	<1	1.91	<0.5	28	2.3	31.4	4.6	1.12	18	
D64972 (432055)	<0.5	0.06	1	12	<0.5	<1	30.5	<0.5	2	1.3	2.4	<0.5	0.10	6	
D64973 (432056)	<0.5	8.13	<1	325	0.7	<1	2.02	<0.5	26	3.1	49.1	5.2	1.38	20	
D64974 (432057)	<0.5	8.32	<1	274	0.7	<1	2.05	<0.5	25	3.7	42.8	5.8	1.48	21	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 11, 2019

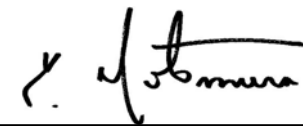
DATE RECEIVED: Aug 12, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D64903 (431986)		<1	3.10	<2	7	0.08	70	11.2	2.89	2.3	45	<20	<50	<0.01	<1
D64904 (431987)		<1	1.19	7	26	0.34	182	13.9	3.86	6.3	259	<20	<50	<0.01	<1
D64905 (431988)		<1	2.11	2	11	0.18	119	15.4	3.48	4.2	79	<20	<50	0.02	<1
D64906 (431989)		<1	0.42	11	10	4.26	1300	<0.5	2.25	106	829	24	<50	0.10	<1
D64907 (431990)		<1	2.51	5	21	0.21	119	12.2	3.25	4.6	122	<20	<50	0.01	2
D64908 (431991)		<1	1.16	18	51	0.69	345	9.4	3.55	13.5	440	<20	<50	0.02	<1
D64909 (431992)		<1	1.18	9	23	0.31	154	10.8	3.63	4.7	248	<20	<50	0.02	<1
D64910 (431993)		<1	1.51	13	23	0.31	167	14.1	3.77	4.4	264	<20	<50	0.05	<1
D64911 (431994)		<1	1.27	8	26	0.34	184	9.4	3.99	3.9	263	<20	<50	0.02	<1
D64912 (431995)		3	0.02	<2	1	2.32	57	<0.5	0.04	<0.5	89	<20	<50	0.03	3
D64913 (431996)		<1	0.98	9	29	0.39	193	14.3	3.91	6.1	305	<20	<50	<0.01	<1
D64914 (431997)		<1	1.03	13	25	0.39	195	9.4	3.92	9.0	268	<20	<50	0.02	<1
D64915 (431998)		<1	0.99	10	23	0.42	193	12.3	3.86	7.2	280	<20	<50	0.01	<1
D64916 (431999)		<1	1.71	11	16	0.29	166	9.2	3.80	3.6	252	<20	<50	0.01	<1
D64917 (432000)		<1	0.91	8	15	0.33	181	13.2	4.14	5.0	258	<20	<50	0.02	<1
D64918 (432001)		<1	0.91	10	15	0.33	180	13.5	4.08	4.9	239	<20	<50	0.02	<1
D64919 (432002)		<1	1.04	9	21	0.38	200	9.3	3.99	5.4	262	<20	<50	0.01	<1
D64920 (432003)		<1	1.14	8	25	0.38	189	11.3	4.01	4.6	225	<20	<50	0.01	<1
D64921 (432004)		<1	1.33	6	16	0.35	182	10.5	4.36	4.8	253	<20	<50	0.01	2
D64922 (432005)		<1	2.26	21	115	2.19	487	8.3	3.36	97.0	253	<20	<50	0.06	<1
D64923 (432006)		<1	0.97	14	27	0.37	188	10.1	3.92	5.2	307	<20	<50	0.01	<1
D64924 (432007)		<1	1.47	11	19	0.30	165	12.5	3.69	4.7	221	<20	<50	<0.01	<1
D64925 (432008)		<1	0.96	10	30	0.38	189	9.5	3.88	5.2	292	<20	<50	0.01	<1
D64926 (432009)		<1	0.43	11	10	4.21	1300	<0.5	2.23	109	814	<20	<50	0.09	<1
D64927 (432010)		<1	1.12	10	25	0.35	182	12.7	3.95	4.7	271	<20	<50	<0.01	<1
D64928 (432011)		<1	1.50	9	18	0.29	161	9.4	3.86	4.4	216	<20	<50	<0.01	2
D64929 (432012)		<1	1.06	9	29	0.38	206	12.2	4.17	5.6	284	<20	<50	0.01	<1
D64930 (432013)		<1	1.55	9	26	0.38	180	8.7	3.84	5.6	258	<20	<50	0.01	<1
D64931 (432014)		<1	1.11	8	19	0.43	206	12.0	4.05	7.1	278	<20	<50	0.01	<1
D64932 (432015)		<1	0.02	<2	1	2.94	61	<0.5	0.04	<0.5	68	<20	<50	0.01	<1
D64933 (432016)		<1	1.75	9	21	0.32	166	9.5	3.57	4.3	200	<20	<50	0.05	<1
D64934 (432017)		<1	1.48	12	22	0.30	169	13.4	3.83	4.3	230	<20	<50	0.01	<1

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 11, 2019

DATE RECEIVED: Aug 12, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D64935 (432018)		<1	1.03	9	19	0.36	182	9.9	3.98	5.9	270	<20	<50	0.01	<1
D64936 (432019)		<1	4.40	31	43	0.76	325	9.5	2.72	17.9	708	<20	<50	0.08	<1
D64937 (432020)		<1	1.16	11	29	0.44	211	8.9	3.87	7.3	355	<20	<50	0.04	<1
D64938 (432021)		<1	1.17	13	29	0.44	211	8.5	3.88	7.3	292	<20	<50	0.04	<1
D64939 (432022)		<1	4.29	14	17	0.26	120	14.3	2.70	7.3	241	<20	<50	0.04	<1
D64940 (432023)		<1	3.21	13	17	0.25	115	11.9	2.83	5.9	189	<20	<50	0.02	<1
D64941 (432024)		<1	3.26	3	6	0.05	55	11.6	2.84	2.3	19	<20	<50	<0.01	2
D64942 (432025)		<1	3.95	2	5	0.05	52	15.8	2.23	2.7	21	<20	<50	0.02	2
D64943 (432026)		<1	0.82	6	18	0.29	142	14.8	3.20	5.4	208	<20	<50	0.01	<1
D64944 (432027)		<1	1.27	11	37	0.46	236	8.3	3.89	4.6	363	<20	<50	0.02	<1
D64945 (432028)		<1	1.23	10	22	0.36	200	12.2	3.61	4.9	308	<20	<50	0.02	<1
D64946 (432029)		<1	0.20	5	12	4.21	1340	<0.5	2.23	87.8	388	<20	<50	0.15	<1
D64947 (432030)		<1	1.09	12	28	0.48	248	8.5	3.91	4.3	472	<20	<50	0.02	<1
D64948 (432031)		<1	1.24	11	16	0.37	181	11.9	4.16	3.5	347	<20	<50	0.02	<1
D64949 (432032)		<1	1.22	10	22	0.37	186	7.9	3.83	3.5	323	<20	<50	0.02	<1
D64950 (432033)		<1	3.38	8	7	0.20	64	12.7	2.85	2.8	70	<20	<50	0.02	<1
D64951 (432034)		<1	1.56	15	27	0.48	214	7.7	3.77	7.8	414	<20	<50	0.03	<1
D64952 (432035)		<1	0.02	<2	<1	1.82	114	<0.5	0.04	<0.5	71	<20	<50	<0.01	<1
D64953 (432036)		<1	0.97	15	19	0.37	191	8.2	3.94	1.7	398	<20	<50	0.02	<1
D64954 (432037)		<1	1.24	21	24	0.82	257	8.0	4.34	18.7	1310	<20	<50	0.04	<1
D64955 (432038)		<1	3.26	39	254	5.89	962	3.2	2.52	250	689	29	<50	0.12	<1
D64956 (432039)		<1	1.00	17	24	0.44	239	7.4	4.21	2.5	499	<20	<50	0.02	<1
D64957 (432040)		<1	1.45	12	21	0.30	158	11.3	3.84	3.6	308	<20	<50	0.02	<1
D64958 (432041)		<1	1.47	10	20	0.28	157	12.0	4.05	2.5	267	<20	<50	0.02	<1
D64959 (432042)		<1	1.17	12	16	0.33	169	8.8	4.29	2.0	339	<20	<50	0.02	<1
D64960 (432043)		<1	1.09	13	20	0.36	173	12.2	3.87	3.3	344	<20	<50	0.03	<1
D64961 (432044)		<1	1.20	10	26	0.39	196	8.5	4.15	1.9	314	<20	<50	0.03	<1
D64962 (432045)		<1	0.92	10	19	0.41	189	10.3	4.17	2.2	365	<20	<50	0.03	<1
D64963 (432046)		<1	1.10	15	22	0.43	192	8.2	4.14	3.2	426	<20	<50	0.02	<1
D64964 (432047)		<1	0.95	18	29	0.39	183	11.4	3.90	4.9	408	<20	<50	0.04	<1
D64965 (432048)		<1	0.92	12	23	0.36	168	8.2	4.11	2.0	357	<20	<50	0.02	<1
D64966 (432049)		<1	0.20	5	12	4.19	1330	<0.5	2.17	82.6	363	<20	<50	0.14	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T504136

PROJECT: AGAT00734

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 11, 2019	DATE RECEIVED: Aug 12, 2019					DATE REPORTED: Aug 30, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D64967 (432050)	<1	1.00	14	25	0.39	195	9.9	4.20	2.0	424	<20	<50	0.01	<1	
D64968 (432051)	<1	1.04	14	22	0.42	213	8.6	4.24	2.4	423	<20	<50	0.01	<1	
D64969 (432052)	<1	3.23	11	4	0.25	51	8.9	2.52	4.5	234	<20	<50	0.01	2	
D64970 (432053)	<1	1.09	13	36	1.01	260	9.5	3.89	47.3	325	<20	<50	0.02	<1	
D64971 (432054)	<1	1.71	15	19	0.31	150	7.7	3.96	2.1	273	<20	<50	0.01	<1	
D64972 (432055)	1	0.01	<2	1	2.92	42	<0.5	0.04	0.8	80	<20	<50	0.01	2	
D64973 (432056)	<1	1.04	13	22	0.36	153	10.0	4.06	2.7	361	<20	<50	0.02	<1	
D64974 (432057)	<1	0.99	13	28	0.38	173	9.0	4.04	2.4	407	<20	<50	0.02	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 11, 2019	DATE RECEIVED: Aug 12, 2019					DATE REPORTED: Aug 30, 2019					SAMPLE TYPE: Drill Core				
Analyte: Unit: RDL:	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	
Sample ID (AGAT ID)	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D64903 (431986)	<1	<10	<5	385	<10	<10	<5	0.03	<5	<50	9.9	<1	1	14.1	
D64904 (431987)	2	<10	<5	426	<10	<10	<5	0.12	<5	<50	18.0	<1	2	42.9	
D64905 (431988)	1	<10	<5	414	<10	<10	<5	0.07	<5	<50	13.4	<1	1	24.1	
D64906 (431989)	32	<10	<5	246	<10	<10	<5	0.85	<5	<50	234	<1	21	87.4	
D64907 (431990)	2	<10	<5	414	<10	<10	<5	0.08	<5	<50	15.9	<1	2	26.3	
D64908 (431991)	6	<10	<5	397	<10	<10	<5	0.23	<5	<50	42.9	<1	6	71.4	
D64909 (431992)	2	<10	<5	429	<10	<10	<5	0.11	<5	<50	17.5	<1	3	35.9	
D64910 (431993)	2	<10	<5	460	<10	<10	<5	0.12	<5	<50	17.2	<1	3	39.6	
D64911 (431994)	2	<10	<5	496	<10	<10	<5	0.13	<5	<50	20.0	<1	2	45.1	
D64912 (431995)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	2.3	1	2	4.2	
D64913 (431996)	3	<10	<5	485	<10	<10	<5	0.14	<5	<50	21.1	<1	2	46.6	
D64914 (431997)	3	<10	<5	488	<10	<10	<5	0.13	<5	<50	20.0	<1	3	43.9	
D64915 (431998)	3	<10	<5	487	<10	<10	<5	0.14	<5	<50	21.9	<1	3	45.6	
D64916 (431999)	3	<10	<5	497	<10	<10	<5	0.11	<5	<50	18.5	<1	3	38.7	
D64917 (432000)	2	<10	<5	527	<10	<10	<5	0.12	<5	<50	17.7	<1	2	42.5	
D64918 (432001)	2	<10	<5	517	<10	<10	<5	0.12	<5	<50	19.0	<1	2	42.8	
D64919 (432002)	2	<10	<5	514	<10	<10	<5	0.14	<5	<50	19.3	<1	2	50.6	
D64920 (432003)	2	<10	<5	505	<10	<10	<5	0.15	<5	<50	18.4	<1	3	47.7	
D64921 (432004)	2	<10	<5	570	<10	<10	<5	0.13	<5	<50	17.6	<1	2	44.3	
D64922 (432005)	19	<10	<5	492	<10	<10	<5	0.38	<5	<50	132	<1	9	41.5	
D64923 (432006)	2	<10	<5	470	<10	<10	<5	0.14	<5	<50	19.7	<1	3	45.0	
D64924 (432007)	2	<10	<5	448	<10	<10	<5	0.11	<5	<50	16.4	<1	3	37.9	
D64925 (432008)	3	<10	<5	491	<10	<10	<5	0.14	<5	<50	22.1	<1	3	45.2	
D64926 (432009)	33	<10	<5	243	<10	<10	<5	0.84	<5	<50	241	<1	21	88.2	
D64927 (432010)	2	<10	<5	483	<10	<10	<5	0.12	<5	<50	18.7	<1	3	43.7	
D64928 (432011)	2	<10	<5	480	<10	<10	<5	0.10	<5	<50	15.7	<1	3	36.6	
D64929 (432012)	3	<10	<5	501	<10	<10	<5	0.14	<5	<50	19.9	<1	3	49.1	
D64930 (432013)	3	<10	<5	479	<10	<10	<5	0.13	<5	<50	19.8	<1	3	43.9	
D64931 (432014)	3	<10	<5	469	<10	<10	<5	0.12	<5	<50	21.3	<1	4	38.0	
D64932 (432015)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	2.8	2	2	4.8	
D64933 (432016)	2	<10	<5	466	<10	<10	<5	0.11	<5	<50	16.2	<1	2	37.1	
D64934 (432017)	2	<10	<5	487	<10	<10	<5	0.11	<5	<50	16.0	<1	3	39.3	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T504136

PROJECT: AGAT00734

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 11, 2019

DATE RECEIVED: Aug 12, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D64935 (432018)	2	<10	<5	514	<10	<10	<5	0.13	<5	<50	18.7	<1	3	41.4
D64936 (432019)	5	<10	<5	525	<10	<10	<5	0.26	<5	<50	31.9	<1	7	76.6
D64937 (432020)	3	<10	<5	521	<10	<10	<5	0.15	<5	<50	23.8	<1	3	48.6
D64938 (432021)	3	<10	<5	523	<10	<10	<5	0.15	<5	<50	23.2	<1	3	49.4
D64939 (432022)	1	<10	<5	541	<10	<10	<5	0.09	<5	<50	14.0	<1	3	26.3
D64940 (432023)	1	<10	<5	503	<10	<10	<5	0.08	<5	<50	14.7	<1	3	28.0
D64941 (432024)	<1	<10	<5	492	<10	<10	<5	0.02	<5	<50	7.6	<1	1	11.9
D64942 (432025)	<1	<10	<5	367	<10	<10	<5	0.02	<5	<50	5.4	<1	1	8.5
D64943 (432026)	2	<10	<5	336	<10	<10	<5	0.11	<5	<50	15.5	<1	2	38.9
D64944 (432027)	3	<10	<5	418	<10	<10	<5	0.17	<5	<50	22.3	<1	3	65.2
D64945 (432028)	3	<10	<5	504	<10	<10	<5	0.14	<5	<50	22.1	<1	4	52.0
D64946 (432029)	44	<10	<5	113	<10	<10	<5	0.68	<5	<50	307	<1	22	80.3
D64947 (432030)	4	<10	<5	511	<10	<10	<5	0.19	<5	<50	27.1	<1	5	63.0
D64948 (432031)	3	<10	<5	509	<10	<10	<5	0.15	<5	<50	24.8	<1	6	36.7
D64949 (432032)	3	<10	<5	541	<10	<10	<5	0.15	<5	<50	21.1	<1	3	48.2
D64950 (432033)	1	<10	<5	521	<10	<10	<5	0.04	<5	<50	7.2	<1	2	12.0
D64951 (432034)	3	<10	<5	634	<10	<10	<5	0.16	<5	<50	27.5	<1	5	42.3
D64952 (432035)	<1	<10	<5	73	<10	<10	<5	<0.01	<5	<50	2.3	<1	2	4.3
D64953 (432036)	3	<10	<5	694	<10	<10	<5	0.17	<5	<50	26.1	<1	7	47.7
D64954 (432037)	5	<10	<5	810	<10	<10	<5	0.19	<5	<50	34.2	<1	12	57.1
D64955 (432038)	51	<10	<5	883	<10	<10	<5	0.59	<5	<50	268	<1	20	117
D64956 (432039)	3	<10	<5	598	<10	<10	<5	0.19	<5	<50	27.3	<1	5	55.7
D64957 (432040)	2	<10	<5	554	<10	<10	<5	0.13	<5	<50	18.9	<1	3	37.9
D64958 (432041)	2	<10	<5	580	<10	<10	<5	0.12	<5	<50	17.6	<1	2	37.1
D64959 (432042)	2	<10	<5	572	<10	<10	<5	0.13	<5	<50	19.0	<1	4	74.6
D64960 (432043)	2	<10	<5	548	<10	<10	<5	0.15	<5	<50	22.0	<1	3	50.7
D64961 (432044)	2	<10	<5	561	<10	<10	<5	0.17	<5	<50	22.8	<1	4	47.2
D64962 (432045)	3	<10	<5	624	<10	<10	<5	0.16	<5	<50	25.9	<1	3	43.9
D64963 (432046)	3	<10	<5	647	<10	<10	<5	0.18	<5	<50	25.3	<1	5	49.0
D64964 (432047)	2	<10	<5	652	<10	<10	<5	0.17	<5	<50	26.4	<1	4	45.8
D64965 (432048)	2	<10	<5	699	<10	<10	<5	0.16	<5	<50	24.3	<1	4	43.3
D64966 (432049)	43	<10	<5	108	<10	<10	<5	0.65	<5	<50	301	<1	21	73.6

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T504136

PROJECT: AGAT00734

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 11, 2019

DATE RECEIVED: Aug 12, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D64967 (432050)	3	<10	<5	661	<10	<10	<5	0.17	<5	<50	27.4	<1	4	46.6
D64968 (432051)	3	<10	<5	591	<10	<10	<5	0.18	<5	<50	28.8	<1	5	49.4
D64969 (432052)	<1	<10	<5	452	<10	<10	17	0.03	<5	<50	7.6	<1	4	9.3
D64970 (432053)	4	<10	<5	616	<10	<10	<5	0.23	<5	<50	34.9	<1	5	40.1
D64971 (432054)	2	<10	<5	563	<10	<10	<5	0.12	<5	<50	15.7	<1	3	32.9
D64972 (432055)	<1	<10	<5	65	<10	<10	<5	<0.01	<5	<50	2.6	<1	2	4.9
D64973 (432056)	3	<10	<5	694	<10	<10	<5	0.16	<5	<50	24.4	<1	4	42.4
D64974 (432057)	3	<10	<5	654	<10	<10	<5	0.17	<5	<50	25.5	<1	3	44.3

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 11, 2019      DATE RECEIVED: Aug 12, 2019      DATE REPORTED: Aug 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D64903 (431986)				37
D64904 (431987)				43
D64905 (431988)				34
D64906 (431989)				73
D64907 (431990)				67
D64908 (431991)				68
D64909 (431992)				41
D64910 (431993)				48
D64911 (431994)				46
D64912 (431995)				<5
D64913 (431996)				49
D64914 (431997)				51
D64915 (431998)				34
D64916 (431999)				44
D64917 (432000)				48
D64918 (432001)				49
D64919 (432002)				50
D64920 (432003)				58
D64921 (432004)				44
D64922 (432005)				87
D64923 (432006)				53
D64924 (432007)				37
D64925 (432008)				46
D64926 (432009)				72
D64927 (432010)				49
D64928 (432011)				42
D64929 (432012)				49
D64930 (432013)				36
D64931 (432014)				42
D64932 (432015)				<5
D64933 (432016)				30
D64934 (432017)				38

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## Certificate of Analysis

AGAT WORK ORDER: 19T504136

PROJECT: AGAT00734

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 11, 2019

DATE RECEIVED: Aug 12, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D64935 (432018)			47
D64936 (432019)			82
D64937 (432020)			59
D64938 (432021)			54
D64939 (432022)			67
D64940 (432023)			72
D64941 (432024)			89
D64942 (432025)			62
D64943 (432026)			29
D64944 (432027)			60
D64945 (432028)			62
D64946 (432029)			51
D64947 (432030)			81
D64948 (432031)			91
D64949 (432032)			59
D64950 (432033)			40
D64951 (432034)			67
D64952 (432035)			<5
D64953 (432036)			79
D64954 (432037)			113
D64955 (432038)			145
D64956 (432039)			117
D64957 (432040)			65
D64958 (432041)			67
D64959 (432042)			77
D64960 (432043)			58
D64961 (432044)			75
D64962 (432045)			47
D64963 (432046)			66
D64964 (432047)			93
D64965 (432048)			55
D64966 (432049)			50

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T504136

PROJECT: AGAT00734

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 11, 2019

DATE RECEIVED: Aug 12, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
Sample ID (AGAT ID)	RDL:
	5
D64967 (432050)	53
D64968 (432051)	65
D64969 (432052)	79
D64970 (432053)	61
D64971 (432054)	60
D64972 (432055)	<5
D64973 (432056)	49
D64974 (432057)	59

Comments: RDL - Reported Detection Limit

431986-432057 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T504136

PROJECT: AGAT00734

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 11, 2019

DATE RECEIVED: Aug 12, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D64903 (431986)			0.001
D64904 (431987)			0.001
D64905 (431988)			0.006
D64906 (431989)			0.339
D64907 (431990)			<0.001
D64908 (431991)			0.001
D64909 (431992)			<0.001
D64910 (431993)			0.001
D64911 (431994)			0.001
D64912 (431995)			<0.001
D64913 (431996)			<0.001
D64914 (431997)			<0.001
D64915 (431998)			<0.001
D64916 (431999)			<0.001
D64917 (432000)			0.001
D64918 (432001)			0.001
D64919 (432002)			<0.001
D64920 (432003)			0.001
D64921 (432004)			<0.001
D64922 (432005)			<0.001
D64923 (432006)			<0.001
D64924 (432007)			0.001
D64925 (432008)			0.001
D64926 (432009)			0.347
D64927 (432010)			<0.001
D64928 (432011)			<0.001
D64929 (432012)			<0.001
D64930 (432013)			<0.001
D64931 (432014)			0.001
D64932 (432015)			0.001
D64933 (432016)			<0.001
D64934 (432017)			<0.001

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T504136

PROJECT: AGAT00734

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 11, 2019

DATE RECEIVED: Aug 12, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D64935 (432018)			<0.001
D64936 (432019)			0.001
D64937 (432020)			<0.001
D64938 (432021)			<0.001
D64939 (432022)			0.001
D64940 (432023)			0.001
D64941 (432024)			0.002
D64942 (432025)			<0.001
D64943 (432026)			<0.001
D64944 (432027)			<0.001
D64945 (432028)			0.001
D64946 (432029)			0.533
D64947 (432030)			0.002
D64948 (432031)			0.001
D64949 (432032)			0.001
D64950 (432033)			<0.001
D64951 (432034)			0.001
D64952 (432035)			0.001
D64953 (432036)			0.001
D64954 (432037)			0.001
D64955 (432038)			0.003
D64956 (432039)			0.001
D64957 (432040)			0.003
D64958 (432041)			0.001
D64959 (432042)			0.016
D64960 (432043)			<0.001
D64961 (432044)			<0.001
D64962 (432045)			<0.001
D64963 (432046)			<0.001
D64964 (432047)			<0.001
D64965 (432048)			<0.001
D64966 (432049)			0.502

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T504136

PROJECT: AGAT00734

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MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 11, 2019

DATE RECEIVED: Aug 12, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D64967 (432050)			0.001
D64968 (432051)			<0.001
D64969 (432052)			<0.001
D64970 (432053)			<0.001
D64971 (432054)			<0.001
D64972 (432055)			<0.001
D64973 (432056)			<0.001
D64974 (432057)			<0.001

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T504136

PROJECT: AGAT00734

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 11, 2019

DATE RECEIVED: Aug 12, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D64903 (431986)		91.21
D64922 (432005)		78.37
D64942 (432025)		88.21
D64962 (432045)		85.88

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T504136

PROJECT: AGAT00734

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Aug 11, 2019

DATE RECEIVED: Aug 12, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D64903 (431986)		88.36
D64943 (432026)		89.44

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	431986	< 0.5	< 0.5	0.0%	432000	< 0.5	< 0.5	0.0%	432011	< 0.5	< 0.5	0.0%	432025	< 0.5	< 0.5	0.0%
Al	431986	7.07	7.35	3.9%	432000	8.06	8.38	3.9%	432011	8.10	8.31	2.6%	432025	6.62	6.50	1.8%
As	431986	1	< 1		432000	3	< 1		432011	< 1	< 1	0.0%	432025	< 1	< 1	0.0%
Ba	431986	896	898	0.2%	432000	220	225	2.2%	432011	532	519	2.5%	432025	1330	1330	0.0%
Be	431986	0.7	0.7	0.0%	432000	1.0	1.0	0.0%	432011	0.91	0.97	6.4%	432025	0.5	0.5	0.0%
Bi	431986	< 1	< 1	0.0%	432000	< 1	< 1	0.0%	432011	< 1	< 1	0.0%	432025	< 1	< 1	0.0%
Ca	431986	1.18	1.17	0.9%	432000	1.97	2.03	3.0%	432011	1.81	1.86	2.7%	432025	0.81	0.80	1.2%
Cd	431986	< 0.5	< 0.5	0.0%	432000	< 0.5	< 0.5	0.0%	432011	< 0.5	< 0.5	0.0%	432025	< 0.5	< 0.5	0.0%
Ce	431986	3	2		432000	15	14	6.9%	432011	15	16	6.5%	432025	5	5	0.0%
Co	431986	1.70	1.32	25.2%	432000	3.3	2.9	12.9%	432011	2.5	2.7	7.7%	432025	1.34	1.41	5.1%
Cr	431986	66.0	91.4		432000	77.9	84.6	8.2%	432011	66.2	71.5	7.7%	432025	79.4	85.0	6.8%
Cu	431986	2.51	2.34	7.0%	432000	5.0	5.0	0.0%	432011	1.8	1.2		432025	14.1	14.3	1.4%
Fe	431986	0.68	0.68	0.0%	432000	1.23	1.29	4.8%	432011	1.09	1.10	0.9%	432025	0.52	0.51	1.9%
Ga	431986	15	16	6.5%	432000	20	20	0.0%	432011	20	20	0.0%	432025	12	12	0.0%
In	431986	< 1	< 1	0.0%	432000	< 1	< 1	0.0%	432011	< 1	< 1	0.0%	432025	< 1	< 1	0.0%
K	431986	3.10	3.24	4.4%	432000	0.91	0.94	3.2%	432011	1.50	1.45	3.4%	432025	3.95	3.93	0.5%
La	431986	< 2	< 2	0.0%	432000	8	8	0.0%	432011	9	9	0.0%	432025	2	3	
Li	431986	7	7	0.0%	432000	15	16	6.5%	432011	18	19	5.4%	432025	5	5	0.0%
Mg	431986	0.08	0.08	0.0%	432000	0.33	0.34	3.0%	432011	0.29	0.29	0.0%	432025	0.05	0.05	0.0%
Mn	431986	70	69	1.4%	432000	181	186	2.7%	432011	161	162	0.6%	432025	52	50	3.9%
Mo	431986	11.2	13.4	17.9%	432000	13.2	13.8	4.4%	432011	9.4	10.1	7.2%	432025	15.8	16.0	1.3%
Na	431986	2.89	2.88	0.3%	432000	4.14	4.17	0.7%	432011	3.86	4.00	3.6%	432025	2.23	2.23	0.0%
Ni	431986	2.3	2.2	4.4%	432000	5.0	4.8	4.1%	432011	4.36	3.43	23.9%	432025	2.7	2.7	0.0%
P	431986	45	40	11.8%	432000	258	259	0.4%	432011	216	211	2.3%	432025	21	25	17.4%
Pb	431986	< 20	< 20	0.0%	432000	< 20	< 20	0.0%	432011	< 20	< 20	0.0%	432025	< 20	< 20	0.0%
Rb	431986	< 50	< 50	0.0%	432000	< 50	< 50	0.0%	432011	< 50	< 50	0.0%	432025	< 50	< 50	0.0%
S	431986	< 0.01	< 0.01	0.0%	432000	0.02	0.02	0.0%	432011	< 0.01	< 0.01	0.0%	432025	0.02	0.02	0.0%
Sb	431986	< 1	< 1	0.0%	432000	< 1	< 1	0.0%	432011	2	2	0.0%	432025	2	2	0.0%
Sc	431986	< 1	< 1	0.0%	432000	2	2	0.0%	432011	2	2	0.0%	432025	< 1	< 1	0.0%
Se	431986	< 10	< 10	0.0%	432000	< 10	< 10	0.0%	432011	< 10	< 10	0.0%	432025	< 10	< 10	0.0%
Sn	431986	< 5	< 5	0.0%	432000	< 5	< 5	0.0%	432011	< 5	< 5	0.0%	432025	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	431986	385	390	1.3%	432000	527	529	0.4%	432011	480	496	3.3%	432025	367	366	0.3%
Ta	431986	< 10	< 10	0.0%	432000	< 10	< 10	0.0%	432011	< 10	< 10	0.0%	432025	< 10	< 10	0.0%
Te	431986	< 10	< 10	0.0%	432000	< 10	< 10	0.0%	432011	< 10	< 10	0.0%	432025	< 10	< 10	0.0%
Th	431986	< 5	< 5	0.0%	432000	< 5	< 5	0.0%	432011	< 5	< 5	0.0%	432025	< 5	< 5	0.0%
Ti	431986	0.03	0.03	0.0%	432000	0.12	0.12	0.0%	432011	0.10	0.10	0.0%	432025	0.02	0.02	0.0%
Tl	431986	< 5	< 5	0.0%	432000	< 5	< 5	0.0%	432011	< 5	< 5	0.0%	432025	< 5	< 5	0.0%
U	431986	< 50	< 50	0.0%	432000	< 50	< 50	0.0%	432011	< 50	< 50	0.0%	432025	< 50	< 50	0.0%
V	431986	9.93	9.99	0.6%	432000	17.7	18.2	2.8%	432011	15.7	15.9	1.3%	432025	5.41	5.59	3.3%
W	431986	< 1	< 1	0.0%	432000	< 1	< 1	0.0%	432011	< 1	< 1	0.0%	432025	< 1	< 1	0.0%
Y	431986	1	1	0.0%	432000	2	2	0.0%	432011	3	3	0.0%	432025	1	1	0.0%
Zn	431986	14.1	15.3	8.2%	432000	42.5	43.8	3.0%	432011	36.6	36.8	0.5%	432025	8.5	9.1	6.8%
Zr	431986	37	32	14.5%	432000	48	44	8.7%	432011	42	50	17.4%	432025	62	53	15.7%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	432036	< 0.5	< 0.5	0.0%	432050	< 0.5	< 0.5	0.0%								
Al	432036	8.01	8.21	2.5%	432050	8.54	8.70	1.9%								
As	432036	< 1	< 1	0.0%	432050	< 1	1									
Ba	432036	334	354	5.8%	432050	251	254	1.2%								
Be	432036	0.8	0.8	0.0%	432050	0.9	0.9	0.0%								
Bi	432036	< 1	< 1	0.0%	432050	< 1	< 1	0.0%								
Ca	432036	2.02	2.12	4.8%	432050	2.17	2.18	0.5%								
Cd	432036	< 0.5	< 0.5	0.0%	432050	< 0.5	< 0.5	0.0%								
Ce	432036	28	30	6.9%	432050	25	26	3.9%								
Co	432036	3.5	3.4	2.9%	432050	3.6	3.6	0.0%								
Cr	432036	51.7	58.4	12.2%	432050	45.4	46.9	3.3%								
Cu	432036	8.2	8.2	0.0%	432050	2.6	2.5	3.9%								
Fe	432036	1.55	1.54	0.6%	432050	1.56	1.59	1.9%								
Ga	432036	20	21	4.9%	432050	21	20	4.9%								
In	432036	< 1	< 1	0.0%	432050	< 1	< 1	0.0%								
K	432036	0.97	1.01	4.0%	432050	1.00	1.02	2.0%								
La	432036	15	16	6.5%	432050	14	14	0.0%								
Li	432036	19	19	0.0%	432050	25	26	3.9%								
Mg	432036	0.37	0.38	2.7%	432050	0.390	0.396	1.5%								
Mn	432036	191	204	6.6%	432050	195	196	0.5%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	432036	8.2	10.2	21.7%	432050	9.92	10.2	2.8%								
Na	432036	3.94	4.12	4.5%	432050	4.20	4.24	0.9%								
Ni	432036	1.7	2.5		432050	2.0	1.8	10.5%								
P	432036	398	404	1.5%	432050	424	419	1.2%								
Pb	432036	< 20	< 20	0.0%	432050	< 20	< 20	0.0%								
Rb	432036	< 50	< 50	0.0%	432050	< 50	< 50	0.0%								
S	432036	0.02	0.02	0.0%	432050	0.01	0.01	0.0%								
Sb	432036	< 1	< 1	0.0%	432050	< 1	< 1	0.0%								
Sc	432036	3	3	0.0%	432050	3	3	0.0%								
Se	432036	< 10	< 10	0.0%	432050	< 10	< 10	0.0%								
Sn	432036	< 5	< 5	0.0%	432050	< 5	< 5	0.0%								
Sr	432036	694	724	4.2%	432050	661	666	0.8%								
Ta	432036	< 10	< 10	0.0%	432050	< 10	< 10	0.0%								
Te	432036	< 10	< 10	0.0%	432050	< 10	< 10	0.0%								
Th	432036	< 5	< 5	0.0%	432050	< 5	< 5	0.0%								
Ti	432036	0.17	0.17	0.0%	432050	0.172	0.176	2.3%								
Tl	432036	< 5	< 5	0.0%	432050	< 5	< 5	0.0%								
U	432036	< 50	< 50	0.0%	432050	< 50	< 50	0.0%								
V	432036	26.1	25.1	3.9%	432050	27.4	27.6	0.7%								
W	432036	< 1	< 1	0.0%	432050	< 1	< 1	0.0%								
Y	432036	7	8	13.3%	432050	4	4	0.0%								
Zn	432036	47.7	50.9	6.5%	432050	46.6	47.5	1.9%								
Zr	432036	79	78	1.3%	432050	53	55	3.7%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	431986	0.001	0.002		432000	0.001	< 0.001		432011	< 0.001	< 0.001	0.0%	432025	< 0.001	0.001	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	432036	0.001	< 0.001		432050	0.001	0.001	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GS5W)				CRM #3 (ref.GSP7M)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	3.23	107%	90% - 110%
Al	10.95	10.85	99%	90% - 110%	8.17	8.71	107%	90% - 110%	6.96	6.79	98%	90% - 110%	4.75	5.03	106%	90% - 110%
As					26	23	87%	90% - 110%	124	112	90%	90% - 110%				
Ba	340	331	97%	90% - 110%	540	529	98%	90% - 110%	186	177	95%	90% - 110%	216	221	102%	90% - 110%
Be	2.6	2.5	98%	90% - 110%	4.0	3.1	78%	90% - 110%								
Ca	5.72	5.53	97%	90% - 110%	0.907	0.947	104%	90% - 110%	4.01	3.72	93%	90% - 110%	10	9	94%	90% - 110%
Ce	122	110	90%	90% - 110%	98	89	91%	90% - 110%	24	19	79%	90% - 110%				
Co	2.8	2.3	81%	90% - 110%					22.1	20.7	94%	90% - 110%	191	173	91%	90% - 110%
Cr					60.3	61.5	102%	90% - 110%					670	511	76%	90% - 110%
Cu					150	156	104%	90% - 110%	88.6	81.8	92%	90% - 110%	7120	7406	104%	90% - 110%
Fe	4.34	4.05	93%	90% - 110%	3.77	3.84	102%	90% - 110%	7.56	7.06	93%	90% - 110%	12.71	12.04	95%	90% - 110%
Ga	35	36	102%	90% - 110%												
K	1.37	1.41	103%	90% - 110%					2.021	1.964	97%	90% - 110%	0.1021	0.1102	108%	90% - 110%
La	58	55	95%	90% - 110%	44	44	100%	90% - 110%					8.47	9.24	109%	90% - 110%
Li	37	39	104%	90% - 110%	47	49	105%	90% - 110%								
Mg	0.325	0.302	93%	90% - 110%	1.10	1.14	104%	90% - 110%	2.412	2.361	98%	90% - 110%	7.41	7.45	101%	90% - 110%
Mn					780	784	101%	90% - 110%	1510	1390	92%	90% - 110%				
Mo					14	12	88%	90% - 110%								
Na	5.267	5.27	100%	90% - 110%	1.624	1.711	105%	90% - 110%	0.617	0.599	97%	90% - 110%	0.112	0.123	110%	90% - 110%
Ni					32	31	98%	90% - 110%	77.1	71	92%	90% - 110%	2480	2245	90%	90% - 110%
P					750	753	100%	90% - 110%	892	875	98%	90% - 110%	731	676	92%	90% - 110%
Pb					31	30	98%	90% - 110%								
S									0.348	0.322	92%	90% - 110%				
Sc	1.1	0.9	78%	90% - 110%	12	12	97%	90% - 110%					21.33	20.61	97%	90% - 110%
Sr	1191	1182	99%	90% - 110%	144	157	109%	90% - 110%	92.8	87	94%	90% - 110%	39	39	99%	90% - 110%
Ti	0.172	0.17	99%	90% - 110%	0.53	0.52	97%	90% - 110%					0.419	0.428	102%	90% - 110%
V	8	7	94%	90% - 110%	77	76	99%	90% - 110%					158	154	97%	90% - 110%
Y	119	118	99%	90% - 110%									12.67	12.56	99%	90% - 110%
Zn	93	91	98%	90% - 110%	130	123	95%	90% - 110%	208	197	95%	90% - 110%	112	110	99%	90% - 110%
Zr													35.7	34.1	95%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GS5W)				CRM #3 (ref.GSP7M)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	7.17	104%	90% - 110%	5.27	5.34	101%	90% - 110%	0.725	0.791	109%	90% - 110%	0.562	0.603	107%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00734  
 SAMPLING SITE:

AGAT WORK ORDER: 19T504136  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00735

AGAT WORK ORDER: 19T504137

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Aug 29, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T504137

PROJECT: AGAT00735

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 11, 2019

DATE RECEIVED: Aug 12, 2019

DATE REPORTED: Aug 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D64975 (432058)		1.44
D64976 (432059)		1.41
D64977 (432060)		0.65
D64978 (432061)		0.65
D64979 (432062)		1.20
D64980 (432063)		1.14
D64981 (432064)		1.45
D64982 (432065)		0.65
D64983 (432066)		1.09
D64984 (432067)		2.23
D64985 (432068)		2.13
D64986 (432069)		0.07
D64987 (432070)		1.09
D64988 (432071)		1.23
D64989 (432072)		2.11
D64990 (432073)		1.83
D64991 (432074)		0.95
D64992 (432075)		0.57
D64993 (432076)		2.28
D64994 (432077)		1.28
D64995 (432078)		2.26
D64996 (432079)		0.71
D64997 (432080)		1.56
D64998 (432081)		1.56
D64999 (432082)		1.80
D65000 (432083)		2.14
D62001 (432084)		1.97
D62002 (432085)		2.15
D62003 (432086)		2.10
D62004 (432087)		2.39
D62005 (432088)		2.14

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T504137

PROJECT: AGAT00735

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 11, 2019      DATE RECEIVED: Aug 12, 2019      DATE REPORTED: Aug 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D62006 (432089)		0.07
D62007 (432090)		2.17
D62008 (432091)		1.93
D62009 (432092)		0.85
D62010 (432093)		0.93
D62011 (432094)		1.37
D62012 (432095)		0.65
D62013 (432096)		1.43
D62014 (432097)		2.19
D62015 (432098)		2.17
D62016 (432099)		2.07
D62017 (432100)		1.85
D62018 (432101)		1.85
D62019 (432102)		2.07
D62020 (432103)		2.11
D62021 (432104)		2.12
D62022 (432105)		2.74
D62023 (432106)		0.82
D62024 (432107)		0.96
D62025 (432108)		2.28
D62026 (432109)		0.07
D62027 (432110)		2.17
D62028 (432111)		1.94
D62029 (432112)		2.42
D62030 (432113)		2.14
D62031 (432114)		0.92
D62032 (432115)		0.56
D62033 (432116)		1.37
D62034 (432117)		2.24
D62035 (432118)		2.14
D62036 (432119)		2.16

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T504137

PROJECT: AGAT00735

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Aug 11, 2019

DATE RECEIVED: Aug 12, 2019

DATE REPORTED: Aug 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D62037 (432120)		2.35
D62038 (432121)		2.35
D62039 (432122)		2.11
D62040 (432123)		2.25
D62041 (432124)		1.99
D62042 (432125)		2.12
D62043 (432126)		2.13
D62044 (432127)		2.08
D62045 (432128)		2.08
D62046 (432129)		0.07

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T504137

PROJECT: AGAT00735

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 11, 2019	DATE RECEIVED: Aug 12, 2019							DATE REPORTED: Aug 29, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D64975 (432058)	<0.5	8.78	<1	352	0.7	<1	2.29	<0.5	25	4.3	131	3.2	1.64	22	
D64976 (432059)	<0.5	8.98	1	213	0.8	<1	2.25	<0.5	25	3.8	158	3.6	1.67	22	
D64977 (432060)	<0.5	8.40	<1	1080	1.1	<1	1.60	<0.5	21	1.6	145	2.0	0.81	18	
D64978 (432061)	<0.5	8.14	<1	1070	1.1	<1	1.49	<0.5	24	1.6	155	1.7	0.86	17	
D64979 (432062)	<0.5	8.40	<1	256	1.0	<1	2.04	<0.5	21	3.9	186	3.7	1.62	22	
D64980 (432063)	<0.5	8.60	<1	208	1.0	<1	2.16	<0.5	29	3.1	118	5.9	1.48	22	
D64981 (432064)	<0.5	8.25	8	219	1.0	<1	2.06	<0.5	21	3.7	122	10.5	1.48	20	
D64982 (432065)	<0.5	7.44	<1	1860	0.6	<1	0.88	<0.5	14	1.5	116	1.6	0.55	14	
D64983 (432066)	<0.5	8.19	<1	395	1.2	<1	1.87	<0.5	34	2.5	112	3.1	1.15	19	
D64984 (432067)	<0.5	8.82	2	366	1.0	<1	2.09	<0.5	26	4.1	121	4.4	1.67	23	
D64985 (432068)	<0.5	8.65	<1	299	0.9	<1	2.21	<0.5	28	4.6	91.8	4.8	1.71	21	
D64986 (432069)	<0.5	7.47	<1	187	<0.5	<1	6.45	<0.5	17	43.4	168	109	7.69	24	
D64987 (432070)	<0.5	8.83	<1	223	0.7	<1	2.19	<0.5	28	4.9	85.3	<0.5	1.71	23	
D64988 (432071)	<0.5	7.26	<1	453	0.7	<1	1.00	<0.5	11	0.8	146	1.3	0.59	15	
D64989 (432072)	<0.5	7.29	<1	403	1.1	<1	0.97	<0.5	3	<0.5	143	1.5	0.72	15	
D64990 (432073)	<0.5	8.31	<1	368	0.8	<1	2.21	<0.5	25	5.0	124	15.2	1.60	21	
D64991 (432074)	<0.5	8.32	11	584	4.0	<1	2.44	<0.5	21	7.6	163	13.6	2.04	23	
D64992 (432075)	<0.5	0.09	2	16	<0.5	<1	32.7	<0.5	3	0.8	9.9	<0.5	0.09	7	
D64993 (432076)	<0.5	2.25	<1	414	8.2	<1	7.22	<0.5	115	69.9	551	104	7.59	18	
D64994 (432077)	<0.5	9.42	<1	511	2.1	<1	2.51	<0.5	27	5.6	101	10.6	2.08	24	
D64995 (432078)	<0.5	8.95	<1	250	1.2	<1	2.39	<0.5	19	5.9	130	10.0	1.81	23	
D64996 (432079)	<0.5	8.80	2	259	1.3	<1	2.39	<0.5	20	5.4	119	15.7	1.49	22	
D64997 (432080)	<0.5	7.58	<1	1440	1.1	<1	1.25	<0.5	9	2.7	157	6.6	0.89	17	
D64998 (432081)	<0.5	7.64	<1	1410	1.2	<1	1.34	<0.5	10	2.7	95.6	8.1	0.93	17	
D64999 (432082)	<0.5	8.69	<1	286	1.0	<1	2.11	<0.5	28	4.0	104	5.5	1.62	21	
D65000 (432083)	<0.5	8.78	<1	309	1.0	<1	2.11	<0.5	24	3.9	101	12.5	1.58	22	
D62001 (432084)	<0.5	9.07	<1	239	1.3	<1	2.26	<0.5	26	4.4	110	4.5	1.53	23	
D62002 (432085)	<0.5	9.07	<1	278	0.9	<1	2.32	<0.5	31	4.6	104	4.7	1.81	22	
D62003 (432086)	<0.5	8.92	<1	252	1.1	<1	2.28	<0.5	29	4.6	99.3	4.1	1.66	23	
D62004 (432087)	<0.5	8.98	<1	245	1.0	<1	2.26	<0.5	28	4.4	105	4.8	1.69	22	
D62005 (432088)	<0.5	8.66	<1	229	1.0	<1	2.16	<0.5	31	4.5	123	6.6	1.59	22	
D62006 (432089)	<0.5	7.64	<1	191	<0.5	<1	6.53	<0.5	17	43.0	167	109	7.82	24	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T504137

PROJECT: AGAT00735

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 11, 2019	DATE RECEIVED: Aug 12, 2019							DATE REPORTED: Aug 29, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D62007 (432090)	<0.5	8.56	<1	248	0.7	<1	2.23	<0.5	25	4.5	141	2.3	1.52	21	
D62008 (432091)	<0.5	8.79	<1	270	0.8	<1	2.29	<0.5	21	4.2	99.9	8.3	1.71	21	
D62009 (432092)	<0.5	9.06	1	426	1.2	<1	2.08	<0.5	29	4.3	111	11.7	1.61	22	
D62010 (432093)	<0.5	7.76	<1	751	1.5	<1	1.45	<0.5	31	2.5	133	7.5	1.22	19	
D62011 (432094)	<0.5	8.41	<1	281	1.3	<1	2.04	<0.5	23	4.7	121	6.7	1.62	22	
D62012 (432095)	<0.5	0.14	<1	20	<0.5	<1	33.8	<0.5	2	0.8	15.9	<0.5	0.10	7	
D62013 (432096)	<0.5	8.85	<1	320	0.7	<1	2.27	<0.5	27	4.2	157	1.3	1.63	22	
D62014 (432097)	<0.5	8.52	<1	331	0.9	<1	2.15	<0.5	28	4.1	143	7.3	1.57	21	
D62015 (432098)	<0.5	8.37	<1	325	1.0	<1	2.08	<0.5	23	3.4	118	10.9	1.35	21	
D62016 (432099)	<0.5	8.52	<1	375	1.1	<1	2.10	<0.5	25	4.7	136	17.7	1.59	21	
D62017 (432100)	<0.5	8.32	<1	224	0.9	<1	2.03	<0.5	24	4.2	155	10.7	1.46	21	
D62018 (432101)	<0.5	8.65	<1	241	1.0	<1	2.13	<0.5	25	4.2	153	13.2	1.62	21	
D62019 (432102)	<0.5	7.75	1	165	1.0	<1	3.88	<0.5	18	2.7	135	2.4	1.31	19	
D62020 (432103)	<0.5	8.16	<1	419	0.9	<1	3.46	<0.5	19	3.0	138	5.9	1.26	21	
D62021 (432104)	<0.5	8.50	<1	260	1.1	<1	2.10	<0.5	25	3.5	144	5.8	1.52	22	
D62022 (432105)	<0.5	8.88	<1	353	1.1	<1	2.08	<0.5	27	3.9	162	3.7	1.62	23	
D62023 (432106)	<0.5	7.47	1	1040	1.0	<1	1.31	<0.5	12	1.7	194	2.6	0.97	17	
D62024 (432107)	<0.5	8.74	<1	582	1.1	<1	1.86	<0.5	22	2.7	119	10.1	1.40	22	
D62025 (432108)	<0.5	8.36	<1	277	1.1	<1	2.10	<0.5	29	4.2	194	5.5	1.54	24	
D62026 (432109)	<0.5	7.48	<1	186	<0.5	<1	6.40	<0.5	17	43.6	210	107	7.64	24	
D62027 (432110)	<0.5	8.47	<1	311	0.8	<1	2.06	<0.5	29	5.0	155	6.8	1.63	22	
D62028 (432111)	<0.5	8.29	<1	429	6.1	<1	2.00	<0.5	31	5.0	188	6.3	1.59	22	
D62029 (432112)	<0.5	4.31	6	496	21.3	<1	6.35	<0.5	76	48.3	386	79.4	6.28	20	
D62030 (432113)	<0.5	6.34	19	646	6.0	<1	4.13	<0.5	52	28.7	300	38.1	3.91	23	
D62031 (432114)	<0.5	4.21	9	889	6.8	<1	8.78	<0.5	187	31.4	153	81.2	5.96	20	
D62032 (432115)	<0.5	0.13	1	17	<0.5	<1	31.8	<0.5	3	0.9	18.8	<0.5	0.10	8	
D62033 (432116)	<0.5	8.34	<1	759	1.2	<1	1.92	<0.5	29	4.4	144	7.2	1.65	22	
D62034 (432117)	<0.5	8.13	8	597	1.0	<1	2.27	<0.5	32	8.3	133	12.9	2.04	24	
D62035 (432118)	<0.5	8.49	<1	324	0.9	<1	1.94	<0.5	23	4.0	125	6.2	1.43	21	
D62036 (432119)	<0.5	8.35	<1	349	0.9	<1	1.96	<0.5	19	2.8	139	3.5	1.24	20	
D62037 (432120)	<0.5	8.07	5	440	0.9	<1	1.94	<0.5	39	3.1	127	2.9	1.23	20	
D62038 (432121)	<0.5	7.76	3	468	0.9	<1	1.93	<0.5	36	3.0	126	2.7	1.18	19	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T504137

PROJECT: AGAT00735

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 11, 2019	DATE RECEIVED: Aug 12, 2019							DATE REPORTED: Aug 29, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D62039 (432122)	<0.5	2.98	43	305	3.9	<1	7.24	<0.5	72	60.2	507	90.4	7.89	17	
D62040 (432123)	<0.5	8.57	<1	753	1.0	<1	1.89	<0.5	22	4.4	113	5.1	1.81	24	
D62041 (432124)	<0.5	8.51	<1	393	0.9	<1	2.01	<0.5	30	5.3	155	11.5	1.86	25	
D62042 (432125)	<0.5	8.69	<1	644	1.1	<1	2.02	<0.5	28	3.6	127	2.4	1.52	22	
D62043 (432126)	<0.5	8.69	<1	404	0.9	<1	2.15	<0.5	31	4.6	124	3.7	1.63	24	
D62044 (432127)	<0.5	8.79	<1	372	1.1	<1	2.06	<0.5	26	4.9	121	8.1	1.68	24	
D62045 (432128)	<0.5	8.28	1	661	1.0	<1	1.76	<0.5	21	2.8	133	4.8	1.33	21	
D62046 (432129)	<0.5	7.83	<1	185	<0.5	<1	6.28	<0.5	18	45.8	194	108	7.56	25	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T504137

PROJECT: AGAT00735

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 11, 2019

DATE RECEIVED: Aug 12, 2019

DATE REPORTED: Aug 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D64975 (432058)		<1	1.09	13	29	0.40	198	13.3	4.10	2.9	426	<20	<50	0.02	<1
D64976 (432059)		<1	1.04	12	32	0.42	219	12.5	4.32	2.3	420	<20	<50	0.02	<1
D64977 (432060)		<1	3.24	9	7	0.10	83	15.5	3.52	1.6	64	<20	<50	<0.01	<1
D64978 (432061)		<1	3.17	11	6	0.10	87	12.3	3.36	1.0	56	<20	<50	<0.01	<1
D64979 (432062)		<1	1.12	10	26	0.38	226	16.3	4.10	2.5	399	<20	<50	0.02	<1
D64980 (432063)		<1	0.97	14	22	0.35	205	11.6	4.21	2.1	367	<20	<50	0.02	<1
D64981 (432064)		<1	1.48	10	19	0.35	185	13.6	4.09	3.0	234	<20	<50	0.07	<1
D64982 (432065)		<1	4.73	7	6	0.09	66	14.2	2.34	2.2	68	<20	<50	0.01	2
D64983 (432066)		<1	1.43	16	12	0.30	174	14.5	3.91	4.1	273	<20	<50	0.01	<1
D64984 (432067)		<1	1.46	13	23	0.40	216	11.0	4.14	2.1	459	<20	<50	0.02	<1
D64985 (432068)		<1	1.15	14	25	0.45	229	13.7	4.25	3.1	900	<20	<50	0.02	<1
D64986 (432069)		<1	0.44	10	10	4.21	1330	<0.5	2.29	109	895	<20	<50	0.08	<1
D64987 (432070)		<1	1.02	14	29	0.43	220	9.7	4.21	1.9	491	<20	<50	0.01	<1
D64988 (432071)		<1	3.89	5	3	0.06	60	16.8	2.68	1.6	47	<20	<50	<0.01	<1
D64989 (432072)		<1	4.07	<2	5	0.07	67	11.7	2.61	<0.5	51	<20	<50	<0.01	<1
D64990 (432073)		<1	1.01	12	20	0.44	196	11.8	4.14	2.6	464	<20	<50	0.05	<1
D64991 (432074)		<1	1.13	10	57	1.13	245	11.2	4.56	32.8	1480	<20	<50	0.03	<1
D64992 (432075)		3	0.02	<2	<1	1.86	73	<0.5	0.05	<0.5	80	<20	<50	0.03	3
D64993 (432076)		<1	2.13	57	101	9.51	1320	2.0	1.92	536	1130	<20	<50	0.14	<1
D64994 (432077)		<1	1.17	13	29	0.78	259	9.8	5.00	9.4	800	<20	<50	0.03	<1
D64995 (432078)		<1	1.15	9	24	0.55	264	13.1	4.45	8.5	365	<20	<50	0.04	<1
D64996 (432079)		<1	1.77	10	17	0.41	208	10.3	4.28	2.5	357	<20	<50	0.05	<1
D64997 (432080)		<1	3.93	4	7	0.21	120	19.6	2.96	3.8	126	<20	<50	0.03	<1
D64998 (432081)		<1	3.96	4	8	0.26	138	13.4	3.11	3.5	141	<20	<50	0.03	<1
D64999 (432082)		<1	1.41	14	25	0.40	216	13.1	4.17	2.7	439	<20	<50	0.02	<1
D65000 (432083)		<1	1.23	12	27	0.37	213	11.4	4.20	2.0	404	<20	<50	0.03	<1
D62001 (432084)		<1	1.20	12	29	0.40	226	9.6	4.46	1.4	386	<20	<50	0.02	<1
D62002 (432085)		<1	1.28	15	23	0.47	243	11.3	4.31	2.3	508	<20	<50	0.02	<1
D62003 (432086)		<1	1.16	14	18	0.43	220	9.0	4.39	1.3	481	<20	<50	0.03	<1
D62004 (432087)		<1	1.18	14	18	0.44	227	12.0	4.47	1.7	461	<20	<50	0.03	<1
D62005 (432088)		<1	1.19	15	19	0.40	222	11.3	4.10	2.2	437	<20	<50	0.03	<1
D62006 (432089)		<1	0.45	10	10	4.27	1350	<0.5	2.36	112	900	<20	<50	0.09	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T504137

PROJECT: AGAT00735

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 11, 2019	DATE RECEIVED: Aug 12, 2019					DATE REPORTED: Aug 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D62007 (432090)	<1	0.96	12	18	0.37	179	14.2	4.09	2.2	448	<20	<50	0.01	<1	
D62008 (432091)	<1	1.02	10	23	0.41	212	11.6	4.30	1.7	451	<20	<50	0.03	<1	
D62009 (432092)	<1	1.61	14	20	0.40	226	15.4	4.37	2.2	413	<20	<50	0.03	<1	
D62010 (432093)	<1	3.14	11	11	0.30	173	13.3	3.56	4.3	351	<20	<50	0.02	<1	
D62011 (432094)	<1	1.66	11	15	0.44	232	13.0	4.10	2.9	417	<20	<50	0.03	<1	
D62012 (432095)	2	0.03	<2	2	2.52	66	0.6	0.07	<0.5	80	<20	<50	0.03	<1	
D62013 (432096)	<1	1.10	13	16	0.42	205	12.0	4.22	2.1	446	<20	<50	0.01	<1	
D62014 (432097)	<1	1.15	13	17	0.37	179	12.9	4.05	2.3	448	<20	<50	0.02	<1	
D62015 (432098)	<1	1.12	11	17	0.32	157	11.3	4.10	1.5	341	<20	<50	0.02	<1	
D62016 (432099)	<1	1.16	12	22	0.36	196	13.3	4.23	2.6	505	<20	<50	0.05	<1	
D62017 (432100)	<1	0.95	12	20	0.33	192	12.2	4.02	2.0	384	<20	<50	0.03	<1	
D62018 (432101)	<1	1.00	12	21	0.37	218	16.9	4.27	4.1	407	<20	<50	0.04	<1	
D62019 (432102)	<1	0.80	9	19	0.35	157	12.0	3.90	1.2	284	<20	<50	0.01	<1	
D62020 (432103)	<1	1.39	9	23	0.40	188	12.1	3.87	1.8	293	<20	<50	0.02	<1	
D62021 (432104)	<1	1.20	12	34	0.39	215	14.7	4.19	2.7	371	<20	<50	0.02	<1	
D62022 (432105)	<1	1.27	13	27	0.38	208	14.4	4.22	1.6	467	<20	<50	0.02	<1	
D62023 (432106)	<1	2.93	5	12	0.19	121	16.7	3.14	1.4	157	<20	<50	0.01	<1	
D62024 (432107)	<1	1.84	10	18	0.28	187	17.3	4.07	1.9	343	<20	<50	0.03	<1	
D62025 (432108)	<1	1.23	14	24	0.36	227	15.1	4.17	1.8	445	<20	<50	0.02	<1	
D62026 (432109)	<1	0.44	10	10	4.19	1320	<0.5	2.30	107	899	<20	<50	0.09	<1	
D62027 (432110)	<1	1.06	13	21	0.44	258	12.7	4.11	4.6	446	<20	<50	0.03	<1	
D62028 (432111)	<1	1.25	15	21	0.45	242	15.6	4.07	5.4	590	<20	<50	0.03	<1	
D62029 (432112)	<1	2.93	36	49	5.61	1030	3.2	2.89	323	1510	<20	<50	0.11	<1	
D62030 (432113)	<1	2.30	24	39	3.05	635	10.2	3.25	178	885	<20	<50	0.07	<1	
D62031 (432114)	<1	2.34	87	46	4.23	1460	7.1	2.89	95.9	4880	<20	<50	0.14	<1	
D62032 (432115)	3	0.02	<2	1	1.91	47	0.6	0.07	<0.5	98	<20	<50	0.03	2	
D62033 (432116)	<1	1.56	14	18	0.42	234	16.6	4.16	4.0	408	<20	<50	0.03	<1	
D62034 (432117)	<1	1.82	15	24	0.72	325	10.7	3.84	12.7	524	<20	<50	0.06	<1	
D62035 (432118)	<1	1.09	11	28	0.38	205	13.7	4.13	4.6	364	<20	<50	0.02	<1	
D62036 (432119)	<1	1.31	10	12	0.34	177	12.5	3.93	3.6	243	<20	<50	0.02	<1	
D62037 (432120)	<1	1.25	19	14	0.35	171	16.2	4.08	5.9	994	<20	<50	0.02	<1	
D62038 (432121)	<1	1.24	18	11	0.33	162	15.7	3.91	6.3	1100	<20	<50	0.02	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T504137

PROJECT: AGAT00735

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 11, 2019

DATE RECEIVED: Aug 12, 2019

DATE REPORTED: Aug 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D62039 (432122)		<1	2.60	37	181	7.47	1290	3.4	1.87	396	1400	35	<50	0.15	<1
D62040 (432123)		<1	1.65	11	24	0.44	236	11.7	4.16	3.9	416	<20	<50	0.02	<1
D62041 (432124)		<1	1.30	14	36	0.53	251	12.7	3.90	6.2	490	<20	<50	0.03	<1
D62042 (432125)		<1	1.72	13	21	0.35	224	12.4	4.03	2.6	431	<20	<50	0.03	<1
D62043 (432126)		<1	1.13	14	31	0.44	249	13.0	4.15	4.1	449	<20	<50	0.02	<1
D62044 (432127)		<1	1.18	13	32	0.48	250	13.9	4.28	5.2	579	<20	<50	0.04	<1
D62045 (432128)		<1	1.88	10	20	0.35	188	15.6	3.96	2.3	388	<20	<50	0.03	<1
D62046 (432129)		<1	0.46	11	10	4.42	1380	<0.5	2.28	115	966	<20	<50	0.09	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T504137

PROJECT: AGAT00735

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 11, 2019

DATE RECEIVED: Aug 12, 2019

DATE REPORTED: Aug 29, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D64975 (432058)	3	<10	<5	633	<10	<10	<5	0.18	<5	<50	28.5	<1	4	50.5
D64976 (432059)	3	<10	<5	596	<10	<10	<5	0.19	<5	<50	27.4	<1	4	53.9
D64977 (432060)	<1	<10	<5	573	<10	<10	21	0.05	<5	<50	11.5	<1	2	22.1
D64978 (432061)	<1	<10	<5	544	<10	<10	30	0.05	<5	<50	12.3	<1	3	21.5
D64979 (432062)	3	<10	<5	530	<10	<10	<5	0.16	<5	<50	25.1	<1	4	52.5
D64980 (432063)	2	<10	<5	551	<10	<10	<5	0.15	<5	<50	23.3	<1	4	46.3
D64981 (432064)	2	<10	<5	509	<10	<10	<5	0.13	<5	<50	21.2	<1	3	62.7
D64982 (432065)	<1	<10	<5	482	<10	<10	<5	0.04	<5	<50	8.3	<1	2	14.1
D64983 (432066)	2	<10	<5	505	<10	<10	<5	0.13	<5	<50	15.1	<1	5	40.7
D64984 (432067)	3	<10	<5	597	<10	<10	<5	0.18	<5	<50	29.4	<1	4	50.1
D64985 (432068)	3	<10	<5	664	<10	<10	<5	0.18	<5	<50	31.3	<1	5	51.2
D64986 (432069)	34	<10	<5	248	<10	<10	<5	0.87	<5	<50	246	<1	22	89.2
D64987 (432070)	3	<10	<5	636	<10	<10	<5	0.19	<5	<50	32.5	<1	4	55.9
D64988 (432071)	<1	<10	<5	307	<10	<10	24	0.04	<5	<50	7.5	<1	2	12.8
D64989 (432072)	1	<10	<5	272	<10	<10	11	0.05	<5	<50	14.8	<1	2	16.0
D64990 (432073)	3	<10	<5	564	<10	<10	<5	0.19	<5	<50	29.2	<1	5	49.9
D64991 (432074)	9	<10	<5	637	<10	<10	<5	0.27	<5	<50	61.1	<1	8	49.7
D64992 (432075)	<1	<10	<5	72	<10	<10	<5	<0.01	<5	<50	3.8	3	2	3.0
D64993 (432076)	24	<10	<5	813	<10	<10	<5	1.22	<5	<50	215	<1	26	81.6
D64994 (432077)	5	<10	<5	652	<10	<10	<5	0.22	<5	<50	41.9	<1	7	55.9
D64995 (432078)	4	<10	<5	548	<10	<10	<5	0.18	<5	<50	32.2	<1	5	76.6
D64996 (432079)	3	<10	<5	513	<10	<10	<5	0.16	<5	<50	28.7	<1	5	41.5
D64997 (432080)	2	<10	<5	432	<10	<10	<5	0.06	<5	<50	16.6	<1	4	14.3
D64998 (432081)	2	<10	<5	439	<10	<10	<5	0.07	<5	<50	18.3	<1	4	15.9
D64999 (432082)	3	<10	<5	582	<10	<10	<5	0.18	<5	<50	27.2	<1	5	54.1
D65000 (432083)	2	<10	<5	559	<10	<10	<5	0.16	<5	<50	24.6	<1	3	52.6
D62001 (432084)	3	<10	<5	535	<10	<10	<5	0.17	<5	<50	25.0	<1	6	60.7
D62002 (432085)	4	<10	<5	637	<10	<10	<5	0.21	<5	<50	32.9	<1	5	55.1
D62003 (432086)	3	<10	<5	607	<10	<10	<5	0.18	<5	<50	29.3	<1	6	50.1
D62004 (432087)	3	<10	<5	610	<10	<10	<5	0.18	<5	<50	28.3	<1	5	49.5
D62005 (432088)	3	<10	<5	539	<10	<10	<5	0.17	<5	<50	28.5	<1	5	49.2
D62006 (432089)	34	<10	<5	254	<10	<10	<5	0.89	<5	<50	246	<1	22	90.1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T504137

PROJECT: AGAT00735

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 11, 2019

DATE RECEIVED: Aug 12, 2019

DATE REPORTED: Aug 29, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D62007 (432090)	3	<10	<5	598	<10	<10	<5	0.17	<5	<50	28.7	<1	4	44.1
D62008 (432091)	3	<10	<5	630	<10	<10	<5	0.20	<5	<50	29.8	<1	5	50.7
D62009 (432092)	2	<10	<5	543	<10	<10	<5	0.18	<5	<50	24.2	<1	5	50.6
D62010 (432093)	4	<10	<5	398	<10	<10	7	0.13	<5	<50	40.3	<1	7	27.3
D62011 (432094)	3	<10	<5	486	<10	<10	<5	0.17	<5	<50	31.0	<1	5	44.5
D62012 (432095)	<1	<10	<5	78	<10	<10	<5	<0.01	<5	<50	3.3	3	2	4.8
D62013 (432096)	2	<10	<5	660	<10	<10	<5	0.18	<5	<50	28.0	<1	4	52.0
D62014 (432097)	3	<10	<5	612	<10	<10	<5	0.17	<5	<50	28.4	<1	4	44.3
D62015 (432098)	2	<10	<5	601	<10	<10	<5	0.14	<5	<50	22.2	<1	3	42.7
D62016 (432099)	3	<10	<5	605	<10	<10	<5	0.16	<5	<50	26.9	<1	5	47.3
D62017 (432100)	2	<10	<5	554	<10	<10	<5	0.15	<5	<50	25.2	<1	4	45.6
D62018 (432101)	2	<10	<5	572	<10	<10	<5	0.16	<5	<50	25.7	<1	5	50.4
D62019 (432102)	2	<10	<5	492	<10	<10	<5	0.12	<5	<50	19.0	<1	3	38.6
D62020 (432103)	2	<10	<5	517	<10	<10	<5	0.12	<5	<50	19.1	<1	3	40.8
D62021 (432104)	2	<10	<5	537	<10	<10	<5	0.15	<5	<50	22.7	<1	4	55.4
D62022 (432105)	3	<10	<5	579	<10	<10	<5	0.17	<5	<50	23.4	<1	5	52.4
D62023 (432106)	1	<10	<5	481	<10	<10	<5	0.07	<5	<50	14.1	<1	3	25.4
D62024 (432107)	2	<10	<5	564	<10	<10	<5	0.12	<5	<50	16.4	<1	4	45.3
D62025 (432108)	3	<10	<5	621	<10	<10	<5	0.16	<5	<50	26.8	<1	6	52.4
D62026 (432109)	34	<10	<5	249	<10	<10	<5	0.87	<5	<50	248	<1	23	88.2
D62027 (432110)	3	<10	<5	613	<10	<10	<5	0.18	<5	<50	27.0	<1	6	55.1
D62028 (432111)	4	<10	<5	611	<10	<10	<5	0.16	<5	<50	27.8	<1	6	55.3
D62029 (432112)	30	<10	<5	745	<10	<10	<5	0.57	<5	<50	211	<1	23	94.3
D62030 (432113)	19	<10	<5	659	<10	<10	<5	0.35	<5	<50	127	<1	13	90.0
D62031 (432114)	16	<10	<5	1030	<10	<10	<5	0.49	<5	<50	183	<1	44	60.7
D62032 (432115)	<1	<10	<5	77	<10	<10	<5	<0.01	<5	<50	4.9	3	3	5.1
D62033 (432116)	3	<10	<5	611	<10	<10	<5	0.17	<5	<50	27.9	<1	4	50.7
D62034 (432117)	5	<10	<5	563	<10	<10	<5	0.29	<5	<50	46.6	<1	7	64.5
D62035 (432118)	3	<10	<5	539	<10	<10	<5	0.15	<5	<50	23.2	<1	4	48.4
D62036 (432119)	2	<10	<5	534	<10	<10	<5	0.12	<5	<50	17.7	<1	3	44.4
D62037 (432120)	3	<10	<5	600	<10	<10	<5	0.14	<5	<50	19.7	<1	4	102
D62038 (432121)	2	<10	<5	594	<10	<10	<5	0.13	<5	<50	18.8	<1	4	97.8

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T504137

PROJECT: AGAT00735

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 11, 2019

DATE RECEIVED: Aug 12, 2019

DATE REPORTED: Aug 29, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
D62039 (432122)	47	<10	<5	772	<10	<10	<5	1.13	<5	<50	316	<1	17	178
D62040 (432123)	3	<10	<5	583	<10	<10	<5	0.19	<5	<50	26.6	<1	4	63.4
D62041 (432124)	4	<10	<5	603	<10	<10	<5	0.21	<5	<50	32.0	<1	5	62.3
D62042 (432125)	4	<10	<5	663	<10	<10	<5	0.17	<5	<50	24.1	<1	6	49.4
D62043 (432126)	4	<10	<5	641	<10	<10	<5	0.18	<5	<50	27.6	<1	7	55.4
D62044 (432127)	4	<10	<5	581	<10	<10	<5	0.17	<5	<50	27.7	<1	5	61.8
D62045 (432128)	2	<10	<5	553	<10	<10	<5	0.13	<5	<50	19.6	<1	4	93.1
D62046 (432129)	35	<10	<5	246	<10	<10	<5	0.86	<5	<50	251	<1	23	90.3

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## Certificate of Analysis

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PROJECT: AGAT00735

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 11, 2019

DATE RECEIVED: Aug 12, 2019

DATE REPORTED: Aug 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D64975 (432058)			72
D64976 (432059)			74
D64977 (432060)			77
D64978 (432061)			111
D64979 (432062)			72
D64980 (432063)			64
D64981 (432064)			68
D64982 (432065)			35
D64983 (432066)			53
D64984 (432067)			74
D64985 (432068)			62
D64986 (432069)			91
D64987 (432070)			60
D64988 (432071)			52
D64989 (432072)			43
D64990 (432073)			76
D64991 (432074)			89
D64992 (432075)			<5
D64993 (432076)			226
D64994 (432077)			70
D64995 (432078)			63
D64996 (432079)			62
D64997 (432080)			51
D64998 (432081)			40
D64999 (432082)			83
D65000 (432083)			90
D62001 (432084)			91
D62002 (432085)			69
D62003 (432086)			63
D62004 (432087)			62
D62005 (432088)			67
D62006 (432089)			88

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T504137

PROJECT: AGAT00735

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 11, 2019

DATE RECEIVED: Aug 12, 2019

DATE REPORTED: Aug 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D62007 (432090)				49
D62008 (432091)				66
D62009 (432092)				62
D62010 (432093)				46
D62011 (432094)				65
D62012 (432095)				<5
D62013 (432096)				72
D62014 (432097)				59
D62015 (432098)				51
D62016 (432099)				69
D62017 (432100)				80
D62018 (432101)				87
D62019 (432102)				82
D62020 (432103)				61
D62021 (432104)				85
D62022 (432105)				102
D62023 (432106)				89
D62024 (432107)				79
D62025 (432108)				102
D62026 (432109)				89
D62027 (432110)				98
D62028 (432111)				104
D62029 (432112)				195
D62030 (432113)				139
D62031 (432114)				202
D62032 (432115)				<5
D62033 (432116)				89
D62034 (432117)				95
D62035 (432118)				80
D62036 (432119)				59
D62037 (432120)				83
D62038 (432121)				70

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## Certificate of Analysis

AGAT WORK ORDER: 19T504137

PROJECT: AGAT00735

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 11, 2019

DATE RECEIVED: Aug 12, 2019

DATE REPORTED: Aug 29, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
Sample ID (AGAT ID)	RDL:
	5
D62039 (432122)	133
D62040 (432123)	75
D62041 (432124)	92
D62042 (432125)	97
D62043 (432126)	105
D62044 (432127)	108
D62045 (432128)	85
D62046 (432129)	91

Comments: RDL - Reported Detection Limit

432058-432129 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

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## Certificate of Analysis

AGAT WORK ORDER: 19T504137

PROJECT: AGAT00735

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 11, 2019

DATE RECEIVED: Aug 12, 2019

DATE REPORTED: Aug 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D64975 (432058)			0.002
D64976 (432059)			0.002
D64977 (432060)			0.002
D64978 (432061)			0.001
D64979 (432062)			0.002
D64980 (432063)			0.003
D64981 (432064)			0.002
D64982 (432065)			0.002
D64983 (432066)			0.002
D64984 (432067)			0.003
D64985 (432068)			0.001
D64986 (432069)			0.327
D64987 (432070)			0.002
D64988 (432071)			0.003
D64989 (432072)			0.002
D64990 (432073)			0.001
D64991 (432074)			0.002
D64992 (432075)			0.003
D64993 (432076)			0.003
D64994 (432077)			0.002
D64995 (432078)			0.002
D64996 (432079)			0.002
D64997 (432080)			0.001
D64998 (432081)			0.002
D64999 (432082)			0.002
D65000 (432083)			0.001
D62001 (432084)			0.001
D62002 (432085)			0.001
D62003 (432086)			0.002
D62004 (432087)			0.002
D62005 (432088)			0.002
D62006 (432089)			0.326

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T504137

PROJECT: AGAT00735

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 11, 2019      DATE RECEIVED: Aug 12, 2019      DATE REPORTED: Aug 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D62007 (432090)			0.002
D62008 (432091)			0.002
D62009 (432092)			0.002
D62010 (432093)			0.001
D62011 (432094)			0.002
D62012 (432095)			0.002
D62013 (432096)			0.001
D62014 (432097)			0.002
D62015 (432098)			0.002
D62016 (432099)			0.002
D62017 (432100)			0.001
D62018 (432101)			0.002
D62019 (432102)			0.002
D62020 (432103)			0.002
D62021 (432104)			0.002
D62022 (432105)			0.001
D62023 (432106)			0.002
D62024 (432107)			0.001
D62025 (432108)			0.002
D62026 (432109)			0.340
D62027 (432110)			0.002
D62028 (432111)			0.002
D62029 (432112)			0.002
D62030 (432113)			0.002
D62031 (432114)			0.002
D62032 (432115)			0.002
D62033 (432116)			0.002
D62034 (432117)			0.001
D62035 (432118)			0.002
D62036 (432119)			0.001
D62037 (432120)			0.002
D62038 (432121)			0.002

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T504137

PROJECT: AGAT00735

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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 11, 2019

DATE RECEIVED: Aug 12, 2019

DATE REPORTED: Aug 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D62039 (432122)			0.002
D62040 (432123)			0.002
D62041 (432124)			0.002
D62042 (432125)			0.002
D62043 (432126)			0.002
D62044 (432127)			0.001
D62045 (432128)			0.002
D62046 (432129)			0.340

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T504137

PROJECT: AGAT00735

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 11, 2019

DATE RECEIVED: Aug 12, 2019

DATE REPORTED: Aug 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D64975 (432058)		86.32
D64994 (432077)		78.80
D62014 (432097)		85.08
D62034 (432117)		81.64

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	432058	< 0.5	< 0.5	0.0%	432072	< 0.5	< 0.5	0.0%	432083	< 0.5	< 0.5	0.0%	432097	< 0.5	< 0.5	0.0%
Al	432058	8.78	8.31	5.5%	432072	7.29	7.31	0.3%	432083	8.78	9.12	3.8%	432097	8.52	8.69	2.0%
As	432058	< 1	< 1	0.0%	432072	< 1	< 1	0.0%	432083	< 1	< 1	0.0%	432097	< 1	< 1	0.0%
Ba	432058	352	344	2.3%	432072	403	416	3.2%	432083	309	310	0.3%	432097	331	344	3.9%
Be	432058	0.7	0.7	0.0%	432072	1.1	1.1	0.0%	432083	1.02	1.11	8.5%	432097	0.9	0.9	0.0%
Bi	432058	< 1	< 1	0.0%	432072	< 1	< 1	0.0%	432083	< 1	< 1	0.0%	432097	< 1	< 1	0.0%
Ca	432058	2.29	2.23	2.7%	432072	0.97	0.98	1.0%	432083	2.11	2.27	7.3%	432097	2.15	2.23	3.7%
Cd	432058	< 0.5	< 0.5	0.0%	432072	< 0.5	< 0.5	0.0%	432083	< 0.5	< 0.5	0.0%	432097	< 0.5	< 0.5	0.0%
Ce	432058	25	27	7.7%	432072	3	4	28.6%	432083	24	21	13.3%	432097	28	27	3.6%
Co	432058	4.27	4.36	2.1%	432072	< 0.5	< 0.5	0.0%	432083	3.9	4.1	5.0%	432097	4.1	4.0	2.5%
Cr	432058	131	146	10.8%	432072	143	127	11.9%	432083	101	95.3	5.8%	432097	143	127	11.9%
Cu	432058	3.2	2.6	20.7%	432072	1.5	2.0	28.6%	432083	12.5	10.0	22.2%	432097	7.3	7.1	2.8%
Fe	432058	1.64	1.59	3.1%	432072	0.716	0.712	0.6%	432083	1.58	1.54	2.6%	432097	1.57	1.59	1.3%
Ga	432058	22	21	4.7%	432072	15	15	0.0%	432083	22	23	4.4%	432097	21	20	4.9%
In	432058	< 1	< 1	0.0%	432072	< 1	< 1	0.0%	432083	< 1	< 1	0.0%	432097	< 1	< 1	0.0%
K	432058	1.09	1.04	4.7%	432072	4.07	4.22	3.6%	432083	1.23	1.00	20.6%	432097	1.15	1.17	1.7%
La	432058	13	13	0.0%	432072	< 2	< 2	0.0%	432083	12	10	18.2%	432097	13	13	0.0%
Li	432058	29	27	7.1%	432072	5	5	0.0%	432083	27	24	11.8%	432097	17	17	0.0%
Mg	432058	0.40	0.40	0.0%	432072	0.074	0.076	2.7%	432083	0.37	0.37	0.0%	432097	0.37	0.38	2.7%
Mn	432058	198	195	1.5%	432072	67	68	1.5%	432083	213	216	1.4%	432097	179	185	3.3%
Mo	432058	13.3	15.2	13.3%	432072	11.7	12.2	4.2%	432083	11.4	13.7	18.3%	432097	12.9	13.1	1.5%
Na	432058	4.10	3.95	3.7%	432072	2.61	2.71	3.8%	432083	4.20	4.34	3.3%	432097	4.05	4.33	6.7%
Ni	432058	2.9	3.1	6.7%	432072	< 0.5	0.8		432083	1.97	1.58	22.0%	432097	2.3	2.1	9.1%
P	432058	426	440	3.2%	432072	51	55	7.5%	432083	404	350	14.3%	432097	448	435	2.9%
Pb	432058	< 20	< 20	0.0%	432072	< 20	< 20	0.0%	432083	< 20	< 20	0.0%	432097	< 20	< 20	0.0%
Rb	432058	< 50	< 50	0.0%	432072	< 50	< 50	0.0%	432083	< 50	< 50	0.0%	432097	< 50	< 50	0.0%
S	432058	0.02	0.02	0.0%	432072	< 0.01	< 0.01	0.0%	432083	0.03	0.03	0.0%	432097	0.02	0.02	0.0%
Sb	432058	< 1	< 1	0.0%	432072	< 1	< 1	0.0%	432083	< 1	< 1	0.0%	432097	< 1	< 1	0.0%
Sc	432058	3	3	0.0%	432072	1	2		432083	2	3		432097	3	3	0.0%
Se	432058	< 10	< 10	0.0%	432072	< 10	< 10	0.0%	432083	< 10	< 10	0.0%	432097	< 10	< 10	0.0%
Sn	432058	< 5	< 5	0.0%	432072	< 5	< 5	0.0%	432083	< 5	< 5	0.0%	432097	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	432058	633	612	3.4%	432072	272	282	3.6%	432083	559	547	2.2%	432097	612	654	6.6%
Ta	432058	< 10	< 10	0.0%	432072	< 10	< 10	0.0%	432083	< 10	< 10	0.0%	432097	< 10	< 10	0.0%
Te	432058	< 10	< 10	0.0%	432072	< 10	< 10	0.0%	432083	< 10	< 10	0.0%	432097	< 10	< 10	0.0%
Th	432058	< 5	< 5	0.0%	432072	11	10	9.5%	432083	< 5	< 5	0.0%	432097	< 5	< 5	0.0%
Ti	432058	0.176	0.172	2.3%	432072	0.05	0.05	0.0%	432083	0.162	0.166	2.4%	432097	0.17	0.17	0.0%
Tl	432058	< 5	< 5	0.0%	432072	< 5	< 5	0.0%	432083	< 5	< 5	0.0%	432097	< 5	< 5	0.0%
U	432058	< 50	< 50	0.0%	432072	< 50	< 50	0.0%	432083	< 50	< 50	0.0%	432097	< 50	< 50	0.0%
V	432058	28.5	28.7	0.7%	432072	14.8	15.2	2.7%	432083	24.6	25.2	2.4%	432097	28.4	28.0	1.4%
W	432058	< 1	< 1	0.0%	432072	< 1	< 1	0.0%	432083	< 1	< 1	0.0%	432097	< 1	< 1	0.0%
Y	432058	4	4	0.0%	432072	2	2	0.0%	432083	3	4	28.6%	432097	4	4	0.0%
Zn	432058	50.5	50.1	0.8%	432072	16.0	15.4	3.8%	432083	52.6	49.9	5.3%	432097	44.3	46.4	4.6%
Zr	432058	72	71	1.4%	432072	43	46	6.7%	432083	90	77	15.6%	432097	59	58	1.7%

Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	432108	< 0.5	< 0.5	0.0%	432122	< 0.5	< 0.5	0.0%								
Al	432108	8.36	8.55	2.2%	432122	2.98	3.03	1.7%								
As	432108	< 1	2		432122	43	40	7.2%								
Ba	432108	277	271	2.2%	432122	305	301	1.3%								
Be	432108	1.1	1.1	0.0%	432122	3.93	4.09	4.0%								
Bi	432108	< 1	< 1	0.0%	432122	< 1	< 1	0.0%								
Ca	432108	2.10	2.13	1.4%	432122	7.24	7.26	0.3%								
Cd	432108	< 0.5	< 0.5	0.0%	432122	< 0.5	< 0.5	0.0%								
Ce	432108	29	30	3.4%	432122	72	74	2.7%								
Co	432108	4.21	4.58	8.4%	432122	60.2	59.6	1.0%								
Cr	432108	194	152	24.3%	432122	507	507	0.0%								
Cu	432108	5.46	4.19	26.3%	432122	90.4	90.4	0.0%								
Fe	432108	1.54	1.61	4.4%	432122	7.89	7.91	0.3%								
Ga	432108	24	23	4.3%	432122	17	21	21.1%								
In	432108	< 1	< 1	0.0%	432122	< 1	< 1	0.0%								
K	432108	1.23	1.14	7.6%	432122	2.60	2.67	2.7%								
La	432108	14	15	6.9%	432122	37	37	0.0%								
Li	432108	24	25	4.1%	432122	181	184	1.6%								
Mg	432108	0.363	0.370	1.9%	432122	7.47	7.62	2.0%								
Mn	432108	227	232	2.2%	432122	1290	1320	2.3%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	432108	15.1	14.1	6.8%	432122	3.4	3.5	2.9%								
Na	432108	4.17	4.13	1.0%	432122	1.87	1.84	1.6%								
Ni	432108	1.80	1.97	9.0%	432122	396	388	2.0%								
P	432108	445	472	5.9%	432122	1400	1390	0.7%								
Pb	432108	< 20	< 20	0.0%	432122	35	36	2.8%								
Rb	432108	< 50	< 50	0.0%	432122	< 50	< 50	0.0%								
S	432108	0.02	0.02	0.0%	432122	0.15	0.15	0.0%								
Sb	432108	< 1	< 1	0.0%	432122	< 1	< 1	0.0%								
Sc	432108	3	3	0.0%	432122	47	47	0.0%								
Se	432108	< 10	< 10	0.0%	432122	< 10	< 10	0.0%								
Sn	432108	< 5	< 5	0.0%	432122	< 5	< 5	0.0%								
Sr	432108	621	622	0.2%	432122	772	769	0.4%								
Ta	432108	< 10	< 10	0.0%	432122	< 10	< 10	0.0%								
Te	432108	< 10	< 10	0.0%	432122	< 10	< 10	0.0%								
Th	432108	< 5	< 5	0.0%	432122	< 5	< 5	0.0%								
Ti	432108	0.163	0.169	3.6%	432122	1.13	1.07	5.5%								
Tl	432108	< 5	< 5	0.0%	432122	< 5	< 5	0.0%								
U	432108	< 50	< 50	0.0%	432122	< 50	< 50	0.0%								
V	432108	26.8	25.7	4.2%	432122	316	314	0.6%								
W	432108	< 1	< 1	0.0%	432122	< 1	< 1	0.0%								
Y	432108	6	6	0.0%	432122	17	17	0.0%								
Zn	432108	52.4	54.8	4.5%	432122	178	185	3.9%								
Zr	432108	102	97	5.0%	432122	133	133	0.0%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	432058	0.002	0.001		432072	0.0015	0.0013	14.3%	432083	0.001	0.001	0.0%	432097	0.002	0.002	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	432108	0.0015	0.0014	6.9%	432122	0.002	0.002	0.0%								

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.WMG-1a)				CRM #4 (ref.1P5R)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag									3.03	3.2	106%	90% - 110%				
Al	10.95	11.2	102%	90% - 110%	8.17	8.34	102%	90% - 110%	4.75	5.02	106%	90% - 110%	10.95	11.23	103%	90% - 110%
As					26	24	91%	90% - 110%								
Ba	340	330	97%	90% - 110%	540	495	92%	90% - 110%	216	217	100%	90% - 110%	340	336	99%	90% - 110%
Be	2.6	2.8	107%	90% - 110%	4.0	2.9	72%	90% - 110%					2.6	2.7	103%	90% - 110%
Ca	5.72	5.76	101%	90% - 110%	0.907	0.879	97%	90% - 110%	10	10	96%	90% - 110%	5.72	5.77	101%	90% - 110%
Ce	122	122	100%	90% - 110%	98	98	100%	90% - 110%					122	120	99%	90% - 110%
Co	2.8	2.9	102%	90% - 110%					191	187	98%	90% - 110%	2.8	2.1	76%	90% - 110%
Cr					60.3	63.1	105%	90% - 110%	670	674	101%	90% - 110%	12	8	70%	90% - 110%
Cu	7	5	71%	90% - 110%	150	151	101%	90% - 110%	7120	7458	105%	90% - 110%				
Fe	4.34	4.14	95%	90% - 110%	3.77	3.63	96%	90% - 110%	12.71	12.02	95%	90% - 110%	4.34	4.13	95%	90% - 110%
Ga	35	37	105%	90% - 110%									35	36	102%	90% - 110%
K	1.37	1.48	108%	90% - 110%					0.1021	0.112	110%	90% - 110%	1.37	1.47	107%	90% - 110%
La	58	54	93%	90% - 110%	44	43	97%	90% - 110%	8.47	9.54	113%	90% - 110%	58	53	91%	90% - 110%
Li	37	38	103%	90% - 110%	47	46	99%	90% - 110%					37	38	103%	90% - 110%
Mg	0.325	0.315	97%	90% - 110%	1.10	1.09	99%	90% - 110%	7.41	7.41	100%	90% - 110%	0.325	0.311	96%	90% - 110%
Mn					780	760	97%	90% - 110%								
Mo					14	13	91%	90% - 110%								
Na	5.267	5.363	102%	90% - 110%	1.624	1.635	101%	90% - 110%	0.112	0.121	108%	90% - 110%	5.267	5.5	104%	90% - 110%
Ni					32	32	100%	90% - 110%	2480	2239	90%	90% - 110%				
P					750	775	103%	90% - 110%	731	761	104%	90% - 110%				
Pb					31	24	78%	90% - 110%								
Sc	1.1	0.8	77%	90% - 110%	12	12	104%	90% - 110%	21.33	21.67	102%	90% - 110%	1.1	0.8	75%	90% - 110%
Sr	1191	1184	99%	90% - 110%	144	149	103%	90% - 110%	39	42	108%	90% - 110%	1191	1213	102%	90% - 110%
Ti	0.172	0.175	102%	90% - 110%	0.53	0.48	91%	90% - 110%	0.419	0.422	101%	90% - 110%	0.172	0.173	100%	90% - 110%
V	8	8	104%	90% - 110%	77	80	104%	90% - 110%	158	159	100%	90% - 110%	8	8	104%	90% - 110%
Y	119	124	104%	90% - 110%					12.67	13.26	105%	90% - 110%	119	120	101%	90% - 110%
Zn	93	98	106%	90% - 110%	130	121	93%	90% - 110%	112	110	98%	90% - 110%	93	96	103%	90% - 110%
Zr									35.7	34.6	97%	90% - 110%				

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS5W)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP5G)				CRM #4 (ref.1P5R)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.27	5.33	101%	90% - 110%	6.87	6.81	99%	90% - 110%	0.562	0.524	93%	90% - 110%	1.81	1.74	96%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00735  
 SAMPLING SITE:

AGAT WORK ORDER: 19T504137  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00738

AGAT WORK ORDER: 19T504611

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 03, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T504611

PROJECT: AGAT00738

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 12, 2019

DATE RECEIVED: Aug 13, 2019

DATE REPORTED: Sep 03, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C66827 (435606)		0.92
C66828 (435607)		2.32
C66829 (435608)		1.64
C66830 (435609)		2.02
C66831 (435610)		2.59
C66832 (435611)		0.60
C66833 (435612)		3.12
C66834 (435613)		2.57
C66835 (435614)		2.58
C66836 (435615)		3.00
C66837 (435616)		2.93
C66838 (435617)		2.93
C66839 (435618)		3.05
C66840 (435619)		3.13
C66841 (435620)		3.39
C66842 (435621)		2.46
C66843 (435622)		2.55
C66844 (435623)		2.21
C66845 (435624)		2.39
C66846 (435625)		0.10
C66847 (435626)		2.50
C66848 (435627)		2.41
C66849 (435628)		3.80
C66850 (435629)		3.75
C66851 (435630)		3.75
C66852 (435631)		0.62
C66853 (435632)		2.35
C66854 (435633)		1.92
C66855 (435634)		0.92
C66856 (435635)		2.63
C66857 (435636)		2.39

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T504611

PROJECT: AGAT00738

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 12, 2019

DATE RECEIVED: Aug 13, 2019

DATE REPORTED: Sep 03, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C66858 (435637)		2.39
C66859 (435638)		2.51
C66860 (435639)		0.77
C66861 (435640)		0.97
C66862 (435641)		1.13
C66863 (435642)		2.58
C66864 (435643)		1.01
C66865 (435644)		2.93
C66866 (435645)		0.10
C66867 (435646)		2.07
C66868 (435647)		3.26
C66869 (435648)		3.07
C66870 (435649)		3.24
C66871 (435650)		3.05
C66872 (435651)		0.60
C66873 (435652)		2.03
C66874 (435653)		1.09
C66875 (435654)		3.59
C66876 (435655)		2.04
C66877 (435656)		0.90
C66878 (435657)		0.90
C66879 (435658)		0.70
C66880 (435659)		0.69
C66881 (435660)		0.99
C66882 (435661)		1.28
C66883 (435662)		2.35
C66884 (435663)		3.36
C66885 (435664)		3.27
C66886 (435665)		0.10
C66887 (435666)		2.87
C66888 (435667)		2.47

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T504611

PROJECT: AGAT00738

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 12, 2019

DATE RECEIVED: Aug 13, 2019

DATE REPORTED: Sep 03, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
C66889 (435668)		0.74
C66890 (435669)		1.96
C66891 (435670)		3.11
C66892 (435671)		0.64
C66893 (435672)		1.25
C66894 (435673)		3.21
C66895 (435674)		3.40
C66896 (435675)		3.33
C66897 (435676)		3.26
C66898 (435677)		3.26

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T504611

PROJECT: AGAT00738

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 12, 2019

DATE RECEIVED: Aug 13, 2019

DATE REPORTED: Sep 03, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
C66827 (435606)		<0.5	6.81	<1	209	0.5	<1	5.26	<0.5	17	33.0	146	44.7	8.44	24
C66828 (435607)		<0.5	8.20	<1	374	2.5	<1	1.04	<0.5	8	<0.5	17.3	1.6	0.94	21
C66829 (435608)		<0.5	7.72	<1	93	2.6	<1	1.77	<0.5	8	5.8	19.1	3.1	3.38	26
C66830 (435609)		<0.5	6.54	<1	52	<0.5	<1	4.52	<0.5	16	25.9	19.7	1.8	9.83	29
C66831 (435610)		<0.5	7.37	3	231	2.1	<1	1.01	<0.5	4	0.7	14.4	1.0	1.51	19
C66832 (435611)		<0.5	0.06	2	12	<0.5	<1	32.0	<0.5	2	0.8	6.8	<0.5	0.10	7
C66833 (435612)		<0.5	7.17	5	279	1.8	<1	0.93	<0.5	12	2.4	21.6	1.6	1.45	17
C66834 (435613)		<0.5	7.33	2	390	1.4	<1	0.83	<0.5	6	0.9	21.3	1.2	0.73	16
C66835 (435614)		1.3	7.12	4	358	1.2	<1	0.57	<0.5	4	0.8	21.5	1.7	0.73	16
C66836 (435615)		<0.5	6.29	2	221	2.4	<1	0.80	<0.5	6	0.5	19.8	1.3	0.95	16
C66837 (435616)		<0.5	4.61	2	207	1.5	<1	0.55	<0.5	2	0.9	31.6	2.2	0.83	12
C66838 (435617)		<0.5	4.69	<1	200	1.4	<1	0.56	<0.5	2	0.7	23.4	1.5	0.89	11
C66839 (435618)		<0.5	5.54	3	267	1.6	<1	0.56	<0.5	2	<0.5	17.8	1.3	0.76	13
C66840 (435619)		<0.5	7.89	3	401	2.0	<1	1.00	<0.5	4	<0.5	12.4	2.2	0.74	19
C66841 (435620)		<0.5	7.32	1	278	1.5	<1	1.51	<0.5	11	0.8	17.3	15.1	0.93	17
C66842 (435621)		<0.5	6.60	<1	69	<0.5	<1	5.49	<0.5	20	20.5	16.0	33.3	8.03	27
C66843 (435622)		<0.5	6.63	<1	75	<0.5	<1	4.91	<0.5	16	25.3	22.7	114	9.41	28
C66844 (435623)		<0.5	6.62	<1	52	<0.5	<1	4.41	<0.5	15	25.9	21.9	91.5	8.54	27
C66845 (435624)		<0.5	6.34	<1	77	<0.5	<1	4.91	<0.5	14	21.2	16.1	10.3	9.00	27
C66846 (435625)		<0.5	7.51	<1	205	<0.5	<1	6.29	<0.5	17	40.6	180	105	7.85	23
C66847 (435626)		<0.5	6.70	<1	106	<0.5	<1	4.48	<0.5	16	26.4	14.9	17.1	10.7	30
C66848 (435627)		<0.5	6.83	<1	97	<0.5	<1	4.49	<0.5	15	25.8	22.9	41.2	10.4	32
C66849 (435628)		<0.5	7.18	2	94	<0.5	<1	5.36	<0.5	8	39.7	51.0	89.5	10.9	26
C66850 (435629)		<0.5	6.97	<1	40	<0.5	<1	6.37	<0.5	6	42.2	46.4	73.6	11.0	26
C66851 (435630)		<0.5	6.94	<1	33	<0.5	<1	6.44	<0.5	8	42.2	51.7	8.1	10.4	27
C66852 (435631)		<0.5	0.06	2	14	<0.5	<1	31.8	<0.5	2	0.9	4.1	<0.5	0.09	6
C66853 (435632)		<0.5	6.76	<1	120	<0.5	<1	5.74	<0.5	5	41.9	56.3	24.6	11.0	29
C66854 (435633)		<0.5	7.17	<1	203	<0.5	<1	6.16	<0.5	7	42.2	46.5	48.3	12.0	29
C66855 (435634)		<0.5	5.11	<1	107	<0.5	<1	4.80	<0.5	7	109	52.5	666	14.5	25
C66856 (435635)		<0.5	6.63	<1	104	<0.5	<1	6.41	<0.5	11	36.7	79.1	34.6	10.3	29
C66857 (435636)		<0.5	6.98	<1	279	1.8	<1	1.51	<0.5	13	4.4	21.9	2.6	1.47	20
C66858 (435637)		<0.5	6.72	1	258	2.1	<1	1.50	<0.5	15	4.2	28.5	1.8	1.45	19

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## Certificate of Analysis

AGAT WORK ORDER: 19T504611

PROJECT: AGAT00738

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 12, 2019	DATE RECEIVED: Aug 13, 2019							DATE REPORTED: Sep 03, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C66859 (435638)	<0.5	6.92	<1	113	<0.5	<1	5.28	<0.5	9	33.1	46.9	62.6	8.99	26	
C66860 (435639)	<0.5	6.75	<1	280	0.6	<1	2.90	<0.5	30	18.3	77.8	70.0	4.12	22	
C66861 (435640)	<0.5	3.63	<1	1400	2.1	<1	9.59	<0.5	177	53.7	455	100	8.35	22	
C66862 (435641)	<0.5	7.94	<1	275	0.6	<1	2.69	<0.5	22	14.3	46.4	43.9	3.56	23	
C66863 (435642)	<0.5	6.72	<1	150	<0.5	<1	5.27	<0.5	15	39.1	53.6	87.0	10.3	28	
C66864 (435643)	<0.5	7.16	2	303	1.1	<1	1.04	<0.5	9	0.8	12.5	2.6	0.94	18	
C66865 (435644)	<0.5	6.66	<1	395	0.9	<1	0.80	<0.5	9	0.6	15.8	1.7	1.02	15	
C66866 (435645)	<0.5	7.36	<1	200	<0.5	<1	6.30	<0.5	17	40.9	178	106	7.83	25	
C66867 (435646)	<0.5	6.63	<1	498	0.7	<1	1.06	<0.5	12	1.4	24.3	1.5	1.12	15	
C66868 (435647)	<0.5	6.20	<1	360	0.7	<1	1.35	<0.5	19	7.9	26.4	9.8	2.42	18	
C66869 (435648)	<0.5	6.71	2	307	1.1	<1	0.94	<0.5	20	0.9	19.6	1.5	0.99	16	
C66870 (435649)	<0.5	7.17	4	432	1.1	<1	0.76	<0.5	11	0.6	15.5	1.3	0.80	15	
C66871 (435650)	<0.5	7.17	3	206	1.5	<1	1.31	<0.5	9	<0.5	14.9	2.8	0.83	16	
C66872 (435651)	<0.5	0.25	<1	19	<0.5	<1	32.0	<0.5	2	2.2	6.5	<0.5	0.28	6	
C66873 (435652)	0.7	6.90	1	403	1.1	<1	0.88	<0.5	14	<0.5	14.9	8.6	0.68	15	
C66874 (435653)	<0.5	6.56	<1	395	0.7	<1	0.90	<0.5	14	11.0	38.0	39.1	3.16	21	
C66875 (435654)	<0.5	5.66	<1	199	<0.5	<1	6.15	<0.5	36	62.7	334	137	11.4	23	
C66876 (435655)	<0.5	6.75	<1	115	<0.5	<1	4.91	<0.5	9	39.6	64.1	56.1	9.81	27	
C66877 (435656)	<0.5	5.99	<1	162	1.4	<1	3.58	<0.5	7	24.7	42.4	19.1	6.35	22	
C66878 (435657)	<0.5	5.88	<1	169	1.4	<1	3.57	<0.5	7	24.1	38.6	18.0	6.32	22	
C66879 (435658)	<0.5	6.30	<1	166	1.5	<1	3.62	<0.5	7	20.1	53.3	58.9	5.20	21	
C66880 (435659)	<0.5	7.24	<1	189	2.4	<1	3.93	<0.5	7	27.4	48.2	9.8	8.36	30	
C66881 (435660)	<0.5	6.69	4	515	1.6	<1	0.94	<0.5	6	1.6	11.8	20.0	0.73	13	
C66882 (435661)	<0.5	7.42	<1	207	1.9	<1	2.68	<0.5	29	29.5	31.9	176	7.58	31	
C66883 (435662)	<0.5	6.31	3	151	1.9	<1	1.13	<0.5	13	2.8	13.2	37.8	0.86	17	
C66884 (435663)	<0.5	5.78	<1	379	1.1	<1	0.69	<0.5	14	1.7	11.5	13.0	0.90	14	
C66885 (435664)	<0.5	8.17	<1	645	1.6	<1	0.91	<0.5	22	1.7	14.4	20.2	1.12	19	
C66886 (435665)	<0.5	7.03	<1	146	<0.5	<1	6.45	<0.5	6	41.6	169	154	7.82	22	
C66887 (435666)	<0.5	6.67	3	516	0.9	<1	0.61	<0.5	54	1.8	19.7	3.0	1.02	14	
C66888 (435667)	<0.5	6.86	<1	503	1.6	<1	1.66	<0.5	50	9.4	16.8	30.8	3.16	19	
C66889 (435668)	<0.5	5.63	6	439	1.4	<1	2.73	<0.5	130	13.7	30.8	44.4	2.53	16	
C66890 (435669)	<0.5	6.47	<1	586	1.9	<1	4.21	<0.5	14	22.0	113	55.0	5.40	23	

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## Certificate of Analysis

AGAT WORK ORDER: 19T504611

PROJECT: AGAT00738

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 12, 2019	DATE RECEIVED: Aug 13, 2019							DATE REPORTED: Sep 03, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C66891 (435670)	<0.5	7.04	<1	513	<0.5	<1	6.10	<0.5	9	42.9	87.1	84.3	9.76	27	
C66892 (435671)	<0.5	0.07	<1	15	<0.5	<1	31.0	<0.5	2	0.9	5.0	<0.5	0.11	6	
C66893 (435672)	<0.5	7.18	<1	473	0.8	<1	5.50	<0.5	8	41.9	45.7	138	10.2	27	
C66894 (435673)	<0.5	6.97	<1	456	1.0	<1	2.23	<0.5	71	21.7	16.0	188	4.82	21	
C66895 (435674)	<0.5	6.92	1	308	0.8	<1	1.80	<0.5	66	8.8	19.8	36.6	3.29	19	
C66896 (435675)	<0.5	6.50	<1	374	0.9	<1	1.65	<0.5	69	5.9	18.1	21.9	2.70	18	
C66897 (435676)	<0.5	6.55	<1	333	0.8	<1	1.60	<0.5	64	5.3	15.7	7.1	2.45	16	
C66898 (435677)	<0.5	6.66	<1	327	0.9	<1	1.65	<0.5	57	5.2	16.7	8.1	2.55	16	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 12, 2019

DATE RECEIVED: Aug 13, 2019

DATE REPORTED: Sep 03, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
C66827 (435606)		<1	1.02	9	29	2.61	1440	<0.5	2.00	64.6	861	<20	<50	0.08	<1
C66828 (435607)		<1	4.59	3	5	0.07	119	0.9	3.21	<0.5	34	40	55	<0.01	<1
C66829 (435608)		<1	1.69	5	63	0.53	632	<0.5	3.64	3.2	264	23	<50	0.01	<1
C66830 (435609)		<1	1.08	9	58	1.97	1250	<0.5	2.27	12.6	923	<20	<50	0.01	<1
C66831 (435610)		<1	3.65	2	3	0.04	117	0.6	3.08	<0.5	20	38	<50	<0.01	<1
C66832 (435611)		2	0.02	<2	<1	1.88	43	<0.5	0.03	<0.5	70	<20	<50	<0.01	1
C66833 (435612)		<1	4.25	6	4	0.15	151	1.0	2.82	4.6	49	29	<50	0.03	2
C66834 (435613)		<1	4.49	3	3	0.06	100	1.2	2.76	1.1	27	29	52	<0.01	2
C66835 (435614)		<1	5.62	2	2	0.05	98	1.1	2.21	1.5	60	32	67	0.01	2
C66836 (435615)		<1	3.55	3	3	0.07	107	1.5	2.49	0.7	27	31	<50	0.01	2
C66837 (435616)		<1	2.72	<2	2	0.05	116	2.0	1.68	0.8	27	21	<50	<0.01	<1
C66838 (435617)		<1	2.69	<2	2	0.05	118	2.0	1.70	0.7	27	20	<50	<0.01	<1
C66839 (435618)		<1	3.40	<2	3	0.04	95	1.8	2.04	<0.5	19	27	<50	<0.01	<1
C66840 (435619)		<1	4.05	<2	5	0.07	115	1.0	3.18	<0.5	19	47	56	<0.01	2
C66841 (435620)		<1	1.54	5	11	0.12	150	1.1	3.76	<0.5	42	68	<50	0.03	<1
C66842 (435621)		<1	0.42	9	22	1.95	1150	<0.5	2.42	8.4	1050	<20	<50	0.06	<1
C66843 (435622)		<1	0.33	8	29	2.07	1430	<0.5	2.51	11.1	1080	<20	<50	0.16	<1
C66844 (435623)		<1	0.29	9	33	2.00	1360	0.5	2.77	12.6	982	<20	<50	0.16	<1
C66845 (435624)		<1	0.32	8	23	1.91	1170	<0.5	2.47	9.1	1000	<20	<50	0.02	<1
C66846 (435625)		<1	0.44	11	10	4.25	1340	<0.5	2.35	107	827	<20	<50	0.09	<1
C66847 (435626)		<1	0.41	9	32	2.20	1440	<0.5	2.57	11.5	1110	<20	<50	0.02	<1
C66848 (435627)		<1	0.42	8	32	1.98	1220	<0.5	2.59	11.1	1030	<20	<50	0.05	<1
C66849 (435628)		<1	0.46	7	42	2.70	1800	<0.5	2.43	35.7	561	<20	<50	0.38	<1
C66850 (435629)		<1	0.30	6	28	2.78	2030	<0.5	1.92	37.9	468	<20	<50	0.08	<1
C66851 (435630)		<1	0.27	6	26	2.59	1760	<0.5	1.89	37.5	453	<20	<50	<0.01	<1
C66852 (435631)		4	<0.01	<2	1	1.94	63	<0.5	0.03	<0.5	65	<20	<50	<0.01	<1
C66853 (435632)		<1	0.69	5	37	2.71	1790	<0.5	1.99	39.5	471	<20	<50	0.13	<1
C66854 (435633)		<1	0.69	6	28	2.69	1680	2.4	2.11	38.7	496	<20	<50	0.52	<1
C66855 (435634)		<1	0.51	7	21	1.88	1290	3.6	1.38	61.0	194	<20	<50	3.46	<1
C66856 (435635)		<1	0.65	8	26	2.63	1250	<0.5	2.06	69.3	509	<20	<50	0.11	<1
C66857 (435636)		<1	2.33	7	20	0.32	213	1.4	3.13	8.2	176	25	<50	0.01	<1
C66858 (435637)		<1	2.11	8	20	0.32	211	1.1	3.10	8.5	138	23	<50	0.01	<1

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T504611

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 12, 2019	DATE RECEIVED: Aug 13, 2019					DATE REPORTED: Sep 03, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
C66859 (435638)	<1	0.78	7	29	2.78	1230	<0.5	2.54	33.7	426	<20	<50	0.10	<1	
C66860 (435639)	<1	0.77	16	44	1.89	529	3.3	3.80	51.2	610	<20	<50	0.11	<1	
C66861 (435640)	<1	2.47	90	66	7.69	1640	4.9	1.30	277	3620	<20	<50	0.20	<1	
C66862 (435641)	<1	0.70	12	40	1.54	444	1.9	4.44	40.2	463	<20	<50	0.07	<1	
C66863 (435642)	<1	1.10	9	28	2.91	1530	<0.5	2.43	41.1	447	<20	<50	0.10	<1	
C66864 (435643)	<1	3.76	4	4	0.13	133	0.9	2.87	<0.5	61	30	<50	<0.01	1	
C66865 (435644)	<1	4.43	4	2	0.07	127	1.5	2.28	<0.5	43	30	<50	<0.01	<1	
C66866 (435645)	<1	0.43	11	10	4.18	1310	<0.5	2.36	106	855	<20	<50	0.09	<1	
C66867 (435646)	<1	4.99	6	2	0.21	187	1.1	2.00	3.2	22	26	<50	<0.01	<1	
C66868 (435647)	<1	3.77	9	10	0.51	364	1.3	2.14	8.4	95	32	<50	0.04	<1	
C66869 (435648)	<1	3.85	9	4	0.12	148	1.1	2.52	0.9	19	24	<50	<0.01	<1	
C66870 (435649)	<1	4.50	5	4	0.06	96	1.4	2.54	<0.5	16	28	<50	<0.01	<1	
C66871 (435650)	<1	2.26	4	2	0.05	104	1.3	3.33	<0.5	14	53	<50	<0.01	2	
C66872 (435651)	3	0.03	<2	1	2.12	73	<0.5	0.09	2.0	82	<20	<50	<0.01	<1	
C66873 (435652)	<1	4.02	6	5	0.05	90	1.2	2.63	<0.5	<10	71	<50	0.02	<1	
C66874 (435653)	<1	4.38	8	58	0.81	441	0.9	2.09	36.5	33	41	57	0.09	<1	
C66875 (435654)	<1	1.21	20	59	5.59	1890	2.0	1.59	343	614	<20	<50	0.16	<1	
C66876 (435655)	<1	0.74	7	39	3.02	1500	<0.5	2.43	54.4	458	<20	<50	0.08	<1	
C66877 (435656)	<1	1.14	5	47	1.83	968	16.8	2.08	30.2	323	<20	<50	0.04	<1	
C66878 (435657)	<1	1.16	4	48	1.80	963	14.3	2.08	27.7	295	<20	<50	0.04	<1	
C66879 (435658)	<1	1.08	4	38	1.44	778	2.8	2.69	30.6	179	25	<50	0.10	<1	
C66880 (435659)	<1	1.81	5	51	2.25	1450	1.0	2.48	31.1	448	<20	<50	0.04	<1	
C66881 (435660)	<1	3.67	2	11	0.07	94	0.6	2.61	1.0	21	39	<50	0.05	<1	
C66882 (435661)	<1	2.04	14	44	1.57	1150	3.6	2.94	20.3	772	<20	52	0.47	<1	
C66883 (435662)	<1	1.70	6	4	0.07	89	1.2	3.17	1.2	11	37	<50	0.13	<1	
C66884 (435663)	<1	3.45	7	5	0.08	115	1.6	2.17	0.7	26	22	<50	0.05	<1	
C66885 (435664)	<1	4.90	9	5	0.11	142	1.3	3.08	<0.5	60	46	<50	0.07	<1	
C66886 (435665)	<1	0.19	5	12	4.12	1340	<0.5	2.23	85.5	384	<20	<50	0.14	<1	
C66887 (435666)	<1	5.05	23	6	0.10	115	1.1	2.09	<0.5	101	32	<50	0.01	<1	
C66888 (435667)	<1	1.36	24	16	0.35	282	2.0	3.86	7.2	421	<20	<50	0.13	<1	
C66889 (435668)	<1	3.91	49	5	0.47	385	3.7	2.12	16.1	233	27	<50	0.22	<1	
C66890 (435669)	<1	1.58	7	24	1.56	877	3.9	2.86	72.1	190	<20	<50	0.10	<1	

Certified By:



## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 12, 2019	DATE RECEIVED: Aug 13, 2019					DATE REPORTED: Sep 03, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
C66891 (435670)	<1	0.95	7	23	3.03	1470	1.6	2.57	86.2	394	<20	<50	0.18	<1	
C66892 (435671)	3	0.02	<2	<1	2.10	68	<0.5	0.04	<0.5	69	<20	<50	<0.01	<1	
C66893 (435672)	<1	1.18	6	30	2.84	1470	1.0	2.93	40.3	462	<20	<50	0.41	<1	
C66894 (435673)	<1	1.40	32	39	0.69	456	5.8	3.60	9.0	763	45	<50	0.57	<1	
C66895 (435674)	<1	0.92	30	30	0.32	221	1.9	3.44	2.2	435	<20	<50	0.20	<1	
C66896 (435675)	<1	1.17	31	18	0.27	199	16.7	3.37	2.3	287	<20	<50	0.14	<1	
C66897 (435676)	<1	0.94	29	22	0.25	161	2.2	3.40	2.3	270	<20	<50	0.05	<1	
C66898 (435677)	<1	0.92	26	22	0.26	173	2.1	3.49	1.9	276	<20	<50	0.06	<1	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T504611

PROJECT: AGAT00738

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 12, 2019

DATE RECEIVED: Aug 13, 2019

DATE REPORTED: Sep 03, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
C66827 (435606)	31	<10	<5	189	<10	<10	<5	0.81	<5	<50	173	<1	26	109
C66828 (435607)	2	<10	<5	90	<10	<10	23	0.04	<5	<50	5.2	<1	8	11.8
C66829 (435608)	10	<10	<5	79	<10	<10	<5	0.26	<5	<50	21.8	<1	11	80.8
C66830 (435609)	29	<10	<5	96	<10	<10	<5	0.83	<5	<50	92.8	<1	39	79.7
C66831 (435610)	1	<10	<5	79	<10	<10	16	0.03	<5	<50	8.8	<1	5	11.2
C66832 (435611)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	2.1	1	2	3.1
C66833 (435612)	1	<10	<5	81	<10	<10	<5	0.04	<5	<50	6.6	<1	4	8.0
C66834 (435613)	<1	<10	<5	82	<10	<10	<5	0.03	<5	<50	4.3	<1	3	8.2
C66835 (435614)	<1	<10	<5	71	<10	<10	<5	0.02	<5	<50	3.7	<1	2	7.2
C66836 (435615)	1	<10	<5	63	<10	<10	11	0.02	<5	<50	4.7	<1	4	6.6
C66837 (435616)	1	<10	<5	57	<10	<10	<5	0.03	<5	<50	2.9	<1	2	9.4
C66838 (435617)	1	<10	<5	56	<10	<10	<5	0.03	<5	<50	2.8	<1	2	9.1
C66839 (435618)	<1	<10	<5	55	<10	<10	5	0.02	<5	<50	1.9	<1	3	6.4
C66840 (435619)	2	<10	<5	83	<10	<10	19	0.03	<5	63	1.4	<1	6	9.7
C66841 (435620)	2	<10	<5	109	<10	<10	12	0.05	<5	<50	3.2	<1	6	88.1
C66842 (435621)	36	<10	<5	129	<10	<10	<5	1.08	<5	<50	96.8	<1	49	57.0
C66843 (435622)	36	<10	<5	142	<10	<10	<5	1.07	<5	<50	101	<1	47	75.0
C66844 (435623)	32	<10	<5	134	<10	<10	<5	0.90	<5	<50	90.2	<1	39	57.0
C66845 (435624)	35	<10	<5	162	<10	<10	<5	1.02	<5	<50	95.3	<1	44	43.8
C66846 (435625)	33	<10	<5	247	<10	<10	<5	0.89	<5	<50	233	<1	21	87.8
C66847 (435626)	35	<10	<5	164	<10	<10	<5	1.02	<5	<50	108	<1	44	61.2
C66848 (435627)	35	<10	<5	174	<10	<10	<5	1.04	<5	<50	109	<1	44	55.5
C66849 (435628)	37	<10	<5	125	<10	<10	<5	1.03	<5	<50	311	<1	31	199
C66850 (435629)	40	<10	<5	110	<10	<10	<5	1.10	<5	<50	364	<1	33	140
C66851 (435630)	40	<10	<5	120	<10	<10	<5	1.05	<5	<50	357	<1	33	124
C66852 (435631)	<1	<10	<5	66	<10	<10	<5	<0.01	<5	<50	2.3	<1	2	3.6
C66853 (435632)	42	<10	<5	118	<10	<10	<5	1.04	<5	<50	367	<1	32	139
C66854 (435633)	39	<10	<5	135	<10	<10	<5	1.09	<5	<50	345	<1	31	155
C66855 (435634)	30	<10	<5	104	<10	<10	<5	0.81	<5	<50	230	<1	24	132
C66856 (435635)	39	<10	<5	142	<10	<10	<5	1.05	<5	<50	346	<1	32	122
C66857 (435636)	4	<10	<5	162	<10	<10	<5	0.11	<5	<50	20.7	<1	4	29.4
C66858 (435637)	4	<10	<5	161	<10	<10	<5	0.12	<5	<50	20.3	<1	4	29.5

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T504611

PROJECT: AGAT00738

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 12, 2019

DATE RECEIVED: Aug 13, 2019

DATE REPORTED: Sep 03, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
C66859 (435638)	36	<10	<5	201	<10	<10	<5	0.98	<5	<50	316	<1	30	98.4
C66860 (435639)	10	<10	<5	238	<10	<10	<5	0.41	<5	<50	89.8	<1	12	69.2
C66861 (435640)	24	<10	<5	1280	<10	<10	<5	2.00	<5	<50	280	<1	30	92.6
C66862 (435641)	9	<10	<5	198	<10	<10	<5	0.32	<5	<50	68.7	<1	10	64.8
C66863 (435642)	40	<10	<5	222	<10	<10	<5	0.97	<5	<50	344	<1	29	128
C66864 (435643)	2	<10	<5	104	<10	<10	15	0.06	<5	<50	8.4	<1	4	13.5
C66865 (435644)	1	<10	<5	93	<10	<10	23	0.04	<5	<50	7.6	<1	5	9.1
C66866 (435645)	32	<10	<5	247	<10	<10	<5	0.89	<5	<50	226	<1	21	87.9
C66867 (435646)	4	<10	<5	114	<10	<10	9	0.04	<5	<50	14.4	<1	3	10.4
C66868 (435647)	7	<10	<5	106	<10	<10	<5	0.18	<5	<50	57.3	<1	7	32.7
C66869 (435648)	1	<10	<5	97	<10	<10	10	0.04	<5	<50	5.1	<1	3	10.4
C66870 (435649)	1	<10	<5	103	<10	<10	17	0.03	<5	53	2.5	<1	4	8.7
C66871 (435650)	<1	<10	<5	104	<10	<10	39	0.03	<5	86	3.1	<1	6	9.8
C66872 (435651)	<1	<10	<5	69	<10	<10	<5	0.03	<5	<50	6.3	<1	3	5.6
C66873 (435652)	<1	<10	<5	99	<10	<10	36	0.02	<5	91	3.2	<1	6	10.0
C66874 (435653)	7	<10	<5	93	<10	<10	<5	0.29	<5	<50	38.4	<1	5	69.2
C66875 (435654)	33	<10	<5	64	<10	<10	<5	1.13	<5	<50	297	<1	27	160
C66876 (435655)	37	<10	<5	114	<10	<10	<5	0.99	<5	<50	331	<1	30	125
C66877 (435656)	25	<10	<5	104	<10	<10	<5	0.62	<5	<50	207	<1	24	87.6
C66878 (435657)	25	<10	<5	103	<10	<10	<5	0.63	<5	<50	208	<1	24	90.3
C66879 (435658)	20	<10	<5	134	<10	<10	<5	0.49	<5	<50	158	<1	21	74.3
C66880 (435659)	31	<10	<5	99	<10	<10	<5	0.85	<5	<50	259	<1	32	137
C66881 (435660)	1	<10	<5	94	<10	<10	13	0.03	<5	<50	5.0	<1	7	12.2
C66882 (435661)	23	<10	<5	113	<10	<10	<5	0.61	<5	<50	142	<1	32	115
C66883 (435662)	1	<10	<5	79	<10	<10	16	0.03	<5	<50	5.2	<1	6	13.4
C66884 (435663)	1	<10	<5	74	<10	<10	<5	0.04	<5	<50	4.4	<1	3	11.2
C66885 (435664)	2	<10	<5	105	<10	<10	12	0.05	<5	<50	4.4	<1	6	19.4
C66886 (435665)	43	<10	<5	109	<10	<10	<5	0.68	<5	<50	297	<1	22	77.2
C66887 (435666)	2	<10	<5	90	<10	<10	38	0.05	<5	<50	3.9	<1	6	9.9
C66888 (435667)	9	<10	<5	126	<10	<10	<5	0.22	<5	<50	20.8	<1	24	20.8
C66889 (435668)	8	<10	<5	156	<10	<10	94	0.20	<5	<50	39.8	<1	60	33.9
C66890 (435669)	21	<10	<5	140	<10	<10	<5	0.49	<5	<50	150	<1	25	89.8

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T504611

PROJECT: AGAT00738

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 12, 2019

DATE RECEIVED: Aug 13, 2019

DATE REPORTED: Sep 03, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
C66891 (435670)	35	<10	<5	134	<10	<10	<5	0.90	<5	<50	313	<1	32	137
C66892 (435671)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	3.5
C66893 (435672)	36	<10	<5	131	<10	<10	<5	0.90	<5	<50	314	<1	30	135
C66894 (435673)	11	<10	<5	167	<10	<10	<5	0.32	<5	<50	28.2	<1	21	87.6
C66895 (435674)	9	<10	<5	135	<10	<10	<5	0.25	<5	<50	12.2	<1	30	20.5
C66896 (435675)	8	<10	<5	111	<10	<10	<5	0.21	<5	<50	12.5	<1	29	14.9
C66897 (435676)	8	<10	<5	116	<10	<10	<5	0.23	<5	<50	11.4	<1	27	13.6
C66898 (435677)	8	<10	<5	118	<10	<10	<5	0.23	<5	<50	11.4	<1	27	14.5

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 12, 2019

DATE RECEIVED: Aug 13, 2019

DATE REPORTED: Sep 03, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
C66827 (435606)			52
C66828 (435607)			53
C66829 (435608)			65
C66830 (435609)			85
C66831 (435610)			77
C66832 (435611)			<5
C66833 (435612)			18
C66834 (435613)			19
C66835 (435614)			11
C66836 (435615)			36
C66837 (435616)			15
C66838 (435617)			18
C66839 (435618)			11
C66840 (435619)			58
C66841 (435620)			45
C66842 (435621)			22
C66843 (435622)			33
C66844 (435623)			55
C66845 (435624)			30
C66846 (435625)			89
C66847 (435626)			42
C66848 (435627)			56
C66849 (435628)			29
C66850 (435629)			16
C66851 (435630)			16
C66852 (435631)			<5
C66853 (435632)			24
C66854 (435633)			38
C66855 (435634)			27
C66856 (435635)			24
C66857 (435636)			72
C66858 (435637)			68

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## Certificate of Analysis

AGAT WORK ORDER: 19T504611

PROJECT: AGAT00738

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 12, 2019      DATE RECEIVED: Aug 13, 2019      DATE REPORTED: Sep 03, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C66859 (435638)				41
C66860 (435639)				133
C66861 (435640)				253
C66862 (435641)				126
C66863 (435642)				42
C66864 (435643)				70
C66865 (435644)				54
C66866 (435645)				83
C66867 (435646)				34
C66868 (435647)				23
C66869 (435648)				28
C66870 (435649)				54
C66871 (435650)				99
C66872 (435651)				<5
C66873 (435652)				131
C66874 (435653)				67
C66875 (435654)				86
C66876 (435655)				37
C66877 (435656)				51
C66878 (435657)				53
C66879 (435658)				48
C66880 (435659)				40
C66881 (435660)				46
C66882 (435661)				114
C66883 (435662)				40
C66884 (435663)				26
C66885 (435664)				49
C66886 (435665)				54
C66887 (435666)				43
C66888 (435667)				171
C66889 (435668)				87
C66890 (435669)				35

Certified By:





## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 12, 2019

DATE RECEIVED: Aug 13, 2019

DATE REPORTED: Sep 03, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
C66891 (435670)	28
C66892 (435671)	<5
C66893 (435672)	49
C66894 (435673)	150
C66895 (435674)	160
C66896 (435675)	130
C66897 (435676)	128
C66898 (435677)	135

Comments: RDL - Reported Detection Limit

435606-435677 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T504611

PROJECT: AGAT00738

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 12, 2019

DATE RECEIVED: Aug 13, 2019

DATE REPORTED: Sep 03, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C66827 (435606)			0.007
C66828 (435607)			0.001
C66829 (435608)			0.002
C66830 (435609)			0.019
C66831 (435610)			0.001
C66832 (435611)			0.001
C66833 (435612)			0.002
C66834 (435613)			0.001
C66835 (435614)			0.001
C66836 (435615)			0.001
C66837 (435616)			0.001
C66838 (435617)			0.002
C66839 (435618)			0.001
C66840 (435619)			0.002
C66841 (435620)			0.002
C66842 (435621)			0.048
C66843 (435622)			0.032
C66844 (435623)			0.014
C66845 (435624)			0.005
C66846 (435625)			0.327
C66847 (435626)			0.005
C66848 (435627)			0.017
C66849 (435628)			0.041
C66850 (435629)			0.010
C66851 (435630)			0.003
C66852 (435631)			<0.001
C66853 (435632)			0.008
C66854 (435633)			0.025
C66855 (435634)			0.196
C66856 (435635)			0.015
C66857 (435636)			0.001
C66858 (435637)			0.002

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T504611

PROJECT: AGAT00738

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 12, 2019

DATE RECEIVED: Aug 13, 2019

DATE REPORTED: Sep 03, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C66859 (435638)			0.010
C66860 (435639)			0.011
C66861 (435640)			0.003
C66862 (435641)			0.094
C66863 (435642)			0.013
C66864 (435643)			0.002
C66865 (435644)			0.002
C66866 (435645)			0.339
C66867 (435646)			0.003
C66868 (435647)			0.007
C66869 (435648)			0.001
C66870 (435649)			0.001
C66871 (435650)			0.002
C66872 (435651)			0.001
C66873 (435652)			0.005
C66874 (435653)			0.075
C66875 (435654)			0.085
C66876 (435655)			0.020
C66877 (435656)			0.027
C66878 (435657)			0.013
C66879 (435658)			0.024
C66880 (435659)			0.041
C66881 (435660)			0.004
C66882 (435661)			0.085
C66883 (435662)			0.012
C66884 (435663)			0.005
C66885 (435664)			0.014
C66886 (435665)			0.526
C66887 (435666)			0.004
C66888 (435667)			0.060
C66889 (435668)			0.056
C66890 (435669)			0.144

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T504611

PROJECT: AGAT00738

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 12, 2019

DATE RECEIVED: Aug 13, 2019

DATE REPORTED: Sep 03, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au	ppm	0.001	
C66891 (435670)				0.018
C66892 (435671)				0.002
C66893 (435672)				0.061
C66894 (435673)				0.189
C66895 (435674)				0.082
C66896 (435675)				0.038
C66897 (435676)				0.056
C66898 (435677)				0.032

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T504611

PROJECT: AGAT00738

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 12, 2019

DATE RECEIVED: Aug 13, 2019

DATE REPORTED: Sep 03, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
C66827 (435606)		79
C66847 (435626)		82.1
C66877 (435656)		85.7

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	435606	< 0.5	< 0.5	0.0%	435620	< 0.5	< 0.5	0.0%	435632	< 0.5	< 0.5	0.0%	435644	< 0.5	< 0.5	0.0%
Al	435606	6.81	6.71	1.5%	435620	7.32	7.20	1.7%	435632	6.76	7.17	5.9%	435644	6.66	6.53	2.0%
As	435606	< 1	< 1	0.0%	435620	1	3		435632	< 1	< 1	0.0%	435644	< 1	< 1	0.0%
Ba	435606	209	217	3.8%	435620	278	275	1.1%	435632	120	121	0.8%	435644	395	393	0.5%
Be	435606	0.54	0.56	3.6%	435620	1.55	1.57	1.3%	435632	< 0.5	< 0.5	0.0%	435644	0.86	0.85	1.2%
Bi	435606	< 1	< 1	0.0%	435620	< 1	< 1	0.0%	435632	< 1	< 1	0.0%	435644	< 1	< 1	0.0%
Ca	435606	5.26	5.14	2.3%	435620	1.51	1.50	0.7%	435632	5.74	5.92	3.1%	435644	0.80	0.79	1.3%
Cd	435606	< 0.5	< 0.5	0.0%	435620	< 0.5	< 0.5	0.0%	435632	< 0.5	< 0.5	0.0%	435644	< 0.5	< 0.5	0.0%
Ce	435606	17	18	5.7%	435620	11	10	9.5%	435632	5	5	0.0%	435644	9	9	0.0%
Co	435606	33.0	31.7	4.0%	435620	0.8	0.6	28.6%	435632	41.9	39.8	5.1%	435644	0.6	0.6	0.0%
Cr	435606	146	142	2.8%	435620	17.3	16.6	4.1%	435632	56.3	55.2	2.0%	435644	15.8	19.0	18.4%
Cu	435606	44.7	41.0	8.6%	435620	15.1	15.2	0.7%	435632	24.6	24.5	0.4%	435644	1.74	1.84	5.6%
Fe	435606	8.44	8.31	1.6%	435620	0.93	0.91	2.2%	435632	11.0	11.4	3.6%	435644	1.02	1.01	1.0%
Ga	435606	24	24	0.0%	435620	17	17	0.0%	435632	29	28	3.5%	435644	15	15	0.0%
In	435606	< 1	< 1	0.0%	435620	< 1	< 1	0.0%	435632	< 1	< 1	0.0%	435644	< 1	< 1	0.0%
K	435606	1.02	1.05	2.9%	435620	1.54	1.52	1.3%	435632	0.69	0.72	4.3%	435644	4.43	4.44	0.2%
La	435606	9	10	10.5%	435620	5	5	0.0%	435632	5	5	0.0%	435644	4	4	0.0%
Li	435606	29	30	3.4%	435620	11	10	9.5%	435632	37	39	5.3%	435644	2	2	0.0%
Mg	435606	2.61	2.53	3.1%	435620	0.115	0.115	0.0%	435632	2.71	2.87	5.7%	435644	0.07	0.07	0.0%
Mn	435606	1440	1400	2.8%	435620	150	150	0.0%	435632	1790	1890	5.4%	435644	127	121	4.8%
Mo	435606	< 0.5	< 0.5	0.0%	435620	1.1	1.6		435632	< 0.5	< 0.5	0.0%	435644	1.5	1.4	6.9%
Na	435606	2.00	2.06	3.0%	435620	3.76	3.71	1.3%	435632	1.99	2.06	3.5%	435644	2.28	2.28	0.0%
Ni	435606	64.6	60.4	6.7%	435620	< 0.5	< 0.5	0.0%	435632	39.5	39.3	0.5%	435644	< 0.5	< 0.5	0.0%
P	435606	861	876	1.7%	435620	42	42	0.0%	435632	471	452	4.1%	435644	43	42	2.4%
Pb	435606	< 20	< 20	0.0%	435620	68	67	1.5%	435632	< 20	< 20	0.0%	435644	30	29	3.4%
Rb	435606	< 50	< 50	0.0%	435620	< 50	< 50	0.0%	435632	< 50	< 50	0.0%	435644	< 50	< 50	0.0%
S	435606	0.08	0.08	0.0%	435620	0.03	0.03	0.0%	435632	0.131	0.139	5.9%	435644	< 0.01	< 0.01	0.0%
Sb	435606	< 1	< 1	0.0%	435620	< 1	< 1	0.0%	435632	< 1	< 1	0.0%	435644	< 1	< 1	0.0%
Sc	435606	31	31	0.0%	435620	2	2	0.0%	435632	42	41	2.4%	435644	1	1	0.0%
Se	435606	< 10	< 10	0.0%	435620	< 10	< 10	0.0%	435632	< 10	< 10	0.0%	435644	< 10	< 10	0.0%
Sn	435606	< 5	< 5	0.0%	435620	< 5	< 5	0.0%	435632	< 5	< 5	0.0%	435644	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	435606	189	199	5.2%	435620	109	109	0.0%	435632	118	122	3.3%	435644	93	93	0.0%
Ta	435606	< 10	< 10	0.0%	435620	< 10	< 10	0.0%	435632	< 10	< 10	0.0%	435644	< 10	< 10	0.0%
Te	435606	< 10	< 10	0.0%	435620	< 10	< 10	0.0%	435632	< 10	< 10	0.0%	435644	< 10	< 10	0.0%
Th	435606	< 5	< 5	0.0%	435620	12	10	18.2%	435632	< 5	< 5	0.0%	435644	23	22	4.4%
Ti	435606	0.808	0.804	0.5%	435620	0.05	0.05	0.0%	435632	1.04	1.06	1.9%	435644	0.04	0.04	0.0%
Tl	435606	< 5	< 5	0.0%	435620	< 5	< 5	0.0%	435632	< 5	< 5	0.0%	435644	< 5	< 5	0.0%
U	435606	< 50	< 50	0.0%	435620	< 50	< 50	0.0%	435632	< 50	< 50	0.0%	435644	< 50	< 50	0.0%
V	435606	173	168	2.9%	435620	3.2	2.7	16.9%	435632	367	353	3.9%	435644	7.58	7.67	1.2%
W	435606	< 1	< 1	0.0%	435620	< 1	< 1	0.0%	435632	< 1	< 1	0.0%	435644	< 1	< 1	0.0%
Y	435606	26	27	3.8%	435620	6	6	0.0%	435632	32	30	6.5%	435644	5	5	0.0%
Zn	435606	109	107	1.9%	435620	88.1	86.9	1.4%	435632	139	142	2.1%	435644	9.10	8.94	1.8%
Zr	435606	52	51	1.9%	435620	45	45	0.0%	435632	24	24	0.0%	435644	54	56	3.6%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	435656	< 0.5	< 0.5	0.0%	435670	< 0.5	< 0.5	0.0%								
Al	435656	5.99	6.12	2.1%	435670	7.04	7.20	2.2%								
As	435656	< 1	< 1	0.0%	435670	< 1	< 1	0.0%								
Ba	435656	162	170	4.8%	435670	513	539	4.9%								
Be	435656	1.42	1.34	5.8%	435670	0.5	0.5	0.0%								
Bi	435656	< 1	< 1	0.0%	435670	< 1	< 1	0.0%								
Ca	435656	3.58	3.63	1.4%	435670	6.10	6.36	4.2%								
Cd	435656	< 0.5	< 0.5	0.0%	435670	< 0.5	< 0.5	0.0%								
Ce	435656	7	7	0.0%	435670	9	9	0.0%								
Co	435656	24.7	25.0	1.2%	435670	42.9	40.4	6.0%								
Cr	435656	42.4	44.3	4.4%	435670	87.1	84.5	3.0%								
Cu	435656	19.1	20.8	8.5%	435670	84.3	86.2	2.2%								
Fe	435656	6.35	6.70	5.4%	435670	9.76	10.1	3.4%								
Ga	435656	22	22	0.0%	435670	27	26	3.8%								
In	435656	< 1	< 1	0.0%	435670	< 1	< 1	0.0%								
K	435656	1.14	1.20	5.1%	435670	0.949	0.966	1.8%								
La	435656	5	5	0.0%	435670	7	6	15.4%								
Li	435656	47	48	2.1%	435670	23	23	0.0%								
Mg	435656	1.83	1.90	3.8%	435670	3.03	3.11	2.6%								
Mn	435656	968	1010	4.2%	435670	1470	1510	2.7%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	435656	16.8	15.5	8.0%	435670	1.6	1.8	11.8%								
Na	435656	2.08	2.09	0.5%	435670	2.57	2.68	4.2%								
Ni	435656	30.2	28.8	4.7%	435670	86.2	83.8	2.8%								
P	435656	323	315	2.5%	435670	394	379	3.9%								
Pb	435656	< 20	< 20	0.0%	435670	< 20	< 20	0.0%								
Rb	435656	< 50	< 50	0.0%	435670	< 50	< 50	0.0%								
S	435656	0.04	0.04	0.0%	435670	0.18	0.18	0.0%								
Sb	435656	< 1	< 1	0.0%	435670	< 1	< 1	0.0%								
Sc	435656	25	24	4.1%	435670	35	34	2.9%								
Se	435656	< 10	< 10	0.0%	435670	< 10	< 10	0.0%								
Sn	435656	< 5	< 5	0.0%	435670	< 5	< 5	0.0%								
Sr	435656	104	103	1.0%	435670	134	140	4.4%								
Ta	435656	< 10	< 10	0.0%	435670	< 10	< 10	0.0%								
Te	435656	< 10	< 10	0.0%	435670	< 10	< 10	0.0%								
Th	435656	< 5	< 5	0.0%	435670	< 5	< 5	0.0%								
Ti	435656	0.622	0.657	5.5%	435670	0.898	0.937	4.3%								
Tl	435656	< 5	< 5	0.0%	435670	< 5	< 5	0.0%								
U	435656	< 50	< 50	0.0%	435670	< 50	< 50	0.0%								
V	435656	207	205	1.0%	435670	313	306	2.3%								
W	435656	< 1	< 1	0.0%	435670	< 1	< 1	0.0%								
Y	435656	24	23	4.3%	435670	32	31	3.2%								
Zn	435656	87.6	91.0	3.8%	435670	137	140	2.2%								
Zr	435656	51	47	8.2%	435670	28	27	3.6%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	435606	0.007	0.004		435620	0.002	0.002	0.0%	435632	0.0084	0.0104	21.3%	435644	0.0016	0.0012	28.6%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	435656	0.027	0.035	25.8%	435670	0.0178	0.0169	5.2%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GS5W)				CRM #3 (ref.GSP5G)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	2.95	97%	90% - 110%
Al	10.95	10.83	99%	90% - 110%	8.17	7.96	97%	90% - 110%	6.96	6.71	96%	90% - 110%	4.75	4.89	103%	90% - 110%
As					26	25	96%	90% - 110%	124	119	96%	90% - 110%				
Ba	340	338	99%	90% - 110%	540	541	100%	90% - 110%	186	185	99%	90% - 110%	216	229	106%	90% - 110%
Be	2.6	2.6	100%	90% - 110%	4.0	2.8	71%	90% - 110%								
Ca	5.72	5.71	100%	90% - 110%	0.907	0.842	93%	90% - 110%	4.01	3.76	94%	90% - 110%	10	9	94%	90% - 110%
Ce	122	114	94%	90% - 110%	98	91	93%	90% - 110%	24	22	91%	90% - 110%				
Co	2.8	2.4	87%	90% - 110%					22.1	21.3	96%	90% - 110%	191	178	93%	90% - 110%
Cr					60.3	57.1	95%	90% - 110%					670	602	90%	90% - 110%
Cu	7	5	72%	90% - 110%	150	147	98%	90% - 110%	88.6	84.9	96%	90% - 110%	7120	7304	103%	90% - 110%
Fe	4.34	4.23	97%	90% - 110%	3.77	3.6	96%	90% - 110%	7.56	7.29	96%	90% - 110%	12.71	12.29	97%	90% - 110%
Ga	35	36	102%	90% - 110%												
K	1.37	1.43	104%	90% - 110%					2.021	1.997	99%	90% - 110%	0.1021	0.1078	106%	90% - 110%
La	58	53	92%	90% - 110%	44	40	91%	90% - 110%					8.47	9.38	110%	90% - 110%
Li	37	39	105%	90% - 110%	47	46	98%	90% - 110%								
Mg	0.325	0.31	96%	90% - 110%	1.10	1.05	95%	90% - 110%	2.412	2.329	97%	90% - 110%	7.41	7.28	98%	90% - 110%
Mn					780	732	94%	90% - 110%	1510	1396	92%	90% - 110%				
Mo					14	13	92%	90% - 110%								
Na	5.267	5.469	104%	90% - 110%	1.624	1.65	102%	90% - 110%	0.617	0.618	100%	90% - 110%	0.112	0.122	109%	90% - 110%
Ni					32	29	92%	90% - 110%	77.1	70.5	91%	90% - 110%	2480	2265	91%	90% - 110%
P					750	676	90%	90% - 110%	892	890	100%	90% - 110%	731	716	98%	90% - 110%
Pb					31	29	93%	90% - 110%								
S									0.348	0.326	94%	90% - 110%				
Sc	1.1	0.8	77%	90% - 110%	12	12	97%	90% - 110%					21.33	20.96	98%	90% - 110%
Sr	1191	1181	99%	90% - 110%	144	146	101%	90% - 110%	92.8	86.9	94%	90% - 110%	39	37	96%	90% - 110%
Ti	0.172	0.173	101%	90% - 110%	0.53	0.48	91%	90% - 110%					0.419	0.426	102%	90% - 110%
V	8	7	83%	90% - 110%	77	71	93%	90% - 110%					158	153	97%	90% - 110%
Y	119	115	97%	90% - 110%									12.67	12.89	102%	90% - 110%
Zn	93	97	104%	90% - 110%	130	118	91%	90% - 110%	208	200	96%	90% - 110%	112	107	95%	90% - 110%
Zr													35.7	34.9	98%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GS5W)				CRM #3 (ref.GSP5G)				CRM #4 (ref.GSP7M)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.44	94%	90% - 110%	5.27	5.15	98%	90% - 110%	0.562	0.564	100%	90% - 110%	0.725	0.74	102%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19T504611

PROJECT: AGAT00738

ATTENTION TO: Craig Yuill

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE



CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00739

AGAT WORK ORDER: 19T505770

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 11, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T505770

PROJECT: AGAT00739

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 14, 2019

DATE RECEIVED: Aug 15, 2019

DATE REPORTED: Sep 11, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C66899 (442317)		3.30
C66900 (442318)		2.04
C66901 (442319)		1.38
C66902 (442320)		2.86
C66903 (442321)		2.37
C66904 (442322)		1.80
C66905 (442323)		2.61
C66906 (442324)		0.10
C66907 (442325)		2.18
C66908 (442326)		3.12
C66909 (442327)		0.92
C66910 (442328)		2.52
C66911 (442329)		3.22
C66912 (442330)		0.67
C66913 (442331)		3.13
C66914 (442332)		3.09
C66915 (442333)		3.10
C66916 (442334)		2.08
C66917 (442335)		1.17
C66918 (442336)		1.17
C66919 (442337)		2.42
C66920 (442338)		0.82
C66921 (442339)		2.19
C66922 (442340)		2.87
C66923 (442341)		1.68
C66924 (442342)		1.95
C66925 (442343)		1.06
C66926 (442344)		0.10
C66927 (442345)		1.81
C66928 (442346)		2.78
C66929 (442347)		2.55

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T505770

PROJECT: AGAT00739

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 14, 2019      DATE RECEIVED: Aug 15, 2019      DATE REPORTED: Sep 11, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C66930 (442348)		2.59
C66931 (442349)		3.38
C66932 (442350)		0.63
C66933 (442351)		1.56
C66934 (442352)		2.26
C66935 (442353)		2.17
C66936 (442354)		2.32
C66937 (442355)		3.01
C66938 (442356)		3.01
C66939 (442357)		1.62
C66940 (442358)		1.96
C66941 (442359)		1.25
C66942 (442360)		0.65
C66943 (442361)		2.26
C66944 (442362)		2.00
C66945 (442363)		2.04
C66946 (442364)		0.10
C66947 (442365)		1.83
C66948 (442366)		2.46
C66949 (442367)		2.58
C66950 (442368)		0.78
C66951 (442369)		0.94
C66952 (442370)		0.71
C66953 (442371)		2.18
C66954 (442372)		0.98
C66955 (442373)		1.03
C66956 (442374)		1.00
C66957 (442375)		1.48
C66958 (442376)		1.48
C66959 (442377)		2.22
C66960 (442378)		1.14

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T505770

PROJECT: AGAT00739

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Aug 14, 2019

DATE RECEIVED: Aug 15, 2019

DATE REPORTED: Sep 11, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
C66961 (442379)		3.02
C66962 (442380)		1.06
C66963 (442381)		2.08
C66964 (442382)		2.39
C66965 (442383)		1.14
C66966 (442384)		0.10
C66967 (442385)		1.52
C66968 (442386)		1.53
C66969 (442387)		0.68
C66970 (442388)		2.75

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T505770

PROJECT: AGAT00739

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 14, 2019	DATE RECEIVED: Aug 15, 2019							DATE REPORTED: Sep 11, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C66899 (442317)	0.5	7.08	<1	361	1.2	<1	1.80	<0.5	55	4.3	116	11.8	2.41	17	
C66900 (442318)	0.5	6.68	<1	160	1.5	<1	1.40	<0.5	56	3.3	149	7.9	2.27	17	
C66901 (442319)	<0.5	6.66	2	277	1.7	<1	1.61	<0.5	74	3.1	174	9.0	1.91	16	
C66902 (442320)	<0.5	7.32	2	476	1.2	<1	0.84	<0.5	42	0.7	133	<0.5	0.94	15	
C66903 (442321)	<0.5	7.26	<1	475	1.1	<1	0.88	<0.5	10	<0.5	160	<0.5	1.01	16	
C66904 (442322)	<0.5	5.28	<1	400	1.2	<1	2.76	<0.5	45	37.0	371	3.2	5.89	14	
C66905 (442323)	<0.5	6.93	<1	235	1.1	<1	2.01	<0.5	55	2.6	212	29.2	2.38	16	
C66906 (442324)	<0.5	7.35	<1	179	0.6	<1	6.05	<0.5	9	37.8	196	99.6	7.22	18	
C66907 (442325)	<0.5	6.72	<1	237	1.4	<1	1.82	<0.5	60	3.2	135	71.0	2.29	16	
C66908 (442326)	<0.5	6.58	3	276	1.2	<1	1.89	<0.5	53	4.3	139	77.6	2.38	17	
C66909 (442327)	<0.5	2.11	47	2630	8.1	<1	9.78	1.3	162	32.5	224	80.6	6.27	7	
C66910 (442328)	<0.5	7.12	<1	361	1.0	<1	1.99	<0.5	58	3.5	142	44.8	2.58	17	
C66911 (442329)	<0.5	6.78	<1	335	1.0	<1	1.81	<0.5	56	2.5	181	7.7	2.55	17	
C66912 (442330)	<0.5	0.14	<1	20	<0.5	<1	32.3	<0.5	<1	<0.5	19.8	<0.5	0.09	<5	
C66913 (442331)	<0.5	6.71	<1	358	1.0	<1	1.79	<0.5	53	2.9	190	2.3	2.51	17	
C66914 (442332)	<0.5	6.76	2	291	1.1	<1	2.78	<0.5	109	2.8	124	1.5	2.38	16	
C66915 (442333)	<0.5	6.73	<1	284	1.0	<1	1.91	<0.5	54	2.6	206	4.0	2.33	16	
C66916 (442334)	<0.5	6.81	<1	280	1.0	<1	2.01	<0.5	54	2.0	154	7.6	2.04	16	
C66917 (442335)	<0.5	6.78	<1	216	1.4	<1	1.96	<0.5	62	2.9	183	6.5	2.18	16	
C66918 (442336)	<0.5	6.79	<1	214	1.3	<1	1.95	<0.5	66	2.6	149	6.4	2.10	16	
C66919 (442337)	<0.5	7.57	2	438	1.1	<1	0.76	<0.5	21	<0.5	137	<0.5	0.59	16	
C66920 (442338)	<0.5	7.46	<1	264	1.3	<1	2.33	<0.5	43	4.8	154	3.3	2.28	18	
C66921 (442339)	<0.5	7.74	2	389	1.1	<1	1.71	<0.5	29	2.9	169	8.3	1.37	19	
C66922 (442340)	<0.5	6.62	<1	270	1.8	<1	2.04	<0.5	87	4.9	177	28.1	2.57	16	
C66923 (442341)	<0.5	6.37	<1	658	1.5	<1	5.95	<0.5	75	43.6	152	286	10.5	23	
C66924 (442342)	<0.5	5.39	<1	260	1.8	<1	6.99	<0.5	57	51.9	152	352	11.2	20	
C66925 (442343)	<0.5	5.21	<1	549	1.5	<1	7.20	<0.5	56	50.2	165	337	9.87	18	
C66926 (442344)	<0.5	7.12	<1	137	<0.5	<1	6.55	<0.5	<1	38.7	149	147	7.64	16	
C66927 (442345)	<0.5	3.43	<1	1180	3.2	<1	10.5	<0.5	229	53.4	335	140	9.73	18	
C66928 (442346)	<0.5	4.68	<1	466	1.7	<1	7.31	<0.5	50	48.3	327	321	9.19	16	
C66929 (442347)	<0.5	3.94	<1	254	0.9	<1	7.93	<0.5	40	52.2	650	118	8.37	12	
C66930 (442348)	<0.5	3.39	1	457	2.1	<1	7.66	0.7	32	63.1	781	117	8.88	11	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T505770

PROJECT: AGAT00739

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 14, 2019	DATE RECEIVED: Aug 15, 2019							DATE REPORTED: Sep 11, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C66931 (442349)	<0.5	4.13	<1	432	1.5	<1	7.80	<0.5	38	59.7	519	295	9.77	13	
C66932 (442350)	<0.5	0.07	<1	22	<0.5	<1	32.8	<0.5	<1	0.5	3.9	<0.5	0.09	<5	
C66933 (442351)	<0.5	6.58	<1	244	0.8	<1	1.68	<0.5	55	6.1	14.0	69.5	2.43	15	
C66934 (442352)	<0.5	6.68	<1	245	0.9	<1	1.68	<0.5	59	7.6	11.6	101	2.63	16	
C66935 (442353)	0.6	6.74	<1	345	0.9	<1	1.48	<0.5	57	4.4	11.9	24.6	2.49	16	
C66936 (442354)	<0.5	5.99	2	594	1.3	<1	2.54	<0.5	212	6.1	76.3	11.2	3.07	14	
C66937 (442355)	<0.5	6.73	<1	438	0.9	<1	1.69	<0.5	56	4.3	11.2	29.5	2.59	16	
C66938 (442356)	<0.5	6.84	<1	444	0.9	<1	1.67	<0.5	55	3.7	12.8	29.3	2.69	16	
C66939 (442357)	<0.5	6.48	<1	371	1.1	<1	1.52	<0.5	72	3.7	12.4	15.4	2.47	16	
C66940 (442358)	<0.5	7.10	<1	556	1.1	<1	0.69	<0.5	21	<0.5	11.2	35.7	0.79	14	
C66941 (442359)	<0.5	7.21	1	558	1.1	<1	0.82	<0.5	17	1.0	14.6	6.3	0.91	14	
C66942 (442360)	<0.5	2.81	2	112	8.5	<1	8.74	0.5	58	32.6	218	<0.5	7.59	12	
C66943 (442361)	<0.5	7.12	<1	566	1.0	<1	0.65	<0.5	42	1.6	148	5.6	1.05	13	
C66944 (442362)	<0.5	7.21	<1	769	0.5	<1	0.27	<0.5	10	<0.5	8.6	4.4	0.60	13	
C66945 (442363)	<0.5	7.49	<1	683	1.0	<1	0.44	<0.5	17	<0.5	176	8.0	0.61	15	
C66946 (442364)	<0.5	7.62	<1	184	<0.5	<1	6.24	<0.5	10	37.2	167	105	7.50	18	
C66947 (442365)	<0.5	6.60	<1	510	1.2	<1	1.39	<0.5	51	4.6	25.6	47.1	1.80	14	
C66948 (442366)	<0.5	6.33	1	379	1.1	<1	1.44	<0.5	84	7.6	16.1	171	2.68	16	
C66949 (442367)	0.5	6.74	<1	310	0.9	<1	1.55	<0.5	57	4.9	11.3	59.4	2.79	16	
C66950 (442368)	<0.5	5.94	<1	409	0.7	<1	5.53	<0.5	40	42.4	280	38.8	6.82	15	
C66951 (442369)	<0.5	8.36	<1	705	1.1	<1	2.09	<0.5	28	3.9	13.9	11.4	1.53	19	
C66952 (442370)	<0.5	0.08	<1	15	<0.5	<1	30.9	<0.5	<1	0.5	2.9	<0.5	0.09	<5	
C66953 (442371)	<0.5	7.10	<1	366	1.0	<1	1.62	<0.5	64	4.9	15.2	51.1	2.56	17	
C66954 (442372)	<0.5	7.40	1	414	1.1	<1	0.82	<0.5	59	<0.5	10.5	0.7	0.88	16	
C66955 (442373)	<0.5	6.61	<1	177	1.4	<1	1.39	<0.5	72	3.4	13.2	30.7	2.20	16	
C66956 (442374)	<0.5	7.73	7	539	1.3	<1	0.84	<0.5	293	<0.5	9.7	1.8	1.02	17	
C66957 (442375)	<0.5	7.33	2	308	1.3	<1	1.04	<0.5	47	2.1	11.8	9.3	1.20	16	
C66958 (442376)	<0.5	7.39	<1	318	1.4	<1	1.04	<0.5	43	1.8	10.3	9.1	1.23	16	
C66959 (442377)	<0.5	6.92	<1	285	1.3	<1	1.66	<0.5	61	4.1	12.1	22.4	2.59	17	
C66960 (442378)	<0.5	6.78	<1	210	1.4	<1	1.79	<0.5	65	2.1	13.1	18.1	2.41	16	
C66961 (442379)	<0.5	6.02	<1	215	1.1	<1	1.58	<0.5	48	5.4	13.2	51.8	2.59	14	
C66962 (442380)	0.5	6.49	<1	180	1.2	<1	1.49	<0.5	57	2.9	12.3	25.6	2.41	16	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T505770

PROJECT: AGAT00739

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 14, 2019		DATE RECEIVED: Aug 15, 2019						DATE REPORTED: Sep 11, 2019				SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
C66963 (442381)		<0.5	8.08	<1	509	1.1	<1	1.02	<0.5	41	<0.5	10.5	1.1	0.79	16
C66964 (442382)		<0.5	7.97	1	435	1.2	<1	1.02	<0.5	89	0.5	10.2	0.9	1.33	18
C66965 (442383)		<0.5	7.60	2	155	1.8	<1	1.59	<0.5	125	1.8	13.2	2.4	1.79	20
C66966 (442384)		<0.5	7.56	<1	186	0.5	<1	6.22	<0.5	9	37.5	172	103	7.51	18
C66967 (442385)		<0.5	6.96	2	366	1.1	<1	0.98	<0.5	75	1.1	11.0	4.3	1.95	17
C66968 (442386)		<0.5	6.67	<1	115	1.2	<1	1.61	<0.5	57	2.6	11.2	13.5	2.96	17
C66969 (442387)		<0.5	5.44	<1	209	1.2	<1	0.82	<0.5	66	2.0	15.2	<0.5	3.38	17
C66970 (442388)		<0.5	7.31	<1	309	1.6	<1	1.73	<0.5	65	2.3	16.0	0.6	1.89	19

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AGAT WORK ORDER: 19T505770

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 14, 2019

DATE RECEIVED: Aug 15, 2019

DATE REPORTED: Sep 11, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
C66899 (442317)		<1	1.13	26	18	0.29	196	1.9	3.78	4.6	309	<20	<50	0.07	<1
C66900 (442318)		<1	1.23	27	16	0.28	334	1.5	3.47	4.5	245	<20	<50	0.05	<1
C66901 (442319)		<1	1.69	36	18	0.33	263	1.3	3.39	9.3	172	<20	<50	0.06	<1
C66902 (442320)		<1	4.78	19	4	0.11	118	1.2	2.58	2.4	77	21	<50	<0.01	<1
C66903 (442321)		<1	4.21	4	4	0.05	83	0.7	2.78	2.5	48	<20	<50	<0.01	<1
C66904 (442322)		<1	2.26	24	56	3.93	870	1.1	2.00	290	409	<20	<50	0.04	<1
C66905 (442323)		<1	0.58	25	14	0.30	205	1.5	4.01	5.0	306	<20	<50	0.06	<1
C66906 (442324)		<1	0.43	9	10	4.29	1250	2.2	2.29	108	794	<20	<50	0.09	<1
C66907 (442325)		<1	0.65	28	16	0.27	189	2.2	3.91	4.7	286	<20	<50	0.12	<1
C66908 (442326)		<1	0.77	25	8	0.33	228	7.7	3.96	6.0	304	<20	<50	0.54	<1
C66909 (442327)		<1	2.47	79	451	5.09	1560	1.7	1.26	172	205	<20	<50	0.26	<1
C66910 (442328)		<1	0.77	27	12	0.34	206	3.1	4.31	4.8	354	<20	<50	0.38	<1
C66911 (442329)		<1	0.85	26	17	0.29	201	2.5	4.00	4.1	302	<20	<50	0.12	<1
C66912 (442330)		<1	0.09	2	1	1.94	109	<0.5	0.06	<0.5	78	<20	<50	0.05	<1
C66913 (442331)		<1	1.03	25	18	0.28	196	2.3	3.86	3.8	309	<20	<50	0.08	<1
C66914 (442332)		<1	0.95	50	11	0.47	261	2.1	3.89	6.3	365	<20	<50	0.07	<1
C66915 (442333)		<1	0.75	23	17	0.27	205	2.4	3.79	4.1	294	<20	<50	0.11	<1
C66916 (442334)		<1	0.59	21	15	0.27	199	1.9	3.99	4.7	311	<20	<50	0.09	1
C66917 (442335)		<1	0.88	25	14	0.38	274	2.1	3.85	9.3	277	<20	<50	0.06	<1
C66918 (442336)		<1	0.83	26	13	0.37	259	1.7	3.83	8.0	279	<20	<50	0.06	<1
C66919 (442337)		<1	4.69	9	3	0.05	61	1.2	2.98	2.6	122	<20	<50	0.02	<1
C66920 (442338)		<1	0.98	18	15	0.57	458	1.3	4.18	28.8	303	<20	<50	0.03	<1
C66921 (442339)		<1	1.52	13	12	0.34	179	2.0	4.29	5.3	245	<20	<50	0.03	<1
C66922 (442340)		<1	0.88	38	10	0.59	380	1.7	4.29	14.4	285	<20	<50	0.05	<1
C66923 (442341)		<1	1.51	41	24	2.96	1640	4.3	2.76	82.4	980	<20	<50	0.25	<1
C66924 (442342)		<1	0.93	35	25	4.33	1750	1.6	2.43	141	739	<20	<50	0.17	<1
C66925 (442343)		<1	1.54	34	48	4.54	1660	2.0	2.62	152	793	<20	<50	0.17	<1
C66926 (442344)		<1	0.20	3	12	4.28	1350	1.5	2.32	80.5	392	<20	<50	0.15	<1
C66927 (442345)		<1	2.09	107	27	8.12	1800	6.3	1.14	288	3640	<20	<50	0.23	<1
C66928 (442346)		<1	1.54	30	45	4.83	1530	1.6	2.18	175	762	<20	<50	0.17	<1
C66929 (442347)		<1	1.06	23	43	6.16	1480	1.7	1.77	268	539	<20	<50	0.05	<1
C66930 (442348)		<1	2.24	19	116	8.04	1500	1.5	1.02	446	535	<20	<50	0.11	<1

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T505770

PROJECT: AGAT00739

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 14, 2019	DATE RECEIVED: Aug 15, 2019					DATE REPORTED: Sep 11, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
C66931 (442349)	<1	1.85	22	55	6.75	1570	1.8	1.43	343	517	<20	<50	0.14	<1	
C66932 (442350)	<1	0.03	2	1	2.23	133	<0.5	0.04	0.6	86	<20	<50	0.05	<1	
C66933 (442351)	<1	0.83	24	13	0.39	212	2.2	4.02	8.3	301	<20	<50	0.16	<1	
C66934 (442352)	<1	0.66	27	12	0.29	212	2.6	4.05	4.4	288	<20	<50	0.43	<1	
C66935 (442353)	<1	0.85	26	14	0.29	178	2.6	3.99	3.2	304	<20	<50	0.17	<1	
C66936 (442354)	<1	1.25	86	11	0.94	427	7.4	3.25	15.1	280	<20	<50	0.13	<1	
C66937 (442355)	<1	1.23	25	12	0.31	233	1.9	3.69	2.8	298	<20	<50	0.26	<1	
C66938 (442356)	<1	1.31	25	12	0.31	242	2.2	3.65	3.0	293	<20	<50	0.26	<1	
C66939 (442357)	<1	1.33	32	10	0.33	239	1.9	3.52	3.9	266	<20	<50	0.09	<1	
C66940 (442358)	<1	5.06	8	3	0.15	123	1.1	2.53	2.5	102	<20	<50	0.02	<1	
C66941 (442359)	<1	5.78	7	3	0.23	137	1.7	2.29	4.4	109	<20	<50	0.03	2	
C66942 (442360)	<1	4.10	32	381	5.00	1300	2.3	0.47	131	1390	<20	<50	0.16	<1	
C66943 (442361)	<1	5.04	18	23	0.33	140	1.1	2.79	9.0	144	<20	<50	0.02	<1	
C66944 (442362)	<1	7.38	4	2	0.07	81	1.1	1.48	1.3	43	23	67	<0.01	<1	
C66945 (442363)	<1	5.63	7	3	0.09	77	0.8	2.52	3.0	27	<20	<50	0.01	<1	
C66946 (442364)	<1	0.45	10	11	4.39	1310	1.8	2.44	103	834	<20	<50	0.10	<1	
C66947 (442365)	<1	3.56	21	4	0.55	339	1.3	3.02	12.0	43	<20	<50	0.03	<1	
C66948 (442366)	<1	1.69	36	13	0.36	308	1.9	3.21	8.9	229	<20	<50	0.43	<1	
C66949 (442367)	<1	0.92	26	21	0.29	201	1.8	3.53	3.6	280	<20	<50	0.21	<1	
C66950 (442368)	<1	1.89	23	63	4.63	1140	2.9	2.10	318	546	<20	<50	0.15	<1	
C66951 (442369)	<1	1.42	14	22	0.47	192	1.2	4.28	7.5	423	<20	<50	0.06	<1	
C66952 (442370)	<1	0.02	2	1	2.78	121	<0.5	0.05	<0.5	106	<20	<50	0.05	1	
C66953 (442371)	<1	1.09	29	22	0.37	246	1.7	3.72	5.4	311	<20	<50	0.24	<1	
C66954 (442372)	<1	4.39	26	5	0.10	110	1.0	2.87	1.1	123	25	<50	0.01	<1	
C66955 (442373)	<1	1.11	31	7	0.31	261	1.8	3.60	3.8	266	<20	<50	0.16	<1	
C66956 (442374)	<1	6.02	125	4	0.23	148	1.0	2.60	4.7	125	<20	50	0.03	<1	
C66957 (442375)	<1	3.16	22	4	0.16	175	1.2	3.46	3.0	122	<20	<50	0.08	<1	
C66958 (442376)	<1	3.26	20	4	0.17	180	1.3	3.59	3.2	121	<20	<50	0.07	<1	
C66959 (442377)	<1	0.99	28	10	0.34	287	2.6	3.73	4.5	284	<20	<50	0.19	<1	
C66960 (442378)	<1	0.89	28	11	0.28	293	2.0	3.78	3.6	306	<20	<50	0.19	<1	
C66961 (442379)	<1	0.81	20	11	0.31	296	2.6	3.25	3.9	249	<20	<50	0.57	<1	
C66962 (442380)	<1	0.95	25	10	0.30	311	2.0	3.51	2.6	273	<20	<50	0.16	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T505770

PROJECT: AGAT00739

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 14, 2019

DATE RECEIVED: Aug 15, 2019

DATE REPORTED: Sep 11, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Rb ppm	S %	Sb ppm
C66963 (442381)		<1	5.38	18	4	0.18	150	0.8	2.93	2.9	103	24	<50	0.01	<1
C66964 (442382)		<1	4.49	41	11	0.23	230	1.1	3.12	1.5	509	22	<50	0.02	<1
C66965 (442383)		<1	1.68	58	13	0.32	295	1.2	4.09	4.8	375	<20	<50	0.02	<1
C66966 (442384)		<1	0.45	9	11	4.40	1300	1.9	2.40	101	778	<20	<50	0.09	<1
C66967 (442385)		<1	3.16	36	8	0.16	211	1.6	3.15	2.0	214	<20	<50	0.03	<1
C66968 (442386)		<1	0.73	21	20	0.32	357	1.5	3.70	3.0	314	<20	<50	0.09	<1
C66969 (442387)		<1	2.06	29	5	0.17	320	1.8	2.62	3.6	132	<20	<50	0.02	<1
C66970 (442388)		<1	2.27	27	7	0.44	338	1.4	3.94	7.2	150	<20	<50	0.02	<1

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 14, 2019

DATE RECEIVED: Aug 15, 2019

DATE REPORTED: Sep 11, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
C66899 (442317)	9	<10	<5	129	<10	<10	<5	0.23	<5	<50	17.3	<1	34	19.9
C66900 (442318)	4	<10	<5	100	<10	<10	11	0.16	<5	<50	16.9	<1	12	46.8
C66901 (442319)	6	<10	<5	133	<10	<10	14	0.12	<5	<50	29.1	<1	11	32.9
C66902 (442320)	2	<10	<5	109	<10	<10	17	0.05	<5	<50	8.6	<1	4	14.0
C66903 (442321)	<1	<10	<5	111	<10	<10	<5	0.03	<5	<50	8.4	<1	3	8.6
C66904 (442322)	15	<10	<5	130	<10	<10	<5	0.49	<5	<50	91.0	<1	23	67.8
C66905 (442323)	8	<10	<5	158	<10	<10	<5	0.25	<5	<50	19.1	<1	32	19.9
C66906 (442324)	34	<10	<5	237	<10	<10	<5	0.78	<5	<50	242	<1	22	88.2
C66907 (442325)	9	<10	<5	126	<10	<10	<5	0.22	<5	<50	18.9	<1	32	23.2
C66908 (442326)	11	<10	<5	185	<10	<10	<5	0.21	<5	<50	45.9	<1	28	49.3
C66909 (442327)	85	<10	<5	665	<10	<10	51	0.48	<5	<50	493	<1	23	92.7
C66910 (442328)	10	<10	<5	171	<10	<10	<5	0.25	<5	<50	24.1	<1	33	54.5
C66911 (442329)	9	<10	<5	149	<10	<10	<5	0.23	<5	<50	23.3	<1	31	22.7
C66912 (442330)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	4.3
C66913 (442331)	9	<10	<5	121	<10	<10	<5	0.23	<5	<50	18.4	<1	31	20.0
C66914 (442332)	9	<10	<5	147	<10	<10	9	0.23	<5	<50	20.2	<1	31	21.4
C66915 (442333)	9	<10	<5	134	<10	<10	<5	0.22	<5	<50	18.7	<1	33	19.6
C66916 (442334)	8	<10	<5	141	<10	<10	<5	0.23	<5	<50	18.8	<1	33	18.6
C66917 (442335)	10	<10	<5	130	<10	<10	<5	0.22	<5	<50	25.0	<1	31	23.3
C66918 (442336)	9	<10	<5	130	<10	<10	<5	0.23	<5	<50	23.7	<1	31	22.1
C66919 (442337)	1	<10	<5	104	<10	<10	10	0.02	<5	<50	5.9	3	5	7.6
C66920 (442338)	8	<10	<5	255	<10	<10	<5	0.23	<5	<50	32.9	<1	25	46.3
C66921 (442339)	4	<10	<5	464	<10	<10	<5	0.13	<5	<50	23.0	<1	7	34.1
C66922 (442340)	8	<10	<5	213	<10	<10	19	0.19	<5	<50	37.2	<1	23	26.5
C66923 (442341)	23	<10	<5	536	<10	<10	<5	1.06	<5	<50	214	<1	29	125
C66924 (442342)	34	<10	<5	493	<10	<10	<5	1.22	<5	<50	254	<1	26	128
C66925 (442343)	36	<10	<5	577	<10	<10	<5	1.00	<5	<50	223	<1	23	119
C66926 (442344)	46	<10	<5	110	<10	<10	<5	0.65	<5	<50	310	<1	22	78.7
C66927 (442345)	23	<10	<5	1300	<10	<10	<5	1.37	<5	<50	289	<1	36	119
C66928 (442346)	37	<10	<5	515	<10	<10	<5	0.90	<5	<50	213	<1	22	116
C66929 (442347)	43	<10	<5	511	<10	<10	<5	0.77	<5	<50	187	<1	17	98.7
C66930 (442348)	47	<10	<5	364	<10	<10	<5	0.68	<5	<50	208	<1	17	120

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## Certificate of Analysis

AGAT WORK ORDER: 19T505770

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 14, 2019

DATE RECEIVED: Aug 15, 2019

DATE REPORTED: Sep 11, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
C66931 (442349)	41	<10	<5	569	<10	<10	<5	0.87	<5	<50	230	<1	19	103
C66932 (442350)	<1	<10	<5	73	<10	<10	<5	<0.01	<5	<50	1.1	<1	3	3.1
C66933 (442351)	8	<10	<5	194	<10	<10	<5	0.24	<5	<50	24.2	<1	28	21.4
C66934 (442352)	8	<10	<5	107	<10	<10	<5	0.24	<5	<50	19.8	<1	29	21.1
C66935 (442353)	8	<10	<5	126	<10	<10	<5	0.24	<5	<50	18.7	<1	28	26.4
C66936 (442354)	15	<10	<5	180	<10	<10	77	0.19	<5	<50	37.0	<1	33	19.5
C66937 (442355)	9	<10	<5	111	<10	<10	<5	0.24	<5	<50	18.4	<1	30	31.1
C66938 (442356)	8	<10	<5	109	<10	<10	<5	0.24	<5	<50	18.1	<1	29	31.6
C66939 (442357)	9	<10	<5	117	<10	<10	13	0.23	<5	<50	20.1	<1	28	20.9
C66940 (442358)	2	<10	<5	89	<10	<10	8	0.04	<5	<50	6.1	<1	6	7.6
C66941 (442359)	4	<10	<5	107	<10	<10	5	0.04	<5	<50	13.8	<1	3	9.3
C66942 (442360)	94	<10	<5	305	<10	<10	<5	0.60	<5	<50	416	<1	32	73.6
C66943 (442361)	3	<10	<5	104	<10	<10	15	0.04	<5	<50	13.6	1	5	12.8
C66944 (442362)	1	<10	<5	87	<10	<10	5	0.03	<5	<50	3.8	<1	2	5.8
C66945 (442363)	1	<10	<5	91	<10	<10	9	0.03	<5	<50	4.1	6	2	8.2
C66946 (442364)	35	<10	<5	249	<10	<10	<5	0.84	<5	<50	248	<1	23	89.7
C66947 (442365)	8	<10	<5	137	<10	<10	22	0.06	<5	<50	26.0	<1	6	26.1
C66948 (442366)	8	<10	<5	98	<10	<10	21	0.23	<5	<50	24.3	<1	21	52.4
C66949 (442367)	9	<10	<5	162	<10	<10	<5	0.23	<5	<50	16.0	<1	32	22.0
C66950 (442368)	18	<10	<5	308	<10	<10	<5	0.66	<5	<50	130	<1	13	95.9
C66951 (442369)	3	<10	<5	592	<10	<10	<5	0.18	<5	<50	27.6	<1	3	45.5
C66952 (442370)	<1	<10	<5	66	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	3.9
C66953 (442371)	7	<10	<5	211	<10	<10	<5	0.22	<5	<50	20.0	<1	25	33.0
C66954 (442372)	2	<10	<5	97	<10	<10	18	0.05	<5	<50	3.6	<1	6	10.8
C66955 (442373)	6	<10	<5	90	<10	<10	9	0.18	<5	<50	16.0	<1	12	38.8
C66956 (442374)	4	<10	<5	109	<10	<10	113	0.04	<5	<50	13.1	<1	24	6.6
C66957 (442375)	3	<10	<5	87	<10	<10	12	0.10	<5	<50	12.4	<1	8	15.1
C66958 (442376)	3	<10	<5	90	<10	<10	11	0.10	<5	<50	12.2	<1	8	14.5
C66959 (442377)	9	<10	<5	127	<10	<10	<5	0.21	<5	<50	17.9	<1	21	33.6
C66960 (442378)	9	<10	<5	141	<10	<10	<5	0.22	<5	<50	18.8	<1	31	25.4
C66961 (442379)	9	<10	<5	120	<10	<10	<5	0.20	<5	<50	17.9	<1	35	40.3
C66962 (442380)	7	<10	<5	100	<10	<10	<5	0.19	<5	<50	14.0	<1	17	37.7

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T505770

PROJECT: AGAT00739

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 14, 2019

DATE RECEIVED: Aug 15, 2019

DATE REPORTED: Sep 11, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
C66963 (442381)	3	<10	<5	118	<10	<10	15	0.02	<5	<50	6.7	<1	5	8.9
C66964 (442382)	3	<10	<5	109	<10	<10	20	0.10	<5	<50	6.6	<1	10	27.3
C66965 (442383)	5	<10	<5	111	<10	<10	28	0.14	<5	<50	12.5	<1	8	37.5
C66966 (442384)	35	<10	<5	247	<10	<10	<5	0.82	<5	<50	245	<1	22	90.7
C66967 (442385)	3	<10	<5	103	<10	<10	17	0.11	<5	<50	14.8	<1	9	21.7
C66968 (442386)	7	<10	<5	139	<10	<10	<5	0.22	<5	<50	18.2	<1	24	39.4
C66969 (442387)	3	<10	<5	75	<10	<10	13	0.12	<5	<50	35.3	<1	5	38.7
C66970 (442388)	6	<10	<5	151	<10	<10	17	0.08	<5	<50	21.8	<1	7	22.8

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T505770

PROJECT: AGAT00739

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 14, 2019

DATE RECEIVED: Aug 15, 2019

DATE REPORTED: Sep 11, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C66899 (442317)				159
C66900 (442318)				126
C66901 (442319)				117
C66902 (442320)				22
C66903 (442321)				12
C66904 (442322)				105
C66905 (442323)				75
C66906 (442324)				80
C66907 (442325)				101
C66908 (442326)				76
C66909 (442327)				52
C66910 (442328)				85
C66911 (442329)				95
C66912 (442330)				<5
C66913 (442331)				87
C66914 (442332)				84
C66915 (442333)				83
C66916 (442334)				70
C66917 (442335)				74
C66918 (442336)				79
C66919 (442337)				19
C66920 (442338)				86
C66921 (442339)				94
C66922 (442340)				91
C66923 (442341)				31
C66924 (442342)				42
C66925 (442343)				42
C66926 (442344)				48
C66927 (442345)				48
C66928 (442346)				44
C66929 (442347)				31
C66930 (442348)				54

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T505770

PROJECT: AGAT00739

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 14, 2019

DATE RECEIVED: Aug 15, 2019

DATE REPORTED: Sep 11, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
C66931 (442349)			44
C66932 (442350)			<5
C66933 (442351)			116
C66934 (442352)			94
C66935 (442353)			140
C66936 (442354)			103
C66937 (442355)			107
C66938 (442356)			103
C66939 (442357)			112
C66940 (442358)			15
C66941 (442359)			6
C66942 (442360)			100
C66943 (442361)			16
C66944 (442362)			7
C66945 (442363)			7
C66946 (442364)			89
C66947 (442365)			36
C66948 (442366)			109
C66949 (442367)			138
C66950 (442368)			77
C66951 (442369)			80
C66952 (442370)			<5
C66953 (442371)			125
C66954 (442372)			29
C66955 (442373)			114
C66956 (442374)			10
C66957 (442375)			46
C66958 (442376)			45
C66959 (442377)			112
C66960 (442378)			112
C66961 (442379)			117
C66962 (442380)			114

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## Certificate of Analysis

AGAT WORK ORDER: 19T505770

PROJECT: AGAT00739

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 14, 2019

DATE RECEIVED: Aug 15, 2019

DATE REPORTED: Sep 11, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
C66963 (442381)	8
C66964 (442382)	26
C66965 (442383)	71
C66966 (442384)	79
C66967 (442385)	43
C66968 (442386)	120
C66969 (442387)	87
C66970 (442388)	57

Comments: RDL - Reported Detection Limit

442317-442388 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T505770

PROJECT: AGAT00739

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 14, 2019

DATE RECEIVED: Aug 15, 2019

DATE REPORTED: Sep 11, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C66899 (442317)			0.014
C66900 (442318)			0.004
C66901 (442319)			0.002
C66902 (442320)			0.002
C66903 (442321)			0.002
C66904 (442322)			0.003
C66905 (442323)			0.005
C66906 (442324)			0.325
C66907 (442325)			0.012
C66908 (442326)			0.030
C66909 (442327)			0.007
C66910 (442328)			0.017
C66911 (442329)			0.009
C66912 (442330)			<0.001
C66913 (442331)			0.006
C66914 (442332)			0.009
C66915 (442333)			0.008
C66916 (442334)			0.008
C66917 (442335)			0.006
C66918 (442336)			0.005
C66919 (442337)			0.002
C66920 (442338)			0.005
C66921 (442339)			0.011
C66922 (442340)			0.004
C66923 (442341)			0.028
C66924 (442342)			0.022
C66925 (442343)			0.050
C66926 (442344)			0.502
C66927 (442345)			0.003
C66928 (442346)			0.050
C66929 (442347)			0.029
C66930 (442348)			0.015

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## Certificate of Analysis

AGAT WORK ORDER: 19T505770

PROJECT: AGAT00739

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 14, 2019

DATE RECEIVED: Aug 15, 2019

DATE REPORTED: Sep 11, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C66931 (442349)			0.091
C66932 (442350)			0.001
C66933 (442351)			0.018
C66934 (442352)			0.054
C66935 (442353)			0.027
C66936 (442354)			0.024
C66937 (442355)			0.051
C66938 (442356)			0.047
C66939 (442357)			0.032
C66940 (442358)			0.002
C66941 (442359)			0.002
C66942 (442360)			0.002
C66943 (442361)			0.001
C66944 (442362)			0.001
C66945 (442363)			0.001
C66946 (442364)			0.352
C66947 (442365)			0.002
C66948 (442366)			0.057
C66949 (442367)			0.068
C66950 (442368)			0.012
C66951 (442369)			0.004
C66952 (442370)			0.001
C66953 (442371)			0.039
C66954 (442372)			0.002
C66955 (442373)			0.017
C66956 (442374)			0.001
C66957 (442375)			0.005
C66958 (442376)			0.004
C66959 (442377)			0.011
C66960 (442378)			0.015
C66961 (442379)			0.024
C66962 (442380)			0.008

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AGAT WORK ORDER: 19T505770

PROJECT: AGAT00739

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 14, 2019

DATE RECEIVED: Aug 15, 2019

DATE REPORTED: Sep 11, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au	ppm	0.001	
C66963 (442381)			0.001	
C66964 (442382)			0.001	
C66965 (442383)			0.002	
C66966 (442384)			0.311	
C66967 (442385)			0.004	
C66968 (442386)			0.008	
C66969 (442387)			0.001	
C66970 (442388)			0.004	

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T505770

PROJECT: AGAT00739

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 14, 2019      DATE RECEIVED: Aug 15, 2019      DATE REPORTED: Sep 11, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
C66900 (442318)		75
C66908 (442326)		87.2
C66916 (442334)		86.9
C66936 (442354)		85.6
C66953 (442371)		83.9

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T505770

PROJECT: AGAT00739

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Aug 14, 2019

DATE RECEIVED: Aug 15, 2019

DATE REPORTED: Sep 11, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL:
C66899 (442317)	85.09

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	442317	0.5	0.5	0.0%	442332	< 0.5	< 0.5	0.0%	442342	< 0.5	< 0.5	0.0%	442357	< 0.5	< 0.5	0.0%
Al	442317	7.08	7.18	1.4%	442332	6.76	6.64	1.8%	442342	5.39	5.38	0.2%	442357	6.48	6.29	3.0%
As	442317	< 1	< 1	0.0%	442332	2	< 1		442342	< 1	< 1	0.0%	442357	< 1	< 1	0.0%
Ba	442317	361	351	2.8%	442332	291	288	1.0%	442342	260	267	2.7%	442357	371	362	2.5%
Be	442317	1.2	1.2	0.0%	442332	1.1	1.1	0.0%	442342	1.8	1.8	0.0%	442357	1.1	1.1	0.0%
Bi	442317	< 1	< 1	0.0%	442332	< 1	< 1	0.0%	442342	< 1	< 1	0.0%	442357	< 1	< 1	0.0%
Ca	442317	1.80	1.97	9.0%	442332	2.78	2.70	2.9%	442342	6.99	6.92	1.0%	442357	1.52	1.47	3.3%
Cd	442317	< 0.5	< 0.5	0.0%	442332	< 0.5	< 0.5	0.0%	442342	< 0.5	< 0.5	0.0%	442357	< 0.5	< 0.5	0.0%
Ce	442317	55	57	3.6%	442332	109	102	6.6%	442342	57	56	1.8%	442357	72	71	1.4%
Co	442317	4.3	5.2	18.9%	442332	2.8	3.1	10.2%	442342	51.9	52.5	1.1%	442357	3.7	3.2	14.5%
Cr	442317	116	153	27.5%	442332	124	144	14.9%	442342	152	138	9.7%	442357	12.4	12.3	0.8%
Cu	442317	11.8	13.0	9.7%	442332	1.50	1.67	10.7%	442342	352	344	2.3%	442357	15.4	14.4	6.7%
Fe	442317	2.41	2.68	10.6%	442332	2.38	2.34	1.7%	442342	11.2	11.1	0.9%	442357	2.47	2.44	1.2%
Ga	442317	17	17	0.0%	442332	16	15	6.5%	442342	20	19	5.1%	442357	16	15	6.5%
In	442317	< 1	< 1	0.0%	442332	< 1	< 1	0.0%	442342	< 1	< 1	0.0%	442357	< 1	< 1	0.0%
K	442317	1.13	1.13	0.0%	442332	0.95	0.93	2.1%	442342	0.930	0.947	1.8%	442357	1.33	1.28	3.8%
La	442317	26	27	3.8%	442332	50	45	10.5%	442342	35	34	2.9%	442357	32	30	6.5%
Li	442317	18	18	0.0%	442332	11	11	0.0%	442342	25	25	0.0%	442357	10	10	0.0%
Mg	442317	0.29	0.36	21.5%	442332	0.47	0.46	2.2%	442342	4.33	4.30	0.7%	442357	0.333	0.323	3.0%
Mn	442317	196	237	18.9%	442332	261	256	1.9%	442342	1750	1750	0.0%	442357	239	234	2.1%
Mo	442317	1.9	2.3	19.0%	442332	2.06	1.72	18.0%	442342	1.6	1.8	11.8%	442357	1.9	2.0	5.1%
Na	442317	3.78	3.77	0.3%	442332	3.89	3.79	2.6%	442342	2.43	2.39	1.7%	442357	3.52	3.40	3.5%
Ni	442317	4.6	5.5	17.8%	442332	6.28	5.93	5.7%	442342	141	141	0.0%	442357	3.87	3.84	0.8%
P	442317	309	342	10.1%	442332	365	366	0.3%	442342	739	724	2.1%	442357	266	259	2.7%
Pb	442317	< 20	< 20	0.0%	442332	< 20	< 20	0.0%	442342	< 20	< 20	0.0%	442357	< 20	< 20	0.0%
Rb	442317	< 50	< 50	0.0%	442332	< 50	< 50	0.0%	442342	< 50	< 50	0.0%	442357	< 50	< 50	0.0%
S	442317	0.07	0.07	0.0%	442332	0.07	0.07	0.0%	442342	0.17	0.17	0.0%	442357	0.094	0.096	2.1%
Sb	442317	< 1	1		442332	< 1	< 1	0.0%	442342	< 1	< 1	0.0%	442357	< 1	< 1	0.0%
Sc	442317	9	10	10.5%	442332	9	9	0.0%	442342	34	33	3.0%	442357	9	9	0.0%
Se	442317	< 10	< 10	0.0%	442332	< 10	< 10	0.0%	442342	< 10	< 10	0.0%	442357	< 10	< 10	0.0%
Sn	442317	< 5	< 5	0.0%	442332	< 5	< 5	0.0%	442342	< 5	< 5	0.0%	442357	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	442317	129	133	3.1%	442332	147	142	3.5%	442342	493	488	1.0%	442357	117	114	2.6%
Ta	442317	< 10	< 10	0.0%	442332	< 10	< 10	0.0%	442342	< 10	< 10	0.0%	442357	< 10	< 10	0.0%
Te	442317	< 10	< 10	0.0%	442332	< 10	< 10	0.0%	442342	< 10	< 10	0.0%	442357	< 10	< 10	0.0%
Th	442317	< 5	< 5	0.0%	442332	9	10	10.5%	442342	< 5	< 5	0.0%	442357	13	12	8.0%
Ti	442317	0.23	0.24	4.3%	442332	0.233	0.223	4.4%	442342	1.22	1.16	5.0%	442357	0.230	0.224	2.6%
Tl	442317	< 5	< 5	0.0%	442332	< 5	< 5	0.0%	442342	< 5	< 5	0.0%	442357	< 5	< 5	0.0%
U	442317	< 50	< 50	0.0%	442332	< 50	< 50	0.0%	442342	< 50	< 50	0.0%	442357	< 50	< 50	0.0%
V	442317	17.3	21.4	21.2%	442332	20.2	20.0	1.0%	442342	254	245	3.6%	442357	20.1	19.3	4.1%
W	442317	< 1	< 1	0.0%	442332	< 1	< 1	0.0%	442342	< 1	< 1	0.0%	442357	< 1	< 1	0.0%
Y	442317	34	34	0.0%	442332	31	30	3.3%	442342	26	25	3.9%	442357	28	28	0.0%
Zn	442317	19.9	21.5	7.7%	442332	21.4	21.9	2.3%	442342	128	128	0.0%	442357	20.9	21.3	1.9%
Zr	442317	159	161	1.3%	442332	84	81	3.6%	442342	42	41	2.4%	442357	112	111	0.9%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	442367	0.5	0.4	22.2%	442382	< 0.5	< 0.5	0.0%								
Al	442367	6.74	6.67	1.0%	442382	7.97	7.89	1.0%								
As	442367	< 1	< 1	0.0%	442382	1	1	0.0%								
Ba	442367	310	294	5.3%	442382	435	424	2.6%								
Be	442367	0.93	0.96	3.2%	442382	1.2	1.2	0.0%								
Bi	442367	< 1	< 1	0.0%	442382	< 1	< 1	0.0%								
Ca	442367	1.55	1.62	4.4%	442382	1.02	1.02	0.0%								
Cd	442367	< 0.5	< 0.5	0.0%	442382	< 0.5	< 0.5	0.0%								
Ce	442367	57	68	17.6%	442382	89	86	3.4%								
Co	442367	4.94	5.23	5.7%	442382	0.5	0.5	0.0%								
Cr	442367	11.3	14.7	26.2%	442382	10.2	9.9	3.0%								
Cu	442367	59.4	75.0	23.2%	442382	0.9	0.8	11.8%								
Fe	442367	2.79	2.80	0.4%	442382	1.33	1.30	2.3%								
Ga	442367	16	17	6.1%	442382	18	18	0.0%								
In	442367	< 1	< 1	0.0%	442382	< 1	< 1	0.0%								
K	442367	0.923	0.875	5.3%	442382	4.49	4.44	1.1%								
La	442367	26	30	14.3%	442382	41	39	5.0%								
Li	442367	21	21	0.0%	442382	11	10	9.5%								
Mg	442367	0.29	0.29	0.0%	442382	0.225	0.216	4.1%								
Mn	442367	201	190	5.6%	442382	230	226	1.8%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	442367	1.81	2.40	28.0%	442382	1.13	1.19	5.2%								
Na	442367	3.53	3.63	2.8%	442382	3.12	3.11	0.3%								
Ni	442367	3.6	3.7	2.7%	442382	1.5	1.5	0.0%								
P	442367	280	306	8.9%	442382	509	516	1.4%								
Pb	442367	< 20	< 20	0.0%	442382	22	24	8.7%								
Rb	442367	< 50	< 50	0.0%	442382	< 50	< 50	0.0%								
S	442367	0.206	0.235	13.2%	442382	0.015	0.014	6.9%								
Sb	442367	< 1	< 1	0.0%	442382	< 1	< 1	0.0%								
Sc	442367	9	9	0.0%	442382	3	3	0.0%								
Se	442367	< 10	< 10	0.0%	442382	< 10	< 10	0.0%								
Sn	442367	< 5	< 5	0.0%	442382	< 5	< 5	0.0%								
Sr	442367	162	174	7.1%	442382	109	108	0.9%								
Ta	442367	< 10	< 10	0.0%	442382	< 10	< 10	0.0%								
Te	442367	< 10	< 10	0.0%	442382	< 10	< 10	0.0%								
Th	442367	< 5	< 5	0.0%	442382	20	20	0.0%								
Ti	442367	0.23	0.24	4.3%	442382	0.10	0.10	0.0%								
Tl	442367	< 5	< 5	0.0%	442382	< 5	< 5	0.0%								
U	442367	< 50	< 50	0.0%	442382	< 50	< 50	0.0%								
V	442367	16.0	16.7	4.3%	442382	6.6	6.6	0.0%								
W	442367	< 1	< 1	0.0%	442382	< 1	< 1	0.0%								
Y	442367	32	35	9.0%	442382	10	10	0.0%								
Zn	442367	22.0	20.8	5.6%	442382	27.3	25.8	5.6%								
Zr	442367	138	129	6.7%	442382	26	21	21.3%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	442317	0.014	0.017	19.4%	442332	0.009	0.006		442342	0.022	0.028	24.0%	442357	0.0317	0.0303	4.5%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	442367	0.068	0.048		442382	0.001	0.001	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP7M)				CRM #3 (ref.WMG-1a)				CRM #4 (ref.1P5R)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag									3.03	3.09	102%	90% - 110%				
Al	10.95	10.85	99%	90% - 110%	8.17	8.31	102%	90% - 110%	4.75	4.9	103%	90% - 110%	10.95	10.96	100%	90% - 110%
As					26	24	91%	90% - 110%								
Ba	340	322	95%	90% - 110%	540	507	94%	90% - 110%	216	206	96%	90% - 110%	340	335	98%	90% - 110%
Be	2.6	2.6	102%	90% - 110%	4.0	3.3	82%	90% - 110%					2.6	2.7	103%	90% - 110%
Ca	5.72	5.59	98%	90% - 110%	0.907	0.862	95%	90% - 110%	10	9	91%	90% - 110%	5.72	5.63	98%	90% - 110%
Ce	122	117	95%	90% - 110%	98	97	99%	90% - 110%					122	122	100%	90% - 110%
Co									191	173	90%	90% - 110%				
Cr	12	11	91%	90% - 110%	60.3	64.9	108%	90% - 110%	670	633	94%	90% - 110%				
Cu					150	149	99%	90% - 110%	7120	7254	102%	90% - 110%				
Fe	4.34	3.98	92%	90% - 110%	3.77	3.53	94%	90% - 110%	12.71	11.58	91%	90% - 110%	4.34	4.1	94%	90% - 110%
Ga	35	35	101%	90% - 110%									35	35	99%	90% - 110%
K	1.37	1.46	107%	90% - 110%					0.1021	0.1102	108%	90% - 110%	1.37	1.49	109%	90% - 110%
La	58	56	97%	90% - 110%	44	44	100%	90% - 110%	8.47	8.3	98%	90% - 110%	58	56	96%	90% - 110%
Li	37	39	104%	90% - 110%	47	47	101%	90% - 110%					37	39	106%	90% - 110%
Mg	0.325	0.298	92%	90% - 110%	1.10	1.08	99%	90% - 110%	7.41	7.57	102%	90% - 110%	0.325	0.302	93%	90% - 110%
Mn					780	737	94%	90% - 110%								
Mo					14	14	98%	90% - 110%								
Na	5.267	5.564	106%	90% - 110%	1.624	1.757	108%	90% - 110%	0.112	0.122	109%	90% - 110%	5.267	5.696	108%	90% - 110%
Ni	9	7	78%	90% - 110%	32	32	100%	90% - 110%	2480	2363	95%	90% - 110%	9	8	86%	90% - 110%
P					750	737	98%	90% - 110%	731	701	96%	90% - 110%				
Pb	10	9	90%	90% - 110%	31	29	94%	90% - 110%					10	9	90%	90% - 110%
Sc	1.1	1	91%	90% - 110%	12	13	108%	90% - 110%	21.33	21.83	102%	90% - 110%	1.1	1	92%	90% - 110%
Sr	1191	1165	98%	90% - 110%	144	152	106%	90% - 110%	39	37	94%	90% - 110%	1191	1169	98%	90% - 110%
Ti	0.172	0.166	96%	90% - 110%	0.53	0.48	91%	90% - 110%	0.419	0.398	95%	90% - 110%	0.172	0.165	96%	90% - 110%
V	8	8	98%	90% - 110%	77	81	105%	90% - 110%	158	170	108%	90% - 110%	8	8	97%	90% - 110%
Y	119	125	105%	90% - 110%					12.67	13.36	105%	90% - 110%	119	127	107%	90% - 110%
Zn	93	93	100%	90% - 110%	130	121	93%	90% - 110%	112	113	101%	90% - 110%	93	94	101%	90% - 110%
Zr									35.7	37.8	106%	90% - 110%				

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GSP5G)				CRM #4 (ref.1P5R)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.52	95%	90% - 110%	0.725	0.765	106%	90% - 110%	0.562	0.595	105%	90% - 110%	1.81	1.67	92%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00739  
 SAMPLING SITE:

AGAT WORK ORDER: 19T505770  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MW-200-12006	BUGBEE, E;A Textbook of Fire Assay	ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00750

AGAT WORK ORDER: 19T507495

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Aug 30, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T507495

PROJECT: AGAT00750

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D73448 (456145)		2.17
D73449 (456146)		2.22
D73450 (456147)		2.12
D73451 (456148)		2.14
D73452 (456149)		0.57
D73453 (456150)		2.27
D73454 (456151)		2.33
D73455 (456152)		1.83
D73456 (456153)		0.89
D73457 (456154)		1.50
D73458 (456155)		1.49
D73459 (456156)		2.12
D73460 (456157)		2.12
D73461 (456158)		2.09
D73462 (456159)		2.02
D73463 (456160)		2.14
D73464 (456161)		1.67
D73465 (456162)		2.14
D73466 (456163)		0.07
D73467 (456164)		1.94
D73468 (456165)		2.37
D73469 (456166)		2.04
D73470 (456167)		2.03
D73471 (456168)		2.45
D73472 (456169)		0.64
D73473 (456170)		2.06
D73474 (456171)		2.19
D73475 (456172)		1.93
D73476 (456173)		2.04
D73477 (456174)		1.91
D73478 (456175)		1.90

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T507495

PROJECT: AGAT00750

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 19, 2019      DATE RECEIVED: Aug 20, 2019      DATE REPORTED: Aug 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D73479 (456176)		2.20
D73480 (456177)		1.65
D73481 (456178)		2.71
D73482 (456179)		1.67
D73483 (456180)		1.21
D73484 (456181)		1.85
D73485 (456182)		3.64
D73486 (456183)		0.07
D73487 (456184)		3.52
D73488 (456185)		3.56
D73489 (456186)		3.71
D73490 (456187)		3.46
D73491 (456188)		3.27
D73492 (456189)		0.55
D73493 (456190)		3.16
D73494 (456191)		3.28
D73495 (456192)		3.32
D73496 (456193)		3.83
D73497 (456194)		3.61
D73498 (456195)		3.60
D73499 (456196)		3.46
D73500 (456197)		1.56
D73501 (456198)		1.27
D73502 (456199)		2.26
D73503 (456200)		2.43
D73504 (456201)		3.55
D73505 (456202)		1.52
D73506 (456203)		0.07
D73507 (456204)		0.92
D73508 (456205)		3.00
D73509 (456206)		2.77

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T507495

PROJECT: AGAT00750

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D73510 (456207)		2.29
D73511 (456208)		2.47
D73512 (456209)		0.59
D73513 (456210)		2.35
D73514 (456211)		2.63
D73515 (456212)		2.42
D73516 (456213)		1.99
D73517 (456214)		1.67
D73518 (456215)		1.71
D73519 (456216)		3.99

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T507495

PROJECT: AGAT00750

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019	DATE RECEIVED: Aug 20, 2019							DATE REPORTED: Aug 30, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D73448 (456145)	<0.5	7.72	1	227	0.8	<1	2.46	<0.5	42	9.6	107	5.5	2.38	21	
D73449 (456146)	<0.5	7.74	<1	201	0.8	<1	2.45	<0.5	43	9.0	98.1	17.5	2.43	20	
D73450 (456147)	<0.5	7.32	3	293	0.8	<1	2.48	<0.5	41	12.9	148	21.6	2.84	19	
D73451 (456148)	<0.5	7.80	<1	699	0.9	<1	2.38	<0.5	39	10.1	129	27.1	2.57	20	
D73452 (456149)	<0.5	0.07	<1	12	<0.5	<1	30.2	<0.5	2	0.8	11.7	<0.5	0.10	7	
D73453 (456150)	<0.5	7.56	<1	772	1.2	<1	2.55	<0.5	34	11.0	101	21.4	3.04	21	
D73454 (456151)	<0.5	7.76	<1	252	0.8	<1	1.82	<0.5	29	12.6	95.5	16.0	2.82	22	
D73455 (456152)	<0.5	7.76	2	251	0.8	<1	1.75	0.7	27	12.6	84.7	24.3	2.87	20	
D73456 (456153)	<0.5	8.92	9	354	1.4	<1	1.59	3.2	31	14.1	55.5	51.9	3.13	25	
D73457 (456154)	<0.5	8.46	<1	265	0.5	<1	2.10	<0.5	25	12.6	86.1	24.9	2.91	23	
D73458 (456155)	<0.5	8.28	<1	268	<0.5	<1	2.05	<0.5	26	12.2	61.0	23.1	2.86	22	
D73459 (456156)	<0.5	8.39	<1	245	0.6	<1	1.64	<0.5	28	12.0	89.5	5.1	2.86	22	
D73460 (456157)	<0.5	8.02	1	338	<0.5	<1	1.57	1.3	26	12.4	87.8	56.3	2.64	21	
D73461 (456158)	<0.5	8.32	2	401	6.2	<1	1.03	<0.5	28	12.0	96.8	<0.5	2.91	22	
D73462 (456159)	<0.5	8.28	<1	348	0.8	<1	1.39	<0.5	28	12.4	90	5.0	2.90	23	
D73463 (456160)	<0.5	8.07	<1	354	0.8	<1	1.58	<0.5	27	13.3	76.1	30.7	2.82	22	
D73464 (456161)	<0.5	8.14	<1	439	0.5	<1	1.92	<0.5	26	12.8	78.8	15.2	2.88	22	
D73465 (456162)	<0.5	8.31	<1	280	0.9	<1	1.57	<0.5	31	10.9	57.3	3.4	2.78	23	
D73466 (456163)	<0.5	6.93	<1	144	<0.5	<1	6.59	<0.5	6	44.4	138	151	7.94	24	
D73467 (456164)	<0.5	7.98	<1	198	1.2	<1	1.46	<0.5	26	11.2	92.7	4.5	2.66	22	
D73468 (456165)	<0.5	7.74	1	217	0.6	<1	0.88	<0.5	28	11.5	86.4	1.9	2.69	21	
D73469 (456166)	<0.5	8.12	<1	354	1.2	<1	1.94	<0.5	44	7.3	118	7.0	2.32	21	
D73470 (456167)	<0.5	7.93	1	441	1.0	<1	1.61	<0.5	50	8.7	68.4	22.2	2.30	23	
D73471 (456168)	<0.5	7.20	<1	463	1.1	<1	1.63	<0.5	66	7.4	77.4	11.4	1.97	23	
D73472 (456169)	<0.5	0.06	1	15	<0.5	<1	31.4	<0.5	2	0.7	8.4	<0.5	0.12	6	
D73473 (456170)	<0.5	7.40	<1	569	1.0	<1	1.53	<0.5	59	7.0	76.7	9.4	1.89	22	
D73474 (456171)	<0.5	7.76	1	492	0.9	<1	1.88	<0.5	59	7.9	79.8	15.8	2.27	22	
D73475 (456172)	<0.5	7.75	<1	510	0.9	<1	1.63	<0.5	41	7.6	69.5	4.1	2.14	21	
D73476 (456173)	<0.5	7.77	<1	591	1.2	<1	1.99	<0.5	46	8.8	85.7	14.4	2.17	22	
D73477 (456174)	<0.5	7.85	<1	626	1.2	<1	1.66	<0.5	42	10.2	116	28.5	2.60	23	
D73478 (456175)	<0.5	7.88	<1	611	1.2	<1	1.71	<0.5	37	9.6	96.2	31.0	2.53	22	
D73479 (456176)	<0.5	7.71	1	683	1.5	<1	2.18	<0.5	43	9.7	97.7	5.5	2.65	22	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T507495

PROJECT: AGAT00750

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019	DATE RECEIVED: Aug 20, 2019							DATE REPORTED: Aug 30, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D73480 (456177)	<0.5	7.81	<1	529	1.2	<1	1.50	<0.5	92	8.3	84.3	31.1	2.42	22	
D73481 (456178)	<0.5	6.90	<1	209	<0.5	<1	5.98	<0.5	9	41.4	84.3	83.3	9.89	24	
D73482 (456179)	<0.5	6.94	<1	155	<0.5	<1	5.71	<0.5	12	38.9	78.2	66.0	10.0	26	
D73483 (456180)	<0.5	7.63	1	388	0.6	<1	2.52	<0.5	33	17.0	66.8	70.5	3.14	23	
D73484 (456181)	<0.5	6.40	<1	278	<0.5	<1	5.31	<0.5	13	41.1	32.3	76.9	10.6	25	
D73485 (456182)	<0.5	6.43	<1	142	<0.5	<1	5.49	<0.5	12	44.9	38.0	79.2	10.7	29	
D73486 (456183)	<0.5	6.98	<1	183	<0.5	<1	6.05	<0.5	19	44.9	171	100	7.51	22	
D73487 (456184)	<0.5	6.66	<1	76	<0.5	<1	5.64	<0.5	12	45.9	25.6	75.4	11.2	30	
D73488 (456185)	<0.5	6.51	<1	150	<0.5	<1	5.68	<0.5	12	43.8	29.1	101	11.2	28	
D73489 (456186)	<0.5	6.57	<1	232	<0.5	<1	5.43	<0.5	13	43.9	29.7	84.1	11.3	26	
D73490 (456187)	<0.5	5.76	<1	527	1.3	<1	7.02	<0.5	234	38.5	42.9	74.5	10.9	24	
D73491 (456188)	<0.5	6.05	<1	331	1.6	<1	5.38	<0.5	73	40.8	33.4	81.6	9.93	26	
D73492 (456189)	<0.5	0.06	2	15	<0.5	<1	31.7	<0.5	2	1.2	7.1	<0.5	0.09	6	
D73493 (456190)	<0.5	5.05	1	471	1.6	<1	6.62	<0.5	416	37.5	52.3	75.0	9.96	20	
D73494 (456191)	<0.5	5.91	<1	304	0.7	<1	5.62	<0.5	89	42.8	40.0	83.9	10.5	26	
D73495 (456192)	<0.5	6.34	<1	273	0.7	<1	5.59	<0.5	73	44.2	48.2	85.8	11.0	28	
D73496 (456193)	<0.5	6.25	<1	201	<0.5	<1	5.40	<0.5	14	42.5	30.2	85.3	10.7	26	
D73497 (456194)	<0.5	6.48	<1	131	0.6	<1	5.29	<0.5	13	43.2	28.2	84.5	11.0	28	
D73498 (456195)	<0.5	6.68	<1	132	0.6	<1	5.31	<0.5	13	44.4	29.3	85.0	11.1	28	
D73499 (456196)	<0.5	6.61	<1	257	<0.5	<1	5.60	<0.5	38	45.9	32.6	97.1	11.2	29	
D73500 (456197)	<0.5	6.30	<1	212	<0.5	<1	5.62	<0.5	13	45.1	30.2	88.5	10.8	23	
D73501 (456198)	<0.5	1.94	25	380	3.0	<1	10.4	<0.5	1030	32.7	90.1	37.3	7.69	9	
D73502 (456199)	<0.5	6.43	<1	498	0.6	<1	5.55	<0.5	15	42.7	28.7	83.4	10.7	23	
D73503 (456200)	<0.5	6.60	<1	129	<0.5	<1	6.11	<0.5	18	44.4	28.5	85.8	11.1	27	
D73504 (456201)	<0.5	6.40	<1	114	<0.5	<1	5.67	<0.5	13	45.0	28.5	79.3	11.0	28	
D73505 (456202)	<0.5	6.40	<1	272	0.8	<1	5.52	<0.5	12	43.8	27.7	81.8	11.1	28	
D73506 (456203)	<0.5	7.35	<1	198	<0.5	<1	6.52	<0.5	20	44.3	143	111	8.08	24	
D73507 (456204)	<0.5	2.81	7	310	1.7	<1	11.0	<0.5	539	30.3	78.4	53.3	8.54	13	
D73508 (456205)	<0.5	6.52	<1	94	0.8	<1	4.82	<0.5	13	45.3	27.6	71.5	11.8	26	
D73509 (456206)	<0.5	6.41	<1	146	0.7	<1	5.30	<0.5	12	41.9	31.4	83.9	10.7	25	
D73510 (456207)	<0.5	6.45	<1	172	0.7	<1	5.19	<0.5	12	43.1	29.2	93.5	11.1	27	
D73511 (456208)	<0.5	6.59	<1	237	1.1	<1	5.77	<0.5	20	38.6	76.6	64.6	9.80	24	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D73512 (456209)		<0.5	0.06	2	13	<0.5	<1	32.8	<0.5	2	1.0	3.9	<0.5	0.11	6
D73513 (456210)		<0.5	6.80	<1	135	0.6	<1	6.38	<0.5	16	35.7	175	60.6	8.89	26
D73514 (456211)		<0.5	7.34	<1	234	<0.5	<1	5.65	<0.5	15	33.5	161	58.8	8.79	25
D73515 (456212)		<0.5	6.38	4	73	1.0	<1	1.99	<0.5	12	1.4	46.3	1.3	0.76	18
D73516 (456213)		<0.5	6.63	2	117	0.9	<1	2.24	<0.5	10	1.1	49.8	4.0	0.48	16
D73517 (456214)		<0.5	7.45	<1	220	0.7	<1	5.43	<0.5	14	34.6	169	80.6	8.53	25
D73518 (456215)		<0.5	7.36	<1	221	0.7	<1	5.23	<0.5	14	35.6	183	69.3	8.26	25
D73519 (456216)		<0.5	7.33	<1	338	<0.5	<1	6.26	<0.5	6	52.3	92.8	118	8.53	25

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DATE SAMPLED: Aug 19, 2019	DATE RECEIVED: Aug 20, 2019					DATE REPORTED: Aug 30, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D73448 (456145)	<1	2.22	21	26	1.60	590	11.8	1.77	17.9	466	42	<50	0.06	<1	
D73449 (456146)	<1	1.96	22	25	1.46	514	11.4	2.09	16.3	432	<20	<50	0.10	<1	
D73450 (456147)	<1	1.77	21	43	2.14	576	10.3	2.52	34.1	516	<20	<50	0.08	<1	
D73451 (456148)	<1	2.19	20	26	1.73	668	14.8	1.69	17.7	499	<20	<50	0.21	<1	
D73452 (456149)	2	<0.01	<2	1	2.62	63	<0.5	0.04	0.8	69	<20	<50	<0.01	3	
D73453 (456150)	<1	2.16	17	33	2.06	637	9.4	2.28	22.4	629	46	<50	0.16	<1	
D73454 (456151)	<1	1.62	15	30	1.95	435	10.3	2.25	21.8	497	30	<50	0.16	<1	
D73455 (456152)	<1	1.70	14	73	1.96	471	9.7	2.51	24.8	434	20	<50	0.13	<1	
D73456 (456153)	<1	2.20	16	38	2.30	577	4.8	2.51	20.3	314	20	<50	0.18	<1	
D73457 (456154)	<1	1.38	13	41	1.73	466	8.4	3.22	20.3	476	<20	<50	0.07	<1	
D73458 (456155)	<1	1.42	13	42	1.74	432	7.9	3.15	20.3	459	<20	<50	0.06	<1	
D73459 (456156)	<1	1.29	14	76	1.88	531	7.6	3.26	19.2	447	<20	<50	0.02	<1	
D73460 (456157)	<1	1.48	13	56	1.85	370	8.4	2.85	19.9	461	28	<50	0.07	<1	
D73461 (456158)	<1	1.50	14	99	2.54	378	7.9	3.13	18.9	528	<20	<50	<0.01	<1	
D73462 (456159)	<1	1.10	14	70	1.79	469	7.1	4.11	20.0	487	<20	<50	0.01	<1	
D73463 (456160)	<1	0.86	14	53	1.46	506	7.7	4.08	20.7	522	<20	<50	0.03	<1	
D73464 (456161)	<1	1.43	13	47	1.61	455	7.4	3.39	20.5	457	<20	<50	0.02	<1	
D73465 (456162)	<1	1.62	15	42	1.30	509	6.8	3.44	18.6	390	<20	<50	0.01	<1	
D73466 (456163)	<1	0.19	5	11	4.10	1350	<0.5	2.19	89.6	385	<20	<50	0.14	<1	
D73467 (456164)	<1	1.47	13	47	2.11	414	7.4	3.28	18.6	437	<20	<50	0.01	<1	
D73468 (456165)	<1	1.76	14	58	2.43	214	7.4	2.43	18.6	455	<20	<50	0.01	<1	
D73469 (456166)	<1	1.65	20	52	1.30	356	8.8	3.20	9.4	497	<20	<50	0.02	<1	
D73470 (456167)	<1	1.54	22	38	0.98	331	9.7	3.57	10.1	607	<20	<50	0.04	<1	
D73471 (456168)	<1	1.40	29	35	0.96	298	9.9	3.05	8.5	537	<20	<50	0.03	<1	
D73472 (456169)	2	0.02	<2	1	3.77	60	<0.5	0.03	<0.5	92	<20	<50	<0.01	<1	
D73473 (456170)	<1	2.01	26	30	1.18	268	10.3	3.08	8.9	566	<20	<50	0.02	<1	
D73474 (456171)	<1	1.56	25	30	1.04	341	9.3	3.28	8.6	697	<20	<50	0.03	<1	
D73475 (456172)	<1	1.80	19	25	1.07	291	10.2	3.31	9.5	417	<20	<50	0.01	<1	
D73476 (456173)	<1	2.33	20	23	0.99	325	9.4	3.20	14.2	452	<20	<50	0.03	<1	
D73477 (456174)	<1	2.14	19	24	1.23	348	10.3	3.22	14.9	482	<20	<50	0.04	<1	
D73478 (456175)	<1	1.74	17	23	1.20	337	9.0	3.42	13.8	454	<20	<50	0.03	<1	
D73479 (456176)	<1	1.89	19	25	1.27	332	9.4	3.13	16.1	499	<20	<50	0.01	<1	

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DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D73480 (456177)	<1	1.64	37	32	1.44	270	10.5	3.83	10.9	818	<20	<50	0.05	<1
D73481 (456178)	<1	0.70	6	19	3.41	1480	2.7	1.66	61.0	418	<20	<50	0.13	<1
D73482 (456179)	<1	0.53	7	16	2.91	1510	2.3	1.93	50.3	732	<20	<50	0.12	<1
D73483 (456180)	<1	0.91	15	24	1.12	349	8.7	3.40	26.4	515	<20	<50	0.21	<1
D73484 (456181)	<1	0.60	7	17	2.51	1490	2.1	1.89	27.9	516	<20	<50	0.24	<1
D73485 (456182)	<1	0.20	7	11	2.40	1540	1.4	2.07	28.6	489	<20	<50	0.13	<1
D73486 (456183)	<1	0.40	11	9	4.03	1270	<0.5	2.14	112	874	<20	<50	0.08	<1
D73487 (456184)	<1	0.23	7	13	2.57	1600	<0.5	2.14	29.2	516	<20	<50	0.13	<1
D73488 (456185)	<1	0.23	7	14	2.54	1610	1.2	2.11	27.5	473	<20	<50	0.18	<1
D73489 (456186)	<1	0.21	7	13	2.60	1510	1.1	2.20	28.9	482	<20	<50	0.14	<1
D73490 (456187)	<1	0.54	106	15	2.91	1860	2.8	2.04	32.0	617	<20	<50	0.15	<1
D73491 (456188)	<1	0.75	29	17	2.47	1440	1.2	2.46	29.1	495	<20	<50	0.14	<1
D73492 (456189)	1	0.01	<2	1	2.50	59	<0.5	0.03	<0.5	73	<20	<50	<0.01	<1
D73493 (456190)	<1	0.72	189	17	3.11	1900	5.1	1.92	31.6	402	<20	<50	0.18	<1
D73494 (456191)	<1	0.51	38	14	2.62	1510	2.7	2.07	30.2	465	<20	<50	0.18	<1
D73495 (456192)	<1	0.28	32	14	2.60	1580	2.6	2.16	29.1	537	<20	<50	0.14	<1
D73496 (456193)	<1	0.23	8	15	2.41	1510	<0.5	2.16	27.4	459	<20	<50	0.14	<1
D73497 (456194)	<1	0.21	7	12	2.42	1570	<0.5	2.40	28.0	466	<20	<50	0.14	<1
D73498 (456195)	<1	0.22	7	12	2.49	1610	0.6	2.47	27.4	509	<20	<50	0.14	<1
D73499 (456196)	<1	0.25	18	12	2.57	1720	<0.5	2.36	29.2	512	<20	<50	0.16	<1
D73500 (456197)	<1	0.32	7	12	2.37	1570	1.2	2.24	28.3	475	<20	<50	0.16	<1
D73501 (456198)	<1	1.49	435	7	3.96	2330	9.0	0.94	53.5	257	<20	<50	0.18	<1
D73502 (456199)	<1	0.51	9	12	2.34	1580	0.9	2.64	26.9	496	<20	<50	0.15	<1
D73503 (456200)	<1	0.36	9	12	2.50	1670	1.0	2.38	29.3	443	<20	<50	0.17	<1
D73504 (456201)	<1	0.27	7	11	2.43	1470	1.1	2.44	29.7	528	<20	<50	0.13	<1
D73505 (456202)	<1	0.42	7	14	2.40	1570	1.1	2.21	28.5	505	<20	<50	0.12	<1
D73506 (456203)	<1	0.43	11	10	4.26	1330	<0.5	2.31	114	879	<20	<50	0.08	<1
D73507 (456204)	<1	1.08	245	10	4.16	2410	4.7	1.09	48.3	1650	<20	<50	0.09	<1
D73508 (456205)	<1	0.83	8	18	2.68	1620	<0.5	2.58	32.0	543	<20	<50	0.14	<1
D73509 (456206)	<1	0.40	7	15	2.52	1800	1.2	2.60	28.8	492	<20	<50	0.15	<1
D73510 (456207)	<1	0.44	7	22	2.64	1830	1.4	2.32	28.1	466	<20	<50	0.15	<1
D73511 (456208)	<1	1.40	9	23	2.82	1620	1.4	1.81	41.4	456	<20	<50	0.08	<1

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019	DATE RECEIVED: Aug 20, 2019		DATE REPORTED: Aug 30, 2019		SAMPLE TYPE: Drill Core									
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
Sample ID (AGAT ID)	RDL:													
D73512 (456209)	3	0.01	<2	1	2.53	65	<0.5	0.03	<0.5	74	<20	<50	<0.01	<1
D73513 (456210)	<1	0.43	6	24	3.76	1590	<0.5	1.63	74.0	678	<20	<50	0.07	<1
D73514 (456211)	<1	0.56	7	32	3.90	1540	1.4	1.99	76.0	749	<20	<50	0.07	<1
D73515 (456212)	<1	2.20	5	7	0.19	227	12.3	2.95	1.7	88	33	<50	<0.01	<1
D73516 (456213)	<1	4.40	4	4	0.18	162	10.9	2.25	2.7	129	47	<50	<0.01	<1
D73517 (456214)	<1	0.44	7	32	3.95	1600	1.7	1.97	82.0	743	<20	<50	0.12	<1
D73518 (456215)	<1	0.44	6	32	3.73	1560	2.0	1.99	81.9	728	25	<50	0.11	<1
D73519 (456216)	<1	0.50	5	20	3.61	1600	1.0	1.75	94.4	397	<20	<50	0.11	<1

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DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D73448 (456145)	6	<10	<5	83	<10	<10	<5	0.24	<5	<50	41.2	<1	8	47.0
D73449 (456146)	6	<10	<5	84	<10	<10	<5	0.24	<5	<50	39.0	<1	8	35.1
D73450 (456147)	7	<10	<5	111	<10	<10	<5	0.28	<5	<50	44.6	<1	8	36.3
D73451 (456148)	7	<10	<5	70	<10	<10	<5	0.25	<5	<50	40.7	14	7	91.0
D73452 (456149)	<1	<10	<5	61	<10	<10	<5	<0.01	<5	<50	0.8	<1	2	4.1
D73453 (456150)	9	<10	<5	111	<10	<10	<5	0.23	<5	<50	51.9	<1	9	206
D73454 (456151)	8	<10	<5	98	<10	<10	<5	0.23	<5	<50	47.7	<1	6	113
D73455 (456152)	9	<10	<5	98	<10	<10	<5	0.21	<5	<50	48.3	<1	5	81.3
D73456 (456153)	11	<10	<5	117	<10	<10	<5	0.24	<5	<50	68.5	<1	6	658
D73457 (456154)	8	<10	<5	124	<10	<10	<5	0.24	<5	<50	52.2	<1	5	79.9
D73458 (456155)	8	<10	<5	122	<10	<10	<5	0.25	<5	<50	52.6	<1	5	80.2
D73459 (456156)	9	<10	<5	145	<10	<10	<5	0.23	<5	<50	52.5	<1	5	53.6
D73460 (456157)	8	<10	<5	143	<10	<10	<5	0.23	<5	<50	51.7	<1	4	115
D73461 (456158)	8	<10	<5	160	<10	<10	<5	0.23	<5	<50	47.7	<1	4	48.8
D73462 (456159)	8	<10	<5	215	<10	<10	<5	0.22	<5	<50	50.2	<1	4	51.2
D73463 (456160)	8	<10	<5	258	<10	<10	<5	0.21	<5	<50	51.9	<1	5	56.4
D73464 (456161)	8	<10	<5	262	<10	<10	<5	0.24	<5	<50	53.1	<1	4	60.1
D73465 (456162)	9	<10	<5	194	<10	<10	<5	0.22	<5	<50	47.0	<1	7	68.9
D73466 (456163)	44	<10	<5	108	<10	<10	<5	0.68	<5	<50	304	<1	22	76.7
D73467 (456164)	8	<10	<5	156	<10	<10	<5	0.21	<5	<50	46.1	<1	5	49.6
D73468 (456165)	7	<10	<5	125	<10	<10	<5	0.22	<5	<50	45.8	<1	4	34.2
D73469 (456166)	5	<10	<5	162	<10	<10	<5	0.22	<5	<50	32.8	<1	7	48.8
D73470 (456167)	5	<10	<5	276	<10	<10	<5	0.23	<5	<50	40.6	<1	6	53.1
D73471 (456168)	4	<10	<5	194	<10	<10	<5	0.18	<5	<50	32.3	<1	7	49.9
D73472 (456169)	<1	<10	<5	65	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	3.3
D73473 (456170)	5	<10	<5	208	<10	<10	<5	0.17	<5	<50	30.9	<1	7	41.1
D73474 (456171)	5	<10	<5	231	<10	<10	<5	0.23	<5	<50	36.7	<1	7	52.4
D73475 (456172)	5	<10	<5	224	<10	<10	<5	0.20	<5	<50	32.6	<1	6	44.0
D73476 (456173)	7	<10	<5	214	<10	<10	<5	0.18	<5	<50	41.5	<1	7	36.9
D73477 (456174)	7	<10	<5	231	<10	<10	<5	0.19	<5	<50	39.7	<1	7	38.3
D73478 (456175)	7	<10	<5	240	<10	<10	<5	0.18	<5	<50	37.0	<1	6	38.9
D73479 (456176)	8	<10	<5	179	<10	<10	<5	0.20	<5	<50	41.3	<1	7	36.9

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T507495

PROJECT: AGAT00750

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019	DATE RECEIVED: Aug 20, 2019					DATE REPORTED: Aug 30, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D73480 (456177)	5	<10	<5	262	<10	<10	<5	0.22	<5	<50	40.6	<1	9	291	
D73481 (456178)	41	<10	<5	127	<10	<10	<5	0.78	<5	<50	306	<1	27	116	
D73482 (456179)	41	<10	<5	150	<10	<10	<5	0.85	<5	<50	229	<1	36	103	
D73483 (456180)	9	<10	<5	237	<10	<10	<5	0.26	<5	<50	63.8	<1	8	112	
D73484 (456181)	40	<10	<5	165	<10	<10	<5	0.97	<5	<50	391	<1	34	128	
D73485 (456182)	43	<10	<5	140	<10	<10	<5	0.99	<5	<50	422	<1	36	118	
D73486 (456183)	33	<10	<5	229	<10	<10	<5	0.84	<5	<50	237	<1	22	85.5	
D73487 (456184)	45	<10	<5	145	<10	<10	<5	1.04	<5	<50	432	<1	38	120	
D73488 (456185)	42	<10	<5	125	<10	<10	<5	1.00	<5	<50	406	<1	36	129	
D73489 (456186)	44	<10	<5	153	<10	<10	<5	1.01	<5	<50	417	<1	36	115	
D73490 (456187)	45	<10	<5	318	<10	<10	<5	0.84	<5	<50	356	<1	35	127	
D73491 (456188)	44	<10	<5	150	<10	<10	<5	0.78	<5	<50	381	<1	31	92.6	
D73492 (456189)	<1	<10	<5	65	<10	<10	<5	<0.01	<5	<50	2.1	1	2	3.5	
D73493 (456190)	41	<10	<5	359	<10	<10	43	0.65	<5	<50	324	<1	32	76.6	
D73494 (456191)	43	<10	<5	183	<10	<10	<5	0.90	<5	<50	392	<1	35	114	
D73495 (456192)	44	<10	<5	154	<10	<10	<5	0.97	<5	<50	405	<1	40	179	
D73496 (456193)	42	<10	<5	124	<10	<10	<5	0.82	<5	<50	370	<1	35	122	
D73497 (456194)	42	<10	<5	104	<10	<10	<5	0.86	<5	<50	386	<1	36	118	
D73498 (456195)	44	<10	<5	104	<10	<10	<5	0.96	<5	<50	418	<1	38	118	
D73499 (456196)	44	<10	<5	123	<10	<10	<5	0.87	<5	<50	400	<1	38	125	
D73500 (456197)	43	<10	<5	87	<10	<10	<5	0.94	<5	<50	416	<1	35	114	
D73501 (456198)	41	<10	<5	860	<10	<10	220	0.30	<5	<50	198	<1	31	95.6	
D73502 (456199)	42	<10	<5	117	<10	<10	<5	0.93	<5	<50	393	<1	35	124	
D73503 (456200)	43	<10	<5	120	<10	<10	<5	0.91	<5	<50	406	<1	36	123	
D73504 (456201)	44	<10	<5	114	<10	11	<5	0.98	<5	<50	422	<1	38	112	
D73505 (456202)	43	<10	<5	139	<10	<10	<5	0.90	<5	<50	409	<1	38	117	
D73506 (456203)	34	<10	<5	248	<10	<10	<5	0.89	<5	<50	242	<1	22	90.9	
D73507 (456204)	45	<10	<5	701	<10	<10	85	0.26	<5	<50	220	<1	34	104	
D73508 (456205)	45	<10	<5	142	<10	<10	<5	0.99	<5	<50	397	<1	33	108	
D73509 (456206)	41	<10	<5	119	<10	<10	<5	0.92	<5	<50	383	<1	35	111	
D73510 (456207)	42	<10	<5	113	<10	<10	<5	0.95	<5	<50	401	<1	37	117	
D73511 (456208)	44	<10	<5	162	<10	<10	<5	0.85	<5	<50	338	<1	32	104	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T507495

PROJECT: AGAT00750

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	
D73512 (456209)		<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.5	<1	2	4.4
D73513 (456210)		35	<10	<5	114	<10	<10	<5	0.33	<5	<50	148	<1	38	86.0
D73514 (456211)		34	<10	<5	95	<10	<10	<5	0.82	<5	<50	198	<1	38	90.2
D73515 (456212)		2	<10	<5	33	<10	<10	<5	0.03	<5	<50	4.2	<1	6	11.9
D73516 (456213)		2	<10	<5	38	<10	<10	<5	0.02	<5	<50	4.5	<1	7	6.9
D73517 (456214)		34	<10	<5	135	<10	<10	<5	0.86	<5	<50	205	<1	38	218
D73518 (456215)		36	<10	<5	139	<10	<10	<5	0.85	<5	<50	215	<1	40	196
D73519 (456216)		44	<10	<5	190	<10	<10	<5	0.77	<5	<50	331	<1	24	112

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T507495

PROJECT: AGAT00750

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D73448 (456145)			98
D73449 (456146)			96
D73450 (456147)			97
D73451 (456148)			89
D73452 (456149)			<5
D73453 (456150)			83
D73454 (456151)			78
D73455 (456152)			68
D73456 (456153)			62
D73457 (456154)			66
D73458 (456155)			65
D73459 (456156)			45
D73460 (456157)			39
D73461 (456158)			26
D73462 (456159)			35
D73463 (456160)			69
D73464 (456161)			77
D73465 (456162)			93
D73466 (456163)			51
D73467 (456164)			55
D73468 (456165)			15
D73469 (456166)			65
D73470 (456167)			59
D73471 (456168)			76
D73472 (456169)			<5
D73473 (456170)			58
D73474 (456171)			61
D73475 (456172)			58
D73476 (456173)			64
D73477 (456174)			66
D73478 (456175)			62
D73479 (456176)			50

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T507495

PROJECT: AGAT00750

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019      DATE RECEIVED: Aug 20, 2019      DATE REPORTED: Aug 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D73480 (456177)				31
D73481 (456178)				19
D73482 (456179)				20
D73483 (456180)				99
D73484 (456181)				20
D73485 (456182)				21
D73486 (456183)				87
D73487 (456184)				19
D73488 (456185)				17
D73489 (456186)				19
D73490 (456187)				17
D73491 (456188)				23
D73492 (456189)				<5
D73493 (456190)				19
D73494 (456191)				17
D73495 (456192)				23
D73496 (456193)				17
D73497 (456194)				20
D73498 (456195)				25
D73499 (456196)				20
D73500 (456197)				19
D73501 (456198)				26
D73502 (456199)				21
D73503 (456200)				21
D73504 (456201)				19
D73505 (456202)				21
D73506 (456203)				89
D73507 (456204)				10
D73508 (456205)				24
D73509 (456206)				20
D73510 (456207)				22
D73511 (456208)				24

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## Certificate of Analysis

AGAT WORK ORDER: 19T507495

PROJECT: AGAT00750

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D73512 (456209)	<5
D73513 (456210)	15
D73514 (456211)	28
D73515 (456212)	12
D73516 (456213)	19
D73517 (456214)	23
D73518 (456215)	24
D73519 (456216)	13

Comments: RDL - Reported Detection Limit

456145-456216 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T507495

PROJECT: AGAT00750

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D73448 (456145)			0.008
D73449 (456146)			0.003
D73450 (456147)			0.001
D73451 (456148)			0.007
D73452 (456149)			<0.001
D73453 (456150)			0.002
D73454 (456151)			0.001
D73455 (456152)			0.014
D73456 (456153)			0.002
D73457 (456154)			<0.001
D73458 (456155)			<0.001
D73459 (456156)			<0.001
D73460 (456157)			0.002
D73461 (456158)			0.001
D73462 (456159)			0.001
D73463 (456160)			0.001
D73464 (456161)			0.001
D73465 (456162)			0.003
D73466 (456163)			0.509
D73467 (456164)			0.001
D73468 (456165)			0.002
D73469 (456166)			0.002
D73470 (456167)			0.003
D73471 (456168)			0.004
D73472 (456169)			<0.001
D73473 (456170)			0.002
D73474 (456171)			0.007
D73475 (456172)			0.004
D73476 (456173)			0.005
D73477 (456174)			0.002
D73478 (456175)			0.003
D73479 (456176)			0.002

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## Certificate of Analysis

AGAT WORK ORDER: 19T507495

PROJECT: AGAT00750

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 19, 2019      DATE RECEIVED: Aug 20, 2019      DATE REPORTED: Aug 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D73480 (456177)		0.002	
D73481 (456178)		0.008	
D73482 (456179)		0.004	
D73483 (456180)		0.546	
D73484 (456181)		0.006	
D73485 (456182)		0.002	
D73486 (456183)		0.326	
D73487 (456184)		0.002	
D73488 (456185)		0.001	
D73489 (456186)		0.001	
D73490 (456187)		0.002	
D73491 (456188)		<0.001	
D73492 (456189)		0.001	
D73493 (456190)		0.002	
D73494 (456191)		0.002	
D73495 (456192)		0.001	
D73496 (456193)		0.001	
D73497 (456194)		<0.001	
D73498 (456195)		<0.001	
D73499 (456196)		0.001	
D73500 (456197)		0.002	
D73501 (456198)		0.005	
D73502 (456199)		0.001	
D73503 (456200)		0.002	
D73504 (456201)		0.001	
D73505 (456202)		0.001	
D73506 (456203)		0.333	
D73507 (456204)		0.002	
D73508 (456205)		0.003	
D73509 (456206)		0.001	
D73510 (456207)		0.002	
D73511 (456208)		0.002	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T507495

PROJECT: AGAT00750

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 19, 2019      DATE RECEIVED: Aug 20, 2019      DATE REPORTED: Aug 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D73512 (456209)			<0.001
D73513 (456210)			0.002
D73514 (456211)			0.001
D73515 (456212)			<0.001
D73516 (456213)			0.001
D73517 (456214)			0.003
D73518 (456215)			0.005
D73519 (456216)			0.002

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T507495

PROJECT: AGAT00750

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Aug 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D73448 (456145)		79.57
D73467 (456164)		78.71
D73487 (456184)		79.09
D73507 (456204)		91.91

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	456145	< 0.5	< 0.5	0.0%	456159	< 0.5	< 0.5	0.0%	456170	< 0.5	< 0.5	0.0%	456184	< 0.5	< 0.5	0.0%
Al	456145	7.72	7.88	2.1%	456159	8.28	8.00	3.4%	456170	7.40	7.86	6.0%	456184	6.66	6.87	3.1%
As	456145	1	< 1		456159	< 1	< 1	0.0%	456170	< 1	2		456184	< 1	< 1	0.0%
Ba	456145	227	207	9.2%	456159	348	337	3.2%	456170	569	652	13.6%	456184	76	79	3.9%
Be	456145	0.8	0.8	0.0%	456159	0.79	0.72	9.3%	456170	1.04	1.10	5.6%	456184	< 0.5	< 0.5	0.0%
Bi	456145	< 1	< 1	0.0%	456159	< 1	< 1	0.0%	456170	< 1	< 1	0.0%	456184	< 1	< 1	0.0%
Ca	456145	2.46	2.46	0.0%	456159	1.39	1.34	3.7%	456170	1.53	1.59	3.8%	456184	5.64	5.76	2.1%
Cd	456145	< 0.5	< 0.5	0.0%	456159	< 0.5	< 0.5	0.0%	456170	< 0.5	< 0.5	0.0%	456184	< 0.5	< 0.5	0.0%
Ce	456145	42	39	7.4%	456159	28	28	0.0%	456170	59	62	5.0%	456184	12	12	0.0%
Co	456145	9.63	10.1	4.8%	456159	12.4	12.1	2.4%	456170	7.0	6.7	4.4%	456184	45.9	44.8	2.4%
Cr	456145	107	112	4.6%	456159	90	81.3	10.2%	456170	76.7	87.7	13.4%	456184	25.6	25.4	0.8%
Cu	456145	5.46	4.73	14.3%	456159	5.0	4.1	19.8%	456170	9.4	9.1	3.2%	456184	75.4	78.5	4.0%
Fe	456145	2.38	2.31	3.0%	456159	2.90	2.80	3.5%	456170	1.89	2.02	6.6%	456184	11.2	11.4	1.8%
Ga	456145	21	22	4.7%	456159	23	22	4.4%	456170	22	21	4.7%	456184	30	29	3.4%
In	456145	< 1	< 1	0.0%	456159	< 1	< 1	0.0%	456170	< 1	< 1	0.0%	456184	< 1	< 1	0.0%
K	456145	2.22	2.17	2.3%	456159	1.10	1.06	3.7%	456170	2.01	2.17	7.7%	456184	0.23	0.23	0.0%
La	456145	21	20	4.9%	456159	14	14	0.0%	456170	26	27	3.8%	456184	7	7	0.0%
Li	456145	26	26	0.0%	456159	70	68	2.9%	456170	30	32	6.5%	456184	13	13	0.0%
Mg	456145	1.60	1.57	1.9%	456159	1.79	1.73	3.4%	456170	1.18	1.25	5.8%	456184	2.57	2.62	1.9%
Mn	456145	590	586	0.7%	456159	469	450	4.1%	456170	268	286	6.5%	456184	1600	1640	2.5%
Mo	456145	11.8	12.6	6.6%	456159	7.1	7.0	1.4%	456170	10.3	11.7	12.7%	456184	< 0.5	0.8	
Na	456145	1.77	1.84	3.9%	456159	4.11	3.90	5.2%	456170	3.08	3.29	6.6%	456184	2.14	2.21	3.2%
Ni	456145	17.9	16.9	5.7%	456159	20.0	19.3	3.6%	456170	8.86	8.57	3.3%	456184	29.2	28.7	1.7%
P	456145	466	446	4.4%	456159	487	473	2.9%	456170	566	565	0.2%	456184	516	519	0.6%
Pb	456145	42	45	6.9%	456159	< 20	< 20	0.0%	456170	< 20	< 20	0.0%	456184	< 20	< 20	0.0%
Rb	456145	< 50	< 50	0.0%	456159	< 50	< 50	0.0%	456170	< 50	< 50	0.0%	456184	< 50	< 50	0.0%
S	456145	0.06	0.05	18.2%	456159	0.01	0.01	0.0%	456170	0.02	0.02	0.0%	456184	0.131	0.136	3.7%
Sb	456145	< 1	< 1	0.0%	456159	< 1	< 1	0.0%	456170	< 1	< 1	0.0%	456184	< 1	< 1	0.0%
Sc	456145	6	6	0.0%	456159	8	8	0.0%	456170	5	5	0.0%	456184	45	45	0.0%
Se	456145	< 10	< 10	0.0%	456159	< 10	< 10	0.0%	456170	< 10	< 10	0.0%	456184	< 10	< 10	0.0%
Sn	456145	< 5	< 5	0.0%	456159	< 5	< 5	0.0%	456170	< 5	< 5	0.0%	456184	< 5	< 5	0.0%





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	456145	83	85	2.4%	456159	215	206	4.3%	456170	208	223	7.0%	456184	145	150	3.4%
Ta	456145	< 10	< 10	0.0%	456159	< 10	< 10	0.0%	456170	< 10	< 10	0.0%	456184	< 10	< 10	0.0%
Te	456145	< 10	< 10	0.0%	456159	< 10	< 10	0.0%	456170	< 10	< 10	0.0%	456184	< 10	< 10	0.0%
Th	456145	< 5	< 5	0.0%	456159	< 5	< 5	0.0%	456170	< 5	< 5	0.0%	456184	< 5	< 5	0.0%
Ti	456145	0.24	0.24	0.0%	456159	0.221	0.211	4.6%	456170	0.171	0.181	5.7%	456184	1.04	1.06	1.9%
Tl	456145	< 5	< 5	0.0%	456159	< 5	< 5	0.0%	456170	< 5	< 5	0.0%	456184	< 5	< 5	0.0%
U	456145	< 50	< 50	0.0%	456159	< 50	< 50	0.0%	456170	< 50	< 50	0.0%	456184	< 50	< 50	0.0%
V	456145	41.2	42.2	2.4%	456159	50.2	48.1	4.3%	456170	30.9	29.1	6.0%	456184	432	435	0.7%
W	456145	< 1	< 1	0.0%	456159	< 1	< 1	0.0%	456170	< 1	< 1	0.0%	456184	< 1	< 1	0.0%
Y	456145	8	8	0.0%	456159	4	5	22.2%	456170	7	7	0.0%	456184	38	38	0.0%
Zn	456145	47.0	44.3	5.9%	456159	51.2	49.3	3.8%	456170	41.1	43.3	5.2%	456184	120	121	0.8%
Zr	456145	98	95	3.1%	456159	35	34	2.9%	456170	58	51	12.8%	456184	19	18	5.4%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	456195	< 0.5	< 0.5	0.0%	456209	< 0.5	< 0.5	0.0%								
Al	456195	6.68	6.79	1.6%	456209	0.06	0.06	0.0%								
As	456195	< 1	< 1	0.0%	456209	2	< 1									
Ba	456195	132	134	1.5%	456209	13	13	0.0%								
Be	456195	0.6	0.6	0.0%	456209	< 0.5	< 0.5	0.0%								
Bi	456195	< 1	< 1	0.0%	456209	< 1	< 1	0.0%								
Ca	456195	5.31	5.37	1.1%	456209	32.8	31.8	3.1%								
Cd	456195	< 0.5	< 0.5	0.0%	456209	< 0.5	< 0.5	0.0%								
Ce	456195	13	12	8.0%	456209	2	2	0.0%								
Co	456195	44.4	42.7	3.9%	456209	1.05	1.39	27.9%								
Cr	456195	29.3	26.3	10.8%	456209	3.9	3.2	19.7%								
Cu	456195	85.0	87.3	2.7%	456209	< 0.5	< 0.5	0.0%								
Fe	456195	11.1	11.1	0.0%	456209	0.11	0.11	0.0%								
Ga	456195	28	28	0.0%	456209	6	6	0.0%								
In	456195	< 1	< 1	0.0%	456209	3	2									
K	456195	0.22	0.22	0.0%	456209	0.01	< 0.01									
La	456195	7	7	0.0%	456209	< 2	< 2	0.0%								
Li	456195	12	12	0.0%	456209	1	< 1									
Mg	456195	2.49	2.56	2.8%	456209	2.53	2.45	3.2%								
Mn	456195	1610	1650	2.5%	456209	65	65	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

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Mo	456195	0.6	0.7	15.4%	456209	< 0.5	< 0.5	0.0%								
Na	456195	2.47	2.48	0.4%	456209	0.03	0.03	0.0%								
Ni	456195	27.4	27.4	0.0%	456209	< 0.5	< 0.5	0.0%								
P	456195	509	498	2.2%	456209	74	63	16.1%								
Pb	456195	< 20	< 20	0.0%	456209	< 20	< 20	0.0%								
Rb	456195	< 50	< 50	0.0%	456209	< 50	< 50	0.0%								
S	456195	0.14	0.14	0.0%	456209	< 0.01	< 0.01	0.0%								
Sb	456195	< 1	< 1	0.0%	456209	< 1	1									
Sc	456195	44	43	2.3%	456209	< 1	< 1	0.0%								
Se	456195	< 10	< 10	0.0%	456209	< 10	< 10	0.0%								
Sn	456195	< 5	< 5	0.0%	456209	< 5	< 5	0.0%								
Sr	456195	104	105	1.0%	456209	70	67	4.4%								
Ta	456195	< 10	< 10	0.0%	456209	< 10	< 10	0.0%								
Te	456195	9	11	20.0%	456209	< 10	< 10	0.0%								
Th	456195	< 5	< 5	0.0%	456209	< 5	< 5	0.0%								
Ti	456195	0.96	0.97	1.0%	456209	< 0.01	< 0.01	0.0%								
Tl	456195	< 5	< 5	0.0%	456209	< 5	< 5	0.0%								
U	456195	< 50	< 50	0.0%	456209	< 50	< 50	0.0%								
V	456195	418	411	1.7%	456209	1.5	1.7	12.5%								
W	456195	< 1	< 1	0.0%	456209	< 1	2									
Y	456195	38	37	2.7%	456209	2	2	0.0%								
Zn	456195	118	122	3.3%	456209	4.35	3.87	11.7%								
Zr	456195	25	26	3.9%	456209	< 5	< 5	0.0%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	456145	0.0077	0.0071	8.1%	456159	0.001	0.001	0.0%	456170	0.002	0.002	0.0%	456184	0.002	0.001	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	456195	< 0.001	< 0.001	0.0%	456209	< 0.001	< 0.001	0.0%								

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GS5W)				CRM #3 (ref.GSP5G)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	3.16	104%	90% - 110%
Al	10.95	10.66	97%	90% - 110%	8.17	7.94	97%	90% - 110%	6.96	6.67	96%	90% - 110%	4.75	4.68	99%	90% - 110%
As					26	26	99%	90% - 110%	124	120	97%	90% - 110%				
Ba	340	341	100%	90% - 110%	540	515	95%	90% - 110%	186	184	99%	90% - 110%	216	226	105%	90% - 110%
Be	2.6	2.5	96%	90% - 110%	4.0	2.9	73%	90% - 110%								
Ca	5.72	5.32	93%	90% - 110%	0.907	0.854	94%	90% - 110%	4.01	3.84	96%	90% - 110%	10	9	93%	90% - 110%
Ce	122	123	100%	90% - 110%	98	100	102%	90% - 110%	24	24	99%	90% - 110%				
Co	2.8	2.2	79%	90% - 110%					22.1	22	99%	90% - 110%	191	182	95%	90% - 110%
Cr					60.3	58.1	96%	90% - 110%					670	514	77%	90% - 110%
Cu					150	150	100%	90% - 110%	88.6	85.8	97%	90% - 110%	7120	7153	100%	90% - 110%
Fe	4.34	4.06	94%	90% - 110%	3.77	3.63	96%	90% - 110%	7.56	7.4	98%	90% - 110%	12.71	12.12	95%	90% - 110%
Ga	35	35	100%	90% - 110%												
K	1.37	1.37	100%	90% - 110%					2.021	1.952	97%	90% - 110%	0.1021	0.1018	100%	90% - 110%
La	58	53	91%	90% - 110%	44	41	94%	90% - 110%					8.47	9.91	117%	90% - 110%
Li	37	38	103%	90% - 110%	47	45	96%	90% - 110%								
Mg	0.325	0.296	91%	90% - 110%	1.10	1.05	95%	90% - 110%	2.412	2.338	97%	90% - 110%	7.41	7.12	96%	90% - 110%
Mn					780	735	94%	90% - 110%	1510	1413	94%	90% - 110%				
Mo					14	13	93%	90% - 110%								
Na	5.267	5.258	100%	90% - 110%	1.624	1.602	99%	90% - 110%	0.617	0.604	98%	90% - 110%	0.112	0.113	101%	90% - 110%
Ni					32	31	97%	90% - 110%	77.1	73.9	96%	90% - 110%	2480	2266	91%	90% - 110%
P					750	701	93%	90% - 110%	892	880	99%	90% - 110%	731	705	96%	90% - 110%
Pb					31	22	70%	90% - 110%								
S									0.348	0.315	90%	90% - 110%				
Sc	1.1	0.8	75%	90% - 110%	12	11	96%	90% - 110%					21.33	21.26	100%	90% - 110%
Sr	1191	1137	95%	90% - 110%	144	143	99%	90% - 110%	92.8	86.8	94%	90% - 110%	39	37	94%	90% - 110%
Ti	0.172	0.171	99%	90% - 110%	0.53	0.48	90%	90% - 110%					0.419	0.414	99%	90% - 110%
V	8	6	72%	90% - 110%	77	73	95%	90% - 110%					158	157	100%	90% - 110%
Y	119	116	97%	90% - 110%									12.67	13.08	103%	90% - 110%
Zn	93	88	94%	90% - 110%	130	121	93%	90% - 110%	208	207	100%	90% - 110%	112	108	97%	90% - 110%
Zr													35.7	35.2	99%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GS5W)				CRM #3 (ref.GSP5G)				CRM #4 (ref.GSP7M)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	7.18	105%	90% - 110%	5.27	5.42	103%	90% - 110%	0.562	0.643	115%	90% - 110%	0.725	0.805	111%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00750  
 SAMPLING SITE:

AGAT WORK ORDER: 19T507495  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00751

AGAT WORK ORDER: 19T507501

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 11, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T507501

PROJECT: AGAT00751

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 19, 2019      DATE RECEIVED: Aug 20, 2019      DATE REPORTED: Sep 11, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
B61951 (456281)		2.42
B61952 (456282)		0.65
B61953 (456283)		3.07
B61954 (456284)		2.91
B61955 (456285)		3.45
B61956 (456286)		3.43
B61957 (456287)		3.33
B61958 (456288)		3.33
B61959 (456289)		3.41
B61960 (456290)		3.57
B61961 (456291)		3.13
B61962 (456292)		3.36
B61963 (456293)		3.42
B61964 (456294)		3.37
B61965 (456295)		3.44
B61966 (456296)		0.06
B61967 (456297)		3.22
B61968 (456298)		3.32
B61969 (456299)		2.79
B61970 (456300)		3.18
B61971 (456301)		2.69
B61972 (456302)		0.62
B61973 (456303)		2.95
B61974 (456304)		2.93
B61975 (456305)		3.44
B61976 (456306)		3.23
B61977 (456307)		2.64
B61978 (456308)		2.63
B61979 (456309)		3.33
B61980 (456310)		3.51
B61981 (456311)		3.38

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T507501

PROJECT: AGAT00751

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Sep 11, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
B61982 (456312)		3.41
B61983 (456313)		3.36
B61984 (456314)		3.43
B61985 (456315)		2.65
B61986 (456316)		0.07
B61987 (456317)		1.54
B61988 (456318)		3.51
B61989 (456319)		3.21
B61990 (456320)		3.07
B61991 (456321)		3.07
B61992 (456322)		0.67
B61993 (456323)		2.89
B61994 (456324)		3.05
B61995 (456325)		3.07
B61996 (456326)		3.07
B61997 (456327)		1.48
B61998 (456328)		1.49
B61999 (456329)		2.75
B62000 (456330)		1.88
B74001 (456331)		1.33
B74002 (456332)		3.24
B74003 (456333)		3.22
B74004 (456334)		2.34
B74005 (456335)		2.40
B74006 (456336)		0.07
B74007 (456337)		0.80
B74008 (456338)		2.42
B74009 (456339)		1.21
B74010 (456340)		2.30
B74011 (456341)		2.17
B74012 (456342)		0.64

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T507501

PROJECT: AGAT00751

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Sep 11, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
B74013 (456343)		0.93
B74014 (456344)		1.91
B74015 (456345)		1.40
B74016 (456346)		1.44
B74017 (456347)		3.20
B74018 (456348)		3.20
B74019 (456349)		2.98
B74020 (456350)		3.01
B74021 (456351)		3.09
B74022 (456352)		3.08

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T507501

PROJECT: AGAT00751

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Sep 11, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
B61951 (456281)		<0.5	7.47	<1	301	1.2	<1	4.29	<0.5	20	16.9	179	18.4	7.84	23
B61952 (456282)		<0.5	0.15	<1	17	<0.5	<1	30.9	<0.5	<1	0.7	14.6	<0.5	0.17	<5
B61953 (456283)		<0.5	6.40	<1	155	0.7	<1	3.73	<0.5	19	16.6	123	18.2	12.0	27
B61954 (456284)		<0.5	6.96	6	271	1.1	<1	6.66	1.5	4	38.3	157	135	7.87	19
B61955 (456285)		<0.5	7.27	<1	225	0.5	<1	5.65	0.6	<1	57.8	137	93.3	7.78	21
B61956 (456286)		<0.5	7.24	<1	173	0.5	<1	6.54	<0.5	<1	44.9	108	109	10.1	21
B61957 (456287)		<0.5	7.24	<1	210	<0.5	<1	6.10	<0.5	<1	45.3	115	93.4	9.68	21
B61958 (456288)		<0.5	7.15	<1	212	<0.5	<1	6.02	<0.5	<1	46.4	122	89.7	9.56	22
B61959 (456289)		<0.5	8.44	<1	283	<0.5	<1	7.03	<0.5	<1	47.2	265	102	8.45	19
B61960 (456290)		<0.5	7.34	<1	310	1.0	<1	7.35	<0.5	14	44.9	234	173	9.01	17
B61961 (456291)		<0.5	7.93	<1	142	0.6	<1	7.55	<0.5	8	40.4	228	111	7.08	14
B61962 (456292)		<0.5	7.99	<1	139	<0.5	<1	7.68	<0.5	8	40.7	224	115	7.25	15
B61963 (456293)		<0.5	6.83	<1	149	0.8	<1	5.93	<0.5	1	40.8	165	103	9.97	19
B61964 (456294)		<0.5	6.90	<1	365	0.5	<1	5.16	<0.5	2	38.3	85.6	105	11.4	23
B61965 (456295)		<0.5	7.35	<1	341	0.5	<1	5.66	<0.5	<1	38.8	101	80.3	11.3	23
B61966 (456296)		<0.5	7.53	<1	184	<0.5	<1	6.21	<0.5	15	37.8	204	104	7.56	18
B61967 (456297)		<0.5	7.35	<1	305	0.5	<1	6.70	<0.5	<1	37.2	110	117	9.28	19
B61968 (456298)		<0.5	6.84	<1	222	0.8	<1	5.46	<0.5	132	35.8	78.9	75.8	9.38	20
B61969 (456299)		<0.5	7.27	<1	343	0.8	<1	6.53	<0.5	23	35.7	87.4	111	8.54	18
B61970 (456300)		<0.5	7.69	<1	246	<0.5	<1	6.33	<0.5	<1	39.3	177	124	8.19	17
B61971 (456301)		<0.5	7.42	<1	200	<0.5	<1	6.29	<0.5	<1	38.3	120	96.3	10.7	19
B61972 (456302)		<0.5	0.09	<1	13	<0.5	<1	33.0	<0.5	<1	0.9	9.3	<0.5	0.12	<5
B61973 (456303)		<0.5	7.33	<1	128	0.5	<1	6.00	<0.5	<1	40.7	110	105	12.5	25
B61974 (456304)		<0.5	8.63	<1	267	<0.5	<1	6.26	<0.5	<1	39.0	201	109	7.66	20
B61975 (456305)		<0.5	7.94	<1	200	<0.5	<1	5.09	<0.5	52	38.1	168	167	8.34	21
B61976 (456306)		<0.5	8.38	13	261	<0.5	<1	5.99	0.8	<1	54.2	135	112	9.66	21
B61977 (456307)		<0.5	7.45	<1	245	<0.5	<1	5.45	0.5	<1	44.9	177	146	10.1	19
B61978 (456308)		<0.5	7.11	<1	238	0.6	<1	5.48	0.7	<1	43.6	193	140	10.2	25
B61979 (456309)		<0.5	7.94	11	181	0.6	<1	5.61	0.6	<1	46.4	210	77.7	9.97	27
B61980 (456310)		<0.5	6.89	<1	123	0.6	<1	6.27	<0.5	<1	47.3	84.2	95.4	12.1	31
B61981 (456311)		<0.5	6.81	<1	148	1.3	<1	6.62	<0.5	20	36.1	131	72.4	9.96	20
B61982 (456312)		<0.5	7.31	<1	167	0.9	<1	6.50	<0.5	3	38.1	158	82.7	8.89	18

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T507501

PROJECT: AGAT00751

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019	DATE RECEIVED: Aug 20, 2019							DATE REPORTED: Sep 11, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
B61983 (456313)	<0.5	7.86	<1	102	0.9	<1	7.02	<0.5	<1	42.3	145	99.3	9.64	20	
B61984 (456314)	<0.5	7.74	<1	81	0.5	<1	6.65	<0.5	<1	42.2	157	85.0	9.27	19	
B61985 (456315)	<0.5	7.75	<1	150	<0.5	<1	6.11	<0.5	<1	41.6	183	78.0	8.97	19	
B61986 (456316)	<0.5	7.34	<1	182	0.7	<1	6.44	<0.5	14	38.2	205	101	7.74	23	
B61987 (456317)	<0.5	7.90	3	466	1.2	<1	3.25	<0.5	51	18.8	248	56.8	4.31	16	
B61988 (456318)	<0.5	8.15	10	552	1.0	<1	3.10	0.5	56	15.7	220	36.3	4.10	17	
B61989 (456319)	<0.5	7.84	20	443	0.8	<1	3.68	0.7	41	24.4	227	57.8	5.69	18	
B61990 (456320)	<0.5	7.66	47	541	1.2	<1	3.44	1.5	43	21.6	236	48.9	4.98	17	
B61991 (456321)	<0.5	7.39	40	691	1.0	<1	2.86	1.0	43	21.1	282	44.3	4.30	17	
B61992 (456322)	<0.5	0.07	<1	15	<0.5	<1	33.1	<0.5	<1	0.6	9.8	<0.5	0.08	<5	
B61993 (456323)	<0.5	7.29	13	680	1.1	<1	3.39	<0.5	98	21.6	229	46.4	4.26	16	
B61994 (456324)	<0.5	7.49	8	593	1.3	<1	2.82	<0.5	56	19.0	252	34.0	3.90	17	
B61995 (456325)	<0.5	7.71	4	227	2.7	<1	1.13	<0.5	32	5.5	180	22.3	1.45	19	
B61996 (456326)	0.5	7.82	<1	587	1.1	<1	2.48	<0.5	53	19.0	298	33.2	4.11	18	
B61997 (456327)	<0.5	7.85	9	192	1.2	<1	0.68	0.6	25	2.4	113	38.3	1.12	19	
B61998 (456328)	<0.5	7.56	7	188	1.2	<1	0.65	<0.5	29	3.0	94.9	43.9	1.13	18	
B61999 (456329)	<0.5	8.00	7	98	2.4	<1	1.16	<0.5	30	1.8	111	14.7	0.63	24	
B62000 (456330)	<0.5	7.34	4	159	1.7	<1	1.42	<0.5	21	2.9	128	18.6	1.12	23	
B74001 (456331)	0.7	7.29	4	81	1.4	<1	1.20	<0.5	14	3.5	141	26.6	1.58	18	
B74002 (456332)	0.5	7.82	<1	587	1.1	<1	1.82	<0.5	28	10.4	159	62.9	3.10	19	
B74003 (456333)	0.6	7.39	<1	834	1.2	<1	1.38	<0.5	37	6.0	135	106	2.55	17	
B74004 (456334)	<0.5	7.99	3	399	1.1	<1	1.38	<0.5	88	6.2	128	30.0	2.10	19	
B74005 (456335)	<0.5	7.38	2	149	3.5	<1	1.20	<0.5	52	3.9	184	25.0	1.71	21	
B74006 (456336)	<0.5	7.31	<1	180	0.7	<1	6.35	<0.5	13	37.3	206	103	7.63	22	
B74007 (456337)	0.7	7.84	2	756	3.0	<1	1.50	<0.5	58	7.3	152	11.6	2.60	18	
B74008 (456338)	<0.5	1.47	<1	79	13.0	<1	8.55	<0.5	65	61.4	642	54.2	6.88	7	
B74009 (456339)	<0.5	8.08	<1	775	2.3	<1	1.40	<0.5	43	8.3	150	5.8	2.94	18	
B74010 (456340)	0.7	3.30	<1	217	11.2	<1	5.86	<0.5	92	50.0	557	56.2	6.42	13	
B74011 (456341)	<0.5	8.31	1	333	2.3	<1	1.30	<0.5	44	8.2	140	25.1	2.55	17	
B74012 (456342)	<0.5	0.08	<1	16	<0.5	<1	31.8	<0.5	<1	0.8	9.9	1.3	0.10	<5	
B74013 (456343)	<0.5	7.13	2	219	1.9	<1	0.66	<0.5	56	1.3	132	0.7	1.18	15	
B74014 (456344)	<0.5	7.84	<1	399	1.6	<1	0.96	<0.5	49	7.7	145	14.0	2.34	18	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T507501

PROJECT: AGAT00751

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019		DATE RECEIVED: Aug 20, 2019					DATE REPORTED: Sep 11, 2019					SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
B74015 (456345)		<0.5	8.28	<1	395	2.9	<1	1.04	<0.5	42	9.2	131	47.7	2.63	18
B74016 (456346)		<0.5	1.88	<1	104	15.8	<1	5.51	<0.5	115	69.0	689	54.3	7.65	11
B74017 (456347)		<0.5	7.83	<1	349	2.7	<1	1.41	<0.5	49	11.6	153	11.7	2.78	17
B74018 (456348)		<0.5	7.89	2	351	2.7	<1	1.31	<0.5	48	10.4	148	10.1	2.82	17
B74019 (456349)		<0.5	7.86	2	341	2.1	<1	1.08	<0.5	37	8.4	149	7.7	2.72	17
B74020 (456350)		<0.5	7.28	<1	425	2.0	<1	1.88	<0.5	62	10.5	184	12.6	2.51	17
B74021 (456351)		<0.5	8.04	<1	440	1.0	<1	1.03	<0.5	51	6.7	113	12.2	2.27	18
B74022 (456352)		<0.5	8.34	<1	310	0.6	<1	1.05	<0.5	40	9.5	148	5.3	2.68	17

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019	DATE RECEIVED: Aug 20, 2019					DATE REPORTED: Sep 11, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
B61951 (456281)	<1	1.03	11	19	1.64	1490	11.0	2.75	32.8	1530	<20	<50	0.10	<1	
B61952 (456282)	<1	0.02	<2	1	1.89	123	0.9	0.07	1.1	86	<20	<50	0.04	1	
B61953 (456283)	<1	0.38	10	16	1.37	2120	12.1	2.09	4.3	2630	<20	<50	0.14	<1	
B61954 (456284)	<1	0.58	5	20	2.41	1550	6.2	2.21	70.0	736	<20	<50	0.62	<1	
B61955 (456285)	<1	0.55	4	20	1.45	1630	9.0	2.17	67.5	533	<20	<50	0.25	<1	
B61956 (456286)	<1	0.37	4	16	2.01	2200	7.2	2.00	54.1	471	<20	<50	0.22	<1	
B61957 (456287)	<1	0.33	5	17	1.91	2020	7.4	1.91	51.0	491	<20	<50	0.15	<1	
B61958 (456288)	<1	0.32	4	17	1.89	2010	7.3	1.89	51.8	484	<20	<50	0.15	<1	
B61959 (456289)	<1	0.37	3	19	3.15	1710	5.6	2.06	108	303	<20	<50	0.11	<1	
B61960 (456290)	<1	0.97	9	21	3.32	1780	5.2	1.68	102	246	<20	<50	0.21	<1	
B61961 (456291)	<1	0.65	6	15	4.42	1290	6.9	1.59	91.6	240	<20	<50	0.08	<1	
B61962 (456292)	<1	0.42	6	13	4.44	1270	6.4	1.62	92.1	230	<20	<50	0.09	<1	
B61963 (456293)	<1	0.35	5	17	2.96	1720	6.8	1.90	73.9	509	<20	<50	0.15	<1	
B61964 (456294)	<1	0.47	5	18	2.04	2040	7.0	1.84	27.7	488	<20	<50	0.20	<1	
B61965 (456295)	<1	0.55	5	19	2.34	1990	8.1	1.90	33.1	439	<20	<50	0.16	<1	
B61966 (456296)	<1	0.41	9	11	4.36	1320	1.8	2.35	107	780	<20	<50	0.09	<1	
B61967 (456297)	<1	0.48	4	13	2.88	1810	5.7	2.03	51.0	320	<20	<50	0.12	<1	
B61968 (456298)	<1	0.73	55	23	2.79	1460	5.4	2.30	35.3	349	<20	<50	0.07	<1	
B61969 (456299)	<1	0.82	12	18	3.34	1420	4.5	2.40	47.4	284	<20	<50	0.08	<1	
B61970 (456300)	<1	0.44	3	21	3.96	1420	4.9	2.13	68.3	278	<20	<50	0.09	<1	
B61971 (456301)	<1	0.42	4	18	3.30	1920	6.4	1.85	56.4	326	<20	<50	0.15	<1	
B61972 (456302)	<1	0.03	<2	1	2.03	111	0.6	0.04	<0.5	94	<20	<50	0.05	1	
B61973 (456303)	<1	0.38	3	16	2.47	2210	8.0	1.50	53.0	355	<20	<50	0.20	<1	
B61974 (456304)	<1	0.74	3	20	2.36	1190	6.9	2.31	64.2	346	<20	<50	0.07	<1	
B61975 (456305)	<1	1.00	23	20	1.88	1290	8.4	2.02	53.2	329	<20	<50	0.10	<1	
B61976 (456306)	<1	0.55	4	20	2.68	1600	5.5	2.10	98.4	374	<20	<50	0.12	<1	
B61977 (456307)	<1	0.42	4	20	2.53	1890	8.4	1.75	67.5	385	<20	<50	0.34	<1	
B61978 (456308)	<1	0.40	4	19	2.50	1860	9.9	1.66	71.8	443	<20	<50	0.35	<1	
B61979 (456309)	<1	0.31	3	16	2.17	1600	9.2	1.94	75.8	431	<20	<50	0.15	<1	
B61980 (456310)	<1	0.18	5	14	2.22	1700	7.3	1.79	44.1	601	<20	<50	0.28	<1	
B61981 (456311)	<1	0.82	12	15	2.50	1740	6.9	1.94	41.9	451	<20	<50	0.14	<1	
B61982 (456312)	<1	0.53	5	15	3.09	1730	6.3	1.99	65.7	400	<20	<50	0.12	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T507501

PROJECT: AGAT00751

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019	DATE RECEIVED: Aug 20, 2019					DATE REPORTED: Sep 11, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
B61983 (456313)	<1	0.37	4	16	3.10	1740	5.5	2.03	73.9	352	<20	<50	0.14	<1	
B61984 (456314)	<1	0.22	4	10	3.12	1740	5.7	2.12	72.4	390	<20	<50	0.12	<1	
B61985 (456315)	<1	0.40	4	8	3.07	1690	6.1	2.55	80.3	382	<20	<50	0.13	<1	
B61986 (456316)	<1	0.40	9	10	4.34	1260	2.1	2.35	120	875	<20	<50	0.09	<1	
B61987 (456317)	<1	1.50	23	13	1.43	924	11.0	3.05	55.6	655	<20	<50	0.14	<1	
B61988 (456318)	<1	1.37	25	13	1.36	829	8.2	3.02	51.4	587	<20	<50	0.12	<1	
B61989 (456319)	<1	1.14	20	15	1.80	1100	9.4	2.70	64.9	592	<20	<50	0.18	<1	
B61990 (456320)	<1	1.25	20	17	1.69	945	11.6	2.62	63.4	603	<20	<50	0.19	<1	
B61991 (456321)	<1	1.41	20	17	1.59	781	11.5	2.78	66.2	598	<20	<50	0.18	<1	
B61992 (456322)	<1	0.02	2	<1	1.59	101	0.6	0.04	<0.5	75	<20	<50	0.05	<1	
B61993 (456323)	<1	1.32	41	17	1.60	803	11.2	3.08	56.7	558	<20	<50	0.18	<1	
B61994 (456324)	<1	1.69	25	24	1.46	811	11.4	2.80	56.2	747	<20	<50	0.14	<1	
B61995 (456325)	<1	2.60	13	9	0.41	547	15.8	3.50	19.0	275	30	<50	0.11	<1	
B61996 (456326)	<1	1.59	24	25	1.52	814	14.1	2.52	60.6	591	<20	<50	0.18	<1	
B61997 (456327)	<1	4.49	9	4	0.15	194	15.2	2.77	8.2	157	70	<50	0.33	<1	
B61998 (456328)	<1	4.20	10	3	0.15	186	13.3	2.64	8.7	141	72	<50	0.38	<1	
B61999 (456329)	<1	2.11	13	2	0.10	205	15.6	4.24	6.9	147	70	<50	0.14	<1	
B62000 (456330)	<1	2.19	9	4	0.32	162	16.2	3.76	10.9	184	51	<50	0.23	<1	
B74001 (456331)	<1	1.32	5	10	0.30	189	15.2	3.93	10.9	117	89	<50	0.30	1	
B74002 (456332)	<1	1.59	14	15	1.12	546	14.2	2.96	18.8	342	<20	<50	0.85	<1	
B74003 (456333)	<1	1.72	17	26	1.35	444	14.1	2.69	11.8	605	<20	<50	0.59	<1	
B74004 (456334)	<1	1.66	37	21	1.03	360	15.9	3.75	11.7	743	29	<50	0.23	<1	
B74005 (456335)	<1	1.37	22	27	0.91	261	18.6	3.79	19.4	236	27	<50	0.14	<1	
B74006 (456336)	<1	0.40	9	10	4.34	1260	2.0	2.32	114	851	<20	<50	0.09	<1	
B74007 (456337)	<1	1.56	28	101	2.35	422	11.7	4.19	36.7	1010	<20	<50	0.07	<1	
B74008 (456338)	<1	1.33	32	198	8.71	1830	2.9	1.10	412	1920	<20	<50	0.20	<1	
B74009 (456339)	<1	2.04	21	66	2.72	500	14.6	3.68	26.9	750	<20	<50	0.04	<1	
B74010 (456340)	<1	1.79	48	227	7.80	1280	4.4	2.49	372	384	<20	<50	0.15	<1	
B74011 (456341)	<1	1.60	21	57	2.03	387	12.2	3.98	19.5	499	<20	<50	0.06	<1	
B74012 (456342)	<1	0.02	<2	2	2.91	120	0.8	0.05	1.9	93	<20	<50	0.03	<1	
B74013 (456343)	<1	0.86	24	33	1.78	201	18.0	2.03	4.3	97	<20	<50	0.01	<1	
B74014 (456344)	<1	1.51	23	69	2.18	287	14.9	3.58	16.1	444	<20	<50	0.02	<1	

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## Certificate of Analysis

AGAT WORK ORDER: 19T507501

PROJECT: AGAT00751

5623 McADAM ROAD  
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TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019		DATE RECEIVED: Aug 20, 2019					DATE REPORTED: Sep 11, 2019					SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
B74015 (456345)		<1	1.54	20	155	2.55	360	15.4	4.26	32.7	616	<20	<50	0.05	<1
B74016 (456346)		<1	1.86	55	487	10.8	1310	2.8	1.83	511	1110	<20	<50	0.11	<1
B74017 (456347)		<1	2.11	23	109	2.44	420	11.3	3.96	44.5	478	<20	<50	0.04	<1
B74018 (456348)		<1	2.15	23	100	2.53	425	11.2	3.84	40.0	460	<20	<50	0.04	<1
B74019 (456349)		<1	2.18	18	84	2.04	427	12.1	3.60	29.4	1410	<20	<50	0.03	<1
B74020 (456350)		<1	1.55	28	72	2.15	434	12.9	3.91	56.4	513	<20	<50	0.03	<1
B74021 (456351)		<1	1.42	23	44	1.46	318	12.5	4.11	12.0	493	<20	<50	0.03	<1
B74022 (456352)		<1	1.47	19	70	2.17	381	15.3	3.36	19.7	569	<20	<50	0.02	<1

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Sep 11, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
B61951 (456281)	26	<10	<5	239	<10	<10	<5	0.62	<5	<50	81.1	<1	42	121
B61952 (456282)	1	<10	<5	69	<10	<10	<5	0.01	<5	<50	2.1	<1	3	2.2
B61953 (456283)	34	<10	<5	150	<10	<10	<5	0.92	<5	<50	20.0	<1	75	178
B61954 (456284)	38	<10	<5	139	<10	<10	<5	0.81	<5	<50	309	<1	33	487
B61955 (456285)	44	<10	<5	102	<10	<10	<5	1.12	<5	<50	465	<1	39	135
B61956 (456286)	47	<10	<5	115	<10	<10	<5	1.09	<5	<50	485	<1	43	125
B61957 (456287)	47	<10	<5	118	<10	<10	<5	1.10	<5	<50	486	<1	42	121
B61958 (456288)	47	<10	<5	116	<10	<10	<5	1.08	<5	<50	490	<1	42	121
B61959 (456289)	47	<10	<5	133	<10	<10	<5	0.73	<5	<50	361	<1	25	107
B61960 (456290)	48	<10	<5	230	<10	<10	<5	0.58	<5	<50	321	<1	22	89.7
B61961 (456291)	43	<10	<5	138	<10	<10	<5	0.40	<5	<50	251	<1	17	73.5
B61962 (456292)	41	<10	<5	122	<10	<10	<5	0.42	<5	<50	242	<1	17	73.4
B61963 (456293)	45	<10	<5	106	<10	<10	<5	0.86	<5	<50	366	<1	36	109
B61964 (456294)	45	<10	<5	136	<10	<10	<5	1.02	<5	<50	429	<1	41	133
B61965 (456295)	48	<10	<5	185	<10	<10	<5	1.03	<5	<50	439	<1	39	132
B61966 (456296)	34	<10	<5	244	<10	<10	<5	0.86	<5	<50	242	<1	22	90.1
B61967 (456297)	47	<10	<5	170	<10	<10	<5	0.79	<5	<50	351	<1	30	101
B61968 (456298)	47	<10	<5	190	<10	<10	38	0.85	<5	<50	381	<1	32	110
B61969 (456299)	47	<10	<5	191	<10	<10	<5	0.61	<5	<50	314	<1	25	93.7
B61970 (456300)	50	<10	<5	163	<10	<10	<5	0.60	<5	<50	309	<1	23	83.8
B61971 (456301)	49	<10	<5	129	<10	<10	<5	0.79	<5	<50	367	<1	30	118
B61972 (456302)	<1	<10	<5	76	<10	<10	<5	<0.01	<5	<50	2.3	<1	3	2.0
B61973 (456303)	48	<10	<5	129	<10	<10	<5	0.79	<5	<50	371	<1	32	137
B61974 (456304)	53	<10	<5	187	<10	<10	<5	0.74	<5	<50	352	<1	24	98.7
B61975 (456305)	52	<10	<5	157	<10	<10	9	0.79	<5	<50	372	<1	28	109
B61976 (456306)	51	<10	<5	149	<10	<10	<5	0.87	<5	<50	398	<1	30	113
B61977 (456307)	47	<10	<5	159	<10	<10	<5	0.80	<5	<50	339	<1	35	206
B61978 (456308)	44	<10	<5	156	<10	<10	<5	0.78	<5	<50	322	<1	33	199
B61979 (456309)	52	<10	<5	129	<10	<10	<5	0.85	<5	<50	376	<1	33	102
B61980 (456310)	48	<10	<5	113	<10	<10	<5	1.20	<5	<50	502	<1	36	138
B61981 (456311)	48	<10	<5	163	<10	<10	<5	0.85	<5	<50	330	<1	36	125
B61982 (456312)	46	<10	<5	106	<10	<10	<5	0.69	<5	<50	307	<1	33	103

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# Certificate of Analysis

AGAT WORK ORDER: 19T507501

PROJECT: AGAT00751

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Sep 11, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
B61983 (456313)	51	<10	<5	135	<10	<10	<5	0.76	<5	<50	343	<1	33	107
B61984 (456314)	48	<10	<5	138	<10	<10	<5	0.75	<5	<50	337	<1	32	103
B61985 (456315)	46	<10	<5	216	<10	<10	<5	0.73	<5	<50	321	<1	29	114
B61986 (456316)	34	<10	<5	246	<10	<10	<5	0.86	<5	<50	240	<1	22	86.2
B61987 (456317)	17	<10	<5	381	<10	<10	<5	0.36	<5	<50	123	<1	15	68.9
B61988 (456318)	15	<10	<5	489	<10	<10	<5	0.38	<5	<50	114	<1	15	79.4
B61989 (456319)	23	<10	<5	398	<10	<10	<5	0.49	<5	<50	168	<1	18	87.1
B61990 (456320)	19	<10	<5	407	<10	<10	<5	0.43	<5	<50	141	<1	18	78.6
B61991 (456321)	18	<10	<5	438	<10	<10	<5	0.37	<5	<50	125	<1	15	80.3
B61992 (456322)	<1	<10	<5	73	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	1.6
B61993 (456323)	17	<10	<5	445	<10	<10	9	0.31	<5	<50	107	<1	13	65.7
B61994 (456324)	16	<10	<5	431	<10	<10	<5	0.34	<5	<50	107	<1	15	70.6
B61995 (456325)	7	<10	<5	162	<10	<10	8	0.09	<5	<50	28.3	<1	13	44.6
B61996 (456326)	16	<10	<5	431	<10	<10	<5	0.39	<5	<50	118	<1	16	88.2
B61997 (456327)	3	<10	<5	77	<10	<10	15	0.04	<5	<50	10.3	<1	11	89.5
B61998 (456328)	3	<10	<5	73	<10	<10	19	0.04	<5	<50	9.5	<1	12	108
B61999 (456329)	2	<10	<5	76	<10	<10	25	0.03	<5	<50	7.1	<1	13	34.0
B62000 (456330)	4	<10	<5	101	<10	<10	10	0.04	<5	<50	11.7	<1	7	38.4
B74001 (456331)	5	<10	<5	81	<10	<10	16	0.08	<5	136	19.0	<1	8	63.4
B74002 (456332)	9	<10	<5	175	<10	<10	<5	0.25	<5	<50	64.9	<1	8	54.1
B74003 (456333)	5	<10	<5	187	<10	<10	<5	0.18	<5	<50	34.9	<1	6	72.5
B74004 (456334)	5	<10	<5	188	<10	<10	<5	0.21	<5	<50	39.2	<1	10	79.1
B74005 (456335)	5	<10	6	124	<10	<10	<5	0.13	<5	<50	25.4	<1	9	91.8
B74006 (456336)	33	<10	<5	243	<10	<10	<5	0.85	<5	<50	238	<1	22	84.2
B74007 (456337)	7	<10	<5	284	<10	<10	<5	0.28	<5	<50	47.1	<1	13	40.3
B74008 (456338)	21	<10	<5	1010	<10	<10	<5	0.59	<5	<50	189	<1	46	33.2
B74009 (456339)	8	<10	<5	207	<10	<10	<5	0.27	<5	<50	52.2	<1	9	59.6
B74010 (456340)	24	<10	<5	620	<10	<10	<5	0.75	<5	<50	190	<1	37	52.4
B74011 (456341)	7	<10	<5	168	<10	<10	<5	0.24	<5	<50	47.1	<1	8	77.0
B74012 (456342)	<1	<10	<5	64	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	3.4
B74013 (456343)	2	<10	<5	85	<10	<10	<5	0.05	<5	<50	7.5	<1	6	23.4
B74014 (456344)	6	<10	<5	135	<10	<10	<5	0.22	<5	<50	43.9	<1	6	45.4

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## Certificate of Analysis

AGAT WORK ORDER: 19T507501

PROJECT: AGAT00751

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Sep 11, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
B74015 (456345)	8	<10	<5	148	<10	<10	<5	0.20	<5	<50	49.9	<1	8	47.4
B74016 (456346)	28	<10	<5	739	<10	<10	<5	0.61	<5	<50	202	<1	36	62.5
B74017 (456347)	10	<10	<5	241	<10	<10	<5	0.25	<5	<50	62.3	<1	8	42.6
B74018 (456348)	10	<10	<5	234	<10	<10	<5	0.24	<5	<50	56.4	<1	8	45.0
B74019 (456349)	8	<10	<5	230	<10	<10	<5	0.21	<5	<50	50.3	<1	7	39.3
B74020 (456350)	9	<10	<5	327	<10	<10	<5	0.22	<5	<50	47.3	<1	7	51.5
B74021 (456351)	6	<10	<5	219	<10	<10	<5	0.23	<5	<50	40.7	<1	6	48.5
B74022 (456352)	7	<10	<5	149	<10	<10	<5	0.25	<5	<50	49.0	<1	5	46.3

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ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Sep 11, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Zr
	Unit:	ppm
	RDL:	5
B61951 (456281)		43
B61952 (456282)		<5
B61953 (456283)		12
B61954 (456284)		35
B61955 (456285)		17
B61956 (456286)		16
B61957 (456287)		15
B61958 (456288)		16
B61959 (456289)		15
B61960 (456290)		22
B61961 (456291)		51
B61962 (456292)		54
B61963 (456293)		24
B61964 (456294)		29
B61965 (456295)		21
B61966 (456296)		92
B61967 (456297)		16
B61968 (456298)		25
B61969 (456299)		22
B61970 (456300)		14
B61971 (456301)		16
B61972 (456302)		<5
B61973 (456303)		16
B61974 (456304)		15
B61975 (456305)		14
B61976 (456306)		17
B61977 (456307)		23
B61978 (456308)		20
B61979 (456309)		20
B61980 (456310)		19
B61981 (456311)		19
B61982 (456312)		20

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ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Sep 11, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
B61983 (456313)				18
B61984 (456314)				17
B61985 (456315)				19
B61986 (456316)				92
B61987 (456317)				96
B61988 (456318)				101
B61989 (456319)				98
B61990 (456320)				100
B61991 (456321)				93
B61992 (456322)				<5
B61993 (456323)				86
B61994 (456324)				95
B61995 (456325)				58
B61996 (456326)				111
B61997 (456327)				24
B61998 (456328)				31
B61999 (456329)				25
B62000 (456330)				43
B74001 (456331)				65
B74002 (456332)				69
B74003 (456333)				71
B74004 (456334)				53
B74005 (456335)				100
B74006 (456336)				93
B74007 (456337)				130
B74008 (456338)				155
B74009 (456339)				95
B74010 (456340)				210
B74011 (456341)				72
B74012 (456342)				<5
B74013 (456343)				71
B74014 (456344)				43

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T507501

PROJECT: AGAT00751

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Sep 11, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
Sample ID (AGAT ID)	RDL:
B74015 (456345)	47
B74016 (456346)	101
B74017 (456347)	45
B74018 (456348)	42
B74019 (456349)	44
B74020 (456350)	47
B74021 (456351)	29
B74022 (456352)	30

Comments: RDL - Reported Detection Limit

456281-456352 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T507501

PROJECT: AGAT00751

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 19, 2019      DATE RECEIVED: Aug 20, 2019      DATE REPORTED: Sep 11, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
B61951 (456281)			0.003
B61952 (456282)			0.001
B61953 (456283)			0.004
B61954 (456284)			0.006
B61955 (456285)			0.002
B61956 (456286)			0.003
B61957 (456287)			0.003
B61958 (456288)			0.003
B61959 (456289)			0.004
B61960 (456290)			0.006
B61961 (456291)			0.004
B61962 (456292)			0.004
B61963 (456293)			0.004
B61964 (456294)			0.002
B61965 (456295)			0.003
B61966 (456296)			0.327
B61967 (456297)			0.007
B61968 (456298)			0.004
B61969 (456299)			0.004
B61970 (456300)			0.002
B61971 (456301)			0.002
B61972 (456302)			0.001
B61973 (456303)			0.003
B61974 (456304)			0.004
B61975 (456305)			0.003
B61976 (456306)			0.003
B61977 (456307)			0.003
B61978 (456308)			0.003
B61979 (456309)			0.003
B61980 (456310)			0.003
B61981 (456311)			0.003
B61982 (456312)			0.003

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T507501

PROJECT: AGAT00751

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Sep 11, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
B61983 (456313)			0.009
B61984 (456314)			0.003
B61985 (456315)			0.003
B61986 (456316)			0.340
B61987 (456317)			0.007
B61988 (456318)			0.005
B61989 (456319)			0.009
B61990 (456320)			0.011
B61991 (456321)			0.013
B61992 (456322)			0.001
B61993 (456323)			0.012
B61994 (456324)			0.019
B61995 (456325)			0.003
B61996 (456326)			0.004
B61997 (456327)			0.003
B61998 (456328)			0.004
B61999 (456329)			0.002
B62000 (456330)			0.004
B74001 (456331)			0.008
B74002 (456332)			0.018
B74003 (456333)			0.008
B74004 (456334)			0.002
B74005 (456335)			0.002
B74006 (456336)			0.332
B74007 (456337)			0.002
B74008 (456338)			0.001
B74009 (456339)			0.002
B74010 (456340)			0.001
B74011 (456341)			0.001
B74012 (456342)			<0.001
B74013 (456343)			<0.001
B74014 (456344)			0.001

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T507501

PROJECT: AGAT00751

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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Sep 11, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
B74015 (456345)			0.003
B74016 (456346)			0.002
B74017 (456347)			0.001
B74018 (456348)			0.001
B74019 (456349)			0.002
B74020 (456350)			0.002
B74021 (456351)			0.001
B74022 (456352)			0.002

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T507501

PROJECT: AGAT00751

5623 McADAM ROAD  
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CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 19, 2019

DATE RECEIVED: Aug 20, 2019

DATE REPORTED: Sep 11, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
B61951 (456281)		80.16
B61971 (456301)		84.43
B61990 (456320)		88.97
B74010 (456340)		89.77

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	456281	< 0.5	< 0.5	0.0%	456295	< 0.5	< 0.5	0.0%	456306	< 0.5	< 0.5	0.0%	456320	< 0.5	< 0.5	0.0%
Al	456281	7.47	7.60	1.7%	456295	7.35	7.22	1.8%	456306	8.38	7.99	4.8%	456320	7.66	7.60	0.8%
As	456281	< 1	< 1	0.0%	456295	< 1	< 1	0.0%	456306	13	10	26.1%	456320	47	43	8.9%
Ba	456281	301	314	4.2%	456295	341	339	0.6%	456306	261	258	1.2%	456320	541	541	0.0%
Be	456281	1.25	1.33	6.2%	456295	0.52	0.55	5.6%	456306	< 0.5	0.6		456320	1.2	1.2	0.0%
Bi	456281	< 1	< 1	0.0%	456295	< 1	< 1	0.0%	456306	< 1	< 1	0.0%	456320	< 1	< 1	0.0%
Ca	456281	4.29	4.39	2.3%	456295	5.66	5.50	2.9%	456306	5.99	6.08	1.5%	456320	3.44	3.32	3.6%
Cd	456281	< 0.5	< 0.5	0.0%	456295	< 0.5	< 0.5	0.0%	456306	0.8	0.8	0.0%	456320	1.46	1.23	17.1%
Ce	456281	20	19	5.1%	456295	< 1	< 1	0.0%	456306	< 1	< 1	0.0%	456320	43	42	2.4%
Co	456281	16.9	17.4	2.9%	456295	38.8	38.5	0.8%	456306	54.2	54.8	1.1%	456320	21.6	21.6	0.0%
Cr	456281	179	146	20.3%	456295	101	99.2	1.8%	456306	135	155	13.8%	456320	236	223	5.7%
Cu	456281	18.4	21.7	16.5%	456295	80.3	79.1	1.5%	456306	112	103	8.4%	456320	48.9	47.9	2.1%
Fe	456281	7.84	7.71	1.7%	456295	11.3	10.9	3.6%	456306	9.66	9.70	0.4%	456320	4.98	4.80	3.7%
Ga	456281	23	22	4.4%	456295	23	23	0.0%	456306	21	28	28.6%	456320	17	17	0.0%
In	456281	< 1	< 1	0.0%	456295	< 1	< 1	0.0%	456306	< 1	< 1	0.0%	456320	< 1	< 1	0.0%
K	456281	1.03	1.08	4.7%	456295	0.546	0.537	1.7%	456306	0.546	0.510	6.8%	456320	1.25	1.25	0.0%
La	456281	11	10	9.5%	456295	5	5	0.0%	456306	4	4	0.0%	456320	20	19	5.1%
Li	456281	19	20	5.1%	456295	19	19	0.0%	456306	20	19	5.1%	456320	17	16	6.1%
Mg	456281	1.64	1.73	5.3%	456295	2.34	2.30	1.7%	456306	2.68	2.64	1.5%	456320	1.69	1.68	0.6%
Mn	456281	1490	1430	4.1%	456295	1990	1910	4.1%	456306	1600	1580	1.3%	456320	945	942	0.3%
Mo	456281	11.0	8.74	22.9%	456295	8.09	8.05	0.5%	456306	5.5	7.0	24.0%	456320	11.6	11.3	2.6%
Na	456281	2.75	2.77	0.7%	456295	1.90	1.85	2.7%	456306	2.10	1.99	5.4%	456320	2.62	2.52	3.9%
Ni	456281	32.8	34.6	5.3%	456295	33.1	32.0	3.4%	456306	98.4	107	8.4%	456320	63.4	63.4	0.0%
P	456281	1530	1410	8.2%	456295	439	433	1.4%	456306	374	389	3.9%	456320	603	585	3.0%
Pb	456281	< 20	< 20	0.0%	456295	< 20	< 20	0.0%	456306	< 20	< 20	0.0%	456320	< 20	< 20	0.0%
Rb	456281	< 50	< 50	0.0%	456295	< 50	< 50	0.0%	456306	< 50	< 50	0.0%	456320	< 50	< 50	0.0%
S	456281	0.10	0.10	0.0%	456295	0.156	0.152	2.6%	456306	0.12	0.12	0.0%	456320	0.19	0.18	5.4%
Sb	456281	< 1	< 1	0.0%	456295	< 1	< 1	0.0%	456306	< 1	< 1	0.0%	456320	< 1	< 1	0.0%
Sc	456281	26	27	3.8%	456295	48	47	2.1%	456306	51	48	6.1%	456320	19	19	0.0%
Se	456281	< 10	< 10	0.0%	456295	< 10	< 10	0.0%	456306	< 10	< 10	0.0%	456320	< 10	< 10	0.0%
Sn	456281	< 5	< 5	0.0%	456295	< 5	< 5	0.0%	456306	< 5	< 5	0.0%	456320	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

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Sr	456281	239	256	6.9%	456295	185	181	2.2%	456306	149	147	1.4%	456320	407	403	1.0%
Ta	456281	< 10	< 10	0.0%	456295	< 10	< 10	0.0%	456306	< 10	< 10	0.0%	456320	< 10	< 10	0.0%
Te	456281	< 10	< 10	0.0%	456295	< 10	< 10	0.0%	456306	< 10	< 10	0.0%	456320	< 10	< 10	0.0%
Th	456281	< 5	< 5	0.0%	456295	< 5	< 5	0.0%	456306	< 5	< 5	0.0%	456320	< 5	< 5	0.0%
Ti	456281	0.616	0.614	0.3%	456295	1.03	1.00	3.0%	456306	0.869	0.831	4.5%	456320	0.43	0.42	2.4%
Tl	456281	< 5	< 5	0.0%	456295	< 5	< 5	0.0%	456306	< 5	< 5	0.0%	456320	< 5	< 5	0.0%
U	456281	< 50	< 50	0.0%	456295	< 50	< 50	0.0%	456306	< 50	< 50	0.0%	456320	< 50	< 50	0.0%
V	456281	81.1	86.1	6.0%	456295	439	431	1.8%	456306	398	380	4.6%	456320	141	140	0.7%
W	456281	< 1	< 1	0.0%	456295	< 1	< 1	0.0%	456306	< 1	< 1	0.0%	456320	< 1	< 1	0.0%
Y	456281	42	42	0.0%	456295	39	39	0.0%	456306	30	28	6.9%	456320	18	18	0.0%
Zn	456281	121	120	0.8%	456295	132	128	3.1%	456306	113	108	4.5%	456320	78.6	77.9	0.9%
Zr	456281	43	43	0.0%	456295	21	21	0.0%	456306	17	15	12.5%	456320	100	98	2.0%

Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	456331	0.71	0.62	13.5%	456345	< 0.5	< 0.5	0.0%								
Al	456331	7.29	7.30	0.1%	456345	8.28	8.34	0.7%								
As	456331	4	5	22.2%	456345	< 1	1									
Ba	456331	81	81	0.0%	456345	395	403	2.0%								
Be	456331	1.4	1.4	0.0%	456345	2.95	3.09	4.6%								
Bi	456331	< 1	< 1	0.0%	456345	< 1	< 1	0.0%								
Ca	456331	1.20	1.19	0.8%	456345	1.04	1.04	0.0%								
Cd	456331	< 0.5	< 0.5	0.0%	456345	< 0.5	< 0.5	0.0%								
Ce	456331	14	15	6.9%	456345	42	43	2.4%								
Co	456331	3.5	3.4	2.9%	456345	9.17	9.45	3.0%								
Cr	456331	141	144	2.1%	456345	131	122	7.1%								
Cu	456331	26.6	26.4	0.8%	456345	47.7	49.6	3.9%								
Fe	456331	1.58	1.53	3.2%	456345	2.63	2.65	0.8%								
Ga	456331	18	17	5.7%	456345	18	18	0.0%								
In	456331	< 1	< 1	0.0%	456345	< 1	< 1	0.0%								
K	456331	1.32	1.33	0.8%	456345	1.54	1.56	1.3%								
La	456331	5	6	18.2%	456345	20	21	4.9%								
Li	456331	10	9	10.5%	456345	155	157	1.3%								
Mg	456331	0.30	0.28	6.9%	456345	2.55	2.57	0.8%								
Mn	456331	189	186	1.6%	456345	360	361	0.3%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	456331	15.2	16.5	8.2%	456345	15.4	15.0	2.6%								
Na	456331	3.93	3.85	2.1%	456345	4.26	4.34	1.9%								
Ni	456331	10.9	11.3	3.6%	456345	32.7	33.2	1.5%								
P	456331	117	129	9.8%	456345	616	606	1.6%								
Pb	456331	89	87	2.3%	456345	< 20	< 20	0.0%								
Rb	456331	< 50	< 50	0.0%	456345	< 50	< 50	0.0%								
S	456331	0.298	0.292	2.0%	456345	0.05	0.05	0.0%								
Sb	456331	1	< 1		456345	< 1	< 1	0.0%								
Sc	456331	5	5	0.0%	456345	8	8	0.0%								
Se	456331	< 10	< 10	0.0%	456345	< 10	< 10	0.0%								
Sn	456331	< 5	< 5	0.0%	456345	< 5	< 5	0.0%								
Sr	456331	81	80	1.2%	456345	148	150	1.3%								
Ta	456331	< 10	< 10	0.0%	456345	< 10	< 10	0.0%								
Te	456331	< 10	< 10	0.0%	456345	< 10	< 10	0.0%								
Th	456331	16	17	6.1%	456345	< 5	< 5	0.0%								
Ti	456331	0.08	0.08	0.0%	456345	0.205	0.212	3.4%								
Tl	456331	< 5	< 5	0.0%	456345	< 5	< 5	0.0%								
U	456331	136	119	13.3%	456345	< 50	< 50	0.0%								
V	456331	19.0	17.6	7.7%	456345	49.9	51.6	3.3%								
W	456331	< 1	< 1	0.0%	456345	< 1	< 1	0.0%								
Y	456331	8	8	0.0%	456345	8	8	0.0%								
Zn	456331	63.4	57.1	10.5%	456345	47.4	48.9	3.1%								
Zr	456331	65	60	8.0%	456345	47	50	6.2%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	456281	0.003	0.005		456295	0.0027	0.0025	7.7%	456306	0.0025	0.0024	4.1%	456320	0.011	0.011	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	456331	0.008	0.008	0.0%	456345	0.003	0.004	28.6%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GSP5G)				CRM #2 (ref.GS6F)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	3.26	107%	90% - 110%
Al	8.17	8.34	102%	90% - 110%	8.17	8.21	100%	90% - 110%	6.96	7.24	104%	90% - 110%	4.75	4.88	103%	90% - 110%
As	26	25	96%	90% - 110%	26	27	103%	90% - 110%	124	126	102%	90% - 110%				
Ba	540	516	96%	90% - 110%	540	509	94%	90% - 110%	186	183	99%	90% - 110%	216	206	95%	90% - 110%
Be	4.0	3.6	90%	90% - 110%	4.0	3.6	90%	90% - 110%								
Ca	0.907	0.87	96%	90% - 110%	0.907	0.862	95%	90% - 110%	4.01	3.94	98%	90% - 110%	10	9	93%	90% - 110%
Ce	98	106	109%	90% - 110%	98	104	106%	90% - 110%	24	22	91%	90% - 110%				
Co									22.1	21.7	98%	90% - 110%	191	180	94%	90% - 110%
Cr	60.3	59.9	99%	90% - 110%	60.3	59	98%	90% - 110%					670	712	106%	90% - 110%
Cu	150	148	99%	90% - 110%	150	146	97%	90% - 110%	88.6	86	97%	90% - 110%	7120	7081	99%	90% - 110%
Fe	3.77	3.61	96%	90% - 110%	3.77	3.57	95%	90% - 110%	7.56	7.42	98%	90% - 110%	12.71	11.9	94%	90% - 110%
K									2.021	2.012	100%	90% - 110%	0.1021	0.1026	100%	90% - 110%
La	44	42	96%	90% - 110%	44	42	95%	90% - 110%					8.47	8.06	95%	90% - 110%
Li	47	48	103%	90% - 110%	47	47	101%	90% - 110%								
Mg	1.10	1.08	99%	90% - 110%	1.10	1.06	97%	90% - 110%	2.412	2.507	104%	90% - 110%	7.41	7.53	102%	90% - 110%
Mn	780	749	96%	90% - 110%	780	740	95%	90% - 110%	1510	1488	99%	90% - 110%				
Mo	14	14	98%	90% - 110%	14	14	99%	90% - 110%								
Na	1.624	1.699	105%	90% - 110%	1.624	1.648	101%	90% - 110%	0.617	0.647	105%	90% - 110%	0.112	0.12	107%	90% - 110%
Ni	32	34.4	107%	90% - 110%	32	32.0	100%	90% - 110%	77.1	75.1	97%	90% - 110%	2480	2378	96%	90% - 110%
P	750	690	92%	90% - 110%	750	688	91%	90% - 110%	892	824	92%	90% - 110%	731	704	96%	90% - 110%
Pb	31	28	91%	90% - 110%	31	28	90%	90% - 110%								
S									0.348	0.325	94%	90% - 110%				
Sc	12	13	105%	90% - 110%	12	13	105%	90% - 110%					21.33	20.9	98%	90% - 110%
Sr	144	149	104%	90% - 110%	144	145	101%	90% - 110%	92.8	90.3	97%	90% - 110%	39	38	97%	90% - 110%
Ti	0.53	0.48	90%	90% - 110%	0.53	0.51	96%	90% - 110%					0.419	0.406	97%	90% - 110%
V	77	79	103%	90% - 110%	77	78	102%	90% - 110%					158	164	104%	90% - 110%
Y													12.67	12.99	102%	90% - 110%
Zn	130	122	94%	90% - 110%	130	121	93%	90% - 110%	208	217	105%	90% - 110%	112	103	92%	90% - 110%
Zr													35.7	38.2	107%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GSP5G)				CRM #2 (ref.GS6F)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.562	0.525	93%	90% - 110%	6.87	6.62	96%	90% - 110%								

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00751  
 SAMPLING SITE:

AGAT WORK ORDER: 19T507501  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00752

AGAT WORK ORDER: 19T508759

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 13, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.





## Certificate of Analysis

AGAT WORK ORDER: 19T508759

PROJECT: AGAT00752

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 22, 2019      DATE RECEIVED: Aug 22, 2019      DATE REPORTED: Sep 13, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D73520 (464211)		3.49
D73521 (464212)		3.42
D73522 (464213)		3.69
D73523 (464214)		2.25
D73524 (464215)		2.67
D73525 (464216)		1.99
D73526 (464217)		0.07
D73527 (464218)		0.57
D73528 (464219)		2.57
D73529 (464220)		2.16
D73530 (464221)		2.22
D73531 (464222)		2.35
D73532 (464223)		0.58
D73533 (464224)		1.47
D73534 (464225)		1.96
D73535 (464226)		1.82
D73536 (464227)		2.57
D73537 (464228)		1.74
D73538 (464229)		1.74
D73539 (464230)		2.05
D73540 (464231)		3.09
D73541 (464232)		0.59
D73542 (464233)		3.21
D73543 (464234)		3.12
D73544 (464235)		0.96
D73545 (464236)		3.04
D73546 (464237)		0.07
D73547 (464238)		3.60
D73548 (464239)		3.50
D73549 (464240)		3.93
D73550 (464241)		3.69

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T508759

PROJECT: AGAT00752

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 22, 2019      DATE RECEIVED: Aug 22, 2019      DATE REPORTED: Sep 13, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D73551 (464242)		2.29
D73552 (464243)		0.69
D73553 (464244)		2.43
D73554 (464245)		3.69
D73555 (464246)		3.23
D73556 (464247)		2.37
D73557 (464248)		1.94
D73558 (464249)		1.94
D73559 (464250)		2.15
D73560 (464251)		1.50
D73561 (464252)		3.13
D73562 (464253)		2.25
D73563 (464254)		3.80
D73564 (464255)		3.42
D73565 (464256)		3.62
D73566 (464257)		0.07
D73567 (464258)		3.31
D73568 (464259)		3.62
D73569 (464260)		3.62
D73570 (464261)		3.67
D73571 (464262)		3.22
D73572 (464263)		0.64
D73573 (464264)		3.48
D73574 (464265)		3.86
D73575 (464266)		3.46
D73576 (464267)		3.62
D73577 (464268)		3.57
D73578 (464269)		3.57
D73579 (464270)		3.23
D73580 (464271)		2.28
D73581 (464272)		2.80

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T508759

PROJECT: AGAT00752

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 13, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D73582 (464273)		2.22
D73583 (464274)		2.24
D73584 (464275)		2.21
D73585 (464276)		2.20
D73586 (464277)		0.07
D73587 (464278)		2.24
D73588 (464279)		2.22
D73589 (464280)		1.10
D73590 (464281)		2.42
D73591 (464282)		1.56
D73592 (464283)		0.68

 Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T508759

PROJECT: AGAT00752

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019	DATE RECEIVED: Aug 22, 2019							DATE REPORTED: Sep 13, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D73520 (464211)	<0.5	7.61	<1	110	0.7	<1	6.18	<0.5	<1	39.2	76.7	81.9	8.57	18	
D73521 (464212)	<0.5	8.36	<1	222	<0.5	<1	6.64	<0.5	<1	42.4	205	118	7.65	17	
D73522 (464213)	<0.5	7.95	<1	134	<0.5	<1	6.87	<0.5	<1	40.6	239	127	8.00	17	
D73523 (464214)	<0.5	8.05	<1	106	<0.5	<1	6.91	<0.5	<1	40.5	221	111	8.36	17	
D73524 (464215)	<0.5	8.05	<1	188	0.6	<1	6.30	<0.5	<1	40.7	160	133	9.19	18	
D73525 (464216)	<0.5	7.42	<1	169	0.7	<1	4.71	1.6	13	47.6	109	85.1	9.62	22	
D73526 (464217)	<0.5	7.22	4	82	<0.5	<1	7.07	<0.5	<1	36.9	188	152	7.16	15	
D73527 (464218)	1.0	7.32	<1	399	0.9	<1	1.71	<0.5	43	6.4	10.9	37.4	2.16	13	
D73528 (464219)	<0.5	7.57	3	589	1.1	<1	3.23	<0.5	39	12.2	33.6	43.0	3.63	16	
D73529 (464220)	<0.5	8.35	1	594	1.1	<1	5.75	<0.5	24	28.2	81.8	119	7.49	20	
D73530 (464221)	<0.5	7.24	<1	383	1.7	<1	6.06	<0.5	35	29.0	95.2	105	7.84	19	
D73531 (464222)	<0.5	7.12	<1	255	1.8	<1	6.28	<0.5	29	33.6	98.4	130	9.47	23	
D73532 (464223)	<0.5	0.06	<1	13	<0.5	<1	30.5	<0.5	<1	<0.5	0.6	<0.5	0.11	<5	
D73533 (464224)	<0.5	7.42	2	342	1.2	<1	1.79	<0.5	24	4.4	27.2	8.9	1.69	15	
D73534 (464225)	<0.5	6.67	<1	344	0.8	<1	1.87	<0.5	61	2.7	33.4	<0.5	1.47	12	
D73535 (464226)	<0.5	6.56	2	514	<0.5	<1	0.31	<0.5	8	<0.5	16.1	1.3	0.56	10	
D73536 (464227)	<0.5	5.40	2	286	0.6	<1	0.64	<0.5	22	0.9	15.0	0.8	0.81	9	
D73537 (464228)	<0.5	6.69	2	596	<0.5	<1	0.19	<0.5	24	<0.5	18.8	0.7	0.54	9	
D73538 (464229)	<0.5	6.75	3	602	<0.5	<1	0.19	<0.5	19	<0.5	13.4	0.7	0.45	9	
D73539 (464230)	<0.5	7.25	2	320	0.5	<1	1.53	<0.5	65	6.8	29.2	6.8	1.97	12	
D73540 (464231)	<0.5	7.95	<1	224	0.7	<1	4.79	<0.5	37	27.4	72.9	54.9	6.15	19	
D73541 (464232)	<0.5	6.35	<1	712	<0.5	<1	0.83	<0.5	32	4.5	20.0	1.7	1.75	10	
D73542 (464233)	<0.5	8.24	<1	195	0.6	<1	6.04	<0.5	14	38.1	125	74.2	8.60	20	
D73543 (464234)	<0.5	8.24	<1	209	<0.5	<1	6.20	<0.5	13	39.3	120	93.5	8.50	22	
D73544 (464235)	<0.5	3.88	<1	263	4.6	<1	8.88	<0.5	120	46.7	639	159	9.03	17	
D73545 (464236)	<0.5	8.20	<1	175	0.7	<1	6.03	<0.5	13	39.5	127	76.3	8.75	22	
D73546 (464237)	<0.5	7.36	<1	146	0.7	<1	6.94	<0.5	<1	41.8	119	156	8.09	16	
D73547 (464238)	<0.5	8.27	<1	184	1.0	<1	6.11	<0.5	15	42.0	90.9	86.0	8.68	21	
D73548 (464239)	<0.5	7.59	<1	245	2.1	<1	6.04	<0.5	12	39.3	77.0	102	8.15	21	
D73549 (464240)	<0.5	7.83	<1	111	0.5	<1	7.08	<0.5	<1	42.4	76.0	105	8.36	18	
D73550 (464241)	<0.5	7.99	<1	135	<0.5	<1	6.91	<0.5	<1	45.1	99.6	120	8.42	18	
D73551 (464242)	<0.5	8.13	<1	128	<0.5	<1	7.32	<0.5	<1	41.1	235	104	8.18	18	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T508759

PROJECT: AGAT00752

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019	DATE RECEIVED: Aug 22, 2019							DATE REPORTED: Sep 13, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D73552 (464243)	<0.5	0.10	<1	21	<0.5	<1	32.5	<0.5	<1	0.6	5.4	<0.5	0.09	<5	
D73553 (464244)	<0.5	8.32	<1	191	<0.5	<1	7.29	<0.5	<1	41.6	184	130	7.64	18	
D73554 (464245)	<0.5	8.06	<1	118	<0.5	<1	6.92	<0.5	<1	41.3	187	133	7.81	18	
D73555 (464246)	<0.5	7.89	<1	93	0.8	<1	6.54	<0.5	<1	37.9	185	109	6.60	17	
D73556 (464247)	<0.5	7.34	<1	121	<0.5	<1	0.58	<0.5	4	0.7	9.3	6.2	0.56	15	
D73557 (464248)	<0.5	7.37	<1	132	<0.5	<1	0.39	<0.5	2	0.6	12.7	0.5	0.69	17	
D73558 (464249)	<0.5	7.29	<1	134	<0.5	<1	0.38	<0.5	2	0.6	11.4	0.6	0.74	16	
D73559 (464250)	<0.5	7.62	<1	43	0.9	<1	1.11	<0.5	11	0.7	11.3	0.6	0.57	18	
D73560 (464251)	<0.5	7.39	<1	34	1.1	<1	1.31	<0.5	11	0.5	12.5	1.1	0.58	18	
D73561 (464252)	<0.5	7.48	<1	159	0.5	<1	6.01	<0.5	3	34.8	137	78.6	8.52	19	
D73562 (464253)	<0.5	7.26	<1	191	<0.5	<1	6.73	<0.5	<1	33.3	160	95.2	8.94	18	
D73563 (464254)	<0.5	7.60	<1	191	<0.5	<1	6.43	<0.5	<1	37.1	232	51.4	10.1	20	
D73564 (464255)	<0.5	7.79	<1	157	<0.5	<1	7.47	<0.5	<1	41.6	252	79.9	10.2	20	
D73565 (464256)	<0.5	6.70	<1	197	0.9	<1	8.32	<0.5	4	39.1	257	75.7	9.09	17	
D73566 (464257)	<0.5	7.14	<1	140	<0.5	<1	6.62	<0.5	<1	38.0	183	147	7.86	17	
D73567 (464258)	<0.5	7.09	<1	121	<0.5	<1	6.49	<0.5	2	36.8	67.2	82.6	10.8	22	
D73568 (464259)	<0.5	7.30	<1	140	<0.5	<1	6.71	<0.5	<1	40.8	128	97.2	10.6	22	
D73569 (464260)	<0.5	6.92	<1	115	0.7	<1	6.07	<0.5	<1	36.1	28.2	81.3	10.7	23	
D73570 (464261)	<0.5	7.00	<1	86	0.5	<1	6.25	<0.5	<1	36.2	11.6	79.2	10.6	23	
D73571 (464262)	<0.5	6.86	<1	122	0.5	<1	5.80	<0.5	3	37.3	17.1	84.8	11.2	24	
D73572 (464263)	<0.5	0.08	<1	15	<0.5	<1	32.8	<0.5	<1	0.5	2.5	0.7	0.09	<5	
D73573 (464264)	<0.5	7.15	<1	164	0.7	<1	5.34	0.5	3	37.6	31.3	82.1	10.8	24	
D73574 (464265)	<0.5	6.56	<1	130	0.9	<1	5.81	<0.5	<1	35.6	28.1	85.1	10.1	22	
D73575 (464266)	<0.5	6.96	<1	251	0.8	<1	6.50	<0.5	21	26.2	34.9	60.6	11.0	21	
D73576 (464267)	<0.5	7.09	<1	168	0.5	<1	6.19	<0.5	2	34.2	59.4	71.7	10.4	20	
D73577 (464268)	<0.5	6.91	<1	249	0.9	<1	6.10	<0.5	6	26.2	37.8	48.4	10.5	22	
D73578 (464269)	<0.5	7.02	<1	228	0.8	<1	6.19	<0.5	8	28.2	35.7	55.1	10.4	22	
D73579 (464270)	<0.5	7.02	<1	248	1.1	<1	5.96	<0.5	14	26.1	42.9	40.2	10.8	22	
D73580 (464271)	<0.5	6.32	<1	215	1.3	<1	5.15	<0.5	30	33.7	35.5	48.8	10.2	21	
D73581 (464272)	<0.5	7.93	<1	213	<0.5	<1	4.08	<0.5	3	41.9	84.3	88.6	11.7	22	
D73582 (464273)	<0.5	7.98	<1	478	1.0	<1	3.57	<0.5	38	24.5	122	59.6	6.02	18	
D73583 (464274)	<0.5	8.16	<1	468	0.8	<1	3.46	<0.5	42	26.3	133	59.6	6.10	20	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T508759

PROJECT: AGAT00752

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019		DATE RECEIVED: Aug 22, 2019						DATE REPORTED: Sep 13, 2019				SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D73584 (464275)		<0.5	8.35	<1	539	1.0	<1	3.49	<0.5	56	24.8	126	43.9	6.00	19
D73585 (464276)		<0.5	8.05	<1	471	1.0	<1	3.23	<0.5	52	23.7	135	39.8	5.92	18
D73586 (464277)		<0.5	7.49	<1	192	0.5	<1	6.24	<0.5	9	36.4	190	105	7.68	19
D73587 (464278)		<0.5	8.14	<1	616	1.0	<1	2.83	<0.5	43	23.8	114	58.3	5.87	19
D73588 (464279)		<0.5	8.28	<1	522	2.1	<1	3.74	<0.5	38	24.3	100	72.0	6.21	19
D73589 (464280)		<0.5	8.22	<1	293	6.3	<1	5.45	<0.5	2	27.5	41.4	85.4	7.32	24
D73590 (464281)		<0.5	7.88	<1	199	3.5	<1	6.10	<0.5	<1	34.2	48.9	25.8	9.24	22
D73591 (464282)		<0.5	7.43	<1	220	1.5	<1	7.00	<0.5	<1	39.6	98.2	142	9.55	21
D73592 (464283)		<0.5	0.08	<1	14	<0.5	<1	30.5	<0.5	<1	0.5	1.8	<0.5	0.10	<5

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T508759

PROJECT: AGAT00752

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019	DATE RECEIVED: Aug 22, 2019					DATE REPORTED: Sep 13, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D73520 (464211)	<1	0.42	4	27	3.80	1530	1.4	2.05	75.8	360	<20	<50	0.11	<1	
D73521 (464212)	<1	0.62	4	30	3.50	1690	1.2	1.83	120	292	<20	<50	0.12	<1	
D73522 (464213)	<1	0.35	3	18	4.08	1680	1.1	1.67	101	287	<20	<50	0.07	<1	
D73523 (464214)	<1	0.31	3	21	4.04	2110	1.3	1.81	95.4	309	<20	<50	0.10	<1	
D73524 (464215)	<1	0.55	4	20	3.56	2320	1.6	1.82	108	327	<20	<50	0.32	<1	
D73525 (464216)	<1	0.68	9	36	3.12	1150	2.0	2.61	94.5	574	121	<50	2.12	<1	
D73526 (464217)	<1	0.24	3	14	4.52	1240	1.5	1.68	96.6	341	<20	<50	0.21	<1	
D73527 (464218)	<1	3.88	20	16	0.57	342	2.7	2.41	4.0	315	66	<50	0.28	<1	
D73528 (464219)	<1	1.95	20	18	1.35	733	2.6	2.61	15.8	538	<20	<50	0.10	<1	
D73529 (464220)	<1	1.60	15	28	2.69	1400	1.7	2.43	60.9	886	<20	<50	0.19	<1	
D73530 (464221)	<1	1.87	18	16	2.57	1390	1.9	2.42	69.5	750	<20	<50	0.22	<1	
D73531 (464222)	<1	0.99	16	16	2.82	1410	1.8	2.22	75.3	837	<20	<50	0.24	<1	
D73532 (464223)	<1	0.02	<2	1	2.51	129	<0.5	0.03	<0.5	73	<20	<50	0.05	<1	
D73533 (464224)	<1	3.71	12	9	0.47	267	6.1	2.79	10.6	135	23	<50	0.03	<1	
D73534 (464225)	<1	4.71	26	3	0.54	435	2.0	2.19	5.9	42	32	<50	0.01	<1	
D73535 (464226)	<1	6.02	4	1	0.03	77	9.5	1.59	<0.5	41	47	<50	0.01	<1	
D73536 (464227)	<1	3.26	10	2	0.09	138	8.8	1.96	1.1	30	33	<50	0.01	<1	
D73537 (464228)	<1	6.93	11	<1	0.02	154	7.4	1.36	1.3	46	54	53	<0.01	<1	
D73538 (464229)	<1	7.05	9	<1	0.02	121	8.3	1.37	1.2	44	55	54	<0.01	1	
D73539 (464230)	<1	4.45	30	3	0.41	397	13.2	2.27	21.0	134	60	<50	0.02	<1	
D73540 (464231)	<1	0.99	20	14	2.04	1160	1.6	2.94	71.2	1010	<20	<50	0.09	<1	
D73541 (464232)	<1	4.03	15	6	0.40	417	7.9	1.88	11.8	124	63	<50	0.01	<1	
D73542 (464233)	<1	0.57	10	15	3.05	1670	1.6	2.52	98.0	614	<20	<50	0.14	<1	
D73543 (464234)	<1	0.71	10	14	3.07	1520	1.5	2.43	105	578	<20	<50	0.17	<1	
D73544 (464235)	<1	1.37	63	89	7.39	1450	2.0	1.03	320	1710	<20	<50	0.22	<1	
D73545 (464236)	<1	0.63	10	16	3.08	1590	1.9	2.60	104	578	<20	<50	0.18	<1	
D73546 (464237)	<1	0.19	3	13	4.59	1420	1.6	2.25	99.1	416	<20	<50	0.17	<1	
D73547 (464238)	<1	0.63	10	16	2.81	1750	1.6	2.03	107	672	<20	<50	0.17	<1	
D73548 (464239)	<1	0.93	9	22	2.75	1550	1.6	1.87	98.6	646	<20	<50	0.26	<1	
D73549 (464240)	<1	0.36	3	14	3.80	1780	1.3	1.85	83.6	315	<20	<50	0.12	<1	
D73550 (464241)	<1	0.45	3	22	3.80	1780	1.3	1.72	103	319	<20	<50	0.13	<1	
D73551 (464242)	<1	0.32	2	26	4.33	1590	1.2	1.70	111	284	<20	<50	0.08	<1	

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PROJECT: AGAT00752

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019	DATE RECEIVED: Aug 22, 2019					DATE REPORTED: Sep 13, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D73552 (464243)	<1	0.02	<2	<1	1.85	118	<0.5	0.05	0.9	93	<20	<50	0.06	1	
D73553 (464244)	<1	0.76	3	21	3.40	1570	1.2	1.46	107	295	<20	<50	0.13	<1	
D73554 (464245)	<1	0.42	3	18	3.10	1820	1.8	1.83	101	327	<20	<50	0.15	<1	
D73555 (464246)	<1	0.47	2	21	3.30	1560	1.3	1.89	87.0	266	<20	<50	0.10	<1	
D73556 (464247)	<1	6.25	3	2	0.09	118	1.6	2.20	2.0	109	58	65	<0.01	<1	
D73557 (464248)	<1	5.87	<2	6	0.09	92	1.3	2.30	1.3	90	58	59	<0.01	<1	
D73558 (464249)	<1	5.89	<2	6	0.10	93	1.2	2.27	1.1	99	57	57	<0.01	1	
D73559 (464250)	<1	1.36	6	3	0.06	152	1.8	4.54	1.3	85	34	<50	<0.01	<1	
D73560 (464251)	<1	0.54	5	3	0.05	146	2.1	4.79	1.4	89	26	<50	<0.01	<1	
D73561 (464252)	<1	0.46	5	20	3.72	1770	1.6	1.81	81.2	493	<20	<50	0.11	<1	
D73562 (464253)	<1	0.35	4	15	4.04	2230	1.2	1.44	81.2	480	<20	<50	0.12	<1	
D73563 (464254)	<1	0.37	3	18	3.59	2240	1.7	1.67	109	672	<20	<50	0.13	<1	
D73564 (464255)	<1	0.38	3	11	3.45	2200	1.8	1.75	130	520	<20	<50	0.18	<1	
D73565 (464256)	<1	1.57	7	28	3.96	1730	1.6	1.57	139	464	<20	<50	0.11	<1	
D73566 (464257)	<1	0.20	3	13	4.47	1380	1.6	2.31	87.8	385	<20	<50	0.16	<1	
D73567 (464258)	<1	0.40	6	12	3.17	1800	1.9	1.76	49.3	490	<20	<50	0.14	<1	
D73568 (464259)	<1	0.66	4	14	3.27	1790	1.9	1.60	78.6	506	<20	<50	0.19	<1	
D73569 (464260)	<1	0.31	5	13	2.70	1990	3.1	2.23	26.5	518	<20	<50	0.14	<1	
D73570 (464261)	<1	0.25	5	11	2.72	2000	1.8	2.13	26.1	504	<20	<50	0.14	<1	
D73571 (464262)	<1	0.26	6	12	2.73	2030	2.1	1.85	27.2	601	<20	<50	0.21	<1	
D73572 (464263)	<1	0.01	<2	<1	1.64	107	<0.5	0.04	0.8	75	<20	<50	0.06	<1	
D73573 (464264)	<1	0.39	6	14	2.64	1770	2.5	2.34	29.1	619	<20	<50	0.16	<1	
D73574 (464265)	<1	0.55	5	10	2.40	1930	1.9	2.09	24.7	642	<20	<50	0.25	<1	
D73575 (464266)	<1	0.73	13	11	2.25	2400	2.3	1.85	23.6	972	<20	<50	0.15	<1	
D73576 (464267)	<1	0.54	5	14	2.98	2030	2.0	1.85	43.0	584	<20	<50	0.14	<1	
D73577 (464268)	<1	0.91	7	11	2.42	2130	2.1	1.69	23.4	877	<20	<50	0.12	<1	
D73578 (464269)	<1	0.89	8	10	2.44	2130	1.9	1.69	25.1	911	<20	<50	0.14	<1	
D73579 (464270)	<1	1.57	10	11	2.55	2330	1.9	1.63	26.1	966	<20	<50	0.11	<1	
D73580 (464271)	<1	1.93	16	15	2.55	1930	2.0	1.61	35.4	897	<20	<50	0.13	<1	
D73581 (464272)	<1	0.56	6	14	2.54	2500	2.3	1.61	63.3	574	<20	<50	0.16	<1	
D73582 (464273)	<1	1.13	19	23	2.08	1190	1.8	2.70	70.5	683	<20	<50	0.12	<1	
D73583 (464274)	<1	1.18	21	19	1.99	1330	1.7	2.77	73.3	755	<20	<50	0.14	<1	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T508759

PROJECT: AGAT00752

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 13, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D73584 (464275)		<1	1.67	27	23	2.01	1290	1.6	2.84	74.2	683	<20	<50	0.08	<1
D73585 (464276)		<1	1.49	24	27	1.87	1210	1.9	2.77	66.8	653	<20	<50	0.07	<1
D73586 (464277)		<1	0.45	9	11	4.54	1330	1.8	2.36	110	805	<20	<50	0.10	<1
D73587 (464278)		<1	1.61	21	32	2.12	1030	1.6	2.81	66.9	720	<20	<50	0.09	<1
D73588 (464279)		<1	1.61	20	25	2.02	1370	1.6	2.65	63.7	639	<20	<50	0.13	<1
D73589 (464280)		<1	0.83	3	12	2.22	1270	1.5	2.78	34.6	306	<20	<50	0.26	<1
D73590 (464281)		<1	0.61	4	13	2.86	1410	4.2	2.32	45.5	417	<20	<50	0.09	<1
D73591 (464282)		<1	0.70	4	13	2.75	1520	1.7	1.61	70.5	410	<20	<50	0.47	<1
D73592 (464283)		<1	0.02	<2	1	2.42	105	<0.5	0.05	0.6	67	<20	<50	0.05	<1

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 13, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D73520 (464211)	44	<10	<5	148	<10	<10	<5	0.69	<5	<50	334	<1	22	82.3
D73521 (464212)	43	<10	<5	166	<10	<10	<5	0.62	<5	<50	317	<1	21	99.3
D73522 (464213)	47	<10	<5	184	<10	<10	<5	0.65	<5	<50	344	<1	22	86.5
D73523 (464214)	48	<10	<5	214	<10	<10	<5	0.69	<5	<50	356	<1	24	91.4
D73524 (464215)	35	<10	<5	225	<10	<10	<5	0.79	<5	<50	269	<1	24	130
D73525 (464216)	23	<10	<5	274	<10	<10	<5	0.89	<5	<50	185	<1	24	460
D73526 (464217)	43	<10	<5	169	<10	<10	<5	0.59	<5	<50	281	<1	20	75.4
D73527 (464218)	7	<10	<5	161	<10	<10	22	0.10	<5	<50	49.1	<1	10	67.9
D73528 (464219)	12	<10	<5	333	<10	<10	<5	0.23	<5	<50	94.2	<1	12	66.9
D73529 (464220)	23	<10	<5	471	<10	<10	<5	0.76	<5	<50	193	<1	24	109
D73530 (464221)	29	<10	<5	369	<10	<10	<5	0.80	<5	<50	188	<1	24	122
D73531 (464222)	27	<10	<5	336	<10	<10	<5	0.98	<5	<50	193	<1	31	204
D73532 (464223)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	3.8
D73533 (464224)	4	<10	<5	169	<10	<10	<5	0.14	<5	<50	23.5	<1	6	25.4
D73534 (464225)	13	<10	<5	154	<10	<10	41	0.03	<5	<50	31.1	<1	8	18.0
D73535 (464226)	<1	<10	<5	89	<10	<10	45	<0.01	<5	<50	2.0	<1	3	4.2
D73536 (464227)	1	<10	<5	78	<10	<10	42	0.02	<5	<50	4.2	<1	3	11.7
D73537 (464228)	<1	<10	<5	100	<10	<10	38	<0.01	<5	<50	1.5	<1	4	6.9
D73538 (464229)	<1	<10	<5	102	<10	<10	36	<0.01	<5	<50	1.2	<1	3	6.4
D73539 (464230)	5	<10	<5	125	<10	<10	57	0.15	<5	<50	31.2	<1	11	31.9
D73540 (464231)	20	<10	<5	318	<10	<10	<5	0.71	<5	<50	142	<1	20	88.0
D73541 (464232)	4	<10	<5	132	<10	<10	87	0.09	<5	<50	22.1	<1	10	25.9
D73542 (464233)	26	<10	<5	243	<10	<10	<5	0.87	<5	<50	198	<1	25	131
D73543 (464234)	25	<10	<5	222	<10	<10	<5	0.86	<5	<50	194	<1	23	127
D73544 (464235)	44	<10	<5	390	<10	<10	<5	1.99	<5	<50	302	<1	33	114
D73545 (464236)	26	<10	<5	249	<10	<10	<5	0.86	<5	<50	196	<1	24	117
D73546 (464237)	46	<10	<5	113	<10	<10	<5	0.71	<5	<50	314	<1	23	82.6
D73547 (464238)	25	<10	<5	279	<10	<10	<5	0.88	<5	<50	190	<1	23	118
D73548 (464239)	32	<10	<5	227	<10	<10	<5	0.85	<5	<50	258	<1	26	157
D73549 (464240)	50	<10	<5	122	<10	<10	<5	0.75	<5	<50	374	<1	24	96.7
D73550 (464241)	49	<10	<5	106	<10	<10	<5	0.75	<5	<50	371	<1	23	104
D73551 (464242)	46	<10	<5	134	<10	<10	<5	0.64	<5	<50	325	<1	21	93.4

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## Certificate of Analysis

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PROJECT: AGAT00752

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 13, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D73552 (464243)	<1	<10	<5	72	<10	<10	<5	<0.01	<5	<50	1.4	<1	3	3.7
D73553 (464244)	48	<10	<5	120	<10	<10	<5	0.70	<5	<50	347	<1	23	115
D73554 (464245)	46	<10	<5	94	<10	<10	<5	0.70	<5	<50	337	<1	26	110
D73555 (464246)	44	<10	<5	102	<10	<10	<5	0.60	<5	<50	314	<1	22	90.8
D73556 (464247)	1	<10	<5	34	<10	<10	<5	0.02	<5	<50	5.1	<1	3	7.7
D73557 (464248)	2	<10	<5	32	<10	<10	<5	0.03	<5	<50	3.8	<1	2	7.4
D73558 (464249)	2	<10	<5	31	<10	<10	<5	0.03	<5	<50	3.5	<1	2	7.9
D73559 (464250)	2	<10	<5	33	<10	<10	13	0.01	<5	<50	2.2	<1	6	7.7
D73560 (464251)	2	<10	<5	41	<10	<10	10	<0.01	<5	<50	1.7	<1	6	9.8
D73561 (464252)	40	<10	<5	138	<10	<10	<5	0.75	<5	<50	269	<1	31	106
D73562 (464253)	41	<10	<5	137	<10	<10	<5	0.75	<5	<50	275	<1	32	87.9
D73563 (464254)	41	<10	<5	135	<10	<10	<5	0.98	<5	<50	268	<1	26	134
D73564 (464255)	41	<10	<5	131	<10	<10	<5	0.99	<5	<50	300	<1	22	121
D73565 (464256)	41	<10	<5	203	<10	<10	<5	0.83	<5	<50	268	<1	20	150
D73566 (464257)	46	<10	<5	110	<10	<10	<5	0.68	<5	<50	310	<1	22	81.2
D73567 (464258)	45	<10	<5	147	<10	<10	<5	1.02	<5	<50	405	<1	36	128
D73568 (464259)	45	<10	<5	101	<10	<10	<5	1.01	<5	<50	383	<1	32	131
D73569 (464260)	47	<10	<5	154	<10	<10	<5	1.03	<5	<50	450	<1	41	122
D73570 (464261)	47	<10	<5	119	<10	<10	<5	1.03	<5	<50	443	<1	40	128
D73571 (464262)	43	<10	<5	120	<10	<10	<5	0.98	<5	<50	382	<1	40	149
D73572 (464263)	<1	<10	<5	72	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	2.6
D73573 (464264)	45	<10	<5	113	<10	<10	<5	1.03	<5	<50	399	<1	38	158
D73574 (464265)	45	<10	<5	113	<10	<10	<5	0.99	<5	<50	319	<1	41	167
D73575 (464266)	39	<10	<5	181	<10	<10	<5	0.93	<5	<50	164	<1	42	151
D73576 (464267)	44	<10	<5	142	<10	<10	<5	0.84	<5	<50	283	<1	36	143
D73577 (464268)	40	<10	<5	147	<10	<10	<5	0.94	<5	<50	193	<1	40	138
D73578 (464269)	40	<10	<5	151	<10	<10	<5	0.95	<5	<50	196	<1	40	142
D73579 (464270)	42	<10	<5	158	<10	<10	<5	0.92	<5	<50	174	<1	40	148
D73580 (464271)	45	<10	<5	178	<10	<10	<5	0.88	<5	<50	300	<1	37	123
D73581 (464272)	47	<10	<5	133	<10	<10	<5	0.96	<5	<50	358	<1	36	131
D73582 (464273)	24	<10	<5	392	<10	<10	<5	0.47	<5	<50	171	<1	17	87.9
D73583 (464274)	25	<10	<5	396	<10	<10	<5	0.50	<5	<50	187	<1	20	83.3

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## Certificate of Analysis

AGAT WORK ORDER: 19T508759

PROJECT: AGAT00752

5623 McADAM ROAD  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 13, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
D73584 (464275)	23	<10	<5	388	<10	<10	<5	0.47	<5	<50	168	<1	18	101
D73585 (464276)	24	<10	<5	360	<10	<10	<5	0.44	<5	<50	164	<1	17	96.9
D73586 (464277)	35	<10	<5	245	<10	<10	<5	0.86	<5	<50	246	<1	23	94.8
D73587 (464278)	23	<10	<5	404	<10	<10	<5	0.46	<5	<50	170	<1	16	87.5
D73588 (464279)	25	<10	<5	305	<10	<10	<5	0.48	<5	<50	177	<1	18	106
D73589 (464280)	38	<10	<5	223	<10	<10	<5	0.58	<5	<50	262	<1	32	71.6
D73590 (464281)	50	<10	<5	183	<10	<10	<5	0.78	<5	<50	362	<1	34	80.0
D73591 (464282)	47	<10	<5	152	<10	<10	<5	0.73	<5	<50	321	<1	31	105
D73592 (464283)	<1	<10	<5	66	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	3.6

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## Certificate of Analysis

AGAT WORK ORDER: 19T508759

PROJECT: AGAT00752

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019      DATE RECEIVED: Aug 22, 2019      DATE REPORTED: Sep 13, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D73520 (464211)				22
D73521 (464212)				17
D73522 (464213)				13
D73523 (464214)				13
D73524 (464215)				20
D73525 (464216)				44
D73526 (464217)				42
D73527 (464218)				167
D73528 (464219)				83
D73529 (464220)				40
D73530 (464221)				28
D73531 (464222)				24
D73532 (464223)				<5
D73533 (464224)				29
D73534 (464225)				14
D73535 (464226)				40
D73536 (464227)				29
D73537 (464228)				38
D73538 (464229)				41
D73539 (464230)				19
D73540 (464231)				40
D73541 (464232)				72
D73542 (464233)				19
D73543 (464234)				17
D73544 (464235)				227
D73545 (464236)				21
D73546 (464237)				62
D73547 (464238)				17
D73548 (464239)				31
D73549 (464240)				15
D73550 (464241)				12
D73551 (464242)				11

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# Certificate of Analysis

AGAT WORK ORDER: 19T508759

PROJECT: AGAT00752

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 13, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D73552 (464243)			<5
D73553 (464244)			12
D73554 (464245)			16
D73555 (464246)			16
D73556 (464247)			<5
D73557 (464248)			12
D73558 (464249)			13
D73559 (464250)			27
D73560 (464251)			22
D73561 (464252)			24
D73562 (464253)			15
D73563 (464254)			14
D73564 (464255)			18
D73565 (464256)			30
D73566 (464257)			48
D73567 (464258)			18
D73568 (464259)			18
D73569 (464260)			20
D73570 (464261)			18
D73571 (464262)			18
D73572 (464263)			<5
D73573 (464264)			30
D73574 (464265)			19
D73575 (464266)			21
D73576 (464267)			18
D73577 (464268)			19
D73578 (464269)			18
D73579 (464270)			21
D73580 (464271)			20
D73581 (464272)			27
D73582 (464273)			107
D73583 (464274)			108

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## Certificate of Analysis

AGAT WORK ORDER: 19T508759

PROJECT: AGAT00752

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019      DATE RECEIVED: Aug 22, 2019      DATE REPORTED: Sep 13, 2019      SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
Sample ID (AGAT ID)	RDL:
D73584 (464275)	106
D73585 (464276)	106
D73586 (464277)	92
D73587 (464278)	113
D73588 (464279)	94
D73589 (464280)	25
D73590 (464281)	27
D73591 (464282)	18
D73592 (464283)	<5

Comments: RDL - Reported Detection Limit  
 464211-464283 As, Sb values may be low due to digestion losses.  
 Analysis performed at AGAT Toronto (unless marked by \*)

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AGAT WORK ORDER: 19T508759

PROJECT: AGAT00752

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 13, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D73520 (464211)			0.002
D73521 (464212)			0.050
D73522 (464213)			0.004
D73523 (464214)			0.015
D73524 (464215)			0.004
D73525 (464216)			0.011
D73526 (464217)			1.20
D73527 (464218)			0.012
D73528 (464219)			0.017
D73529 (464220)			0.015
D73530 (464221)			0.012
D73531 (464222)			0.005
D73532 (464223)			<0.001
D73533 (464224)			0.003
D73534 (464225)			0.001
D73535 (464226)			<0.001
D73536 (464227)			0.002
D73537 (464228)			0.001
D73538 (464229)			0.001
D73539 (464230)			<0.001
D73540 (464231)			0.002
D73541 (464232)			0.003
D73542 (464233)			0.003
D73543 (464234)			0.003
D73544 (464235)			0.003
D73545 (464236)			0.015
D73546 (464237)			0.534
D73547 (464238)			0.003
D73548 (464239)			0.011
D73549 (464240)			0.002
D73550 (464241)			0.002
D73551 (464242)			0.002

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## Certificate of Analysis

AGAT WORK ORDER: 19T508759

PROJECT: AGAT00752

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 22, 2019      DATE RECEIVED: Aug 22, 2019      DATE REPORTED: Sep 13, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D73552 (464243)			0.001
D73553 (464244)			0.012
D73554 (464245)			0.003
D73555 (464246)			0.002
D73556 (464247)			0.001
D73557 (464248)			<0.001
D73558 (464249)			<0.001
D73559 (464250)			0.001
D73560 (464251)			<0.001
D73561 (464252)			0.002
D73562 (464253)			0.003
D73563 (464254)			0.013
D73564 (464255)			0.003
D73565 (464256)			0.002
D73566 (464257)			0.516
D73567 (464258)			0.015
D73568 (464259)			0.004
D73569 (464260)			0.002
D73570 (464261)			0.002
D73571 (464262)			0.003
D73572 (464263)			<0.001
D73573 (464264)			0.004
D73574 (464265)			0.010
D73575 (464266)			0.002
D73576 (464267)			0.005
D73577 (464268)			0.014
D73578 (464269)			0.004
D73579 (464270)			0.016
D73580 (464271)			0.003
D73581 (464272)			0.003
D73582 (464273)			0.006
D73583 (464274)			0.005

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## Certificate of Analysis

AGAT WORK ORDER: 19T508759

PROJECT: AGAT00752

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 13, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D73584 (464275)			0.005
D73585 (464276)			0.003
D73586 (464277)			0.341
D73587 (464278)			0.012
D73588 (464279)			0.005
D73589 (464280)			0.008
D73590 (464281)			0.008
D73591 (464282)			0.047
D73592 (464283)			0.002

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T508759

PROJECT: AGAT00752

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 13, 2019


SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D73520 (464211)		80.16
D73539 (464230)		84.02
D73559 (464250)		83.95
D73568 (464259)		81.56
D73579 (464270)		79.44

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T508759

PROJECT: AGAT00752

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CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 13, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL: 0.01
D73520 (464211)	86.96

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	464211	< 0.5	< 0.5	0.0%	464225	< 0.5	< 0.5	0.0%	464236	< 0.5	< 0.5	0.0%	464250	< 0.5	< 0.5	0.0%
Al	464211	7.61	7.50	1.5%	464225	6.67	6.77	1.5%	464236	8.20	8.12	1.0%	464250	7.62	7.63	0.1%
As	464211	< 1	< 1	0.0%	464225	< 1	< 1	0.0%	464236	< 1	< 1	0.0%	464250	< 1	< 1	0.0%
Ba	464211	110	108	1.8%	464225	344	341	0.9%	464236	175	173	1.1%	464250	43	44	2.3%
Be	464211	0.7	0.7	0.0%	464225	0.8	0.8	0.0%	464236	0.7	0.7	0.0%	464250	0.95	1.01	6.1%
Bi	464211	< 1	< 1	0.0%	464225	< 1	< 1	0.0%	464236	< 1	< 1	0.0%	464250	< 1	< 1	0.0%
Ca	464211	6.18	6.15	0.5%	464225	1.87	1.85	1.1%	464236	6.03	5.93	1.7%	464250	1.11	1.12	0.9%
Cd	464211	< 0.5	< 0.5	0.0%	464225	< 0.5	< 0.5	0.0%	464236	< 0.5	< 0.5	0.0%	464250	< 0.5	< 0.5	0.0%
Ce	464211	< 1	< 1	0.0%	464225	61	70	13.7%	464236	13	13	0.0%	464250	11	10	9.5%
Co	464211	39.2	38.7	1.3%	464225	2.72	3.08	12.4%	464236	39.5	39.6	0.3%	464250	0.7	0.7	0.0%
Cr	464211	76.7	78.7	2.6%	464225	33.4	29.2	13.4%	464236	127	124	2.4%	464250	11.3	12.7	11.7%
Cu	464211	81.9	79.9	2.5%	464225	< 0.5	0.7		464236	76.3	76.4	0.1%	464250	0.58	0.54	7.1%
Fe	464211	8.57	8.49	0.9%	464225	1.47	1.49	1.4%	464236	8.75	8.59	1.8%	464250	0.570	0.577	1.2%
Ga	464211	18	18	0.0%	464225	12	12	0.0%	464236	22	20	9.5%	464250	18	19	5.4%
In	464211	< 1	< 1	0.0%	464225	< 1	< 1	0.0%	464236	< 1	< 1	0.0%	464250	< 1	< 1	0.0%
K	464211	0.42	0.42	0.0%	464225	4.71	4.69	0.4%	464236	0.63	0.63	0.0%	464250	1.36	1.36	0.0%
La	464211	4	4	0.0%	464225	26	29	10.9%	464236	10	10	0.0%	464250	6	5	18.2%
Li	464211	27	26	3.8%	464225	3	3	0.0%	464236	16	16	0.0%	464250	3	3	0.0%
Mg	464211	3.80	3.77	0.8%	464225	0.544	0.550	1.1%	464236	3.08	3.06	0.7%	464250	0.064	0.067	4.6%
Mn	464211	1530	1520	0.7%	464225	435	427	1.9%	464236	1590	1560	1.9%	464250	152	149	2.0%
Mo	464211	1.45	1.63	11.7%	464225	2.0	2.1	4.9%	464236	1.9	1.2		464250	1.8	1.8	0.0%
Na	464211	2.05	2.02	1.5%	464225	2.19	2.19	0.0%	464236	2.60	2.55	1.9%	464250	4.54	4.59	1.1%
Ni	464211	75.8	76.9	1.4%	464225	5.94	6.29	5.7%	464236	104	104	0.0%	464250	1.3	1.3	0.0%
P	464211	360	328	9.3%	464225	42	45	6.9%	464236	578	560	3.2%	464250	85	73	15.2%
Pb	464211	< 20	< 20	0.0%	464225	32	32	0.0%	464236	< 20	< 20	0.0%	464250	34	34	0.0%
Rb	464211	< 50	< 50	0.0%	464225	< 50	< 50	0.0%	464236	< 50	< 50	0.0%	464250	< 50	< 50	0.0%
S	464211	0.111	0.104	6.5%	464225	0.01	0.01	0.0%	464236	0.180	0.173	4.0%	464250	< 0.01	< 0.01	0.0%
Sb	464211	< 1	< 1	0.0%	464225	< 1	< 1	0.0%	464236	< 1	< 1	0.0%	464250	< 1	< 1	0.0%
Sc	464211	44	43	2.3%	464225	13	13	0.0%	464236	26	26	0.0%	464250	2	2	0.0%
Se	464211	< 10	< 10	0.0%	464225	< 10	< 10	0.0%	464236	< 10	< 10	0.0%	464250	< 10	< 10	0.0%
Sn	464211	< 5	< 5	0.0%	464225	< 5	< 5	0.0%	464236	< 5	< 5	0.0%	464250	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	464211	148	146	1.4%	464225	154	153	0.7%	464236	249	247	0.8%	464250	33	33	0.0%
Ta	464211	< 10	< 10	0.0%	464225	< 10	< 10	0.0%	464236	< 10	< 10	0.0%	464250	< 10	< 10	0.0%
Te	464211	< 10	< 10	0.0%	464225	< 10	< 10	0.0%	464236	< 10	< 10	0.0%	464250	< 10	< 10	0.0%
Th	464211	< 5	< 5	0.0%	464225	41	48	15.7%	464236	< 5	< 5	0.0%	464250	13	13	0.0%
Ti	464211	0.694	0.684	1.5%	464225	0.03	0.03	0.0%	464236	0.863	0.855	0.9%	464250	0.01	0.01	0.0%
Tl	464211	< 5	< 5	0.0%	464225	< 5	< 5	0.0%	464236	< 5	< 5	0.0%	464250	< 5	< 5	0.0%
U	464211	< 50	< 50	0.0%	464225	< 50	< 50	0.0%	464236	< 50	< 50	0.0%	464250	< 50	< 50	0.0%
V	464211	334	327	2.1%	464225	31.1	31.0	0.3%	464236	196	197	0.5%	464250	2.21	2.28	3.1%
W	464211	< 1	< 1	0.0%	464225	< 1	< 1	0.0%	464236	< 1	< 1	0.0%	464250	< 1	< 1	0.0%
Y	464211	22	21	4.7%	464225	8	8	0.0%	464236	24	24	0.0%	464250	6	6	0.0%
Zn	464211	82.3	83.3	1.2%	464225	18.0	18.4	2.2%	464236	117	117	0.0%	464250	7.71	7.35	4.8%
Zr	464211	22	24	8.7%	464225	14	17	19.4%	464236	21	23	9.1%	464250	27	28	3.6%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	464261	< 0.5	< 0.5	0.0%	464275	< 0.5	< 0.5	0.0%								
Al	464261	7.00	6.99	0.1%	464275	8.35	8.19	1.9%								
As	464261	< 1	< 1	0.0%	464275	< 1	< 1	0.0%								
Ba	464261	86	83	3.6%	464275	539	540	0.2%								
Be	464261	0.5	0.5	0.0%	464275	0.96	0.93	3.2%								
Bi	464261	< 1	< 1	0.0%	464275	< 1	< 1	0.0%								
Ca	464261	6.25	6.11	2.3%	464275	3.49	3.42	2.0%								
Cd	464261	< 0.5	< 0.5	0.0%	464275	< 0.5	< 0.5	0.0%								
Ce	464261	< 1	2		464275	56	52	7.4%								
Co	464261	36.2	36.9	1.9%	464275	24.8	24.3	2.0%								
Cr	464261	11.6	15.2	26.9%	464275	126	143	12.6%								
Cu	464261	79.2	74.4	6.3%	464275	43.9	43.0	2.1%								
Fe	464261	10.6	10.6	0.0%	464275	6.00	5.97	0.5%								
Ga	464261	23	23	0.0%	464275	19	19	0.0%								
In	464261	< 1	< 1	0.0%	464275	< 1	< 1	0.0%								
K	464261	0.248	0.230	7.5%	464275	1.67	1.67	0.0%								
La	464261	5	6	18.2%	464275	27	25	7.7%								
Li	464261	11	11	0.0%	464275	23	23	0.0%								
Mg	464261	2.72	2.75	1.1%	464275	2.01	2.00	0.5%								
Mn	464261	2000	1990	0.5%	464275	1290	1250	3.1%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	464261	1.81	2.15	17.2%	464275	1.6	1.6	0.0%								
Na	464261	2.13	2.08	2.4%	464275	2.84	2.77	2.5%								
Ni	464261	26.1	27.2	4.1%	464275	74.2	73.1	1.5%								
P	464261	504	495	1.8%	464275	683	672	1.6%								
Pb	464261	< 20	< 20	0.0%	464275	< 20	< 20	0.0%								
Rb	464261	< 50	< 50	0.0%	464275	< 50	< 50	0.0%								
S	464261	0.142	0.134	5.8%	464275	0.08	0.08	0.0%								
Sb	464261	< 1	< 1	0.0%	464275	< 1	< 1	0.0%								
Sc	464261	47	48	2.1%	464275	23	23	0.0%								
Se	464261	< 10	< 10	0.0%	464275	< 10	< 10	0.0%								
Sn	464261	< 5	< 5	0.0%	464275	< 5	< 5	0.0%								
Sr	464261	119	116	2.6%	464275	388	378	2.6%								
Ta	464261	< 10	< 10	0.0%	464275	< 10	< 10	0.0%								
Te	464261	< 10	< 10	0.0%	464275	< 10	< 10	0.0%								
Th	464261	< 5	< 5	0.0%	464275	< 5	< 5	0.0%								
Ti	464261	1.03	1.03	0.0%	464275	0.47	0.47	0.0%								
Tl	464261	< 5	< 5	0.0%	464275	< 5	< 5	0.0%								
U	464261	< 50	< 50	0.0%	464275	< 50	< 50	0.0%								
V	464261	443	455	2.7%	464275	168	167	0.6%								
W	464261	< 1	< 1	0.0%	464275	< 1	< 1	0.0%								
Y	464261	40	41	2.5%	464275	18	18	0.0%								
Zn	464261	128	127	0.8%	464275	101	101	0.0%								
Zr	464261	18	19	5.4%	464275	106	105	0.9%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	464211	0.002	0.002	0.0%	464225	0.001	0.002		464236	0.015	0.002		464250	0.001	< 0.001	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	464261	0.002	0.002	0.0%	464275	0.005	0.005	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.1P5R)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS6F)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	3.04	100%	90% - 110%
Al	10.95	10.76	98%	90% - 110%	8.17	8.28	101%	90% - 110%	6.96	7.01	101%	90% - 110%	4.75	4.92	104%	90% - 110%
As					26	22	86%	90% - 110%	124	119	96%	90% - 110%				
Ba	340	322	95%	90% - 110%	540	518	96%	90% - 110%	186	181	97%	90% - 110%	216	207	96%	90% - 110%
Be	2.6	2.4	92%	90% - 110%	4.0	3.1	79%	90% - 110%								
Ca	5.72	5.45	95%	90% - 110%	0.907	0.871	96%	90% - 110%	4.01	3.78	94%	90% - 110%	10	9	91%	90% - 110%
Ce	122	120	98%	90% - 110%	98	98	100%	90% - 110%	24	20	84%	90% - 110%				
Co									22.1	20.2	92%	90% - 110%	191	171	90%	90% - 110%
Cr					60.3	63.9	106%	90% - 110%					670	671	100%	90% - 110%
Cu					150	148	98%	90% - 110%	88.6	82	93%	90% - 110%	7120	7214	101%	90% - 110%
Fe	4.34	3.94	91%	90% - 110%	3.77	3.6	95%	90% - 110%	7.56	7.14	94%	90% - 110%	12.71	11.84	93%	90% - 110%
Ga	35	34	98%	90% - 110%												
K	1.37	1.45	106%	90% - 110%					2.021	2.129	105%	90% - 110%	0.1021	0.1055	103%	90% - 110%
La	58	55	94%	90% - 110%	44	43	97%	90% - 110%					8.47	8.09	95%	90% - 110%
Li	37	38	103%	90% - 110%	47	47	101%	90% - 110%								
Mg	0.325	0.301	93%	90% - 110%	1.10	1.12	102%	90% - 110%	2.412	2.539	105%	90% - 110%	7.41	7.85	106%	90% - 110%
Mn					780	746	96%	90% - 110%	1510	1419	94%	90% - 110%				
Mo					14	15	106%	90% - 110%								
Na	5.267	5.412	103%	90% - 110%	1.624	1.717	106%	90% - 110%	0.617	0.625	101%	90% - 110%	0.112	0.12	107%	90% - 110%
Ni	9	6	70%	90% - 110%	32	34	107%	90% - 110%	77.1	74.8	97%	90% - 110%	2480	2234	90%	90% - 110%
P					750	726	97%	90% - 110%	892	835	94%	90% - 110%	731	690	94%	90% - 110%
Pb	10	9	88%	90% - 110%	31	31	101%	90% - 110%								
S									0.348	0.331	95%	90% - 110%				
Sc	1.1	1	90%	90% - 110%	12	13	108%	90% - 110%					21.33	22.1	104%	90% - 110%
Sr	1191	1150	97%	90% - 110%	144	151	105%	90% - 110%	92.8	87.1	94%	90% - 110%	39	38	97%	90% - 110%
Ti	0.172	0.165	96%	90% - 110%	0.53	0.48	90%	90% - 110%					0.419	0.411	98%	90% - 110%
V	8	7	93%	90% - 110%	77	83	107%	90% - 110%					158	173	109%	90% - 110%
Y	119	128	107%	90% - 110%									12.67	13.67	108%	90% - 110%
Zn	93	90	97%	90% - 110%	130	124	95%	90% - 110%	208	211	101%	90% - 110%	112	118	105%	90% - 110%
Zr													35.7	38.4	107%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.1P5R)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS6F)				CRM #4 (ref.GS4H)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	1.81	1.83	101%	90% - 110%	0.725	0.716	99%	90% - 110%	6.87	6.65	97%	90% - 110%	5.01	5.08	101%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00752  
 SAMPLING SITE:

AGAT WORK ORDER: 19T508759  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00753

AGAT WORK ORDER: 19T508761

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Sep 10, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

# Certificate of Analysis

AGAT WORK ORDER: 19T508761

PROJECT: AGAT00753

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 10, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D73593 (464287)		2.13
D73594 (464288)		2.23
D73595 (464289)		2.28
D73596 (464290)		1.98
D73597 (464291)		2.30
D73598 (464292)		2.30
D73599 (464293)		2.16
D73600 (464294)		1.91
D73601 (464295)		2.17
D73602 (464296)		2.22
D73603 (464297)		2.40
D73604 (464298)		2.23
D73605 (464299)		2.31
D73606 (464300)		0.07
D73607 (464301)		0.89
D73608 (464302)		2.57
D73609 (464303)		2.31
D73610 (464304)		2.27
D73611 (464305)		2.53
D73612 (464306)		0.73
D73613 (464307)		3.03
D73614 (464308)		1.88
D73615 (464309)		3.44
D73616 (464310)		2.26
D73617 (464311)		3.56
D73618 (464312)		3.56
D73619 (464313)		2.68
D73620 (464314)		2.62
D73621 (464315)		2.20
D73622 (464316)		2.30
D73623 (464317)		2.15

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T508761

PROJECT: AGAT00753

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 MISSISSAUGA, ONTARIO  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 22, 2019      DATE RECEIVED: Aug 22, 2019      DATE REPORTED: Sep 10, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D73624 (464318)		2.17
D73625 (464319)		2.21
D73626 (464320)		0.07
D73627 (464321)		2.42
D73628 (464322)		2.28
D73629 (464323)		2.37
D73630 (464324)		2.17
D73631 (464325)		2.28
D73632 (464326)		0.69
D73633 (464327)		2.24
D73634 (464328)		1.86
D73635 (464329)		2.16
D73636 (464330)		2.26
D73637 (464331)		2.30
D73638 (464332)		2.30
D73639 (464333)		2.24
D73640 (464334)		2.26
D73641 (464335)		2.01
D73642 (464336)		2.24
D73643 (464337)		2.25
D73644 (464338)		1.86
D73645 (464339)		0.82
D73646 (464340)		0.07
D73647 (464341)		1.93
D73648 (464342)		2.26
D73649 (464343)		2.43
D73650 (464344)		2.23
D73651 (464345)		2.28
D73652 (464346)		0.71
D73653 (464347)		1.57
D73654 (464348)		1.14

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T508761

PROJECT: AGAT00753

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 10, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D73655 (464349)		1.60
D73656 (464350)		2.17
D73657 (464351)		2.35
D73658 (464352)		2.35
D73659 (464353)		2.09
D73660 (464354)		2.31
D73661 (464355)		2.05
D73662 (464356)		2.24
D73663 (464357)		2.26
D73664 (464358)		1.51

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T508761

PROJECT: AGAT00753

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019	DATE RECEIVED: Aug 22, 2019							DATE REPORTED: Sep 10, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D73593 (464287)	<0.5	8.00	<1	585	1.2	<1	3.15	0.8	40	22.0	107	47.1	5.08	18	
D73594 (464288)	<0.5	7.59	<1	531	1.6	<1	3.61	<0.5	47	22.7	117	49.9	5.20	18	
D73595 (464289)	0.6	7.97	<1	588	0.9	<1	3.55	<0.5	38	23.9	127	52.7	5.69	18	
D73596 (464290)	<0.5	7.70	<1	479	1.3	<1	3.09	<0.5	40	20.1	107	43.1	4.64	18	
D73597 (464291)	<0.5	7.74	<1	535	1.3	<1	3.51	<0.5	41	23.1	123	56.9	5.19	18	
D73598 (464292)	<0.5	7.67	<1	549	1.2	<1	3.59	<0.5	41	23.5	119	57.8	5.35	18	
D73599 (464293)	<0.5	7.88	<1	605	1.0	<1	3.60	<0.5	34	21.9	127	43.5	5.34	18	
D73600 (464294)	<0.5	7.93	<1	536	0.8	<1	3.25	<0.5	37	22.7	110	55.5	5.16	18	
D73601 (464295)	0.8	8.01	<1	549	1.0	<1	3.37	<0.5	40	23.5	117	61.3	5.52	19	
D73602 (464296)	<0.5	7.87	<1	625	0.8	<1	3.31	<0.5	39	23.0	109	49.0	5.32	18	
D73603 (464297)	<0.5	7.69	<1	594	1.0	<1	2.85	<0.5	42	20.0	98.6	45.2	4.91	17	
D73604 (464298)	<0.5	7.31	<1	766	1.4	<1	4.20	<0.5	46	24.4	197	41.1	5.54	16	
D73605 (464299)	0.6	7.04	4	590	23.2	<1	3.43	<0.5	43	20.2	96.0	46.5	4.44	16	
D73606 (464300)	<0.5	7.23	<1	143	<0.5	<1	6.76	<0.5	<1	41.5	185	153	7.84	16	
D73607 (464301)	<0.5	3.54	76	471	6.8	<1	6.75	2.3	92	47.1	203	75.1	6.72	11	
D73608 (464302)	<0.5	7.35	<1	622	1.4	<1	2.77	<0.5	42	18.6	107	41.0	4.54	17	
D73609 (464303)	<0.5	7.47	<1	695	1.1	<1	2.81	<0.5	45	17.6	85.8	36.3	4.29	18	
D73610 (464304)	<0.5	7.58	7	647	1.5	<1	2.62	<0.5	48	20.6	96.2	47.9	4.66	18	
D73611 (464305)	0.5	7.23	2	1180	3.2	<1	2.31	<0.5	41	20.6	198	42.4	5.10	17	
D73612 (464306)	<0.5	0.08	<1	16	<0.5	<1	32.1	<0.5	<1	0.6	11.2	<0.5	0.10	<5	
D73613 (464307)	<0.5	2.27	<1	255	5.7	<1	7.53	<0.5	115	63.6	537	82.9	7.38	8	
D73614 (464308)	<0.5	7.24	4	782	2.0	<1	2.01	<0.5	72	18.6	162	42.4	5.42	18	
D73615 (464309)	0.9	6.59	3	1330	4.5	<1	2.52	<0.5	59	23.0	231	35.1	5.57	16	
D73616 (464310)	<0.5	3.00	<1	878	3.7	<1	6.05	<0.5	78	62.6	687	109	8.91	13	
D73617 (464311)	0.9	2.90	22	340	7.0	<1	6.66	0.8	82	54.3	476	66.8	6.97	11	
D73618 (464312)	<0.5	2.91	19	465	6.6	<1	6.76	0.9	93	53.6	519	69.3	7.13	11	
D73619 (464313)	<0.5	7.47	3	996	1.9	<1	3.55	<0.5	44	20.0	148	42.7	4.81	17	
D73620 (464314)	<0.5	7.19	2	522	1.4	<1	2.77	<0.5	40	16.4	194	41.4	3.79	16	
D73621 (464315)	<0.5	7.73	<1	674	0.8	<1	3.19	<0.5	45	18.4	138	40.0	4.40	17	
D73622 (464316)	<0.5	7.50	<1	492	0.9	<1	3.03	<0.5	41	19.5	203	37.7	4.35	17	
D73623 (464317)	<0.5	7.66	<1	642	1.1	<1	2.95	<0.5	47	18.3	167	45.4	4.55	17	
D73624 (464318)	<0.5	7.58	<1	679	0.9	<1	2.83	<0.5	43	19.8	169	39.2	4.57	17	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T508761

PROJECT: AGAT00753

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019	DATE RECEIVED: Aug 22, 2019							DATE REPORTED: Sep 10, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D73625 (464319)	<0.5	7.20	13	684	1.5	<1	3.52	0.7	52	20.6	226	33.4	4.61	17	
D73626 (464320)	<0.5	7.47	<1	190	<0.5	<1	6.44	<0.5	8	38.3	196	107	7.71	17	
D73627 (464321)	1.0	7.53	2	658	2.4	<1	2.71	<0.5	43	18.2	208	38.4	4.22	18	
D73628 (464322)	<0.5	2.94	<1	708	2.5	<1	7.74	<0.5	94	62.6	704	107	9.17	13	
D73629 (464323)	<0.5	7.30	<1	570	0.9	<1	2.97	<0.5	46	18.9	175	42.3	4.40	16	
D73630 (464324)	<0.5	7.63	<1	543	0.9	<1	2.66	<0.5	47	17.6	163	37.8	4.18	18	
D73631 (464325)	<0.5	7.39	3	539	0.9	<1	2.81	<0.5	45	20.6	139	48.2	4.22	16	
D73632 (464326)	<0.5	0.07	1	15	<0.5	<1	31.6	<0.5	<1	0.6	7.2	<0.5	0.10	<5	
D73633 (464327)	<0.5	7.71	<1	730	1.5	<1	3.22	<0.5	57	17.1	140	41.8	3.85	17	
D73634 (464328)	<0.5	7.75	<1	728	1.1	<1	2.91	<0.5	58	17.9	183	43.0	4.12	18	
D73635 (464329)	<0.5	7.75	<1	697	0.9	<1	2.78	<0.5	52	16.0	138	29.6	4.28	18	
D73636 (464330)	<0.5	7.40	<1	614	0.9	<1	2.64	<0.5	51	16.2	151	35.4	3.83	16	
D73637 (464331)	<0.5	7.21	<1	646	0.9	<1	2.35	<0.5	46	16.5	190	38.1	4.04	16	
D73638 (464332)	<0.5	7.10	<1	638	0.9	<1	2.32	<0.5	48	16.4	129	37.6	3.97	16	
D73639 (464333)	<0.5	7.62	1	822	1.0	<1	3.04	<0.5	54	17.3	146	35.7	3.59	17	
D73640 (464334)	<0.5	7.42	<1	701	1.2	<1	3.23	<0.5	57	16.7	186	29.3	3.61	17	
D73641 (464335)	<0.5	7.62	<1	815	1.2	<1	3.28	<0.5	49	19.6	212	43.1	4.00	17	
D73642 (464336)	<0.5	7.44	<1	773	1.0	<1	3.34	<0.5	54	20.7	190	29.9	4.33	17	
D73643 (464337)	<0.5	7.31	<1	740	1.0	<1	3.29	<0.5	53	21.5	224	54.5	4.41	17	
D73644 (464338)	<0.5	6.48	<1	851	3.3	<1	4.66	<0.5	41	26.0	310	23.1	4.89	15	
D73645 (464339)	<0.5	3.97	<1	390	2.3	<1	8.46	<0.5	138	45.4	1490	102	8.62	14	
D73646 (464340)	<0.5	7.47	<1	191	<0.5	<1	6.50	<0.5	9	38.9	188	107	7.83	17	
D73647 (464341)	<0.5	6.57	<1	824	1.1	<1	4.63	<0.5	49	30.2	423	31.5	5.20	14	
D73648 (464342)	<0.5	6.43	2	974	1.5	<1	4.69	<0.5	49	32.3	499	45.1	5.34	15	
D73649 (464343)	<0.5	6.58	<1	946	1.7	<1	4.53	<0.5	47	31.5	527	36.8	5.21	14	
D73650 (464344)	<0.5	6.49	<1	1140	1.3	<1	4.54	<0.5	45	33.8	585	39.7	5.12	13	
D73651 (464345)	<0.5	5.99	<1	1070	1.3	<1	4.51	<0.5	42	32.0	584	55.4	4.56	11	
D73652 (464346)	<0.5	0.06	<1	13	<0.5	<1	32.9	<0.5	<1	0.6	9.4	<0.5	0.10	<5	
D73653 (464347)	<0.5	5.22	<1	693	1.2	<1	4.95	<0.5	39	36.2	676	7.2	4.79	10	
D73654 (464348)	<0.5	4.47	<1	349	1.1	<1	0.70	<0.5	10	1.4	107	17.3	0.44	11	
D73655 (464349)	<0.5	6.97	<1	655	1.2	<1	3.10	<0.5	44	21.5	281	47.3	4.14	15	
D73656 (464350)	<0.5	7.66	<1	636	1.4	<1	2.87	<0.5	47	16.5	212	39.4	3.69	17	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T508761

PROJECT: AGAT00753

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019		DATE RECEIVED: Aug 22, 2019						DATE REPORTED: Sep 10, 2019				SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D73657 (464351)		<0.5	7.46	<1	597	1.8	<1	2.37	<0.5	57	14.8	143	11.1	3.57	18
D73658 (464352)		<0.5	7.62	3	617	1.7	<1	2.43	<0.5	60	15.4	223	11.6	3.62	19
D73659 (464353)		<0.5	7.81	<1	655	1.6	<1	2.53	<0.5	45	11.9	146	25.7	2.84	19
D73660 (464354)		<0.5	7.72	<1	814	2.3	<1	3.14	<0.5	69	11.4	193	15.9	3.04	19
D73661 (464355)		<0.5	7.97	<1	777	1.5	<1	2.89	<0.5	47	12.0	197	11.7	2.85	20
D73662 (464356)		<0.5	7.35	<1	767	1.5	<1	2.63	<0.5	42	10.6	211	9.1	2.46	18
D73663 (464357)		<0.5	8.01	1	847	2.0	<1	3.03	<0.5	44	11.3	161	8.5	2.92	20
D73664 (464358)		<0.5	8.00	<1	835	1.4	<1	2.68	<0.5	47	11.7	124	4.3	2.74	20

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 10, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D73593 (464287)		<1	1.64	21	22	1.99	903	1.8	2.95	54.8	710	<20	<50	0.14	<1
D73594 (464288)		<1	1.68	25	29	1.89	879	1.8	3.04	58.5	690	<20	<50	0.12	<1
D73595 (464289)		<1	1.53	20	26	2.08	1080	2.3	2.83	59.5	709	<20	<50	0.12	<1
D73596 (464290)		<1	1.33	22	27	1.76	874	1.9	3.05	52.0	701	<20	<50	0.10	<1
D73597 (464291)		<1	1.50	22	26	2.07	918	2.0	2.85	61.6	700	<20	<50	0.11	<1
D73598 (464292)		<1	1.52	22	26	2.12	923	2.0	2.87	61.7	733	<20	<50	0.12	<1
D73599 (464293)		<1	1.48	18	23	2.02	989	1.7	2.80	55.8	648	<20	<50	0.09	<1
D73600 (464294)		<1	1.50	19	26	1.99	898	1.9	2.86	56.6	624	<20	<50	0.11	<1
D73601 (464295)		<1	1.41	21	27	2.03	960	1.9	2.99	58.0	853	<20	<50	0.11	<1
D73602 (464296)		<1	1.35	21	26	2.04	972	1.7	2.94	58.6	696	<20	<50	0.12	<1
D73603 (464297)		<1	1.53	21	30	2.17	750	2.0	2.93	50.7	775	<20	<50	0.11	<1
D73604 (464298)		<1	1.56	24	20	2.94	995	1.9	2.62	62.1	1070	<20	<50	0.09	<1
D73605 (464299)		<1	2.14	23	48	1.84	869	2.3	3.09	56.9	850	<20	<50	0.17	<1
D73606 (464300)		<1	0.21	4	13	4.39	1370	1.5	2.34	86.7	431	<20	<50	0.16	<1
D73607 (464301)		<1	3.25	47	730	5.24	1400	2.5	1.32	228	2040	<20	<50	0.20	<1
D73608 (464302)		<1	1.78	22	22	1.76	796	2.2	3.18	53.7	827	<20	<50	0.11	<1
D73609 (464303)		<1	1.69	23	24	1.67	762	1.6	3.03	45.5	714	<20	<50	0.09	<1
D73610 (464304)		<1	1.76	24	25	2.10	698	2.2	3.11	51.0	932	<20	<50	0.12	<1
D73611 (464305)		<1	1.97	22	56	3.23	590	8.5	3.47	82.5	904	<20	<50	0.12	<1
D73612 (464306)		<1	0.02	2	1	3.25	127	0.5	0.04	0.7	98	<20	<50	0.07	<1
D73613 (464307)		<1	1.08	60	303	9.29	1780	3.8	0.98	407	1310	<20	<50	0.24	<1
D73614 (464308)		<1	2.03	36	38	3.28	547	5.0	2.77	81.1	862	<20	<50	0.11	<1
D73615 (464309)		<1	1.86	30	74	4.10	668	6.3	3.28	120	682	<20	<50	0.12	<1
D73616 (464310)		<1	2.07	49	48	10.4	1620	4.1	1.24	477	2090	<20	<50	0.24	<1
D73617 (464311)		<1	1.88	42	187	8.26	1380	3.0	1.94	394	981	<20	<50	0.18	<1
D73618 (464312)		<1	2.00	49	188	8.73	1500	3.2	1.84	423	1370	<20	<50	0.21	<1
D73619 (464313)		<1	1.85	23	31	2.21	789	4.1	3.24	54.1	954	<20	<50	0.12	<1
D73620 (464314)		<1	1.82	21	27	1.50	702	11.4	3.16	47.1	591	<20	<50	0.12	<1
D73621 (464315)		<1	1.79	23	23	1.69	809	4.5	2.81	49.0	712	<20	<50	0.10	<1
D73622 (464316)		<1	1.96	22	22	1.69	815	11.6	2.80	53.1	699	<20	<50	0.13	<1
D73623 (464317)		<1	1.72	24	20	1.67	932	4.4	2.95	49.0	816	<20	<50	0.12	<1
D73624 (464318)		<1	1.56	22	23	1.90	800	4.4	3.13	53.3	823	<20	<50	0.10	<1

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T508761

PROJECT: AGAT00753

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019

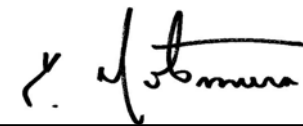
DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 10, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D73625 (464319)		<1	1.68	27	49	2.10	926	9.6	3.14	64.9	924	<20	<50	0.12	<1
D73626 (464320)		<1	0.45	9	11	4.38	1320	2.0	2.40	104	913	<20	<50	0.11	<1
D73627 (464321)		<1	1.39	22	33	1.70	758	11.2	3.59	50.1	783	<20	<50	0.12	<1
D73628 (464322)		<1	1.94	55	22	10.7	1500	2.6	0.94	520	1650	<20	<50	0.18	<1
D73629 (464323)		<1	1.32	24	22	1.74	874	8.4	3.28	52.7	791	<20	<50	0.16	<1
D73630 (464324)		<1	1.23	24	20	1.59	758	8.8	3.22	42.9	729	<20	<50	0.14	<1
D73631 (464325)		<1	1.59	23	23	1.66	740	4.3	2.79	50.7	684	<20	<50	0.16	<1
D73632 (464326)		<1	0.02	<2	1	3.12	116	<0.5	0.05	0.6	77	<20	<50	0.07	<1
D73633 (464327)		<1	1.85	29	29	1.65	668	4.2	2.68	46.1	750	<20	<50	0.11	<1
D73634 (464328)		<1	1.78	31	32	1.62	767	9.3	2.96	46.1	783	<20	<50	0.12	<1
D73635 (464329)		<1	1.96	27	41	1.48	821	4.2	2.95	41.6	736	<20	<50	0.10	<1
D73636 (464330)		<1	1.61	26	23	1.32	742	7.7	3.03	41.3	734	<20	<50	0.12	<1
D73637 (464331)		<1	1.57	24	25	1.47	739	9.7	3.07	41.8	733	<20	<50	0.14	<1
D73638 (464332)		<1	1.55	24	20	1.46	731	4.3	2.98	41.0	696	<20	<50	0.14	<1
D73639 (464333)		<1	1.77	27	23	1.68	555	4.3	2.92	46.0	734	<20	<50	0.20	<1
D73640 (464334)		<1	1.78	29	30	1.66	634	8.3	3.12	49.1	806	<20	<50	0.10	<1
D73641 (464335)		<1	1.73	26	23	1.78	653	17.2	2.90	48.6	748	<20	<50	0.41	<1
D73642 (464336)		<1	1.92	28	25	2.15	760	8.4	2.79	49.0	851	<20	<50	0.17	<1
D73643 (464337)		<1	1.78	27	24	2.19	754	10.0	2.80	52.4	894	<20	<50	0.22	<1
D73644 (464338)		<1	2.14	20	125	3.62	924	3.6	3.10	66.1	1120	<20	<50	0.05	<1
D73645 (464339)		<1	1.87	75	30	6.99	1650	6.8	0.77	261	2140	<20	<50	0.25	<1
D73646 (464340)		<1	0.45	10	11	4.35	1360	1.8	2.45	104	917	<20	<50	0.11	<1
D73647 (464341)		<1	1.73	24	27	4.62	955	6.4	2.46	99.1	1090	<20	<50	0.05	<1
D73648 (464342)		<1	2.27	24	40	4.82	949	5.8	2.26	107	1170	<20	<50	0.07	1
D73649 (464343)		<1	2.30	23	53	5.33	905	5.8	2.31	129	1150	<20	<50	0.05	<1
D73650 (464344)		<1	2.28	22	36	5.97	881	2.9	2.20	160	1180	<20	<50	0.03	<1
D73651 (464345)		<1	2.19	20	34	5.61	882	6.4	2.16	148	1130	<20	<50	0.03	<1
D73652 (464346)		<1	0.02	2	<1	3.05	139	<0.5	0.04	0.7	83	<20	<50	0.09	<1
D73653 (464347)		<1	2.23	19	55	6.37	933	2.4	1.89	184	1060	<20	<50	0.03	2
D73654 (464348)		<1	2.87	4	7	0.16	86	20.8	1.71	9.2	125	21	<50	0.01	<1
D73655 (464349)		<1	1.93	22	41	2.60	717	3.8	2.84	75.9	747	<20	<50	0.10	<1
D73656 (464350)		<1	1.79	24	34	1.56	605	12.3	3.41	46.8	718	<20	<50	0.08	<1

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T508761

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019	DATE RECEIVED: Aug 22, 2019		DATE REPORTED: Sep 10, 2019				SAMPLE TYPE: Drill Core								
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D73657 (464351)	<1	2.00	28	37	1.40	598	4.5	3.37	42.6	619	<20	<50	0.03	<1	
D73658 (464352)	<1	2.05	30	38	1.42	606	12.1	3.48	46.2	650	<20	<50	0.03	<1	
D73659 (464353)	<1	1.86	21	30	1.50	534	4.3	3.79	35.5	701	<20	<50	0.05	<1	
D73660 (464354)	<1	1.97	30	20	1.54	458	10.1	3.91	38.2	625	<20	<50	0.04	<1	
D73661 (464355)	<1	1.81	23	33	1.55	452	9.2	4.01	38.5	711	<20	<50	0.04	<1	
D73662 (464356)	<1	1.94	20	26	1.31	389	12.2	3.62	34.0	600	<20	<50	0.05	<1	
D73663 (464357)	<1	2.03	22	35	1.56	440	4.4	4.06	37.4	654	<20	<50	0.03	<1	
D73664 (464358)	<1	1.82	23	33	1.47	430	3.3	4.02	35.3	701	<20	<50	0.03	<1	

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T508761

PROJECT: AGAT00753

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019	DATE RECEIVED: Aug 22, 2019					DATE REPORTED: Sep 10, 2019					SAMPLE TYPE: Drill Core				
Analyte: Unit: RDL:	Sc ppm 1	Se ppm 10	Sn ppm 5	Sr ppm 1	Ta ppm 10	Te ppm 10	Th ppm 5	Ti % 0.01	Tl ppm 5	U ppm 50	V ppm 0.5	W ppm 1	Y ppm 1	Zn ppm 0.5	
Sample ID (AGAT ID)															
D73593 (464287)	20	<10	<5	450	<10	<10	<5	0.43	<5	<50	148	<1	15	297	
D73594 (464288)	22	<10	<5	447	<10	<10	<5	0.41	<5	<50	147	<1	16	75.1	
D73595 (464289)	22	<10	<5	423	<10	<10	<5	0.45	<5	<50	162	<1	17	100	
D73596 (464290)	18	<10	<5	472	<10	<10	<5	0.40	<5	<50	130	<1	15	82.1	
D73597 (464291)	20	<10	<5	430	<10	<10	<5	0.46	<5	<50	149	<1	15	70.3	
D73598 (464292)	21	<10	<5	441	<10	<10	<5	0.50	<5	<50	156	<1	16	71.4	
D73599 (464293)	21	<10	<5	447	<10	<10	<5	0.42	<5	<50	153	<1	16	83.0	
D73600 (464294)	21	<10	<5	454	<10	<10	<5	0.43	<5	<50	148	<1	15	91.2	
D73601 (464295)	21	<10	<5	479	<10	<10	<5	0.45	<5	<50	153	<1	16	74.4	
D73602 (464296)	21	<10	<5	445	<10	<10	<5	0.45	<5	<50	154	<1	16	86.1	
D73603 (464297)	18	<10	<5	469	<10	<10	<5	0.40	<5	<50	134	<1	15	63.6	
D73604 (464298)	23	<10	<5	515	<10	<10	<5	0.44	<5	<50	156	<1	19	106	
D73605 (464299)	20	<10	<5	468	<10	<10	<5	0.34	<5	<50	135	<1	18	65.6	
D73606 (464300)	47	<10	<5	108	<10	<10	<5	0.68	<5	<50	317	<1	23	82.8	
D73607 (464301)	54	<10	<5	753	<10	<10	10	0.53	<5	<50	350	<1	20	66.8	
D73608 (464302)	17	<10	<5	414	<10	<10	<5	0.37	<5	<50	121	<1	14	104	
D73609 (464303)	16	<10	<5	450	<10	<10	<5	0.37	<5	<50	119	<1	15	92.6	
D73610 (464304)	18	<10	<5	392	<10	<10	<5	0.38	<5	<50	126	<1	14	80.7	
D73611 (464305)	20	<10	<5	353	<10	<10	<5	0.38	<5	<50	138	<1	13	46.7	
D73612 (464306)	<1	<10	<5	63	<10	<10	<5	<0.01	<5	<50	1.5	<1	2	3.5	
D73613 (464307)	37	<10	<5	789	<10	<10	<5	0.81	<5	<50	244	<1	31	51.6	
D73614 (464308)	17	<10	<5	321	<10	<10	<5	0.36	<5	<50	123	<1	11	58.1	
D73615 (464309)	19	<10	<5	364	<10	<10	<5	0.49	<5	<50	150	<1	18	50.5	
D73616 (464310)	21	<10	<5	858	<10	<10	<5	1.59	<5	<50	257	<1	38	68.3	
D73617 (464311)	29	<10	<5	759	<10	<10	<5	0.74	<5	<50	252	<1	35	42.2	
D73618 (464312)	26	<10	<5	923	<10	<10	<5	0.81	<5	<50	250	<1	40	49.7	
D73619 (464313)	18	<10	<5	398	<10	<10	<5	0.38	<5	<50	126	<1	18	59.6	
D73620 (464314)	14	<10	<5	364	<10	<10	<5	0.31	<5	<50	101	<1	13	68.1	
D73621 (464315)	17	<10	<5	462	<10	<10	<5	0.40	<5	<50	125	<1	14	76.4	
D73622 (464316)	17	<10	<5	412	<10	<10	<5	0.39	<5	<50	124	<1	14	83.3	
D73623 (464317)	16	<10	<5	534	<10	<10	<5	0.39	<5	<50	120	<1	16	81.3	
D73624 (464318)	18	<10	<5	453	<10	<10	<5	0.42	<5	<50	133	<1	16	90.8	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T508761

PROJECT: AGAT00753

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 10, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D73625 (464319)	18	<10	<5	516	<10	<10	<5	0.44	<5	<50	134	<1	17	70.8
D73626 (464320)	35	<10	<5	241	<10	<10	<5	0.87	<5	<50	245	<1	23	93.3
D73627 (464321)	17	<10	<5	492	<10	<10	<5	0.37	<5	<50	122	<1	17	74.5
D73628 (464322)	22	<10	<5	675	<10	<10	<5	1.63	<5	<50	251	<1	28	99.6
D73629 (464323)	16	<10	<5	532	<10	<10	<5	0.41	<5	<50	122	<1	17	71.5
D73630 (464324)	15	<10	<5	499	<10	<10	<5	0.37	<5	<50	118	<1	13	62.5
D73631 (464325)	17	<10	<5	425	<10	<10	<5	0.40	<5	<50	128	<1	14	64.9
D73632 (464326)	<1	<10	<5	63	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	3.5
D73633 (464327)	15	<10	<5	533	<10	<10	<5	0.37	<5	<50	116	<1	14	72.9
D73634 (464328)	15	<10	<5	661	<10	<10	<5	0.38	<5	<50	120	<1	14	78.8
D73635 (464329)	15	<10	<5	576	<10	<10	<5	0.39	<5	<50	115	<1	14	74.7
D73636 (464330)	14	<10	<5	493	<10	<10	<5	0.35	<5	<50	110	<1	13	103
D73637 (464331)	14	<10	<5	568	<10	<10	<5	0.35	<5	<50	110	<1	12	92.1
D73638 (464332)	14	<10	<5	558	<10	<10	<5	0.35	<5	<50	108	<1	12	91.3
D73639 (464333)	14	<10	<5	549	<10	<10	<5	0.34	<5	<50	111	<1	12	81.7
D73640 (464334)	14	<10	<5	584	<10	<10	<5	0.33	<5	<50	107	<1	13	79.1
D73641 (464335)	17	<10	<5	618	<10	<10	<5	0.36	<5	<50	125	<1	14	74.5
D73642 (464336)	18	<10	<5	700	<10	<10	<5	0.39	<5	<50	131	<1	15	82.5
D73643 (464337)	19	<10	<5	600	<10	<10	<5	0.41	<5	<50	137	<1	15	81.2
D73644 (464338)	28	<10	<5	596	<10	<10	<5	0.36	<5	<50	162	<1	14	67.3
D73645 (464339)	31	<10	<5	609	<10	<10	<5	1.89	<5	<50	264	34	30	138
D73646 (464340)	35	<10	<5	246	<10	<10	<5	0.89	<5	<50	247	<1	23	93.6
D73647 (464341)	24	<10	<5	677	<10	<10	<5	0.37	<5	<50	145	<1	14	77.9
D73648 (464342)	24	<10	<5	571	<10	<10	<5	0.36	<5	<50	145	<1	15	81.6
D73649 (464343)	23	<10	<5	578	<10	<10	<5	0.36	<5	<50	138	<1	13	76.5
D73650 (464344)	21	<10	<5	662	<10	<10	<5	0.33	<5	<50	130	5	13	75.8
D73651 (464345)	19	<10	<5	721	<10	<10	<5	0.29	<5	<50	120	8	13	67.8
D73652 (464346)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	2.7
D73653 (464347)	21	<10	<5	505	<10	<10	<5	0.28	<5	<50	113	9	12	78.8
D73654 (464348)	1	<10	<5	131	<10	<10	6	0.02	<5	<50	5.7	2	3	7.0
D73655 (464349)	17	<10	<5	526	<10	<10	<5	0.38	<5	<50	119	<1	15	76.3
D73656 (464350)	15	<10	<5	576	<10	<10	<5	0.36	<5	<50	108	<1	15	68.4

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T508761

PROJECT: AGAT00753

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019	DATE RECEIVED: Aug 22, 2019					DATE REPORTED: Sep 10, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D73657 (464351)	13	<10	<5	465	<10	<10	<5	0.32	<5	<50	98.5	<1	15	68.7	
D73658 (464352)	13	<10	<5	468	<10	<10	<5	0.33	<5	<50	104	<1	16	69.0	
D73659 (464353)	9	<10	<5	627	<10	<10	<5	0.28	<5	<50	69.1	<1	14	66.3	
D73660 (464354)	11	<10	<5	620	<10	<10	35	0.24	<5	<50	77.7	<1	28	49.3	
D73661 (464355)	9	<10	<5	776	<10	<10	<5	0.28	<5	<50	74.9	<1	12	64.6	
D73662 (464356)	8	<10	<5	600	<10	<10	<5	0.23	<5	<50	63.8	<1	12	52.6	
D73663 (464357)	10	<10	<5	643	<10	<10	<5	0.27	<5	<50	74.3	<1	12	58.0	
D73664 (464358)	9	<10	<5	805	<10	<10	<5	0.28	<5	<50	70.8	<1	12	64.1	

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ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 10, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D73593 (464287)	109
D73594 (464288)	107
D73595 (464289)	105
D73596 (464290)	102
D73597 (464291)	106
D73598 (464292)	113
D73599 (464293)	100
D73600 (464294)	103
D73601 (464295)	103
D73602 (464296)	106
D73603 (464297)	113
D73604 (464298)	103
D73605 (464299)	109
D73606 (464300)	51
D73607 (464301)	55
D73608 (464302)	112
D73609 (464303)	115
D73610 (464304)	109
D73611 (464305)	104
D73612 (464306)	<5
D73613 (464307)	70
D73614 (464308)	92
D73615 (464309)	167
D73616 (464310)	125
D73617 (464311)	243
D73618 (464312)	153
D73619 (464313)	105
D73620 (464314)	101
D73621 (464315)	106
D73622 (464316)	103
D73623 (464317)	112
D73624 (464318)	109

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## Certificate of Analysis

AGAT WORK ORDER: 19T508761

PROJECT: AGAT00753

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019      DATE RECEIVED: Aug 22, 2019      DATE REPORTED: Sep 10, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D73625 (464319)				113
D73626 (464320)				93
D73627 (464321)				173
D73628 (464322)				58
D73629 (464323)				113
D73630 (464324)				110
D73631 (464325)				107
D73632 (464326)				<5
D73633 (464327)				105
D73634 (464328)				113
D73635 (464329)				110
D73636 (464330)				108
D73637 (464331)				97
D73638 (464332)				99
D73639 (464333)				91
D73640 (464334)				95
D73641 (464335)				84
D73642 (464336)				95
D73643 (464337)				96
D73644 (464338)				80
D73645 (464339)				179
D73646 (464340)				93
D73647 (464341)				93
D73648 (464342)				94
D73649 (464343)				102
D73650 (464344)				92
D73651 (464345)				89
D73652 (464346)				<5
D73653 (464347)				82
D73654 (464348)				52
D73655 (464349)				108
D73656 (464350)				99

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T508761

PROJECT: AGAT00753

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 10, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
Sample ID (AGAT ID)	RDL:
	5
D73657 (464351)	95
D73658 (464352)	102
D73659 (464353)	91
D73660 (464354)	92
D73661 (464355)	87
D73662 (464356)	87
D73663 (464357)	84
D73664 (464358)	86

Comments: RDL - Reported Detection Limit

464287-464358 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T508761

PROJECT: AGAT00753

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 22, 2019      DATE RECEIVED: Aug 22, 2019      DATE REPORTED: Sep 10, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D73593 (464287)		0.008	
D73594 (464288)		0.006	
D73595 (464289)		0.007	
D73596 (464290)		0.006	
D73597 (464291)		0.007	
D73598 (464292)		0.008	
D73599 (464293)		0.040	
D73600 (464294)		0.007	
D73601 (464295)		0.007	
D73602 (464296)		0.013	
D73603 (464297)		0.006	
D73604 (464298)		0.006	
D73605 (464299)		0.008	
D73606 (464300)		0.542	
D73607 (464301)		0.003	
D73608 (464302)		0.047	
D73609 (464303)		0.018	
D73610 (464304)		0.063	
D73611 (464305)		0.007	
D73612 (464306)		<0.001	
D73613 (464307)		0.003	
D73614 (464308)		0.008	
D73615 (464309)		0.006	
D73616 (464310)		0.002	
D73617 (464311)		0.002	
D73618 (464312)		0.002	
D73619 (464313)		0.013	
D73620 (464314)		0.006	
D73621 (464315)		0.006	
D73622 (464316)		0.020	
D73623 (464317)		0.044	
D73624 (464318)		0.007	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T508761

PROJECT: AGAT00753

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 10, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D73625 (464319)			0.009
D73626 (464320)			0.333
D73627 (464321)			0.021
D73628 (464322)			0.002
D73629 (464323)			0.017
D73630 (464324)			0.014
D73631 (464325)			0.007
D73632 (464326)			<0.001
D73633 (464327)			0.007
D73634 (464328)			0.009
D73635 (464329)			0.008
D73636 (464330)			0.019
D73637 (464331)			0.016
D73638 (464332)			0.016
D73639 (464333)			0.005
D73640 (464334)			0.004
D73641 (464335)			0.004
D73642 (464336)			0.004
D73643 (464337)			0.006
D73644 (464338)			0.003
D73645 (464339)			0.004
D73646 (464340)			0.333
D73647 (464341)			0.002
D73648 (464342)			0.002
D73649 (464343)			0.002
D73650 (464344)			0.003
D73651 (464345)			0.008
D73652 (464346)			<0.001
D73653 (464347)			0.004
D73654 (464348)			0.002
D73655 (464349)			0.006
D73656 (464350)			0.002

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T508761

PROJECT: AGAT00753

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 10, 2019

SAMPLE TYPE: Drill Core

Analyte:	Unit:	RDL:
Au	ppm	0.001
Sample ID (AGAT ID)		
D73657 (464351)		0.004
D73658 (464352)		0.003
D73659 (464353)		0.011
D73660 (464354)		0.016
D73661 (464355)		0.007
D73662 (464356)		0.007
D73663 (464357)		0.009
D73664 (464358)		0.008

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T508761

PROJECT: AGAT00753

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 10, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D73593 (464287)		83.27
D73611 (464305)		86.17
D73631 (464325)		84.65
D73651 (464345)		87.81

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	464287	< 0.5	< 0.5	0.0%	464301	< 0.5	< 0.5	0.0%	464312	< 0.5	< 0.5	0.0%	464326	< 0.5	< 0.5	0.0%
Al	464287	8.00	7.70	3.8%	464301	3.54	3.66	3.3%	464312	2.91	2.98	2.4%	464326	0.07	0.07	0.0%
As	464287	< 1	< 1	0.0%	464301	76	79	3.9%	464312	19	19	0.0%	464326	1	2	
Ba	464287	585	552	5.8%	464301	471	473	0.4%	464312	465	440	5.5%	464326	15	15	0.0%
Be	464287	1.22	1.02	17.9%	464301	6.8	6.7	1.5%	464312	6.64	6.84	3.0%	464326	< 0.5	< 0.5	0.0%
Bi	464287	< 1	< 1	0.0%	464301	< 1	< 1	0.0%	464312	< 1	< 1	0.0%	464326	< 1	< 1	0.0%
Ca	464287	3.15	3.14	0.3%	464301	6.75	6.89	2.1%	464312	6.76	6.80	0.6%	464326	31.6	32.2	1.9%
Cd	464287	0.8	0.7	13.3%	464301	2.3	2.6	12.2%	464312	0.9	0.9	0.0%	464326	< 0.5	< 0.5	0.0%
Ce	464287	40	40	0.0%	464301	92	94	2.2%	464312	93	87	6.7%	464326	< 1	< 1	0.0%
Co	464287	22.0	22.3	1.4%	464301	47.1	46.3	1.7%	464312	53.6	54.0	0.7%	464326	0.6	< 0.5	
Cr	464287	107	111	3.7%	464301	203	205	1.0%	464312	519	511	1.6%	464326	7.2	7.5	4.1%
Cu	464287	47.1	41.4	12.9%	464301	75.1	80.3	6.7%	464312	69.3	72.3	4.2%	464326	< 0.5	< 0.5	0.0%
Fe	464287	5.08	5.06	0.4%	464301	6.72	6.91	2.8%	464312	7.13	7.27	1.9%	464326	0.10	0.10	0.0%
Ga	464287	18	19	5.4%	464301	11	11	0.0%	464312	11	11	0.0%	464326	< 5	< 5	0.0%
In	464287	< 1	< 1	0.0%	464301	< 1	< 1	0.0%	464312	< 1	< 1	0.0%	464326	< 1	< 1	0.0%
K	464287	1.64	1.60	2.5%	464301	3.25	3.31	1.8%	464312	2.00	2.04	2.0%	464326	0.02	0.02	0.0%
La	464287	21	21	0.0%	464301	47	49	4.2%	464312	49	46	6.3%	464326	< 2	< 2	0.0%
Li	464287	22	22	0.0%	464301	730	746	2.2%	464312	188	223	17.0%	464326	1	1	0.0%
Mg	464287	1.99	1.94	2.5%	464301	5.24	5.44	3.7%	464312	8.73	8.74	0.1%	464326	3.12	3.13	0.3%
Mn	464287	903	891	1.3%	464301	1400	1430	2.1%	464312	1500	1500	0.0%	464326	116	119	2.6%
Mo	464287	1.8	1.9	5.4%	464301	2.5	2.5	0.0%	464312	3.2	3.1	3.2%	464326	< 0.5	< 0.5	0.0%
Na	464287	2.95	2.84	3.8%	464301	1.32	1.35	2.2%	464312	1.84	1.88	2.2%	464326	0.05	0.05	0.0%
Ni	464287	54.8	54.7	0.2%	464301	228	225	1.3%	464312	423	412	2.6%	464326	0.6	< 0.5	
P	464287	710	709	0.1%	464301	2040	2280	11.1%	464312	1370	1370	0.0%	464326	77	92	17.8%
Pb	464287	< 20	< 20	0.0%	464301	< 20	< 20	0.0%	464312	< 20	< 20	0.0%	464326	< 20	< 20	0.0%
Rb	464287	< 50	< 50	0.0%	464301	< 50	< 50	0.0%	464312	< 50	< 50	0.0%	464326	< 50	< 50	0.0%
S	464287	0.14	0.13	7.4%	464301	0.20	0.20	0.0%	464312	0.21	0.21	0.0%	464326	0.071	0.078	9.4%
Sb	464287	< 1	< 1	0.0%	464301	< 1	< 1	0.0%	464312	< 1	< 1	0.0%	464326	< 1	< 1	0.0%
Sc	464287	20	20	0.0%	464301	54	56	3.6%	464312	26	28	7.4%	464326	< 1	< 1	0.0%
Se	464287	< 10	< 10	0.0%	464301	< 10	< 10	0.0%	464312	< 10	< 10	0.0%	464326	< 10	< 10	0.0%
Sn	464287	< 5	< 5	0.0%	464301	< 5	< 5	0.0%	464312	< 5	< 5	0.0%	464326	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	464287	450	423	6.2%	464301	753	772	2.5%	464312	923	872	5.7%	464326	63	65	3.1%
Ta	464287	< 10	< 10	0.0%	464301	< 10	< 10	0.0%	464312	< 10	< 10	0.0%	464326	< 10	< 10	0.0%
Te	464287	< 10	< 10	0.0%	464301	< 10	< 10	0.0%	464312	< 10	< 10	0.0%	464326	< 10	< 10	0.0%
Th	464287	< 5	< 5	0.0%	464301	10	9	10.5%	464312	< 5	< 5	0.0%	464326	< 5	< 5	0.0%
Ti	464287	0.43	0.43	0.0%	464301	0.533	0.542	1.7%	464312	0.81	0.85	4.8%	464326	< 0.01	< 0.01	0.0%
Tl	464287	< 5	< 5	0.0%	464301	< 5	< 5	0.0%	464312	< 5	< 5	0.0%	464326	< 5	< 5	0.0%
U	464287	< 50	< 50	0.0%	464301	< 50	< 50	0.0%	464312	< 50	< 50	0.0%	464326	< 50	< 50	0.0%
V	464287	148	149	0.7%	464301	350	353	0.9%	464312	250	262	4.7%	464326	1.2	1.2	0.0%
W	464287	< 1	< 1	0.0%	464301	< 1	< 1	0.0%	464312	< 1	< 1	0.0%	464326	< 1	< 1	0.0%
Y	464287	15	15	0.0%	464301	20	20	0.0%	464312	40	38	5.1%	464326	2	2	0.0%
Zn	464287	297	222	28.9%	464301	66.8	68.4	2.4%	464312	49.7	48.4	2.7%	464326	3.50	3.15	10.5%
Zr	464287	109	100	8.6%	464301	55	79		464312	153	188	20.5%	464326	< 5	< 5	0.0%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	464337	< 0.5	< 0.5	0.0%	464351	< 0.5	< 0.5	0.0%								
Al	464337	7.31	7.38	1.0%	464351	7.46	7.46	0.0%								
As	464337	< 1	< 1	0.0%	464351	< 1	< 1	0.0%								
Ba	464337	740	750	1.3%	464351	597	601	0.7%								
Be	464337	1.0	1.0	0.0%	464351	1.77	1.69	4.6%								
Bi	464337	< 1	< 1	0.0%	464351	< 1	< 1	0.0%								
Ca	464337	3.29	3.38	2.7%	464351	2.37	2.35	0.8%								
Cd	464337	< 0.5	< 0.5	0.0%	464351	< 0.5	< 0.5	0.0%								
Ce	464337	53	54	1.9%	464351	57	58	1.7%								
Co	464337	21.5	21.6	0.5%	464351	14.8	15.0	1.3%								
Cr	464337	224	202	10.3%	464351	143	149	4.1%								
Cu	464337	54.5	58.4	6.9%	464351	11.1	10.4	6.5%								
Fe	464337	4.41	4.46	1.1%	464351	3.57	3.57	0.0%								
Ga	464337	17	17	0.0%	464351	18	18	0.0%								
In	464337	< 1	< 1	0.0%	464351	< 1	< 1	0.0%								
K	464337	1.78	1.78	0.0%	464351	2.00	2.02	1.0%								
La	464337	27	27	0.0%	464351	28	29	3.5%								
Li	464337	24	25	4.1%	464351	37	37	0.0%								
Mg	464337	2.19	2.19	0.0%	464351	1.40	1.41	0.7%								
Mn	464337	754	759	0.7%	464351	598	601	0.5%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	464337	10.0	6.8		464351	4.49	4.58	2.0%								
Na	464337	2.80	2.88	2.8%	464351	3.37	3.33	1.2%								
Ni	464337	52.4	51.3	2.1%	464351	42.6	44.3	3.9%								
P	464337	894	898	0.4%	464351	619	634	2.4%								
Pb	464337	< 20	< 20	0.0%	464351	< 20	< 20	0.0%								
Rb	464337	< 50	< 50	0.0%	464351	< 50	< 50	0.0%								
S	464337	0.22	0.22	0.0%	464351	0.03	0.03	0.0%								
Sb	464337	< 1	< 1	0.0%	464351	< 1	< 1	0.0%								
Sc	464337	19	19	0.0%	464351	13	13	0.0%								
Se	464337	< 10	< 10	0.0%	464351	< 10	< 10	0.0%								
Sn	464337	< 5	< 5	0.0%	464351	< 5	< 5	0.0%								
Sr	464337	600	626	4.2%	464351	465	455	2.2%								
Ta	464337	< 10	< 10	0.0%	464351	< 10	< 10	0.0%								
Te	464337	< 10	< 10	0.0%	464351	< 10	< 10	0.0%								
Th	464337	< 5	< 5	0.0%	464351	< 5	< 5	0.0%								
Ti	464337	0.41	0.42	2.4%	464351	0.32	0.32	0.0%								
Tl	464337	< 5	< 5	0.0%	464351	< 5	< 5	0.0%								
U	464337	< 50	< 50	0.0%	464351	< 50	< 50	0.0%								
V	464337	137	139	1.4%	464351	98.5	100	1.5%								
W	464337	< 1	< 1	0.0%	464351	< 1	< 1	0.0%								
Y	464337	15	15	0.0%	464351	15	15	0.0%								
Zn	464337	81.2	83.2	2.4%	464351	68.7	66.6	3.1%								
Zr	464337	96	100	4.1%	464351	95	109	13.7%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	464287	0.0079	0.0106	29.2%	464301	0.003	0.003	0.0%	464312	0.002	0.002	0.0%	464326	< 0.001	0.001	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	464337	0.0055	0.0052	5.6%	464351	0.004	0.002									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GSP7M)				CRM #2 (ref.GSP5G)				CRM #3 (ref.GS6F)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	3.13	103%	90% - 110%
Al	10.95	10.44	95%	90% - 110%	8.17	8.09	99%	90% - 110%	6.96	6.85	98%	90% - 110%	4.75	4.78	101%	90% - 110%
As					26	21	82%	90% - 110%	124	121	98%	90% - 110%				
Ba	340	327	96%	90% - 110%	540	524	97%	90% - 110%	186	180	97%	90% - 110%	216	208	96%	90% - 110%
Be	2.6	2.5	97%	90% - 110%	4.0	3.4	85%	90% - 110%								
Ca	5.72	5.64	99%	90% - 110%	0.907	0.891	98%	90% - 110%	4.01	3.86	96%	90% - 110%	10	9	91%	90% - 110%
Ce	122	115	94%	90% - 110%	98	89	90%	90% - 110%	24	19	79%	90% - 110%				
Co									22.1	21.3	96%	90% - 110%	191	172	90%	90% - 110%
Cr	12	9	73%	90% - 110%	60.3	62.4	103%	90% - 110%					670	659	98%	90% - 110%
Cu					150	150	100%	90% - 110%	88.6	82.1	93%	90% - 110%	7120	7300	103%	90% - 110%
Fe	4.34	4	92%	90% - 110%	3.77	3.63	96%	90% - 110%	7.56	7.18	95%	90% - 110%	12.71	11.59	91%	90% - 110%
Ga	35	35	100%	90% - 110%												
K	1.37	1.47	108%	90% - 110%					2.021	2.108	104%	90% - 110%	0.1021	0.1111	109%	90% - 110%
La	58	57	97%	90% - 110%	44	42	96%	90% - 110%					8.47	7.98	94%	90% - 110%
Li	37	39	106%	90% - 110%	47	47	100%	90% - 110%								
Mg	0.325	0.294	91%	90% - 110%	1.10	1.07	97%	90% - 110%	2.412	2.4	100%	90% - 110%	7.41	7.29	98%	90% - 110%
Mn					780	750	96%	90% - 110%	1510	1424	94%	90% - 110%				
Mo					14	13	92%	90% - 110%								
Na	5.267	5.437	103%	90% - 110%	1.624	1.71	105%	90% - 110%	0.617	0.622	101%	90% - 110%	0.112	0.122	109%	90% - 110%
Ni	9	8	93%	90% - 110%	32	32	100%	90% - 110%	77.1	71.1	92%	90% - 110%	2480	2035	82%	90% - 110%
P					750	744	99%	90% - 110%	892	932	104%	90% - 110%	731	723	99%	90% - 110%
Pb	10	8	79%	90% - 110%	31	28	90%	90% - 110%								
S									0.348	0.347	100%	90% - 110%				
Sc	1.1	1	88%	90% - 110%	12	13	104%	90% - 110%					21.33	21.35	100%	90% - 110%
Sr	1191	1125	94%	90% - 110%	144	145	101%	90% - 110%	92.8	84.2	91%	90% - 110%	39	37	95%	90% - 110%
Ti	0.172	0.167	97%	90% - 110%	0.53	0.49	92%	90% - 110%					0.419	0.401	96%	90% - 110%
V	8	7	93%	90% - 110%	77	79	103%	90% - 110%					158	165	104%	90% - 110%
Y	119	126	106%	90% - 110%									12.67	13.13	104%	90% - 110%
Zn	93	95	102%	90% - 110%	130	125	96%	90% - 110%	208	209	100%	90% - 110%	112	114	101%	90% - 110%
Zr													35.7	37.5	105%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GSP7M)				CRM #2 (ref.GSP5G)				CRM #3 (ref.GS6F)				CRM #4 (ref.1P5R)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.725	0.712	98%	90% - 110%	0.562	0.527	94%	90% - 110%	6.87	6.84	100%	90% - 110%	1.81	1.82	100%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00753  
 SAMPLING SITE:

AGAT WORK ORDER: 19T508761  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00754

AGAT WORK ORDER: 19T508765

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 23, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T508765

PROJECT: AGAT00754

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D73665 (464364)		1.83
D73666 (464365)		0.07
D73667 (464366)		2.22
D73668 (464367)		2.36
D73669 (464368)		2.29
D73670 (464369)		2.31
D73671 (464370)		0.70
D73672 (464371)		0.64
D73673 (464372)		2.28
D73674 (464373)		2.37
D73675 (464374)		2.30
D73676 (464375)		2.21
D73677 (464376)		2.22
D73678 (464377)		2.22
D73679 (464378)		2.53
D73680 (464379)		0.82
D73681 (464380)		0.86
D73682 (464381)		1.67
D73683 (464382)		2.36
D73684 (464383)		1.81
D73685 (464384)		0.73
D73686 (464385)		0.07
D73687 (464386)		0.86
D73688 (464387)		2.08
D73689 (464388)		2.12
D73690 (464389)		2.09
D73691 (464390)		2.09
D73692 (464391)		0.59
D73693 (464392)		1.93
D73694 (464393)		2.09
D73695 (464394)		2.63

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T508765

PROJECT: AGAT00754

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 22, 2019      DATE RECEIVED: Aug 22, 2019      DATE REPORTED: Sep 23, 2019      SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight
Unit:	kg
RDL:	0.01
D73696 (464395)	1.69
D73697 (464396)	2.13
D73698 (464397)	2.13
D73699 (464398)	2.23
D73700 (464399)	2.16
D73701 (464400)	2.17
D73702 (464401)	2.14
D73703 (464402)	2.10
D73704 (464403)	2.40
D73705 (464404)	3.11
D73706 (464405)	0.07
D73707 (464406)	3.81
D73708 (464407)	3.73
D73709 (464408)	3.83
D73710 (464409)	2.97
D73711 (464410)	3.58
D73712 (464411)	0.65
D73713 (464412)	3.59
D73714 (464413)	3.58
D73715 (464414)	3.59
D73716 (464415)	3.62
D73717 (464416)	3.53
D73718 (464417)	3.53
D73719 (464418)	3.59
D73720 (464419)	3.77
D73721 (464420)	3.55
D73722 (464421)	3.56
D73723 (464422)	3.53
D73724 (464423)	3.56
D73725 (464424)	1.92
D73726 (464425)	0.07

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T508765

PROJECT: AGAT00754

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D73727 (464426)		3.26
D73728 (464427)		2.22
D73729 (464428)		1.41
D73730 (464429)		0.76
D73731 (464430)		2.88
D73732 (464431)		0.65
D73733 (464432)		3.66
D73734 (464433)		3.49
D73735 (464434)		3.68
D73736 (464435)		2.36

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T508765

PROJECT: AGAT00754

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019	DATE RECEIVED: Aug 22, 2019							DATE REPORTED: Sep 23, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D73665 (464364)	<0.5	8.01	2	822	1.6	<1	2.94	<0.5	51	12.0	99.4	33.1	2.75	21	
D73666 (464365)	<0.5	7.14	<1	141	<0.5	<1	6.67	<0.5	<1	39.5	140	152	7.65	17	
D73667 (464366)	<0.5	7.90	<1	838	1.7	<1	2.99	<0.5	49	11.0	95.4	25.1	2.66	21	
D73668 (464367)	<0.5	8.14	<1	795	1.6	<1	2.74	<0.5	52	12.2	103	9.7	2.87	21	
D73669 (464368)	<0.5	7.29	<1	563	1.3	<1	2.93	<0.5	48	19.7	128	57.9	4.12	18	
D73670 (464369)	<0.5	6.88	<1	830	2.0	<1	3.76	<0.5	54	14.8	121	45.7	3.25	17	
D73671 (464370)	<0.5	7.70	<1	565	1.4	<1	2.86	<0.5	46	19.7	129	52.2	4.25	19	
D73672 (464371)	<0.5	0.06	2	13	<0.5	<1	32.3	<0.5	<1	<0.5	0.7	<0.5	0.09	<5	
D73673 (464372)	<0.5	7.24	<1	779	1.3	<1	3.61	<0.5	56	22.0	187	44.3	4.60	17	
D73674 (464373)	<0.5	7.47	3	566	1.8	<1	3.29	<0.5	39	16.9	133	35.4	3.82	19	
D73675 (464374)	<0.5	7.23	<1	588	2.0	<1	3.65	<0.5	45	22.8	173	41.1	4.72	18	
D73676 (464375)	<0.5	8.05	<1	521	1.1	<1	3.25	<0.5	37	22.8	155	57.5	4.88	19	
D73677 (464376)	<0.5	7.41	<1	570	1.3	<1	3.42	<0.5	39	22.8	121	36.7	4.85	18	
D73678 (464377)	<0.5	8.04	<1	505	1.1	<1	3.19	<0.5	36	23.1	120	44.2	5.01	19	
D73679 (464378)	<0.5	8.00	<1	600	1.2	<1	3.50	<0.5	42	22.1	118	42.6	4.79	19	
D73680 (464379)	<0.5	7.87	<1	532	1.1	<1	3.77	<0.5	41	24.2	143	37.6	5.12	19	
D73681 (464380)	<0.5	8.28	1	849	2.0	<1	2.62	<0.5	71	10.6	121	<0.5	2.63	22	
D73682 (464381)	<0.5	7.57	<1	590	1.0	<1	3.46	<0.5	42	22.9	153	48.9	4.88	18	
D73683 (464382)	<0.5	7.38	<1	666	4.7	<1	3.20	<0.5	43	21.5	149	48.7	4.57	19	
D73684 (464383)	<0.5	2.26	17	124	10.1	<1	8.01	<0.5	115	52.9	453	83.5	6.65	10	
D73685 (464384)	<0.5	4.18	54	252	13.6	<1	6.32	1.5	18	46.3	713	<0.5	5.04	11	
D73686 (464385)	<0.5	7.42	<1	182	0.7	<1	6.36	<0.5	9	38.7	170	103	7.42	20	
D73687 (464386)	<0.5	6.57	16	409	2.9	<1	2.06	<0.5	7	11.6	179	1.0	1.19	17	
D73688 (464387)	<0.5	7.02	<1	785	1.0	<1	0.66	<0.5	2	<0.5	67.4	1.5	0.32	14	
D73689 (464388)	<0.5	7.12	2	719	0.7	<1	0.48	<0.5	8	<0.5	76.6	1.2	0.51	14	
D73690 (464389)	<0.5	7.29	<1	73	1.9	<1	1.64	<0.5	2	0.9	61.5	0.8	0.85	17	
D73691 (464390)	1.4	6.90	4	193	1.5	<1	1.33	<0.5	36	0.8	77.0	1.0	0.83	13	
D73692 (464391)	<0.5	0.07	<1	14	<0.5	<1	32.8	<0.5	<1	0.6	4.0	<0.5	0.09	<5	
D73693 (464392)	<0.5	7.15	<1	176	1.6	<1	1.46	<0.5	10	<0.5	79.3	1.0	0.44	14	
D73694 (464393)	<0.5	7.07	<1	354	1.1	<1	0.87	<0.5	3	<0.5	63.5	1.4	0.34	14	
D73695 (464394)	<0.5	6.87	3	424	0.9	<1	0.58	<0.5	3	<0.5	60.8	3.3	0.27	14	
D73696 (464395)	<0.5	7.43	<1	631	2.6	<1	2.59	<0.5	35	11.8	141	9.0	2.15	21	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T508765

PROJECT: AGAT00754

5623 McADAM ROAD  
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CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019	DATE RECEIVED: Aug 22, 2019							DATE REPORTED: Sep 23, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D73697 (464396)	<0.5	7.79	1	701	2.1	<1	2.18	<0.5	43	5.8	83.1	3.7	1.68	22	
D73698 (464397)	<0.5	7.79	<1	703	2.1	<1	2.24	<0.5	48	6.2	77.5	4.1	1.74	23	
D73699 (464398)	<0.5	8.03	2	714	2.0	<1	2.16	<0.5	42	5.7	84.3	3.3	1.67	24	
D73700 (464399)	1.0	7.85	<1	697	2.0	<1	2.25	<0.5	41	6.8	75.7	4.0	1.74	23	
D73701 (464400)	<0.5	7.82	3	752	2.3	<1	2.28	<0.5	38	7.2	81.6	3.3	1.80	23	
D73702 (464401)	3.6	7.81	1	629	2.2	<1	2.24	<0.5	37	6.6	69.1	9.4	1.71	23	
D73703 (464402)	<0.5	7.57	1	738	2.4	<1	2.14	<0.5	36	7.2	91.6	10.5	1.91	22	
D73704 (464403)	<0.5	7.60	1	812	2.6	<1	2.62	<0.5	43	10.7	116	14.7	2.22	21	
D73705 (464404)	<0.5	8.17	<1	375	0.9	<1	7.20	<0.5	8	41.1	144	90.9	6.98	18	
D73706 (464405)	<0.5	7.15	<1	141	<0.5	<1	6.81	<0.5	<1	41.6	152	152	7.69	18	
D73707 (464406)	<0.5	7.98	<1	193	0.6	<1	6.89	<0.5	6	39.5	204	122	6.98	18	
D73708 (464407)	<0.5	6.76	<1	156	0.8	<1	6.16	<0.5	16	31.1	175	62.4	8.86	14	
D73709 (464408)	8.8	7.92	<1	178	0.7	<1	6.17	<0.5	15	26.3	152	44.6	9.56	15	
D73710 (464409)	<0.5	9.60	<1	145	<0.5	<1	8.17	<0.5	<1	38.0	161	91.9	7.01	20	
D73711 (464410)	<0.5	7.80	<1	139	0.8	<1	6.30	<0.5	16	35.7	212	49.1	7.14	19	
D73712 (464411)	<0.5	0.09	3	14	<0.5	<1	32.6	<0.5	<1	0.7	6.6	<0.5	0.09	<5	
D73713 (464412)	<0.5	6.70	<1	166	1.0	<1	5.02	<0.5	22	25.5	83.9	73.6	7.48	23	
D73714 (464413)	<0.5	8.27	2	138	0.6	<1	7.49	<0.5	4	34.5	92.1	83.1	7.62	20	
D73715 (464414)	<0.5	7.86	<1	234	0.6	<1	6.20	<0.5	7	41.5	154	127	8.29	20	
D73716 (464415)	<0.5	7.77	<1	142	<0.5	<1	6.34	<0.5	<1	44.1	136	112	8.91	20	
D73717 (464416)	<0.5	7.70	<1	190	0.9	<1	6.51	<0.5	6	37.3	135	80.8	8.36	19	
D73718 (464417)	<0.5	7.78	<1	198	1.0	<1	6.85	<0.5	7	37.8	155	85.0	8.82	19	
D73719 (464418)	<0.5	7.20	<1	223	0.6	<1	8.31	0.6	14	49.4	247	108	8.58	17	
D73720 (464419)	<0.5	7.80	<1	155	<0.5	<1	7.82	<0.5	<1	46.4	169	135	9.69	19	
D73721 (464420)	<0.5	7.98	10	162	<0.5	<1	7.29	<0.5	<1	44.9	177	96.8	7.96	18	
D73722 (464421)	<0.5	7.95	3	183	0.6	<1	6.32	<0.5	5	39.5	115	82.5	7.13	20	
D73723 (464422)	<0.5	7.97	5	209	0.7	<1	6.94	<0.5	10	41.4	134	76.0	7.44	20	
D73724 (464423)	<0.5	7.62	<1	186	0.6	<1	6.78	<0.5	10	33.6	180	67.6	7.19	19	
D73725 (464424)	<0.5	6.37	<1	244	0.7	<1	5.14	<0.5	25	43.1	588	79.5	8.21	16	
D73726 (464425)	<0.5	7.38	<1	187	0.7	<1	6.35	<0.5	9	37.7	151	102	7.78	20	
D73727 (464426)	<0.5	7.90	<1	301	0.8	<1	3.59	<0.5	27	15.4	77.4	42.3	5.05	20	
D73728 (464427)	0.6	7.75	<1	156	1.2	<1	2.41	<0.5	27	9.0	71.9	21.3	2.84	18	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T508765

PROJECT: AGAT00754

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019	DATE RECEIVED: Aug 22, 2019		DATE REPORTED: Sep 23, 2019		SAMPLE TYPE: Drill Core									
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5
D73729 (464428)	<0.5	7.59	<1	147	0.7	<1	4.37	<0.5	10	32.1	194	62.1	7.56	19
D73730 (464429)	0.6	5.25	<1	98	1.1	<1	1.07	<0.5	3	2.1	64.9	4.1	0.71	12
D73731 (464430)	<0.5	7.71	<1	121	0.5	<1	5.81	<0.5	2	38.6	148	82.2	8.35	22
D73732 (464431)	<0.5	0.08	<1	15	<0.5	<1	32.0	<0.5	<1	0.6	3.4	<0.5	0.10	<5
D73733 (464432)	<0.5	8.03	<1	106	0.6	<1	6.53	<0.5	2	42.7	199	66.4	7.82	17
D73734 (464433)	<0.5	7.90	<1	128	0.5	<1	6.66	<0.5	2	39.9	162	70.3	7.01	17
D73735 (464434)	<0.5	7.28	<1	113	1.4	<1	7.05	<0.5	<1	40.3	122	79.9	7.81	17
D73736 (464435)	<0.5	7.61	<1	127	1.0	<1	6.26	<0.5	<1	41.2	143	28.2	7.66	17

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T508765

PROJECT: AGAT00754

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D73665 (464364)		<1	1.79	23	27	1.58	441	8.9	3.92	41.8	739	<20	<50	0.07	<1
D73666 (464365)		<1	0.20	3	13	4.57	1340	1.5	2.31	89.4	401	<20	<50	0.15	<1
D73667 (464366)		<1	2.13	23	16	1.56	460	8.7	3.90	38.1	627	<20	<50	0.05	<1
D73668 (464367)		<1	1.72	24	30	1.71	460	9.7	3.85	42.4	591	<20	<50	0.03	<1
D73669 (464368)		<1	1.62	24	31	1.93	748	9.2	3.28	56.6	724	<20	<50	0.18	<1
D73670 (464369)		<1	2.09	26	32	1.89	669	10.6	2.76	43.1	779	<20	<50	0.11	<1
D73671 (464370)		<1	1.87	22	46	1.89	735	10.3	3.04	54.1	716	<20	<50	0.11	<1
D73672 (464371)		<1	0.01	2	<1	2.50	114	<0.5	0.04	0.7	75	<20	<50	0.02	1
D73673 (464372)		<1	1.91	26	40	2.51	859	10.7	2.74	59.2	903	<20	<50	0.08	<1
D73674 (464373)		<1	1.56	18	26	1.83	757	8.9	3.11	46.2	662	<20	<50	0.08	<1
D73675 (464374)		<1	1.57	22	45	2.24	968	10.0	3.01	94.5	661	<20	<50	0.07	<1
D73676 (464375)		<1	1.85	18	35	1.99	901	8.4	3.29	63.4	682	<20	<50	0.11	<1
D73677 (464376)		<1	1.79	20	30	1.97	978	8.3	2.88	60.5	659	<20	<50	0.08	<1
D73678 (464377)		<1	1.92	18	35	2.04	919	9.4	3.19	63.8	635	<20	<50	0.10	<1
D73679 (464378)		<1	1.50	21	33	2.05	935	8.6	3.04	58.5	666	<20	<50	0.08	<1
D73680 (464379)		<1	1.44	21	30	2.31	1030	6.5	3.05	68.9	669	<20	<50	0.06	<1
D73681 (464380)		<1	1.48	35	35	1.42	472	10.9	3.60	35.4	754	<20	<50	0.01	<1
D73682 (464381)		<1	1.55	20	40	2.03	958	8.2	2.98	62.4	865	<20	<50	0.09	<1
D73683 (464382)		<1	1.79	21	44	2.05	853	8.1	3.93	65.9	587	<20	<50	0.10	<1
D73684 (464383)		<1	2.60	58	65	8.24	1350	3.1	2.02	413	375	<20	<50	0.09	<1
D73685 (464384)		<1	2.31	8	486	7.60	1430	3.5	1.91	556	1630	<20	<50	0.02	<1
D73686 (464385)		<1	0.45	9	11	4.60	1280	1.7	2.40	115	832	<20	<50	0.08	<1
D73687 (464386)		<1	2.94	3	62	1.10	354	10.8	2.85	110	61	21	<50	0.02	<1
D73688 (464387)		<1	5.42	<2	2	0.08	61	14.6	2.19	4.3	32	36	<50	0.01	<1
D73689 (464388)		<1	5.82	3	4	0.09	71	13.6	2.10	2.8	33	49	53	<0.01	<1
D73690 (464389)		<1	0.91	<2	11	0.13	153	14.4	3.84	2.3	<10	51	<50	<0.01	<1
D73691 (464390)		<1	2.11	14	9	0.14	149	16.9	3.31	2.9	12	103	<50	<0.01	<1
D73692 (464391)		<1	0.01	<2	<1	2.57	117	0.5	0.04	<0.5	58	<20	<50	<0.01	1
D73693 (464392)		<1	1.86	4	1	0.06	63	13.8	3.59	3.2	15	37	<50	<0.01	<1
D73694 (464393)		<1	4.07	<2	2	0.05	52	15.8	2.75	2.8	39	44	<50	<0.01	<1
D73695 (464394)		<1	5.13	<2	2	0.05	48	11.8	2.31	2.7	15	42	<50	0.01	<1
D73696 (464395)		<1	1.72	16	35	1.59	366	12.1	3.65	99.1	484	<20	<50	0.03	<1

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## Certificate of Analysis

AGAT WORK ORDER: 19T508765

PROJECT: AGAT00754

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019	DATE RECEIVED: Aug 22, 2019					DATE REPORTED: Sep 23, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D73697 (464396)	<1	1.93	20	22	0.89	258	9.8	3.83	25.8	499	<20	<50	0.02	<1	
D73698 (464397)	<1	1.93	22	22	0.91	264	10.8	3.88	26.4	496	<20	<50	0.02	<1	
D73699 (464398)	<1	1.83	19	19	0.86	259	8.7	3.99	24.7	517	<20	<50	0.02	<1	
D73700 (464399)	<1	1.78	19	18	1.04	264	10.2	4.02	37.2	567	<20	<50	0.01	<1	
D73701 (464400)	<1	2.00	18	20	1.07	282	9.0	4.00	47.1	503	<20	<50	0.02	1	
D73702 (464401)	<1	1.83	17	17	0.97	287	10.2	3.95	30.8	479	<20	<50	0.05	<1	
D73703 (464402)	<1	2.00	17	15	1.10	319	10.1	3.74	36.3	470	<20	<50	0.05	<1	
D73704 (464403)	<1	2.02	20	21	1.34	429	13.9	3.49	48.8	592	<20	<50	0.06	<1	
D73705 (464404)	<1	0.76	7	13	2.71	1860	11.2	2.35	96.8	304	<20	<50	0.18	<1	
D73706 (464405)	<1	0.20	3	12	4.56	1330	1.4	2.35	93.0	398	<20	<50	0.14	<1	
D73707 (464406)	<1	0.69	6	17	2.87	1840	7.7	1.99	89.0	333	<20	<50	0.20	<1	
D73708 (464407)	<1	0.78	9	15	2.65	3740	8.4	1.64	74.9	348	<20	<50	0.17	<1	
D73709 (464408)	<1	0.87	9	20	2.62	4000	16.6	1.78	54.9	426	<20	<50	0.20	<1	
D73710 (464409)	<1	0.42	4	15	2.62	1910	5.2	2.21	83.2	404	<20	<50	0.16	<1	
D73711 (464410)	<1	0.76	9	24	2.45	1950	6.6	1.94	97.9	357	<20	<50	0.09	<1	
D73712 (464411)	<1	0.01	<2	1	2.83	108	<0.5	0.06	<0.5	84	<20	<50	<0.01	<1	
D73713 (464412)	<1	0.68	11	22	1.63	1870	7.2	1.71	21.1	609	<20	<50	0.29	<1	
D73714 (464413)	<1	0.77	5	19	2.69	1920	4.4	2.16	53.4	423	<20	<50	0.14	<1	
D73715 (464414)	<1	0.60	6	23	2.27	2100	5.5	2.18	69.1	476	<20	<50	0.18	<1	
D73716 (464415)	<1	0.35	4	21	3.03	2190	4.0	2.07	74.0	432	<20	<50	0.14	<1	
D73717 (464416)	<1	1.13	6	19	2.51	2130	4.8	2.07	75.5	368	<20	<50	0.13	<1	
D73718 (464417)	<1	1.15	6	19	2.55	2270	4.5	2.14	76.8	399	<20	<50	0.14	<1	
D73719 (464418)	<1	0.63	11	17	4.79	1730	3.1	1.75	186	675	<20	<50	0.12	<1	
D73720 (464419)	<1	0.50	3	20	3.74	2280	3.7	1.54	105	383	<20	<50	0.20	<1	
D73721 (464420)	<1	0.36	4	19	3.52	2060	4.2	1.81	114	377	<20	<50	0.16	<1	
D73722 (464421)	<1	0.46	6	21	2.59	2080	4.2	2.20	56.1	610	<20	<50	0.16	<1	
D73723 (464422)	<1	0.61	8	18	2.47	1920	4.3	1.95	61.1	651	<20	<50	0.15	<1	
D73724 (464423)	<1	0.57	8	19	3.34	1760	4.1	2.05	83.3	572	<20	<50	0.13	<1	
D73725 (464424)	<1	0.95	13	23	4.98	1690	5.8	1.45	380	702	<20	<50	0.15	<1	
D73726 (464425)	<1	0.45	9	11	4.57	1290	2.1	2.44	108	811	<20	<50	0.10	<1	
D73727 (464426)	<1	1.08	14	37	1.23	960	7.8	2.47	19.3	745	<20	<50	0.08	<1	
D73728 (464427)	<1	1.12	12	34	0.95	869	11.3	2.99	30.3	325	24	<50	0.05	<1	

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AGAT WORK ORDER: 19T508765

PROJECT: AGAT00754

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019	DATE RECEIVED: Aug 22, 2019		DATE REPORTED: Sep 23, 2019				SAMPLE TYPE: Drill Core							
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
Sample ID (AGAT ID)	RDL:													
D73729 (464428)	<1	1.07	6	45	3.28	1280	5.6	2.21	91.6	518	42	<50	0.10	<1
D73730 (464429)	<1	0.65	<2	11	0.21	149	15.4	2.99	3.6	18	27	<50	0.01	<1
D73731 (464430)	<1	0.70	4	35	2.90	1360	5.2	1.78	88.8	445	<20	<50	0.29	<1
D73732 (464431)	<1	0.01	<2	1	2.85	125	0.5	0.04	<0.5	81	<20	<50	0.05	1
D73733 (464432)	<1	0.57	3	25	3.50	1310	6.2	1.89	109	321	<20	<50	0.14	<1
D73734 (464433)	<1	0.57	3	23	3.64	1190	4.0	1.91	82.7	286	<20	<50	0.07	<1
D73735 (464434)	<1	0.64	3	29	3.73	1410	3.8	1.95	64.5	276	<20	<50	0.07	<1
D73736 (464435)	<1	0.82	3	37	3.67	1460	4.3	1.99	67.2	288	<20	<50	0.04	1

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019	DATE RECEIVED: Aug 22, 2019					DATE REPORTED: Sep 23, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D73665 (464364)	9	<10	<5	773	<10	<10	<5	0.27	<5	<50	71.7	<1	13	63.6	
D73666 (464365)	46	<10	<5	107	<10	<10	<5	0.66	<5	<50	309	2	23	81.5	
D73667 (464366)	10	<10	<5	608	<10	<10	<5	0.26	<5	<50	71.7	1	12	57.4	
D73668 (464367)	10	<10	<5	758	<10	<10	<5	0.27	<5	<50	75.5	<1	12	67.2	
D73669 (464368)	17	<10	<5	485	<10	<10	<5	0.39	<5	<50	126	2	15	93.6	
D73670 (464369)	14	<10	<5	595	<10	<10	<5	0.27	<5	<50	93.7	3	15	61.0	
D73671 (464370)	16	<10	<5	473	<10	<10	<5	0.41	<5	<50	125	1	14	71.8	
D73672 (464371)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	1.2	
D73673 (464372)	20	<10	<5	520	<10	<10	<5	0.40	<5	<50	145	2	18	79.2	
D73674 (464373)	17	<10	<5	440	<10	<10	<5	0.33	<5	<50	113	<1	14	68.5	
D73675 (464374)	20	<10	<5	414	<10	<10	<5	0.43	<5	<50	143	3	19	75.1	
D73676 (464375)	20	<10	<5	474	<10	<10	<5	0.35	<5	<50	134	<1	14	75.8	
D73677 (464376)	20	<10	<5	421	<10	<10	<5	0.36	<5	<50	135	2	15	71.3	
D73678 (464377)	20	<10	<5	471	<10	<10	<5	0.35	<5	<50	134	2	14	76.6	
D73679 (464378)	21	<10	<5	453	<10	<10	<5	0.40	<5	<50	146	2	16	74.7	
D73680 (464379)	23	<10	<5	470	<10	<10	<5	0.43	<5	<50	163	<1	17	80.2	
D73681 (464380)	8	<10	<5	644	<10	<10	<5	0.23	<5	<50	66.9	<1	13	63.4	
D73682 (464381)	21	<10	<5	460	<10	<10	<5	0.40	<5	<50	150	2	16	92.6	
D73683 (464382)	19	<10	<5	451	<10	<10	<5	0.41	<5	<50	141	2	20	64.0	
D73684 (464383)	29	<10	<5	723	<10	<10	<5	0.72	<5	<50	244	5	38	73.9	
D73685 (464384)	34	<10	<5	322	<10	<10	<5	0.17	<5	<50	168	3	26	123	
D73686 (464385)	36	<10	<5	242	<10	<10	<5	0.85	<5	<50	247	3	23	91.5	
D73687 (464386)	7	<10	<5	159	<10	<10	<5	0.08	<5	<50	31.0	<1	10	32.3	
D73688 (464387)	1	<10	<5	109	<10	<10	<5	0.02	<5	<50	4.2	<1	1	11.5	
D73689 (464388)	2	<10	<5	104	<10	<10	9	0.04	<5	<50	4.9	<1	2	17.8	
D73690 (464389)	3	<10	<5	93	<10	<10	24	0.06	<5	54	6.6	<1	3	27.5	
D73691 (464390)	3	<10	<5	92	<10	<10	111	0.06	<5	137	8.3	<1	11	23.0	
D73692 (464391)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	2.5	
D73693 (464392)	1	<10	<5	96	<10	<10	24	0.02	<5	110	3.6	<1	2	11.0	
D73694 (464393)	<1	<10	<5	93	<10	<10	13	0.02	<5	<50	2.7	<1	2	6.5	
D73695 (464394)	<1	<10	<5	90	<10	<10	<5	0.01	<5	<50	2.7	1	1	10.7	
D73696 (464395)	8	<10	<5	579	<10	<10	<5	0.19	<5	<50	52.5	<1	10	59.6	

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AGAT WORK ORDER: 19T508765

PROJECT: AGAT00754

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 23, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D73697 (464396)	5	<10	<5	673	<10	<10	<5	0.18	<5	<50	39.1	<1	9	50.4
D73698 (464397)	6	<10	<5	682	<10	<10	<5	0.18	<5	<50	40.4	<1	9	51.8
D73699 (464398)	5	<10	<5	688	<10	<10	<5	0.19	<5	<50	37.3	<1	9	48.7
D73700 (464399)	5	<10	<5	673	<10	<10	<5	0.19	<5	<50	38.9	<1	9	51.9
D73701 (464400)	6	<10	<5	661	<10	<10	<5	0.18	<5	<50	40.7	1	9	47.1
D73702 (464401)	5	<10	<5	669	<10	<10	<5	0.18	<5	<50	39.0	1	9	52.7
D73703 (464402)	6	<10	<5	598	<10	<10	<5	0.15	<5	<50	37.8	<1	9	47.1
D73704 (464403)	7	<10	<5	607	<10	<10	<5	0.18	<5	<50	46.8	2	11	54.6
D73705 (464404)	39	<10	<5	261	<10	<10	<5	0.50	<5	<50	249	3	19	148
D73706 (464405)	47	<10	<5	109	<10	<10	<5	0.67	<5	<50	315	2	23	85.9
D73707 (464406)	39	<10	<5	164	<10	<10	<5	0.52	<5	<50	248	2	20	120
D73708 (464407)	28	<10	<5	143	<10	<10	<5	0.44	<5	<50	178	3	36	105
D73709 (464408)	25	<10	<5	151	<10	<10	<5	0.51	<5	<50	171	4	35	108
D73710 (464409)	36	<10	<5	140	<10	<10	<5	0.60	<5	<50	244	2	23	102
D73711 (464410)	33	<10	<5	138	<10	<10	<5	0.52	<5	<50	210	3	43	115
D73712 (464411)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	1.5	<1	2	3.4
D73713 (464412)	30	<10	<5	151	<10	<10	<5	0.72	<5	<50	205	2	64	131
D73714 (464413)	39	<10	<5	151	<10	<10	<5	0.67	<5	<50	252	2	27	111
D73715 (464414)	40	<10	<5	191	<10	<10	<5	0.68	<5	<50	279	2	27	108
D73716 (464415)	46	<10	<5	127	<10	<10	<5	0.71	<5	<50	333	2	29	112
D73717 (464416)	39	<10	<5	175	<10	<10	<5	0.58	<5	<50	263	3	25	107
D73718 (464417)	40	<10	<5	185	<10	<10	<5	0.61	<5	<50	265	2	25	111
D73719 (464418)	40	<10	<5	243	<10	<10	<5	0.77	<5	<50	265	2	22	95.4
D73720 (464419)	43	<10	<5	109	<10	<10	<5	0.63	<5	<50	298	2	24	99.7
D73721 (464420)	42	<10	<5	137	<10	<10	<5	0.62	<5	<50	284	2	23	104
D73722 (464421)	46	<10	<5	128	<10	<10	<5	0.89	<5	<50	350	2	34	108
D73723 (464422)	40	<10	<5	150	<10	<10	<5	0.82	<5	<50	313	4	32	113
D73724 (464423)	35	<10	<5	148	<10	<10	<5	0.71	<5	<50	254	10	28	107
D73725 (464424)	24	<10	<5	160	<10	<10	<5	0.55	<5	<50	121	4	30	108
D73726 (464425)	35	<10	<5	247	<10	<10	<5	0.82	<5	<50	244	2	22	91.3
D73727 (464426)	20	<10	<5	214	<10	<10	<5	0.48	<5	<50	119	1	23	93.2
D73728 (464427)	11	<10	<5	215	<10	<10	<5	0.20	<5	<50	42.5	<1	24	67.4

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019	DATE RECEIVED: Aug 22, 2019					DATE REPORTED: Sep 23, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D73729 (464428)	33	<10	<5	245	<10	<10	<5	0.51	<5	<50	213	2	20	182	
D73730 (464429)	3	<10	<5	83	<10	<10	29	0.05	<5	53	7.9	<1	10	20.4	
D73731 (464430)	39	<10	<5	126	<10	<10	<5	0.67	<5	<50	297	2	28	129	
D73732 (464431)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.7	<1	3	3.3	
D73733 (464432)	41	<10	<5	125	<10	<10	<5	0.46	<5	<50	239	1	20	135	
D73734 (464433)	40	<10	<5	134	<10	<10	<5	0.39	<5	<50	213	2	19	88.0	
D73735 (464434)	42	<10	<5	143	<10	<10	<5	0.43	<5	<50	234	2	24	98.9	
D73736 (464435)	41	<10	<5	159	<10	<10	<5	0.41	<5	<50	228	3	22	121	

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PROJECT: AGAT00754

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019      DATE RECEIVED: Aug 22, 2019      DATE REPORTED: Sep 23, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D73665 (464364)				89
D73666 (464365)				59
D73667 (464366)				72
D73668 (464367)				91
D73669 (464368)				98
D73670 (464369)				104
D73671 (464370)				110
D73672 (464371)				<5
D73673 (464372)				103
D73674 (464373)				86
D73675 (464374)				107
D73676 (464375)				91
D73677 (464376)				89
D73678 (464377)				94
D73679 (464378)				98
D73680 (464379)				100
D73681 (464380)				129
D73682 (464381)				98
D73683 (464382)				147
D73684 (464383)				249
D73685 (464384)				88
D73686 (464385)				96
D73687 (464386)				50
D73688 (464387)				8
D73689 (464388)				15
D73690 (464389)				45
D73691 (464390)				197
D73692 (464391)				<5
D73693 (464392)				29
D73694 (464393)				22
D73695 (464394)				7
D73696 (464395)				97

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T508765

PROJECT: AGAT00754

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019      DATE RECEIVED: Aug 22, 2019      DATE REPORTED: Sep 23, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D73697 (464396)			97
D73698 (464397)			98
D73699 (464398)			103
D73700 (464399)			99
D73701 (464400)			104
D73702 (464401)			102
D73703 (464402)			96
D73704 (464403)			99
D73705 (464404)			25
D73706 (464405)			56
D73707 (464406)			31
D73708 (464407)			76
D73709 (464408)			71
D73710 (464409)			13
D73711 (464410)			56
D73712 (464411)			<5
D73713 (464412)			54
D73714 (464413)			16
D73715 (464414)			22
D73716 (464415)			14
D73717 (464416)			22
D73718 (464417)			22
D73719 (464418)			57
D73720 (464419)			15
D73721 (464420)			14
D73722 (464421)			18
D73723 (464422)			19
D73724 (464423)			28
D73725 (464424)			70
D73726 (464425)			86
D73727 (464426)			95
D73728 (464427)			156

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T508765

PROJECT: AGAT00754

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 23, 2019

SAMPLE TYPE: Drill Core


Analyte:	Zr
Unit:	ppm
Sample ID (AGAT ID)	RDL:
	5
D73729 (464428)	51
D73730 (464429)	90
D73731 (464430)	22
D73732 (464431)	<5
D73733 (464432)	18
D73734 (464433)	17
D73735 (464434)	17
D73736 (464435)	22

Comments: RDL - Reported Detection Limit

464364-464435 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

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## Certificate of Analysis

AGAT WORK ORDER: 19T508765

PROJECT: AGAT00754

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 22, 2019      DATE RECEIVED: Aug 22, 2019      DATE REPORTED: Sep 23, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au	ppm	0.001	
D73665 (464364)				0.745
D73666 (464365)				0.525
D73667 (464366)				0.011
D73668 (464367)				0.019
D73669 (464368)				0.015
D73670 (464369)				0.008
D73671 (464370)				0.007
D73672 (464371)				<0.001
D73673 (464372)				0.007
D73674 (464373)				0.009
D73675 (464374)				0.004
D73676 (464375)				0.007
D73677 (464376)				0.006
D73678 (464377)				0.007
D73679 (464378)				0.004
D73680 (464379)				0.002
D73681 (464380)				0.003
D73682 (464381)				0.006
D73683 (464382)				0.020
D73684 (464383)				0.002
D73685 (464384)				0.002
D73686 (464385)				0.335
D73687 (464386)				0.001
D73688 (464387)				0.001
D73689 (464388)				0.002
D73690 (464389)				0.006
D73691 (464390)				<0.001
D73692 (464391)				<0.001
D73693 (464392)				<0.001
D73694 (464393)				<0.001
D73695 (464394)				<0.001
D73696 (464395)				0.003

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## Certificate of Analysis

AGAT WORK ORDER: 19T508765

PROJECT: AGAT00754

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D73697 (464396)			0.004
D73698 (464397)			0.003
D73699 (464398)			0.120
D73700 (464399)			0.076
D73701 (464400)			0.003
D73702 (464401)			0.004
D73703 (464402)			0.008
D73704 (464403)			0.011
D73705 (464404)			0.007
D73706 (464405)			0.529
D73707 (464406)			0.009
D73708 (464407)			0.040
D73709 (464408)			0.009
D73710 (464409)			0.004
D73711 (464410)			0.005
D73712 (464411)			<0.001
D73713 (464412)			0.008
D73714 (464413)			0.004
D73715 (464414)			0.006
D73716 (464415)			0.006
D73717 (464416)			0.006
D73718 (464417)			0.006
D73719 (464418)			0.006
D73720 (464419)			0.020
D73721 (464420)			0.006
D73722 (464421)			0.005
D73723 (464422)			0.005
D73724 (464423)			0.009
D73725 (464424)			0.043
D73726 (464425)			0.339
D73727 (464426)			0.004
D73728 (464427)			0.001

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## Certificate of Analysis

AGAT WORK ORDER: 19T508765

PROJECT: AGAT00754

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 23, 2019

SAMPLE TYPE: Drill Core

Analyte:	Unit:	RDL:
Au	ppm	0.001
Sample ID (AGAT ID)		
D73729 (464428)		0.004
D73730 (464429)		0.007
D73731 (464430)		0.006
D73732 (464431)		<0.001
D73733 (464432)		0.005
D73734 (464433)		0.013
D73735 (464434)		0.008
D73736 (464435)		0.014

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T508765

PROJECT: AGAT00754

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D73665 (464364)		89.75
D73684 (464383)		81.03
D73693 (464392)		87.50
D73704 (464403)		81.98
D73713 (464412)		85.29
D73724 (464423)		83.78

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T508765

PROJECT: AGAT00754

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 23, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL: 0.01
D73665 (464364)	87.07

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	464364	< 0.5	< 0.5	0.0%	464378	< 0.5	< 0.5	0.0%	464389	< 0.5	< 0.5	0.0%	464403	< 0.5	< 0.5	0.0%
Al	464364	8.01	8.00	0.1%	464378	8.00	7.71	3.7%	464389	7.29	7.16	1.8%	464403	7.60	7.48	1.6%
As	464364	2	< 1		464378	< 1	< 1	0.0%	464389	< 1	1		464403	1	2	
Ba	464364	822	813	1.1%	464378	600	591	1.5%	464389	73	68	7.1%	464403	812	798	1.7%
Be	464364	1.6	1.6	0.0%	464378	1.18	1.14	3.4%	464389	1.9	1.9	0.0%	464403	2.57	2.49	3.2%
Bi	464364	< 1	< 1	0.0%	464378	< 1	< 1	0.0%	464389	< 1	< 1	0.0%	464403	< 1	< 1	0.0%
Ca	464364	2.94	2.86	2.8%	464378	3.50	3.42	2.3%	464389	1.64	1.64	0.0%	464403	2.62	2.59	1.2%
Cd	464364	< 0.5	< 0.5	0.0%	464378	< 0.5	< 0.5	0.0%	464389	< 0.5	< 0.5	0.0%	464403	< 0.5	< 0.5	0.0%
Ce	464364	51	49	4.0%	464378	42	39	7.4%	464389	2	2	0.0%	464403	43	41	4.8%
Co	464364	12.0	13.2	9.5%	464378	22.1	21.9	0.9%	464389	0.93	0.74	22.8%	464403	10.7	10.5	1.9%
Cr	464364	99.4	104	4.5%	464378	118	126	6.6%	464389	61.5	74.0	18.5%	464403	116	106	9.0%
Cu	464364	33.1	32.2	2.8%	464378	42.6	39.7	7.0%	464389	0.8	1.2		464403	14.7	14.5	1.4%
Fe	464364	2.75	2.73	0.7%	464378	4.79	4.67	2.5%	464389	0.846	0.721	16.0%	464403	2.22	2.19	1.4%
Ga	464364	21	22	4.7%	464378	19	19	0.0%	464389	17	16	6.1%	464403	21	21	0.0%
In	464364	< 1	< 1	0.0%	464378	< 1	< 1	0.0%	464389	< 1	< 1	0.0%	464403	< 1	< 1	0.0%
K	464364	1.79	1.78	0.6%	464378	1.50	1.46	2.7%	464389	0.91	0.81	11.6%	464403	2.02	1.99	1.5%
La	464364	23	23	0.0%	464378	21	20	4.9%	464389	< 2	< 2	0.0%	464403	20	19	5.1%
Li	464364	27	27	0.0%	464378	33	31	6.3%	464389	11	9	20.0%	464403	21	20	4.9%
Mg	464364	1.58	1.57	0.6%	464378	2.05	1.99	3.0%	464389	0.13	0.11	16.7%	464403	1.34	1.32	1.5%
Mn	464364	441	435	1.4%	464378	935	911	2.6%	464389	153	131	15.5%	464403	429	421	1.9%
Mo	464364	8.9	10.4	15.5%	464378	8.6	8.4	2.4%	464389	14.4	15.6	8.0%	464403	13.9	13.5	2.9%
Na	464364	3.92	3.93	0.3%	464378	3.04	2.95	3.0%	464389	3.84	3.82	0.5%	464403	3.49	3.44	1.4%
Ni	464364	41.8	41.1	1.7%	464378	58.5	57.8	1.2%	464389	2.3	3.3		464403	48.8	48.7	0.2%
P	464364	739	678	8.6%	464378	666	661	0.8%	464389	< 10	< 10	0.0%	464403	592	576	2.7%
Pb	464364	< 20	< 20	0.0%	464378	< 20	< 20	0.0%	464389	51	52	1.9%	464403	< 20	< 20	0.0%
Rb	464364	< 50	< 50	0.0%	464378	< 50	< 50	0.0%	464389	< 50	< 50	0.0%	464403	< 50	< 50	0.0%
S	464364	0.072	0.077	6.7%	464378	0.080	0.073	9.2%	464389	< 0.01	< 0.01	0.0%	464403	0.06	0.06	0.0%
Sb	464364	< 1	< 1	0.0%	464378	< 1	< 1	0.0%	464389	< 1	< 1	0.0%	464403	< 1	< 1	0.0%
Sc	464364	9	9	0.0%	464378	21	21	0.0%	464389	3	2		464403	7	7	0.0%
Se	464364	< 10	< 10	0.0%	464378	< 10	< 10	0.0%	464389	< 10	< 10	0.0%	464403	< 10	< 10	0.0%
Sn	464364	< 5	< 5	0.0%	464378	< 5	< 5	0.0%	464389	< 5	< 5	0.0%	464403	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	464364	773	782	1.2%	464378	453	441	2.7%	464389	93	93	0.0%	464403	607	579	4.7%
Ta	464364	< 10	< 10	0.0%	464378	< 10	< 10	0.0%	464389	< 10	< 10	0.0%	464403	< 10	< 10	0.0%
Te	464364	< 10	< 10	0.0%	464378	< 10	< 10	0.0%	464389	< 10	< 10	0.0%	464403	< 10	< 10	0.0%
Th	464364	< 5	< 5	0.0%	464378	< 5	< 5	0.0%	464389	24	26	8.0%	464403	< 5	< 5	0.0%
Ti	464364	0.27	0.27	0.0%	464378	0.396	0.390	1.5%	464389	0.06	0.05	18.2%	464403	0.176	0.173	1.7%
Tl	464364	< 5	< 5	0.0%	464378	< 5	< 5	0.0%	464389	< 5	< 5	0.0%	464403	< 5	< 5	0.0%
U	464364	< 50	< 50	0.0%	464378	< 50	< 50	0.0%	464389	54	66	20.0%	464403	< 50	< 50	0.0%
V	464364	71.7	71.7	0.0%	464378	146	144	1.4%	464389	6.6	5.7	14.6%	464403	46.8	45.9	1.9%
W	464364	< 1	< 1	0.0%	464378	2	< 1		464389	< 1	< 1	0.0%	464403	2	< 1	
Y	464364	13	12	8.0%	464378	16	15	6.5%	464389	3	3	0.0%	464403	11	11	0.0%
Zn	464364	63.6	63.1	0.8%	464378	74.7	73.4	1.8%	464389	27.5	23.1	17.4%	464403	54.6	52.7	3.5%
Zr	464364	89	87	2.3%	464378	98	95	3.1%	464389	45	48	6.5%	464403	99	104	4.9%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	464414	< 0.5	< 0.5	0.0%	464428	< 0.5	< 0.5	0.0%								
Al	464414	7.86	7.96	1.3%	464428	7.59	7.75	2.1%								
As	464414	< 1	< 1	0.0%	464428	< 1	< 1	0.0%								
Ba	464414	234	215	8.5%	464428	147	148	0.7%								
Be	464414	0.6	0.6	0.0%	464428	0.7	0.7	0.0%								
Bi	464414	< 1	< 1	0.0%	464428	< 1	< 1	0.0%								
Ca	464414	6.20	6.38	2.9%	464428	4.37	4.35	0.5%								
Cd	464414	< 0.5	< 0.5	0.0%	464428	< 0.5	< 0.5	0.0%								
Ce	464414	7	5		464428	10	9	10.5%								
Co	464414	41.5	44.7	7.4%	464428	32.1	33.0	2.8%								
Cr	464414	154	149	3.3%	464428	194	201	3.5%								
Cu	464414	127	118	7.3%	464428	62.1	64.3	3.5%								
Fe	464414	8.29	8.55	3.1%	464428	7.56	7.49	0.9%								
Ga	464414	20	20	0.0%	464428	19	20	5.1%								
In	464414	< 1	< 1	0.0%	464428	< 1	< 1	0.0%								
K	464414	0.601	0.583	3.0%	464428	1.07	1.08	0.9%								
La	464414	6	6	0.0%	464428	6	6	0.0%								
Li	464414	23	21	9.1%	464428	45	46	2.2%								
Mg	464414	2.27	2.40	5.6%	464428	3.28	3.34	1.8%								
Mn	464414	2100	2130	1.4%	464428	1280	1310	2.3%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	464414	5.5	4.9	11.5%	464428	5.6	5.5	1.8%								
Na	464414	2.18	2.10	3.7%	464428	2.21	2.18	1.4%								
Ni	464414	69.1	75.3	8.6%	464428	91.6	92.1	0.5%								
P	464414	476	480	0.8%	464428	518	524	1.2%								
Pb	464414	< 20	< 20	0.0%	464428	42	38	10.0%								
Rb	464414	< 50	< 50	0.0%	464428	< 50	< 50	0.0%								
S	464414	0.18	0.17	5.7%	464428	0.101	0.106	4.8%								
Sb	464414	< 1	< 1	0.0%	464428	< 1	< 1	0.0%								
Sc	464414	40	42	4.9%	464428	33	34	3.0%								
Se	464414	< 10	< 10	0.0%	464428	< 10	< 10	0.0%								
Sn	464414	< 5	< 5	0.0%	464428	< 5	< 5	0.0%								
Sr	464414	191	183	4.3%	464428	245	241	1.6%								
Ta	464414	< 10	< 10	0.0%	464428	< 10	< 10	0.0%								
Te	464414	< 10	< 10	0.0%	464428	< 10	< 10	0.0%								
Th	464414	< 5	< 5	0.0%	464428	< 5	< 5	0.0%								
Ti	464414	0.68	0.68	0.0%	464428	0.505	0.499	1.2%								
Tl	464414	< 5	< 5	0.0%	464428	< 5	< 5	0.0%								
U	464414	< 50	< 50	0.0%	464428	< 50	< 50	0.0%								
V	464414	279	294	5.2%	464428	213	216	1.4%								
W	464414	2	1		464428	2	2	0.0%								
Y	464414	27	27	0.0%	464428	20	21	4.9%								
Zn	464414	108	111	2.7%	464428	182	183	0.5%								
Zr	464414	22	20	9.5%	464428	51	50	2.0%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	464364	0.011	0.009	20.0%	464378	0.004	0.005	22.2%	464389	0.006	0.004		464403	0.0114	0.0117	2.6%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	464414	0.0061	0.0067	9.4%	464428	0.004	0.004	0.0%								

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS4H)				CRM #2 (ref.1P5R)				CRM #3 (ref.WMG-1a)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag									3.03	3.1	102%	90% - 110%				
Al	10.95	10.73	98%	90% - 110%	8.17	8.2	100%	90% - 110%	4.75	4.78	101%	90% - 110%	6.96	6.89	99%	90% - 110%
As					26	25	96%	90% - 110%					124	123	99%	90% - 110%
Ba	340	322	95%	90% - 110%	540	506	94%	90% - 110%	216	204	94%	90% - 110%	186	179	96%	90% - 110%
Be	2.6	2.8	106%	90% - 110%	4.0	3.6	89%	90% - 110%								
Ca	5.72	5.56	97%	90% - 110%	0.907	0.885	98%	90% - 110%	10	9	92%	90% - 110%	4.01	3.85	96%	90% - 110%
Ce	122	121	100%	90% - 110%	98	99	101%	90% - 110%					24	25	104%	90% - 110%
Co									191	177	93%	90% - 110%	22.1	21.5	97%	90% - 110%
Cr					60.3	61.1	101%	90% - 110%	670	627	93%	90% - 110%				
Cu					150	150	100%	90% - 110%	7120	7219	101%	90% - 110%	88.6	83.5	94%	90% - 110%
Fe	4.34	3.94	91%	90% - 110%	3.77	3.56	95%	90% - 110%	12.71	11.94	93%	90% - 110%	7.56	7.3	97%	90% - 110%
Ga	35	37	106%	90% - 110%												
K	1.37	1.46	107%	90% - 110%					0.1021	0.1107	108%	90% - 110%	2.021	2.116	105%	90% - 110%
La	58	53	92%	90% - 110%	44	44	99%	90% - 110%	8.47	8.12	96%	90% - 110%				
Li	37	39	104%	90% - 110%	47	47	99%	90% - 110%								
Mg	0.325	0.307	94%	90% - 110%	1.10	1.11	101%	90% - 110%	7.41	7.73	104%	90% - 110%	2.412	2.547	106%	90% - 110%
Mn					780	735	94%	90% - 110%					1510	1419	94%	90% - 110%
Mo					14	14	99%	90% - 110%	2.49	2.78	112%	90% - 110%				
Na	5.267	5.547	105%	90% - 110%	1.624	1.719	106%	90% - 110%	0.112	0.12	108%	90% - 110%	0.617	0.662	107%	90% - 110%
Ni	9	8	84%	90% - 110%	32	34	106%	90% - 110%	2480	2299	93%	90% - 110%	77.1	73.3	95%	90% - 110%
P					750	692	92%	90% - 110%	731	659	90%	90% - 110%	892	908	102%	90% - 110%
Pb	10	8	83%	90% - 110%	31	30	96%	90% - 110%								
S													0.348	0.336	96%	90% - 110%
Sc	1.1	1	95%	90% - 110%	12	13	107%	90% - 110%	21.33	21.9	103%	90% - 110%				
Sr	1191	1119	94%	90% - 110%	144	147	102%	90% - 110%	39	37	94%	90% - 110%	92.8	87.4	94%	90% - 110%
Ti	0.172	0.164	95%	90% - 110%	0.53	0.49	92%	90% - 110%	0.419	0.403	96%	90% - 110%				
V	8	8	99%	90% - 110%	77	80	104%	90% - 110%	158	168	106%	90% - 110%				
W					5	6	113%	90% - 110%								
Y	119	125	105%	90% - 110%					12.67	13.33	105%	90% - 110%				
Zn	93	94	101%	90% - 110%	130	126	97%	90% - 110%	112	116	103%	90% - 110%	208	205	99%	90% - 110%
Zr									35.7	38.2	107%	90% - 110%				



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS4H)				CRM #2 (ref.1P5R)				CRM #3 (ref.GS6F)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.01	5.21	104%	90% - 110%	1.81	1.84	102%	90% - 110%	6.87	6.86	100%	90% - 110%	0.562	0.55	98%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00754  
 SAMPLING SITE:

AGAT WORK ORDER: 19T508765  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00755

AGAT WORK ORDER: 19T508769

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 11, 2019

PAGES (INCLUDING COVER): 20

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.





## Certificate of Analysis

AGAT WORK ORDER: 19T508769

PROJECT: AGAT00755

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 22, 2019      DATE RECEIVED: Aug 22, 2019      DATE REPORTED: Sep 11, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D73737 (464457)		1.51
D73738 (464458)		1.51
D73739 (464459)		2.01
D73740 (464460)		2.22
D73741 (464461)		2.13
D73742 (464462)		1.99
D73743 (464463)		2.16
D73744 (464464)		2.18
D73745 (464465)		2.24
D73746 (464466)		0.07
D73747 (464467)		2.12
D73748 (464468)		2.15
D73749 (464469)		2.29
D73750 (464470)		2.19
D73751 (464471)		2.24
D73752 (464472)		0.60
D73753 (464473)		2.22
D73754 (464474)		1.76
D73755 (464475)		2.52
D73756 (464476)		0.79
D73757 (464477)		3.21
D73758 (464478)		3.21
D73759 (464479)		0.83
D73760 (464480)		2.42
D73761 (464481)		2.76
D73762 (464482)		2.41
D73763 (464483)		3.30
D73764 (464484)		1.46
D73765 (464485)		2.56
D73766 (464486)		0.07
D73767 (464487)		2.17

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T508769

PROJECT: AGAT00755

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 11, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D73768 (464488)		1.02
D73769 (464489)		2.26
D73770 (464490)		2.21
D73771 (464491)		2.30
D73772 (464492)		0.63
D73773 (464493)		2.18

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T508769

PROJECT: AGAT00755

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019	DATE RECEIVED: Aug 22, 2019							DATE REPORTED: Sep 11, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D73737 (464457)	<0.5	8.44	<1	113	1.6	<1	5.53	<0.5	5	42.1	157	21.1	8.48	24	
D73738 (464458)	<0.5	8.38	<1	114	1.5	<1	5.69	<0.5	5	44.7	158	20.4	8.79	24	
D73739 (464459)	<0.5	7.53	4	160	3.6	<1	1.39	<0.5	5	1.4	50.9	14.1	0.74	21	
D73740 (464460)	<0.5	7.12	5	318	3.6	<1	0.90	<0.5	11	<0.5	53.5	8.1	0.36	18	
D73741 (464461)	<0.5	6.84	2	121	1.7	<1	1.28	<0.5	2	0.6	66.6	7.5	0.59	17	
D73742 (464462)	<0.5	5.81	4	117	1.4	<1	0.98	<0.5	2	0.7	63.0	9.2	0.57	14	
D73743 (464463)	<0.5	7.35	4	600	0.7	<1	0.59	<0.5	1	0.8	45.4	1.5	0.46	14	
D73744 (464464)	<0.5	8.05	4	239	1.6	<1	1.23	<0.5	3	0.8	66.9	1.8	0.60	19	
D73745 (464465)	<0.5	7.28	4	209	1.4	<1	1.02	<0.5	2	0.9	50.6	7.8	0.58	17	
D73746 (464466)	<0.5	7.51	<1	145	<0.5	<1	7.11	<0.5	5	44.0	149	170	8.32	23	
D73747 (464467)	<0.5	7.12	4	366	0.7	<1	0.58	<0.5	2	0.5	62.1	2.7	0.37	14	
D73748 (464468)	<0.5	6.39	4	271	0.8	<1	0.69	<0.5	3	0.6	55.7	3.7	0.63	15	
D73749 (464469)	<0.5	7.46	<1	340	0.9	<1	0.82	<0.5	2	<0.5	58.3	1.8	0.37	16	
D73750 (464470)	<0.5	7.42	4	270	1.2	<1	1.04	<0.5	6	<0.5	40.5	2.2	0.44	16	
D73751 (464471)	<0.5	7.12	2	485	1.1	<1	0.84	<0.5	12	<0.5	54.3	4.9	0.54	14	
D73752 (464472)	<0.5	0.05	4	14	<0.5	<1	33.4	<0.5	2	1.2	4.1	<0.5	0.08	7	
D73753 (464473)	<0.5	6.94	3	220	1.1	<1	0.95	<0.5	4	<0.5	46.1	12.6	0.50	16	
D73754 (464474)	<0.5	7.39	3	214	1.3	<1	1.23	<0.5	4	<0.5	62.3	1.9	0.46	16	
D73755 (464475)	<0.5	8.09	<1	146	0.6	<1	3.55	<0.5	18	10.1	87.9	36.8	2.45	23	
D73756 (464476)	<0.5	8.39	5	169	0.5	<1	3.49	<0.5	17	9.4	59.4	12.9	2.34	23	
D73757 (464477)	<0.5	8.68	<1	216	0.6	<1	3.62	<0.5	21	10.7	75.9	32.5	2.76	24	
D73758 (464478)	<0.5	8.44	2	208	0.6	<1	3.55	<0.5	20	10.8	61.7	32.9	2.71	24	
D73759 (464479)	<0.5	7.65	<1	87	1.3	<1	2.30	<0.5	23	5.0	84.1	23.5	1.96	22	
D73760 (464480)	<0.5	7.56	<1	127	0.6	<1	3.15	<0.5	55	8.4	57.2	31.2	4.90	23	
D73761 (464481)	<0.5	7.47	1	218	1.3	<1	1.15	<0.5	8	2.4	63.5	6.8	0.98	17	
D73762 (464482)	<0.5	7.53	<1	123	0.5	<1	3.69	<0.5	41	13.3	57.4	62.7	4.67	23	
D73763 (464483)	<0.5	7.77	<1	151	0.6	<1	3.57	<0.5	39	14.4	63.4	45.7	4.29	24	
D73764 (464484)	<0.5	9.00	1	227	0.8	<1	3.61	<0.5	21	9.0	68.7	18.2	2.60	25	
D73765 (464485)	<0.5	9.60	<1	177	0.5	<1	3.63	<0.5	20	10.6	53.2	22.1	2.80	26	
D73766 (464486)	<0.5	7.34	5	80	<0.5	<1	7.46	<0.5	5	45.8	161	164	7.33	24	
D73767 (464487)	<0.5	8.11	<1	48	<0.5	<1	6.38	<0.5	8	47.0	150	62.7	10.5	30	
D73768 (464488)	<0.5	8.05	3	138	<0.5	<1	2.86	<0.5	17	8.3	66.5	13.7	2.46	20	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T508769

PROJECT: AGAT00755

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019	DATE RECEIVED: Aug 22, 2019				DATE REPORTED: Sep 11, 2019				SAMPLE TYPE: Drill Core					
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm
Sample ID (AGAT ID)	RDL:													
D73769 (464489)	<0.5	8.23	<1	194	<0.5	<1	3.33	<0.5	18	9.3	63.4	30.6	3.04	24
D73770 (464490)	<0.5	8.53	<1	206	<0.5	<1	3.77	<0.5	17	7.9	39.3	10.8	2.45	25
D73771 (464491)	<0.5	8.92	<1	211	0.5	<1	3.65	<0.5	21	9.0	66.4	11.8	2.45	25
D73772 (464492)	<0.5	0.06	<1	13	<0.5	<1	35.9	<0.5	2	1.0	2.2	<0.5	0.08	7
D73773 (464493)	<0.5	8.90	2	221	<0.5	<1	3.24	<0.5	15	6.4	47.9	10.2	2.10	24

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T508769

PROJECT: AGAT00755

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019	DATE RECEIVED: Aug 22, 2019					DATE REPORTED: Sep 11, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D73737 (464457)	<1	0.89	4	40	3.31	1540	2.8	2.29	61.5	296	<20	<50	0.03	<1	
D73738 (464458)	<1	0.89	4	39	3.34	1540	2.9	2.31	62.3	307	<20	<50	0.03	<1	
D73739 (464459)	<1	2.01	<2	8	0.11	212	10.7	3.76	<0.5	30	62	89	0.03	2	
D73740 (464460)	<1	3.70	5	3	0.05	201	14.0	2.85	0.7	37	51	160	0.02	3	
D73741 (464461)	<1	2.11	<2	6	0.09	182	13.1	3.22	0.5	18	58	93	0.02	<1	
D73742 (464462)	<1	2.06	<2	3	0.05	410	9.7	2.61	0.5	13	47	77	0.02	<1	
D73743 (464463)	<1	5.56	<2	6	0.06	78	9.2	2.26	<0.5	<10	52	264	<0.01	<1	
D73744 (464464)	<1	3.19	<2	12	0.12	90	10.8	3.70	<0.5	23	64	143	<0.01	<1	
D73745 (464465)	<1	3.30	<2	11	0.09	77	10.3	3.09	<0.5	19	56	140	0.02	<1	
D73746 (464466)	<1	0.21	4	12	4.47	1450	<0.5	2.47	91.4	401	<20	<50	0.16	<1	
D73747 (464467)	<1	5.27	<2	6	0.05	86	11.4	2.31	<0.5	16	64	256	<0.01	2	
D73748 (464468)	<1	3.83	<2	11	0.09	97	12.0	2.32	<0.5	14	80	172	0.01	<1	
D73749 (464469)	<1	4.31	<2	6	0.05	54	11.0	2.76	<0.5	11	53	204	<0.01	<1	
D73750 (464470)	<1	3.49	2	5	0.05	69	9.5	3.07	<0.5	<10	58	152	<0.01	<1	
D73751 (464471)	<1	4.13	5	9	0.07	219	10.7	2.62	<0.5	14	72	186	0.02	2	
D73752 (464472)	4	0.02	<2	<1	2.15	45	<0.5	0.03	<0.5	58	<20	<50	<0.01	<1	
D73753 (464473)	<1	3.69	<2	8	0.06	175	9.6	2.83	<0.5	15	61	158	0.05	2	
D73754 (464474)	<1	2.92	<2	7	0.06	141	11.9	3.31	0.7	11	58	112	0.01	<1	
D73755 (464475)	<1	0.71	9	28	0.88	361	9.1	2.96	27.8	344	<20	<50	0.25	<1	
D73756 (464476)	<1	0.71	9	29	1.15	357	6.0	3.25	24.6	339	<20	<50	0.11	<1	
D73757 (464477)	<1	0.77	10	31	1.17	430	8.4	3.24	26.1	406	<20	<50	0.22	<1	
D73758 (464478)	<1	0.74	10	30	1.13	416	7.5	3.13	26.3	419	<20	<50	0.22	<1	
D73759 (464479)	<1	0.82	10	24	0.43	386	12.1	3.56	5.1	341	<20	<50	0.17	<1	
D73760 (464480)	<1	0.88	23	38	1.11	651	7.6	2.60	7.6	898	<20	<50	0.27	<1	
D73761 (464481)	<1	3.68	3	13	0.21	277	10.5	2.85	3.4	111	55	150	0.06	1	
D73762 (464482)	<1	0.64	18	29	1.31	736	6.9	2.61	16.7	713	<20	<50	0.46	<1	
D73763 (464483)	<1	0.55	18	27	1.14	628	7.2	2.65	17.0	737	<20	<50	0.35	<1	
D73764 (464484)	<1	0.93	10	30	0.97	383	9.9	2.97	15.1	427	<20	<50	0.17	<1	
D73765 (464485)	<1	0.72	10	28	1.13	472	5.4	3.62	15.8	290	<20	<50	0.23	<1	
D73766 (464486)	<1	0.24	4	12	4.44	1320	<0.5	1.72	107	360	<20	<50	0.20	<1	
D73767 (464487)	<1	0.29	6	33	3.15	1390	2.7	1.77	85.3	528	<20	<50	0.54	<1	
D73768 (464488)	<1	0.59	9	23	0.82	444	9.7	3.11	17.5	214	<20	<50	0.13	<1	

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## Certificate of Analysis

AGAT WORK ORDER: 19T508769

PROJECT: AGAT00755

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019	DATE RECEIVED: Aug 22, 2019					DATE REPORTED: Sep 11, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:														
D73769 (464489)	<1	0.92	9	34	1.17	576	7.2	2.75	15.5	351	<20	<50	0.25	<1	
D73770 (464490)	<1	0.84	9	35	1.20	525	6.6	2.66	12.3	358	<20	<50	0.07	<1	
D73771 (464491)	<1	0.92	11	34	1.07	461	8.0	3.06	14.1	474	<20	<50	0.07	<1	
D73772 (464492)	2	<0.01	<2	<1	1.91	61	<0.5	0.03	<0.5	69	<20	<50	<0.01	<1	
D73773 (464493)	<1	1.06	8	33	0.90	422	6.1	3.01	10.0	289	<20	<50	0.05	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 11, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D73737 (464457)	44	<10	<5	116	<10	<10	<5	0.52	<5	<50	252	<1	24	148
D73738 (464458)	46	<10	<5	118	<10	<10	<5	0.53	<5	<50	266	<1	25	152
D73739 (464459)	4	<10	<5	74	<10	<10	10	0.04	<5	<50	6.6	<1	10	17.7
D73740 (464460)	1	<10	<5	74	<10	<10	9	0.01	<5	<50	3.5	<1	11	6.1
D73741 (464461)	2	<10	<5	70	<10	<10	14	0.04	<5	<50	5.1	<1	6	23.4
D73742 (464462)	2	<10	<5	53	<10	<10	17	0.02	<5	51	2.6	<1	19	9.8
D73743 (464463)	1	<10	<5	82	<10	<10	<5	0.03	<5	<50	4.1	<1	1	11.2
D73744 (464464)	2	<10	<5	82	<10	<10	17	0.05	<5	95	4.7	<1	4	20.4
D73745 (464465)	2	<10	<5	71	<10	<10	13	0.04	<5	57	3.8	<1	3	21.5
D73746 (464466)	48	<10	<5	111	<10	<10	<5	0.68	<5	<50	310	<1	23	83.1
D73747 (464467)	1	<10	<5	74	<10	<10	13	0.02	<5	<50	3.3	<1	3	9.2
D73748 (464468)	2	<10	<5	67	<10	<10	36	0.04	<5	76	4.0	<1	3	19.5
D73749 (464469)	1	<10	<5	78	<10	<10	9	0.02	<5	<50	3.4	<1	2	8.9
D73750 (464470)	1	<10	<5	78	<10	<10	24	0.03	<5	60	3.1	<1	3	10.0
D73751 (464471)	2	<10	<5	83	<10	<10	22	0.03	<5	62	4.8	<1	11	13.3
D73752 (464472)	<1	<10	<5	66	<10	<10	<5	<0.01	<5	<50	2.5	2	2	3.1
D73753 (464473)	1	<10	<5	73	<10	<10	19	0.02	<5	<50	3.7	<1	7	13.6
D73754 (464474)	1	<10	<5	81	<10	<10	22	0.03	<5	61	3.9	<1	5	8.7
D73755 (464475)	7	<10	<5	268	<10	<10	<5	0.20	<5	<50	48.4	<1	6	81.0
D73756 (464476)	7	<10	<5	275	<10	<10	<5	0.21	<5	<50	45.8	<1	5	58.4
D73757 (464477)	8	<10	<5	297	<10	<10	<5	0.23	<5	<50	52.1	<1	7	73.2
D73758 (464478)	8	<10	<5	286	<10	<10	<5	0.23	<5	<50	51.6	<1	7	73.2
D73759 (464479)	6	<10	<5	134	<10	<10	<5	0.16	<5	<50	14.3	<1	17	56.8
D73760 (464480)	17	<10	<5	192	<10	<10	<5	0.44	<5	<50	28.5	<1	41	128
D73761 (464481)	3	<10	<5	81	<10	<10	<5	0.05	<5	<50	15.1	<1	8	29.1
D73762 (464482)	17	<10	<5	208	<10	<10	<5	0.38	<5	<50	58.1	<1	30	110
D73763 (464483)	15	<10	<5	252	<10	<10	<5	0.36	<5	<50	46.5	<1	27	101
D73764 (464484)	5	<10	<5	362	<10	<10	<5	0.23	<5	<50	40.5	<1	6	98.2
D73765 (464485)	7	<10	<5	357	<10	<10	<5	0.22	<5	<50	45.9	<1	5	62.3
D73766 (464486)	46	<10	<5	164	<10	<10	<5	0.58	<5	<50	292	<1	21	77.9
D73767 (464487)	45	<10	<5	142	<10	<10	<5	0.94	<5	<50	382	<1	37	174
D73768 (464488)	6	<10	<5	253	<10	<10	<5	0.20	<5	<50	45.1	<1	5	50.3

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T508769

PROJECT: AGAT00755

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 11, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D73769 (464489)	7	<10	<5	267	<10	<10	<5	0.22	<5	<50	46.0	<1	7	72.2
D73770 (464490)	6	<10	<5	282	<10	<10	<5	0.20	<5	<50	40.2	<1	5	60.9
D73771 (464491)	6	<10	<5	293	<10	<10	<5	0.22	<5	<50	49.0	<1	5	111
D73772 (464492)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	2.6	2	2	3.2
D73773 (464493)	5	<10	<5	301	<10	<10	<5	0.18	<5	<50	36.8	<1	4	68.9

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## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019      DATE RECEIVED: Aug 22, 2019      DATE REPORTED: Sep 11, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D73737 (464457)				19
D73738 (464458)				20
D73739 (464459)				24
D73740 (464460)				21
D73741 (464461)				35
D73742 (464462)				53
D73743 (464463)				13
D73744 (464464)				20
D73745 (464465)				51
D73746 (464466)				48
D73747 (464467)				23
D73748 (464468)				29
D73749 (464469)				37
D73750 (464470)				57
D73751 (464471)				42
D73752 (464472)				<5
D73753 (464473)				45
D73754 (464474)				56
D73755 (464475)				51
D73756 (464476)				65
D73757 (464477)				83
D73758 (464478)				81
D73759 (464479)				85
D73760 (464480)				207
D73761 (464481)				42
D73762 (464482)				148
D73763 (464483)				156
D73764 (464484)				60
D73765 (464485)				58
D73766 (464486)				44
D73767 (464487)				13
D73768 (464488)				35

Certified By:



## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 11, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D73769 (464489)	69
D73770 (464490)	57
D73771 (464491)	68
D73772 (464492)	<5
D73773 (464493)	54

Comments: RDL - Reported Detection Limit

464457-464493 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T508769

PROJECT: AGAT00755

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 11, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D73737 (464457)			0.005
D73738 (464458)			0.004
D73739 (464459)			0.010
D73740 (464460)			0.006
D73741 (464461)			0.001
D73742 (464462)			0.009
D73743 (464463)			0.001
D73744 (464464)			0.002
D73745 (464465)			0.001
D73746 (464466)			0.531
D73747 (464467)			0.002
D73748 (464468)			0.001
D73749 (464469)			0.001
D73750 (464470)			<0.001
D73751 (464471)			0.001
D73752 (464472)			0.001
D73753 (464473)			0.001
D73754 (464474)			0.001
D73755 (464475)			0.003
D73756 (464476)			<0.001
D73757 (464477)			0.002
D73758 (464478)			0.003
D73759 (464479)			0.002
D73760 (464480)			0.003
D73761 (464481)			0.002
D73762 (464482)			0.005
D73763 (464483)			0.005
D73764 (464484)			0.043
D73765 (464485)			0.004
D73766 (464486)			1.23
D73767 (464487)			0.007
D73768 (464488)			0.002

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T508769

PROJECT: AGAT00755

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 22, 2019      DATE RECEIVED: Aug 22, 2019      DATE REPORTED: Sep 11, 2019      SAMPLE TYPE: Drill Core

Analyte:	Unit:	RDL:
Au	ppm	0.001
Sample ID (AGAT ID)		
D73769 (464489)		0.003
D73770 (464490)		0.004
D73771 (464491)		0.002
D73772 (464492)		<0.001
D73773 (464493)		0.001

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T508769

PROJECT: AGAT00755

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 11, 2019

SAMPLE TYPE: Drill Core

	Analyte:	Pass %
	Unit:	%
Sample ID (AGAT ID)	RDL:	0.01
D73737 (464457)		89.05
D73756 (464476)		86.48

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





# Certificate of Analysis

AGAT WORK ORDER: 19T508769

PROJECT: AGAT00755

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 11, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL: 0.01
D73737 (464457)	93.64

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	464457	< 0.5	< 0.5	0.0%	464471	< 0.5	< 0.5	0.0%	464482	< 0.5	< 0.5	0.0%				
Al	464457	8.44	8.18	3.1%	464471	7.12	7.01	1.6%	464482	7.53	7.63	1.3%				
As	464457	< 1	< 1	0.0%	464471	2	< 1		464482	< 1	< 1	0.0%				
Ba	464457	113	108	4.5%	464471	485	478	1.5%	464482	123	126	2.4%				
Be	464457	1.58	1.53	3.2%	464471	1.1	1.1	0.0%	464482	0.52	0.56	7.4%				
Bi	464457	< 1	< 1	0.0%	464471	< 1	< 1	0.0%	464482	< 1	< 1	0.0%				
Ca	464457	5.53	5.33	3.7%	464471	0.84	0.83	1.2%	464482	3.69	3.79	2.7%				
Cd	464457	< 0.5	< 0.5	0.0%	464471	< 0.5	< 0.5	0.0%	464482	< 0.5	< 0.5	0.0%				
Ce	464457	5	5	0.0%	464471	12	11	8.7%	464482	41	41	0.0%				
Co	464457	42.1	44.5	5.5%	464471	< 0.5	0.7		464482	13.3	13.3	0.0%				
Cr	464457	157	129	19.6%	464471	54.3	63.0	14.8%	464482	57.4	76.9	29.0%				
Cu	464457	21.1	20.0	5.4%	464471	4.9	5.3	7.8%	464482	62.7	62.1	1.0%				
Fe	464457	8.48	8.25	2.7%	464471	0.539	0.510	5.5%	464482	4.67	4.68	0.2%				
Ga	464457	24	25	4.1%	464471	14	15	6.9%	464482	23	23	0.0%				
In	464457	< 1	< 1	0.0%	464471	< 1	< 1	0.0%	464482	< 1	< 1	0.0%				
K	464457	0.89	0.87	2.3%	464471	4.13	4.09	1.0%	464482	0.64	0.64	0.0%				
La	464457	4	4	0.0%	464471	5	4	22.2%	464482	18	18	0.0%				
Li	464457	40	39	2.5%	464471	9	9	0.0%	464482	29	30	3.4%				
Mg	464457	3.31	3.25	1.8%	464471	0.067	0.062	7.8%	464482	1.31	1.32	0.8%				
Mn	464457	1540	1510	2.0%	464471	219	213	2.8%	464482	736	747	1.5%				
Mo	464457	2.8	3.8	30.3%	464471	10.7	11.7	8.9%	464482	6.92	7.96	14.0%				
Na	464457	2.29	2.19	4.5%	464471	2.62	2.59	1.2%	464482	2.61	2.70	3.4%				
Ni	464457	61.5	60.5	1.6%	464471	< 0.5	< 0.5	0.0%	464482	16.7	18.0	7.5%				
P	464457	296	287	3.1%	464471	14	15	6.9%	464482	713	711	0.3%				
Pb	464457	< 20	< 20	0.0%	464471	72	73	1.4%	464482	< 20	< 20	0.0%				
Rb	464457	< 50	< 50	0.0%	464471	186	184	1.1%	464482	< 50	< 50	0.0%				
S	464457	0.03	0.03	0.0%	464471	0.02	0.02	0.0%	464482	0.46	0.47	2.2%				
Sb	464457	< 1	< 1	0.0%	464471	2	< 1		464482	< 1	< 1	0.0%				
Sc	464457	44	45	2.2%	464471	2	2	0.0%	464482	17	17	0.0%				
Se	464457	< 10	< 10	0.0%	464471	< 10	< 10	0.0%	464482	< 10	< 10	0.0%				
Sn	464457	< 5	< 5	0.0%	464471	< 5	< 5	0.0%	464482	< 5	< 5	0.0%				



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	464457	116	111	4.4%	464471	83	82	1.2%	464482	208	215	3.3%				
Ta	464457	< 10	< 10	0.0%	464471	< 10	< 10	0.0%	464482	< 10	< 10	0.0%				
Te	464457	< 10	< 10	0.0%	464471	< 10	< 10	0.0%	464482	< 10	< 10	0.0%				
Th	464457	< 5	< 5	0.0%	464471	22	21	4.7%	464482	< 5	< 5	0.0%				
Ti	464457	0.515	0.498	3.4%	464471	0.03	0.03	0.0%	464482	0.385	0.391	1.5%				
Tl	464457	< 5	< 5	0.0%	464471	< 5	< 5	0.0%	464482	< 5	< 5	0.0%				
U	464457	< 50	< 50	0.0%	464471	62	58	6.7%	464482	< 50	< 50	0.0%				
V	464457	252	261	3.5%	464471	4.80	5.09	5.9%	464482	58.1	58.4	0.5%				
W	464457	< 1	< 1	0.0%	464471	< 1	< 1	0.0%	464482	< 1	< 1	0.0%				
Y	464457	24	25	4.1%	464471	11	11	0.0%	464482	30	29	3.4%				
Zn	464457	148	148	0.0%	464471	13.3	13.0	2.3%	464482	110	109	0.9%				
Zr	464457	19	22	14.6%	464471	42	44	4.7%	464482	148	135	9.2%				

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Au	464457	0.005	0.004	22.2%	464471	0.001	< 0.001		464482	0.005	0.005	0.0%				





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)											
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Al	10.95	10.92	100%	90% - 110%	8.17	8.33	102%	90% - 110%								
As					26	26	101%	90% - 110%								
Ba	340	321	94%	90% - 110%	540	497	92%	90% - 110%								
Be	2.6	2.7	103%	90% - 110%	4.0	3.7	92%	90% - 110%								
Ca	5.72	5.53	97%	90% - 110%	0.907	0.883	97%	90% - 110%								
Ce	122	119	98%	90% - 110%	98	98	100%	90% - 110%								
Co	2.8	2.4	86%	90% - 110%												
Cr					60.3	62.7	104%	90% - 110%								
Cu	7	5	75%	90% - 110%	150	158	105%	90% - 110%								
Fe	4.34	4.01	92%	90% - 110%	3.77	3.65	97%	90% - 110%								
Ga	35	37	107%	90% - 110%												
K	1.37	1.41	103%	90% - 110%												
La	58	53	92%	90% - 110%	44	43	99%	90% - 110%								
Li	37	37	99%	90% - 110%	47	45	95%	90% - 110%								
Mg	0.325	0.309	95%	90% - 110%	1.10	1.1	100%	90% - 110%								
Mn					780	764	98%	90% - 110%								
Mo					14	14	98%	90% - 110%								
Na	5.267	5.577	106%	90% - 110%	1.624	1.741	107%	90% - 110%								
Ni	9	7	76%	90% - 110%	32	35	109%	90% - 110%								
P					750	767	102%	90% - 110%								
Pb					31	28	90%	90% - 110%								
Rb	55	60	109%	90% - 110%	143	137	96%	90% - 110%								
Sc	1.1	0.9	84%	90% - 110%	12	13	109%	90% - 110%								
Sr	1191	1115	94%	90% - 110%	144	141	98%	90% - 110%								
Ti	0.172	0.159	93%	90% - 110%	0.53	0.49	92%	90% - 110%								
V	8	7	92%	90% - 110%	77	79	103%	90% - 110%								
Y	119	125	105%	90% - 110%												
Zn	93	93	100%	90% - 110%	130	123	95%	90% - 110%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP7M)											
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								



**AGAT** Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 19T508769

PROJECT: AGAT00755

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Au	6.87	6.92	101%	90% - 110%	0.725	0.732	101%	90% - 110%								
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## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00755  
 SAMPLING SITE:

AGAT WORK ORDER: 19T508769  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00756

AGAT WORK ORDER: 19T508773

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 18, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T508773

PROJECT: AGAT00756

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 22, 2019      DATE RECEIVED: Aug 22, 2019      DATE REPORTED: Sep 18, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
B74023 (464504)		2.38
B74024 (464505)		2.82
B74025 (464506)		2.86
B74026 (464507)		0.07
B74027 (464508)		1.92
B74028 (464509)		2.34
B74029 (464510)		1.27
B74030 (464511)		0.88
B74031 (464512)		3.08
B74032 (464513)		0.62
B74033 (464514)		2.93
B74034 (464515)		2.39
B74035 (464516)		1.93
B74036 (464517)		2.84
B74037 (464518)		1.94
B74038 (464519)		1.94
B74039 (464520)		1.40
B74040 (464521)		1.19
B74041 (464522)		1.07
B74042 (464523)		3.08
B74043 (464524)		2.00
B74044 (464525)		1.65
B74045 (464526)		2.55
B74046 (464527)		0.07
B74047 (464528)		1.62
B74048 (464529)		0.78
B74049 (464530)		0.73
B74050 (464531)		3.08
B74051 (464532)		1.46
B74052 (464533)		0.61
B74053 (464534)		1.17

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T508773

PROJECT: AGAT00756

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
B74054 (464535)		1.90
B74055 (464536)		2.51
B74056 (464537)		2.09
B74057 (464538)		2.50
B74058 (464539)		2.50
B74059 (464540)		1.80
B74060 (464541)		1.76
B74061 (464542)		2.75
B74062 (464543)		3.13
B74063 (464544)		2.61
B74064 (464545)		2.53
B74065 (464546)		2.26
B74066 (464547)		0.07
B74067 (464548)		3.19
B74068 (464549)		3.14
B74069 (464550)		3.48
B74070 (464551)		2.62
B74071 (464552)		1.68
B74072 (464553)		0.60
B74073 (464554)		3.21
B74074 (464555)		3.07
B74075 (464556)		3.25
B74076 (464557)		2.16
B74077 (464558)		2.52
B74078 (464559)		2.52
B74079 (464560)		2.98
B74080 (464561)		1.83
B74081 (464562)		2.83
B74082 (464563)		1.19
B74083 (464564)		2.32
B74084 (464565)		1.91

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T508773

PROJECT: AGAT00756

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
B74085 (464566)		2.44
B74086 (464567)		0.07
B74087 (464568)		2.21
B74088 (464569)		1.58
B74089 (464570)		1.38
B74090 (464571)		3.31
B74091 (464572)		1.16
B74092 (464573)		0.70
B74093 (464574)		2.05
B74094 (464575)		2.18

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T508773

PROJECT: AGAT00756

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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019	DATE RECEIVED: Aug 22, 2019							DATE REPORTED: Sep 18, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
B74023 (464504)	<0.5	8.57	<1	243	0.9	<1	1.81	<0.5	37	12.2	134	24.8	3.06	17	
B74024 (464505)	<0.5	8.06	<1	307	1.3	<1	0.95	<0.5	34	10.3	120	18.1	2.89	16	
B74025 (464506)	<0.5	7.69	<1	220	2.0	<1	0.58	<0.5	40	8.9	114	14.4	2.61	16	
B74026 (464507)	<0.5	7.32	<1	188	0.6	<1	6.46	<0.5	7	41.7	161	104	8.11	18	
B74027 (464508)	<0.5	7.59	<1	339	1.2	<1	0.60	<0.5	32	10.8	122	34.4	2.91	15	
B74028 (464509)	0.6	7.06	<1	298	1.5	<1	0.60	<0.5	47	7.8	152	18.4	2.54	16	
B74029 (464510)	<0.5	5.35	3	650	3.5	<1	5.27	0.5	154	16.3	165	26.5	3.61	11	
B74030 (464511)	<0.5	6.29	<1	305	1.1	<1	0.59	<0.5	66	3.2	141	1.7	1.34	12	
B74031 (464512)	<0.5	7.19	<1	316	1.3	<1	0.75	<0.5	32	12.9	158	37.2	3.17	14	
B74032 (464513)	<0.5	0.08	3	20	<0.5	<1	34.2	<0.5	<1	0.6	1.1	<0.5	0.09	<5	
B74033 (464514)	<0.5	7.16	<1	285	0.8	<1	1.57	<0.5	31	11.1	82.5	12.2	3.05	14	
B74034 (464515)	<0.5	7.33	<1	282	0.6	<1	1.02	<0.5	30	12.4	112	21.5	3.18	14	
B74035 (464516)	<0.5	7.60	<1	283	0.6	<1	0.87	<0.5	32	12.1	103	24.9	3.13	16	
B74036 (464517)	<0.5	6.83	<1	252	1.3	<1	0.45	<0.5	32	11.4	135	16.9	3.00	14	
B74037 (464518)	<0.5	7.06	<1	288	0.7	<1	0.51	<0.5	32	10.3	135	16.2	3.03	15	
B74038 (464519)	<0.5	7.11	<1	295	0.7	<1	0.51	<0.5	32	10.6	137	16.3	3.08	15	
B74039 (464520)	<0.5	6.76	1	305	2.5	<1	0.33	<0.5	33	9.4	116	22.9	2.75	14	
B74040 (464521)	<0.5	8.32	<1	247	0.5	<1	0.83	<0.5	55	8.0	80.5	8.6	2.60	20	
B74041 (464522)	<0.5	7.61	2	254	1.3	<1	0.31	<0.5	34	9.5	125	17.3	2.98	16	
B74042 (464523)	<0.5	7.83	<1	428	2.2	<1	0.74	<0.5	50	6.4	104	5.9	2.22	17	
B74043 (464524)	<0.5	6.78	<1	319	2.1	<1	0.30	<0.5	47	5.4	104	<0.5	1.87	15	
B74044 (464525)	<0.5	5.69	3	249	1.6	<1	0.18	<0.5	74	1.2	141	<0.5	1.29	12	
B74045 (464526)	<0.5	6.25	<1	378	2.4	<1	1.27	<0.5	50	3.4	85.5	3.8	1.56	15	
B74046 (464527)	<0.5	7.14	<1	138	<0.5	<1	6.76	<0.5	<1	42.8	156	149	8.16	15	
B74047 (464528)	<0.5	7.05	<1	429	2.3	<1	0.49	<0.5	44	5.9	129	1.0	2.18	16	
B74048 (464529)	<0.5	7.40	<1	295	2.0	<1	0.65	<0.5	39	5.2	105	8.2	1.85	18	
B74049 (464530)	<0.5	3.71	8	142	0.9	<1	0.67	<0.5	25	4.8	186	14.6	1.10	7	
B74050 (464531)	<0.5	6.99	2	320	1.7	<1	0.60	<0.5	43	5.2	129	9.7	1.78	16	
B74051 (464532)	<0.5	7.56	2	364	2.6	<1	0.50	<0.5	40	3.7	82.2	<0.5	1.32	18	
B74052 (464533)	<0.5	0.08	<1	16	<0.5	<1	34.2	<0.5	<1	0.7	4.1	<0.5	0.08	<5	
B74053 (464534)	<0.5	7.41	<1	355	3.6	<1	0.46	<0.5	50	5.9	101	<0.5	2.01	16	
B74054 (464535)	<0.5	6.43	2	314	1.8	<1	0.30	<0.5	57	4.0	136	<0.5	1.67	14	

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T508773

PROJECT: AGAT00756

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019	DATE RECEIVED: Aug 22, 2019							DATE REPORTED: Sep 18, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
B74055 (464536)	0.6	7.05	<1	341	2.6	<1	0.25	<0.5	44	5.8	106	<0.5	2.16	17	
B74056 (464537)	<0.5	5.84	2	255	1.6	<1	0.27	<0.5	61	0.8	108	<0.5	1.11	13	
B74057 (464538)	0.5	6.63	<1	282	1.3	<1	0.45	<0.5	61	1.8	93.6	2.8	1.24	15	
B74058 (464539)	<0.5	6.60	<1	287	1.3	<1	0.44	<0.5	62	1.9	112	3.2	1.28	16	
B74059 (464540)	<0.5	7.79	<1	376	0.8	<1	0.75	<0.5	55	5.5	97.9	6.7	1.94	18	
B74060 (464541)	<0.5	7.77	<1	468	2.0	<1	1.11	<0.5	52	5.4	87.7	3.4	1.98	19	
B74061 (464542)	<0.5	2.60	<1	974	3.1	<1	10.2	<0.5	241	47.3	416	87.7	7.35	12	
B74062 (464543)	<0.5	7.75	<1	377	1.4	<1	1.22	<0.5	53	8.1	91.3	11.4	2.35	18	
B74063 (464544)	<0.5	8.26	<1	285	0.7	<1	1.24	<0.5	35	11.8	110	35.3	3.08	17	
B74064 (464545)	<0.5	8.10	<1	281	1.0	<1	0.84	<0.5	35	11.8	101	19.5	3.03	16	
B74065 (464546)	<0.5	7.11	<1	288	0.9	<1	0.36	<0.5	33	11.2	120	2.4	2.93	14	
B74066 (464547)	<0.5	7.33	<1	181	<0.5	<1	6.17	<0.5	8	40.7	163	101	7.73	17	
B74067 (464548)	<0.5	7.33	<1	313	0.7	<1	0.39	<0.5	32	12.3	157	1.0	3.25	15	
B74068 (464549)	<0.5	7.63	<1	361	1.2	<1	0.85	<0.5	37	14.4	143	3.3	3.25	16	
B74069 (464550)	<0.5	7.93	<1	326	1.0	<1	0.68	<0.5	37	13.3	140	<0.5	3.11	16	
B74070 (464551)	<0.5	7.25	<1	307	0.8	<1	0.62	<0.5	34	11.6	108	2.6	3.04	14	
B74071 (464552)	<0.5	6.88	<1	361	1.5	<1	0.69	<0.5	38	10.8	123	3.3	2.83	14	
B74072 (464553)	<0.5	0.11	<1	16	<0.5	<1	30.8	<0.5	<1	0.5	3.0	<0.5	0.13	<5	
B74073 (464554)	<0.5	7.72	<1	297	1.5	<1	0.74	<0.5	37	10.1	128	<0.5	2.75	17	
B74074 (464555)	<0.5	7.70	<1	212	0.9	<1	0.72	<0.5	38	11.2	97.4	3.4	2.78	14	
B74075 (464556)	<0.5	7.34	<1	310	1.2	<1	0.73	<0.5	36	9.3	176	3.9	2.68	15	
B74076 (464557)	<0.5	7.74	<1	310	1.1	<1	0.90	<0.5	46	6.2	78.7	7.5	2.03	18	
B74077 (464558)	<0.5	7.82	<1	382	1.4	<1	0.90	<0.5	48	5.3	10.1	<0.5	2.11	19	
B74078 (464559)	<0.5	7.77	<1	396	1.5	<1	0.90	<0.5	51	5.0	10.1	<0.5	2.09	18	
B74079 (464560)	<0.5	7.80	<1	490	1.1	<1	0.94	<0.5	50	4.9	11.0	1.8	2.00	18	
B74080 (464561)	<0.5	7.37	1	687	1.7	<1	0.75	<0.5	38	4.0	9.2	4.7	1.83	18	
B74081 (464562)	<0.5	7.64	<1	484	1.3	<1	0.96	<0.5	50	4.7	8.4	6.0	1.95	18	
B74082 (464563)	<0.5	7.67	<1	331	1.2	<1	0.87	<0.5	46	5.3	8.7	6.0	2.03	18	
B74083 (464564)	<0.5	7.13	<1	390	1.9	<1	0.51	<0.5	44	5.8	14.3	<0.5	2.26	17	
B74084 (464565)	<0.5	7.51	<1	419	4.5	<1	1.18	<0.5	50	6.1	28.8	10.8	2.42	17	
B74085 (464566)	<0.5	1.88	<1	88	9.2	<1	8.71	<0.5	110	57.7	440	81.8	7.16	9	
B74086 (464567)	<0.5	7.42	<1	191	<0.5	<1	6.49	<0.5	8	41.0	164	105	8.13	17	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T508773

PROJECT: AGAT00756

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019		DATE RECEIVED: Aug 22, 2019						DATE REPORTED: Sep 18, 2019				SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
		0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5
B74087 (464568)		0.8	7.39	94	625	8.8	<1	0.95	2.5	44	28.8	33.1	4.1	3.17	17
B74088 (464569)		1.0	5.91	2	172	0.6	<1	0.44	<0.5	29	4.4	11.1	25.4	1.77	11
B74089 (464570)		<0.5	7.75	<1	290	1.0	<1	0.84	<0.5	34	8.5	11.3	11.7	2.58	16
B74090 (464571)		0.7	7.09	1	195	1.1	<1	0.41	<0.5	37	7.7	11.6	10.9	2.47	15
B74091 (464572)		0.6	6.81	<1	234	1.0	<1	0.75	<0.5	38	4.8	7.9	11.8	2.02	14
B74092 (464573)		<0.5	0.07	2	14	<0.5	<1	33.4	<0.5	<1	0.8	3.9	<0.5	0.09	<5
B74093 (464574)		<0.5	5.40	1	189	1.1	<1	0.42	<0.5	73	0.7	9.7	<0.5	1.26	11
B74094 (464575)		0.5	5.72	4	388	3.6	<1	2.57	<0.5	82	11.5	53.3	15.7	2.62	14

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
B74023 (464504)		<1	1.78	20	45	2.16	453	16.2	3.19	24.3	450	<20	59	0.10	<1
B74024 (464505)		<1	1.50	18	87	2.46	451	14.4	2.80	21.9	428	<20	<50	0.11	<1
B74025 (464506)		<1	1.31	22	86	2.14	391	13.4	3.17	18.9	450	<20	64	0.07	<1
B74026 (464507)		<1	0.42	10	10	4.45	1340	1.8	2.25	113	877	<20	<50	0.10	<1
B74027 (464508)		<1	1.73	17	64	2.38	362	16.3	2.83	20.8	536	<20	76	0.19	<1
B74028 (464509)		<1	1.41	25	58	1.92	334	18.6	3.11	15.3	408	<20	<50	0.09	<1
B74029 (464510)		<1	2.52	75	48	3.29	864	15.4	2.15	47.9	4150	<20	72	0.05	<1
B74030 (464511)		<1	0.96	33	46	1.24	204	25.6	2.38	7.3	337	<20	<50	0.01	<1
B74031 (464512)		<1	1.70	17	35	2.60	451	18.2	2.38	27.7	868	<20	62	0.23	<1
B74032 (464513)		<1	0.04	2	1	2.49	122	<0.5	0.03	<0.5	86	<20	<50	0.03	<1
B74033 (464514)		<1	1.67	17	69	2.76	476	10.6	2.08	23.1	509	<20	<50	0.17	<1
B74034 (464515)		<1	1.61	16	97	2.76	458	13.7	1.96	25.3	516	<20	<50	0.16	<1
B74035 (464516)		<1	1.67	16	53	2.45	431	11.5	2.82	25.2	485	<20	<50	0.22	<1
B74036 (464517)		<1	1.74	16	42	2.37	374	15.9	1.87	21.3	479	<20	60	0.26	<1
B74037 (464518)		<1	1.62	16	27	2.14	334	15.4	2.36	20.0	532	<20	52	0.30	<1
B74038 (464519)		<1	1.65	16	27	2.17	333	15.5	2.38	20.1	535	<20	52	0.32	<1
B74039 (464520)		<1	1.55	17	23	2.05	327	13.8	2.36	15.6	436	<20	51	0.25	<1
B74040 (464521)		<1	1.23	28	20	1.56	353	10.1	4.60	13.2	523	<20	<50	0.10	<1
B74041 (464522)		<1	2.04	18	15	2.27	359	16.8	2.44	16.5	505	<20	74	0.18	<1
B74042 (464523)		<1	1.72	24	64	1.75	265	13.9	4.17	10.3	582	<20	58	0.04	<1
B74043 (464524)		<1	1.64	24	13	1.91	227	14.4	2.87	10.2	266	<20	73	0.03	<1
B74044 (464525)		<1	1.37	34	19	1.42	159	23.5	1.88	4.0	113	<20	53	0.02	<1
B74045 (464526)		<1	3.25	25	55	1.15	244	15.9	2.48	9.1	715	<20	103	0.03	<1
B74046 (464527)		<1	0.19	3	12	4.41	1380	1.2	2.22	88.0	432	<20	<50	0.15	<1
B74047 (464528)		<1	3.18	22	78	2.04	306	16.8	3.11	15.2	371	<20	110	0.02	<1
B74048 (464529)		<1	1.93	20	37	1.41	272	15.5	4.07	8.6	452	<20	67	0.06	<1
B74049 (464530)		<1	0.91	11	17	0.43	155	31.6	2.20	11.1	752	87	<50	0.11	<1
B74050 (464531)		<1	1.82	20	44	1.22	238	19.2	3.67	9.0	546	<20	60	0.06	<1
B74051 (464532)		<1	1.49	19	52	1.06	206	14.2	4.32	6.7	433	<20	54	0.03	<1
B74052 (464533)		<1	0.01	2	1	1.86	119	<0.5	0.04	0.5	58	<20	<50	0.04	<1
B74053 (464534)		<1	2.01	24	64	2.09	305	13.2	3.47	9.5	503	<20	86	0.01	<1
B74054 (464535)		<1	1.78	28	35	1.97	208	18.5	2.15	7.1	273	<20	75	0.01	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T508773

PROJECT: AGAT00756

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019	DATE RECEIVED: Aug 22, 2019					DATE REPORTED: Sep 18, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
B74055 (464536)	<1	2.49	22	79	2.28	377	13.7	2.43	9.7	291	<20	109	0.01	<1	
B74056 (464537)	<1	1.04	30	21	0.90	200	17.3	2.18	3.1	121	<20	<50	0.01	<1	
B74057 (464538)	<1	1.27	29	31	0.89	205	17.8	2.96	4.2	203	<20	<50	0.02	<1	
B74058 (464539)	<1	1.28	30	30	0.92	209	20.3	2.78	4.6	197	<20	<50	0.03	<1	
B74059 (464540)	<1	1.41	28	26	1.21	265	12.7	4.26	8.7	479	<20	<50	0.06	<1	
B74060 (464541)	<1	1.22	27	44	1.34	268	12.9	5.25	16.0	711	<20	<50	0.03	<1	
B74061 (464542)	<1	2.22	120	25	8.27	1530	2.9	1.75	245	4600	<20	115	0.16	<1	
B74062 (464543)	<1	1.54	27	88	1.79	278	11.7	4.10	19.3	799	<20	53	0.11	<1	
B74063 (464544)	<1	1.53	17	33	2.16	524	12.9	3.87	27.3	545	<20	<50	0.24	<1	
B74064 (464545)	<1	1.72	18	41	2.58	316	10.8	2.84	26.6	753	<20	56	0.21	<1	
B74065 (464546)	<1	1.88	16	62	2.65	348	12.2	1.55	25.3	397	<20	60	0.04	<1	
B74066 (464547)	<1	0.42	10	10	4.38	1320	1.8	2.22	108	829	<20	<50	0.09	<1	
B74067 (464548)	<1	2.14	16	92	3.08	360	16.7	1.64	27.3	378	<20	66	0.03	<1	
B74068 (464549)	<1	2.24	19	105	3.48	411	9.5	2.60	53.4	615	<20	81	0.05	<1	
B74069 (464550)	<1	1.90	19	92	3.43	414	11.2	2.12	40.7	492	<20	58	0.04	<1	
B74070 (464551)	<1	2.02	18	47	2.82	412	10.7	2.35	23.6	523	<20	64	0.09	<1	
B74071 (464552)	<1	1.94	20	58	2.37	382	12.1	2.16	20.8	856	<20	62	0.08	<1	
B74072 (464553)	<1	0.03	2	1	3.23	139	<0.5	0.05	0.8	92	<20	<50	0.04	2	
B74073 (464554)	<1	1.83	19	40	2.56	403	16.2	3.12	20.3	723	<20	72	0.04	<1	
B74074 (464555)	<1	1.61	19	39	2.17	513	8.1	3.31	21.5	475	<20	55	0.13	<1	
B74075 (464556)	<1	1.98	20	62	2.15	386	15.7	2.93	19.1	677	<20	64	0.04	<1	
B74076 (464557)	<1	1.52	23	40	1.25	258	7.9	4.21	10.6	451	<20	52	0.08	<1	
B74077 (464558)	<1	1.38	24	39	1.24	275	0.8	4.19	7.5	521	<20	51	0.01	<1	
B74078 (464559)	<1	1.39	25	40	1.26	279	0.8	4.16	7.1	539	<20	51	0.01	<1	
B74079 (464560)	<1	1.25	25	20	1.03	287	0.8	4.23	6.1	463	<20	53	0.03	<1	
B74080 (464561)	<1	1.40	18	26	0.94	338	1.1	3.63	5.2	349	<20	58	0.04	<1	
B74081 (464562)	<1	1.25	24	24	1.04	291	1.0	4.22	5.8	439	<20	52	0.04	<1	
B74082 (464563)	<1	1.36	23	29	1.53	243	0.9	3.93	6.6	448	<20	58	0.03	<1	
B74083 (464564)	<1	2.03	22	71	2.22	298	1.3	2.85	8.2	462	<20	80	0.01	<1	
B74084 (464565)	<1	1.70	24	120	2.13	249	1.1	4.64	30.5	735	<20	59	0.04	<1	
B74085 (464566)	<1	2.18	57	58	8.49	1490	1.6	1.94	313	1170	<20	72	0.06	<1	
B74086 (464567)	<1	0.42	10	10	4.44	1360	1.7	2.28	111	883	<20	<50	0.10	<1	

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## Certificate of Analysis

AGAT WORK ORDER: 19T508773

PROJECT: AGAT00756

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019	DATE RECEIVED: Aug 22, 2019					DATE REPORTED: Sep 18, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
B74087 (464568)	<1	2.59	23	297	2.66	339	2.2	3.90	78.6	1060	<20	109	0.04	<1	
B74088 (464569)	<1	0.94	15	46	0.89	221	1.4	2.44	6.1	170	<20	<50	0.06	<1	
B74089 (464570)	<1	1.96	18	83	1.92	413	2.0	3.81	13.6	605	<20	68	0.05	<1	
B74090 (464571)	<1	1.52	19	48	1.47	349	1.4	3.45	9.7	314	<20	<50	0.07	<1	
B74091 (464572)	<1	1.47	21	42	1.32	357	3.0	3.71	6.1	308	<20	<50	0.08	<1	
B74092 (464573)	<1	0.01	2	1	2.18	113	0.6	0.04	0.5	79	<20	<50	0.06	<1	
B74093 (464574)	<1	0.72	35	7	0.83	155	4.6	2.12	1.3	135	<20	<50	<0.01	<1	
B74094 (464575)	<1	2.10	41	72	2.39	485	5.1	2.85	45.6	630	<20	75	0.09	<1	

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PROJECT: AGAT00756

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 18, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
B74023 (464504)	8	<10	<5	137	<10	<10	<5	0.27	<5	<50	51.8	<1	6	58.8
B74024 (464505)	8	<10	<5	108	<10	<10	<5	0.24	<5	<50	49.4	<1	4	49.6
B74025 (464506)	7	<10	<5	129	<10	<10	<5	0.21	<5	<50	43.3	<1	4	47.2
B74026 (464507)	35	<10	<5	245	<10	<10	<5	0.92	<5	<50	245	<1	22	92.2
B74027 (464508)	8	<10	<5	113	<10	<10	<5	0.25	<5	<50	48.0	<1	4	78.4
B74028 (464509)	6	<10	<5	150	<10	<10	<5	0.20	<5	<50	37.1	<1	6	57.9
B74029 (464510)	13	<10	<5	620	<10	<10	<5	0.24	<5	<50	92.7	<1	52	174
B74030 (464511)	3	<10	<5	93	<10	<10	<5	0.08	<5	<50	14.7	<1	6	33.2
B74031 (464512)	9	<10	<5	97	<10	<10	<5	0.26	<5	<50	52.5	<1	5	100
B74032 (464513)	<1	<10	<5	72	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	2.5
B74033 (464514)	8	<10	<5	88	<10	<10	<5	0.27	<5	<50	51.8	<1	4	82.9
B74034 (464515)	9	<10	<5	69	<10	<10	<5	0.28	<5	<50	53.3	<1	5	94.7
B74035 (464516)	9	<10	<5	75	<10	<10	<5	0.29	<5	<50	56.1	<1	4	112
B74036 (464517)	7	<10	<5	60	<10	<10	<5	0.25	<5	<50	46.4	<1	4	75.6
B74037 (464518)	7	<10	<5	61	<10	<10	<5	0.24	<5	<50	47.8	<1	4	88.9
B74038 (464519)	8	<10	<5	64	<10	<10	<5	0.24	<5	<50	48.2	<1	4	91.8
B74039 (464520)	6	<10	<5	69	<10	<10	<5	0.20	<5	<50	40.6	<1	6	74.7
B74040 (464521)	7	<10	<5	204	<10	<10	<5	0.21	<5	<50	39.8	<1	5	74.3
B74041 (464522)	6	<10	<5	84	<10	<10	<5	0.23	<5	<50	43.9	<1	4	63.9
B74042 (464523)	6	<10	<5	201	<10	<10	<5	0.18	<5	<50	34.9	<1	5	50.0
B74043 (464524)	5	<10	<5	74	<10	<10	<5	0.13	<5	<50	24.3	<1	5	48.1
B74044 (464525)	3	<10	<5	53	<10	<10	<5	0.07	<5	<50	5.3	2	7	36.2
B74045 (464526)	7	<10	<5	98	<10	<10	<5	0.06	<5	<50	19.6	<1	6	24.6
B74046 (464527)	46	<10	<5	110	<10	<10	<5	0.72	<5	<50	311	<1	22	78.3
B74047 (464528)	8	<10	<5	84	<10	<10	<5	0.15	<5	<50	40.6	<1	6	40.0
B74048 (464529)	6	<10	<5	139	<10	<10	<5	0.17	<5	<50	38.4	<1	5	34.4
B74049 (464530)	2	<10	<5	97	<10	<10	<5	0.05	<5	<50	15.9	3	3	124
B74050 (464531)	4	<10	<5	149	<10	<10	<5	0.14	<5	<50	29.0	<1	5	56.3
B74051 (464532)	4	<10	<5	155	<10	<10	<5	0.11	<5	<50	23.3	<1	6	41.3
B74052 (464533)	<1	<10	<5	72	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	3.2
B74053 (464534)	5	<10	<5	154	<10	<10	<5	0.17	<5	<50	33.1	<1	7	47.5
B74054 (464535)	4	<10	<5	106	<10	<10	<5	0.14	<5	<50	21.3	<1	6	36.4

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## Certificate of Analysis

AGAT WORK ORDER: 19T508773

PROJECT: AGAT00756

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 18, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
B74055 (464536)	6	<10	<5	90	<10	<10	<5	0.18	<5	<50	28.9	<1	7	59.0
B74056 (464537)	3	<10	<5	83	<10	<10	<5	0.07	<5	<50	4.9	<1	6	39.1
B74057 (464538)	3	<10	<5	116	<10	<10	<5	0.09	<5	<50	9.4	<1	7	40.1
B74058 (464539)	3	<10	5	111	<10	<10	<5	0.09	<5	<50	10.0	<1	7	44.1
B74059 (464540)	4	<10	<5	231	<10	<10	<5	0.20	<5	<50	31.1	<1	5	59.5
B74060 (464541)	6	<10	<5	286	<10	<10	<5	0.27	<5	<50	43.2	<1	6	39.2
B74061 (464542)	27	<10	<5	1290	<10	<10	<5	1.34	<5	<50	222	<1	44	58.6
B74062 (464543)	6	<10	<5	230	<10	<10	<5	0.25	<5	<50	45.6	<1	13	48.2
B74063 (464544)	9	<10	<5	158	<10	<10	<5	0.27	<5	<50	57.3	<1	5	72.2
B74064 (464545)	8	<10	<5	126	<10	<10	<5	0.26	<5	<50	47.9	<1	5	66.8
B74065 (464546)	9	<10	<5	85	<10	<10	<5	0.25	<5	<50	51.0	<1	4	53.9
B74066 (464547)	35	<10	<5	238	<10	<10	<5	0.87	<5	<50	244	<1	22	88.2
B74067 (464548)	9	<10	<5	87	<10	<10	<5	0.28	<5	<50	56.4	<1	4	71.2
B74068 (464549)	10	<10	<5	140	<10	<10	<5	0.33	<5	<50	60.1	<1	6	56.2
B74069 (464550)	9	<10	<5	105	<10	<10	<5	0.31	<5	<50	56.9	<1	4	48.5
B74070 (464551)	9	<10	<5	101	<10	<10	<5	0.24	<5	<50	49.8	<1	5	50.1
B74071 (464552)	9	<10	<5	120	<10	<10	<5	0.24	<5	<50	47.8	<1	5	56.0
B74072 (464553)	1	<10	<5	65	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	4.6
B74073 (464554)	7	<10	<5	148	<10	<10	<5	0.23	<5	<50	44.5	<1	5	64.9
B74074 (464555)	8	<10	<5	130	<10	<10	<5	0.25	<5	<50	47.7	<1	5	45.8
B74075 (464556)	8	<10	<5	144	<10	<10	<5	0.22	<5	<50	44.5	<1	5	75.6
B74076 (464557)	6	<10	<5	266	<10	<10	<5	0.19	<5	<50	33.4	<1	5	39.7
B74077 (464558)	4	<10	<5	314	<10	<10	<5	0.19	<5	<50	31.8	<1	5	41.8
B74078 (464559)	4	<10	<5	316	<10	<10	<5	0.19	<5	<50	31.2	<1	5	43.9
B74079 (464560)	4	<10	<5	328	<10	<10	<5	0.18	<5	<50	29.9	<1	5	41.6
B74080 (464561)	4	<10	<5	258	<10	<10	<5	0.15	<5	<50	25.7	<1	5	50.9
B74081 (464562)	5	<10	<5	384	<10	<10	<5	0.17	<5	<50	27.4	<1	5	44.9
B74082 (464563)	4	<10	<5	235	<10	<10	<5	0.19	<5	<50	27.9	<1	5	44.4
B74083 (464564)	5	<10	<5	133	<10	<10	<5	0.20	<5	<50	35.1	<1	5	49.0
B74084 (464565)	6	<10	<5	245	<10	<10	<5	0.25	<5	<50	45.5	<1	8	45.0
B74085 (464566)	24	<10	<5	900	<10	<10	<5	0.63	<5	<50	238	<1	42	69.5
B74086 (464567)	35	<10	<5	248	<10	<10	<5	0.92	<5	<50	245	<1	22	93.0

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AGAT WORK ORDER: 19T508773

PROJECT: AGAT00756

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019	DATE RECEIVED: Aug 22, 2019					DATE REPORTED: Sep 18, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Sample ID (AGAT ID)															
B74087 (464568)	12	<10	<5	190	<10	<10	<5	0.29	<5	<50	75.1	<1	9	134	
B74088 (464569)	4	<10	<5	120	<10	<10	<5	0.13	<5	<50	21.7	<1	3	30.2	
B74089 (464570)	8	<10	<5	132	<10	<10	<5	0.20	<5	<50	41.9	<1	5	67.2	
B74090 (464571)	5	<10	<5	157	<10	<10	<5	0.19	<5	<50	29.7	<1	4	49.1	
B74091 (464572)	4	<10	<5	130	<10	<10	<5	0.14	<5	<50	19.9	<1	5	50.2	
B74092 (464573)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	2.9	
B74093 (464574)	2	<10	<5	62	<10	<10	<5	0.07	<5	<50	2.1	<1	6	51.1	
B74094 (464575)	6	<10	<5	335	<10	<10	<5	0.25	<5	<50	44.8	<1	17	39.7	

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## Certificate of Analysis

AGAT WORK ORDER: 19T508773

PROJECT: AGAT00756

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
B74023 (464504)			89
B74024 (464505)			49
B74025 (464506)			54
B74026 (464507)			93
B74027 (464508)			19
B74028 (464509)			99
B74029 (464510)			37
B74030 (464511)			90
B74031 (464512)			25
B74032 (464513)			<5
B74033 (464514)			13
B74034 (464515)			16
B74035 (464516)			21
B74036 (464517)			12
B74037 (464518)			10
B74038 (464519)			12
B74039 (464520)			18
B74040 (464521)			74
B74041 (464522)			10
B74042 (464523)			41
B74043 (464524)			72
B74044 (464525)			105
B74045 (464526)			69
B74046 (464527)			57
B74047 (464528)			73
B74048 (464529)			73
B74049 (464530)			21
B74050 (464531)			50
B74051 (464532)			46
B74052 (464533)			<5
B74053 (464534)			61
B74054 (464535)			64

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T508773

PROJECT: AGAT00756

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019      DATE RECEIVED: Aug 22, 2019      DATE REPORTED: Sep 18, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
B74055 (464536)				102
B74056 (464537)				93
B74057 (464538)				87
B74058 (464539)				99
B74059 (464540)				63
B74060 (464541)				98
B74061 (464542)				103
B74062 (464543)				48
B74063 (464544)				26
B74064 (464545)				14
B74065 (464546)				12
B74066 (464547)				85
B74067 (464548)				12
B74068 (464549)				30
B74069 (464550)				18
B74070 (464551)				21
B74071 (464552)				44
B74072 (464553)				<5
B74073 (464554)				41
B74074 (464555)				63
B74075 (464556)				52
B74076 (464557)				58
B74077 (464558)				53
B74078 (464559)				53
B74079 (464560)				63
B74080 (464561)				62
B74081 (464562)				52
B74082 (464563)				56
B74083 (464564)				40
B74084 (464565)				116
B74085 (464566)				78
B74086 (464567)				94

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## Certificate of Analysis

AGAT WORK ORDER: 19T508773

PROJECT: AGAT00756

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
B74087 (464568)				145
B74088 (464569)				84
B74089 (464570)				76
B74090 (464571)				106
B74091 (464572)				101
B74092 (464573)				<5
B74093 (464574)				96
B74094 (464575)				138

Comments: RDL - Reported Detection Limit

464504-464575 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

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## Certificate of Analysis

AGAT WORK ORDER: 19T508773

PROJECT: AGAT00756

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
B74023 (464504)			0.002
B74024 (464505)			<0.001
B74025 (464506)			<0.001
B74026 (464507)			0.335
B74027 (464508)			0.013
B74028 (464509)			<0.001
B74029 (464510)			0.003
B74030 (464511)			<0.001
B74031 (464512)			0.001
B74032 (464513)			<0.001
B74033 (464514)			0.004
B74034 (464515)			<0.001
B74035 (464516)			<0.001
B74036 (464517)			0.001
B74037 (464518)			0.003
B74038 (464519)			0.017
B74039 (464520)			0.002
B74040 (464521)			0.002
B74041 (464522)			0.008
B74042 (464523)			<0.001
B74043 (464524)			0.001
B74044 (464525)			0.002
B74045 (464526)			<0.001
B74046 (464527)			0.506
B74047 (464528)			0.009
B74048 (464529)			0.001
B74049 (464530)			0.004
B74050 (464531)			0.002
B74051 (464532)			0.004
B74052 (464533)			<0.001
B74053 (464534)			<0.001
B74054 (464535)			<0.001

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T508773

PROJECT: AGAT00756

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
B74055 (464536)		<0.001	
B74056 (464537)		<0.001	
B74057 (464538)		<0.001	
B74058 (464539)		0.002	
B74059 (464540)		0.002	
B74060 (464541)		0.001	
B74061 (464542)		<0.001	
B74062 (464543)		0.002	
B74063 (464544)		0.001	
B74064 (464545)		0.001	
B74065 (464546)		<0.001	
B74066 (464547)		0.330	
B74067 (464548)		<0.001	
B74068 (464549)		<0.001	
B74069 (464550)		<0.001	
B74070 (464551)		<0.001	
B74071 (464552)		<0.001	
B74072 (464553)		<0.001	
B74073 (464554)		0.021	
B74074 (464555)		<0.001	
B74075 (464556)		<0.001	
B74076 (464557)		0.001	
B74077 (464558)		0.003	
B74078 (464559)		<0.001	
B74079 (464560)		<0.001	
B74080 (464561)		0.002	
B74081 (464562)		0.006	
B74082 (464563)		<0.001	
B74083 (464564)		0.019	
B74084 (464565)		0.004	
B74085 (464566)		0.002	
B74086 (464567)		0.344	

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# Certificate of Analysis

AGAT WORK ORDER: 19T508773

PROJECT: AGAT00756

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 22, 2019      DATE RECEIVED: Aug 22, 2019      DATE REPORTED: Sep 18, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
B74087 (464568)			0.003
B74088 (464569)			0.003
B74089 (464570)			<0.001
B74090 (464571)			<0.001
B74091 (464572)			0.005
B74092 (464573)			<0.001
B74093 (464574)			0.003
B74094 (464575)			0.002

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T508773

PROJECT: AGAT00756

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
B74023 (464504)		88.40
B74042 (464523)		84.02
B74062 (464543)		82.42
B74082 (464563)		91.94

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T508773

PROJECT: AGAT00756

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 22, 2019

DATE REPORTED: Sep 18, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL: 0.01
B74023 (464504)	86.44

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	464504	< 0.5	< 0.5	0.0%	464518	< 0.5	< 0.5	0.0%	464529	< 0.5	< 0.5	0.0%	464543	< 0.5	< 0.5	0.0%
Al	464504	8.57	8.34	2.7%	464518	7.06	7.09	0.4%	464529	7.40	7.39	0.1%	464543	7.75	7.74	0.1%
As	464504	< 1	< 1	0.0%	464518	< 1	< 1	0.0%	464529	< 1	2		464543	< 1	< 1	0.0%
Ba	464504	243	244	0.4%	464518	288	287	0.3%	464529	295	292	1.0%	464543	377	375	0.5%
Be	464504	0.9	0.9	0.0%	464518	0.7	0.7	0.0%	464529	1.96	1.92	2.1%	464543	1.4	1.4	0.0%
Bi	464504	< 1	< 1	0.0%	464518	< 1	< 1	0.0%	464529	< 1	< 1	0.0%	464543	< 1	< 1	0.0%
Ca	464504	1.81	1.83	1.1%	464518	0.51	0.51	0.0%	464529	0.65	0.65	0.0%	464543	1.22	1.22	0.0%
Cd	464504	< 0.5	< 0.5	0.0%	464518	< 0.5	< 0.5	0.0%	464529	< 0.5	< 0.5	0.0%	464543	< 0.5	< 0.5	0.0%
Ce	464504	37	36	2.7%	464518	32	31	3.2%	464529	39	37	5.3%	464543	53	52	1.9%
Co	464504	12.2	11.0	10.3%	464518	10.3	10.3	0.0%	464529	5.2	5.4	3.8%	464543	8.1	7.7	5.1%
Cr	464504	134	119	11.9%	464518	135	135	0.0%	464529	105	106	0.9%	464543	91.3	94.1	3.0%
Cu	464504	24.8	24.1	2.9%	464518	16.2	16.9	4.2%	464529	8.15	7.42	9.4%	464543	11.4	11.4	0.0%
Fe	464504	3.06	2.96	3.3%	464518	3.03	3.01	0.7%	464529	1.85	1.82	1.6%	464543	2.35	2.35	0.0%
Ga	464504	17	17	0.0%	464518	15	16	6.5%	464529	18	18	0.0%	464543	18	17	5.7%
In	464504	< 1	< 1	0.0%	464518	< 1	< 1	0.0%	464529	< 1	< 1	0.0%	464543	< 1	< 1	0.0%
K	464504	1.78	1.73	2.8%	464518	1.62	1.62	0.0%	464529	1.93	1.96	1.5%	464543	1.54	1.55	0.6%
La	464504	20	20	0.0%	464518	16	16	0.0%	464529	20	19	5.1%	464543	27	26	3.8%
Li	464504	45	43	4.5%	464518	27	27	0.0%	464529	37	36	2.7%	464543	88	87	1.1%
Mg	464504	2.16	2.11	2.3%	464518	2.14	2.13	0.5%	464529	1.41	1.41	0.0%	464543	1.79	1.81	1.1%
Mn	464504	453	434	4.3%	464518	334	332	0.6%	464529	272	272	0.0%	464543	278	278	0.0%
Mo	464504	16.2	13.9	15.3%	464518	15.4	15.5	0.6%	464529	15.5	14.9	3.9%	464543	11.7	11.6	0.9%
Na	464504	3.19	3.22	0.9%	464518	2.36	2.37	0.4%	464529	4.07	4.09	0.5%	464543	4.10	4.09	0.2%
Ni	464504	24.3	23.1	5.1%	464518	20.0	20.4	2.0%	464529	8.58	8.20	4.5%	464543	19.3	20.2	4.6%
P	464504	450	445	1.1%	464518	532	549	3.1%	464529	452	466	3.1%	464543	799	820	2.6%
Pb	464504	< 20	< 20	0.0%	464518	< 20	< 20	0.0%	464529	< 20	< 20	0.0%	464543	< 20	< 20	0.0%
Rb	464504	59	57	3.4%	464518	52	50	3.9%	464529	67	67	0.0%	464543	53	53	0.0%
S	464504	0.10	0.10	0.0%	464518	0.30	0.30	0.0%	464529	0.057	0.050	13.1%	464543	0.112	0.102	9.3%
Sb	464504	< 1	< 1	0.0%	464518	< 1	< 1	0.0%	464529	< 1	< 1	0.0%	464543	< 1	< 1	0.0%
Sc	464504	8	8	0.0%	464518	7	8	13.3%	464529	6	6	0.0%	464543	6	6	0.0%
Se	464504	< 10	< 10	0.0%	464518	< 10	< 10	0.0%	464529	< 10	< 10	0.0%	464543	< 10	< 10	0.0%
Sn	464504	< 5	< 5	0.0%	464518	< 5	< 5	0.0%	464529	< 5	< 5	0.0%	464543	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	464504	137	138	0.7%	464518	61	61	0.0%	464529	139	139	0.0%	464543	230	229	0.4%
Ta	464504	< 10	< 10	0.0%	464518	< 10	< 10	0.0%	464529	< 10	< 10	0.0%	464543	< 10	< 10	0.0%
Te	464504	< 10	< 10	0.0%	464518	< 10	< 10	0.0%	464529	< 10	< 10	0.0%	464543	< 10	< 10	0.0%
Th	464504	< 5	< 5	0.0%	464518	< 5	< 5	0.0%	464529	< 5	< 5	0.0%	464543	< 5	< 5	0.0%
Ti	464504	0.27	0.27	0.0%	464518	0.24	0.24	0.0%	464529	0.165	0.161	2.5%	464543	0.25	0.25	0.0%
Tl	464504	< 5	< 5	0.0%	464518	< 5	< 5	0.0%	464529	< 5	< 5	0.0%	464543	< 5	< 5	0.0%
U	464504	< 50	< 50	0.0%	464518	< 50	< 50	0.0%	464529	< 50	< 50	0.0%	464543	< 50	< 50	0.0%
V	464504	51.8	50.5	2.5%	464518	47.8	47.5	0.6%	464529	38.4	39.0	1.6%	464543	45.6	45.7	0.2%
W	464504	< 1	< 1	0.0%	464518	< 1	< 1	0.0%	464529	< 1	< 1	0.0%	464543	< 1	< 1	0.0%
Y	464504	6	5	18.2%	464518	4	4	0.0%	464529	5	5	0.0%	464543	13	12	8.0%
Zn	464504	58.8	58.8	0.0%	464518	88.9	88.8	0.1%	464529	34.4	33.4	2.9%	464543	48.2	49.8	3.3%
Zr	464504	89	91	2.2%	464518	10	10	0.0%	464529	73	74	1.4%	464543	48	50	4.1%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	464554	< 0.5	< 0.5	0.0%	464568	0.8	0.8	0.0%								
Al	464554	7.72	7.76	0.5%	464568	7.39	7.42	0.4%								
As	464554	< 1	< 1	0.0%	464568	94	82	13.6%								
Ba	464554	297	303	2.0%	464568	625	634	1.4%								
Be	464554	1.5	1.5	0.0%	464568	8.8	8.8	0.0%								
Bi	464554	< 1	< 1	0.0%	464568	< 1	< 1	0.0%								
Ca	464554	0.742	0.747	0.7%	464568	0.951	0.956	0.5%								
Cd	464554	< 0.5	< 0.5	0.0%	464568	2.47	2.12	15.3%								
Ce	464554	37	37	0.0%	464568	44	44	0.0%								
Co	464554	10.1	9.91	1.9%	464568	28.8	26.0	10.2%								
Cr	464554	128	121	5.6%	464568	33.1	33.5	1.2%								
Cu	464554	< 0.5	< 0.5	0.0%	464568	4.1	4.1	0.0%								
Fe	464554	2.75	2.75	0.0%	464568	3.17	3.16	0.3%								
Ga	464554	17	17	0.0%	464568	17	17	0.0%								
In	464554	< 1	< 1	0.0%	464568	< 1	< 1	0.0%								
K	464554	1.83	1.86	1.6%	464568	2.59	2.59	0.0%								
La	464554	19	19	0.0%	464568	23	24	4.3%								
Li	464554	40	40	0.0%	464568	297	300	1.0%								
Mg	464554	2.56	2.58	0.8%	464568	2.66	2.65	0.4%								
Mn	464554	403	404	0.2%	464568	339	335	1.2%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

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Mo	464554	16.2	14.4	11.8%	464568	2.2	1.8	20.0%								
Na	464554	3.12	3.17	1.6%	464568	3.90	3.93	0.8%								
Ni	464554	20.3	20.4	0.5%	464568	78.6	73.0	7.4%								
P	464554	723	744	2.9%	464568	1060	1120	5.5%								
Pb	464554	< 20	< 20	0.0%	464568	< 20	< 20	0.0%								
Rb	464554	72	74	2.7%	464568	109	108	0.9%								
S	464554	0.040	0.035	13.3%	464568	0.04	0.04	0.0%								
Sb	464554	< 1	< 1	0.0%	464568	< 1	< 1	0.0%								
Sc	464554	7	7	0.0%	464568	12	12	0.0%								
Se	464554	< 10	< 10	0.0%	464568	< 10	< 10	0.0%								
Sn	464554	< 5	< 5	0.0%	464568	< 5	< 5	0.0%								
Sr	464554	148	151	2.0%	464568	190	191	0.5%								
Ta	464554	< 10	< 10	0.0%	464568	< 10	< 10	0.0%								
Te	464554	< 10	< 10	0.0%	464568	< 10	< 10	0.0%								
Th	464554	< 5	< 5	0.0%	464568	< 5	< 5	0.0%								
Ti	464554	0.23	0.23	0.0%	464568	0.29	0.29	0.0%								
Tl	464554	< 5	< 5	0.0%	464568	< 5	< 5	0.0%								
U	464554	< 50	< 50	0.0%	464568	< 50	< 50	0.0%								
V	464554	44.5	44.4	0.2%	464568	75.1	76.4	1.7%								
W	464554	< 1	< 1	0.0%	464568	< 1	< 1	0.0%								
Y	464554	5	6	18.2%	464568	9	9	0.0%								
Zn	464554	64.9	58.3	10.7%	464568	134	138	2.9%								
Zr	464554	41	38	7.6%	464568	145	131	10.1%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	464504	0.002	< 0.001		464518	0.0025	0.0022	12.8%	464529	0.001	< 0.001		464543	0.002	< 0.001	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	464554	0.021	< 0.001		464568	0.003	0.003	0.0%								

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP5G)				CRM #3 (ref.WMG-1a)				CRM #4 (ref.1P5R)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag									3.03	2.87	95%	90% - 110%				
Al	8.17	8.29	102%	90% - 110%	6.96	6.85	98%	90% - 110%	4.75	4.82	102%	90% - 110%	10.95	10.64	97%	90% - 110%
As	26	24	91%	90% - 110%	124	119	96%	90% - 110%								
Ba	540	514	95%	90% - 110%	186	178	96%	90% - 110%	216	211	98%	90% - 110%	340	332	98%	90% - 110%
Be	4.0	3.3	83%	90% - 110%									2.6	2.9	111%	90% - 110%
Ca	0.907	0.921	102%	90% - 110%	4.01	3.91	98%	90% - 110%	10	9	94%	90% - 110%	5.72	5.67	99%	90% - 110%
Ce	98	97	99%	90% - 110%	24	21	86%	90% - 110%					122	118	97%	90% - 110%
Co					22.1	22.1	100%	90% - 110%	191	182	95%	90% - 110%				
Cr	60.3	63.1	105%	90% - 110%					670	633	95%	90% - 110%				
Cu	150	151	101%	90% - 110%	88.6	83.1	94%	90% - 110%	7120	7110	100%	90% - 110%				
Fe	3.77	3.9	103%	90% - 110%	7.56	7.4	98%	90% - 110%	12.71	12.48	98%	90% - 110%	4.34	4.3	99%	90% - 110%
Ga													35	35	99%	90% - 110%
K					2.021	1.97	97%	90% - 110%	0.1021	0.1077	105%	90% - 110%	1.37	1.37	100%	90% - 110%
La	44	44	100%	90% - 110%					8.47	8.71	103%	90% - 110%	58	56	96%	90% - 110%
Li	47	46	99%	90% - 110%									37	37	100%	90% - 110%
Mg	1.10	1.09	99%	90% - 110%	2.412	2.447	101%	90% - 110%	7.41	7.54	102%	90% - 110%	0.325	0.302	93%	90% - 110%
Mn	780	774	99%	90% - 110%	1510	1440	95%	90% - 110%								
Mo	14	14	103%	90% - 110%					2.49	2.94	118%	90% - 110%				
Na	1.624	1.67	103%	90% - 110%	0.617	0.629	102%	90% - 110%	0.112	0.119	106%	90% - 110%	5.267	5.268	100%	90% - 110%
Ni	32	34	105%	90% - 110%	77.1	73.4	95%	90% - 110%	2480	2350	95%	90% - 110%	9	10	113%	90% - 110%
P	750	781	104%	90% - 110%	892	871	98%	90% - 110%	731	717	98%	90% - 110%				
Pb	31	31	99%	90% - 110%												
Rb	143	138	96%	90% - 110%									55	59	107%	90% - 110%
S					0.348	0.339	98%	90% - 110%								
Sc	12	13	106%	90% - 110%					21.33	21.52	101%	90% - 110%	1.1	1	95%	90% - 110%
Sr	144	153	106%	90% - 110%	92.8	88.9	96%	90% - 110%	39	38	98%	90% - 110%	1191	1157	97%	90% - 110%
Ti	0.53	0.52	98%	90% - 110%					0.419	0.443	106%	90% - 110%	0.172	0.178	104%	90% - 110%
V	77	82	106%	90% - 110%					158	163	103%	90% - 110%	8	8	96%	90% - 110%
Y									12.67	13.13	104%	90% - 110%	119	125	105%	90% - 110%
Zn	130	121	93%	90% - 110%	208	200	96%	90% - 110%	112	112	100%	90% - 110%	93	93	100%	90% - 110%
Zr									35.7	37	104%	90% - 110%				



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP5G)				CRM #3 (ref.GS4H)				CRM #4 (ref.1P5R)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.8	99%	90% - 110%	0.562	0.57	101%	90% - 110%	5.01	5.16	103%	90% - 110%	1.81	1.93	106%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19T508773

PROJECT: AGAT00756

ATTENTION TO: Craig Yuill

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00757

AGAT WORK ORDER: 19T509346

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Sep 10, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T509346

PROJECT: AGAT00757

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 23, 2019

DATE REPORTED: Sep 10, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
B74095 (467821)		2.50
B74096 (467822)		2.48
B74097 (467823)		1.73
B74098 (467824)		1.73
B74099 (467825)		2.22
B74100 (467826)		1.81
B74101 (467827)		0.83
B74102 (467828)		3.18
B74103 (467829)		3.26
B74104 (467830)		3.14
B74105 (467831)		3.25
B74106 (467832)		0.07
B74107 (467833)		1.36
B74108 (467834)		1.21
B74109 (467835)		3.19
B74110 (467836)		2.67
B74111 (467837)		1.55
B74112 (467838)		0.57
B74113 (467839)		3.19
B74114 (467840)		1.72
B74115 (467841)		0.97
B74116 (467842)		1.98
B74117 (467843)		0.83
B74118 (467844)		0.83
B74119 (467845)		1.49
B74120 (467846)		3.02
B74121 (467847)		2.93
B74122 (467848)		2.49
B74123 (467849)		3.11
B74124 (467850)		2.25
B74125 (467851)		1.38

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T509346

PROJECT: AGAT00757

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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 23, 2019

DATE REPORTED: Sep 10, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
B74126 (467852)		0.07
B74127 (467853)		1.93
B74128 (467854)		1.50
B74129 (467855)		2.12
B74130 (467856)		1.24
B74131 (467857)		1.65
B74132 (467858)		0.60
B74133 (467859)		1.92
B74134 (467860)		2.31
B74135 (467861)		2.26
B74136 (467862)		2.22
B74137 (467863)		2.22
B74138 (467864)		2.22
B74139 (467865)		2.19
B74140 (467866)		1.44
B74141 (467867)		0.90
B74142 (467868)		1.96
B74143 (467869)		2.19
B74144 (467870)		2.22
B74145 (467871)		2.19
B74146 (467872)		0.07
B74147 (467873)		2.24
B74148 (467874)		2.27
B74149 (467875)		2.18
B74150 (467876)		2.15
B74151 (467877)		2.36
B74152 (467878)		0.62
B74153 (467879)		2.10
B74154 (467880)		2.17
B74155 (467881)		2.27
B74156 (467882)		2.25

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T509346

PROJECT: AGAT00757

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 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 23, 2019

DATE REPORTED: Sep 10, 2019

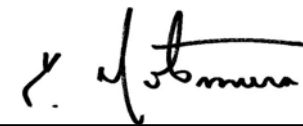
SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
B74157 (467883)		2.25
B74158 (467884)		2.25
B74159 (467885)		2.30
B74160 (467886)		2.07
B74161 (467887)		2.42
B74162 (467888)		2.25
B74163 (467889)		2.26
B74164 (467890)		2.24
B74165 (467891)		2.26
B74166 (467892)		0.07

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T509346

PROJECT: AGAT00757

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019	DATE RECEIVED: Aug 23, 2019							DATE REPORTED: Sep 10, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
B74095 (467821)	<0.5	6.43	3	256	2.2	<1	1.60	<0.5	64	5.6	94.2	11.3	1.87	14	
B74096 (467822)	<0.5	7.66	<1	207	0.9	<1	0.80	<0.5	47	8.8	95.4	19.7	2.70	16	
B74097 (467823)	<0.5	8.09	<1	116	<0.5	<1	7.44	<0.5	10	39.2	154	106	7.03	16	
B74098 (467824)	<0.5	8.00	<1	109	<0.5	<1	7.55	<0.5	8	39.6	188	109	7.14	15	
B74099 (467825)	<0.5	7.62	<1	319	1.4	<1	0.60	<0.5	54	6.0	95.5	<0.5	2.00	17	
B74100 (467826)	<0.5	8.02	<1	324	1.0	<1	0.82	<0.5	51	6.2	93.3	<0.5	2.21	18	
B74101 (467827)	<0.5	7.54	<1	250	1.6	<1	0.60	<0.5	43	7.0	96.2	7.9	1.98	16	
B74102 (467828)	<0.5	8.26	<1	254	2.1	<1	1.10	<0.5	46	8.6	108	24.6	2.45	17	
B74103 (467829)	0.5	8.36	<1	285	0.7	<1	1.90	<0.5	44	10.0	91.2	26.2	2.76	17	
B74104 (467830)	<0.5	8.30	<1	298	0.8	<1	1.59	<0.5	38	8.7	87.6	16.5	2.76	16	
B74105 (467831)	<0.5	8.47	2	280	1.0	<1	1.51	<0.5	34	9.2	99.1	8.2	2.77	18	
B74106 (467832)	<0.5	7.55	<1	188	<0.5	<1	6.43	<0.5	10	38.2	151	104	7.79	19	
B74107 (467833)	<0.5	7.96	<1	272	<0.5	<1	1.21	<0.5	36	8.3	87.9	7.8	2.65	17	
B74108 (467834)	<0.5	7.32	<1	264	0.5	<1	0.99	<0.5	33	7.4	100	2.2	2.22	17	
B74109 (467835)	<0.5	8.25	<1	249	0.7	<1	1.57	<0.5	34	8.9	93.3	20.6	2.69	18	
B74110 (467836)	<0.5	7.93	<1	264	0.7	<1	1.10	<0.5	34	8.8	92.8	9.0	2.69	17	
B74111 (467837)	<0.5	7.03	<1	288	1.0	<1	0.76	<0.5	38	9.5	103	15.4	2.80	15	
B74112 (467838)	<0.5	0.14	<1	19	<0.5	<1	32.3	<0.5	<1	0.6	5.2	<0.5	0.11	<5	
B74113 (467839)	<0.5	7.22	<1	293	0.9	<1	1.69	<0.5	43	8.5	86.6	39.4	2.55	15	
B74114 (467840)	<0.5	7.72	<1	619	3.2	<1	1.29	<0.5	32	12.1	107	43.5	3.48	17	
B74115 (467841)	<0.5	7.68	<1	319	0.6	<1	1.56	<0.5	37	6.0	104	32.8	2.19	17	
B74116 (467842)	<0.5	8.06	<1	410	1.3	<1	1.68	<0.5	43	8.3	109	4.5	2.68	18	
B74117 (467843)	<0.5	7.74	<1	312	1.9	<1	1.72	<0.5	36	6.4	107	8.9	2.16	17	
B74118 (467844)	<0.5	7.90	<1	324	1.9	<1	1.78	<0.5	35	6.6	104	9.0	2.20	18	
B74119 (467845)	0.5	8.74	<1	416	1.2	<1	2.32	<0.5	58	9.1	88.4	13.4	2.99	18	
B74120 (467846)	<0.5	8.16	<1	496	1.2	<1	2.10	<0.5	77	6.4	85.1	10.1	2.30	19	
B74121 (467847)	<0.5	8.16	<1	817	1.0	<1	2.20	<0.5	64	5.8	81.7	7.5	2.16	19	
B74122 (467848)	<0.5	8.21	<1	758	1.0	<1	2.18	<0.5	65	5.0	83.8	2.8	1.92	19	
B74123 (467849)	<0.5	7.67	<1	674	1.1	<1	2.00	<0.5	38	7.5	113	12.6	2.89	18	
B74124 (467850)	0.6	6.86	1	412	0.9	<1	1.68	<0.5	46	9.8	161	35.9	3.62	17	
B74125 (467851)	<0.5	7.85	<1	815	0.8	<1	2.37	<0.5	36	6.4	92.9	87.1	1.93	17	
B74126 (467852)	<0.5	7.33	<1	144	<0.5	<1	6.86	<0.5	<1	41.3	151	150	8.11	17	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T509346

PROJECT: AGAT00757

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019	DATE RECEIVED: Aug 23, 2019							DATE REPORTED: Sep 10, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
B74127 (467853)	0.9	7.45	<1	963	0.8	<1	2.56	<0.5	28	5.7	114	283	2.48	18	
B74128 (467854)	1.0	7.54	<1	293	1.0	<1	2.28	<0.5	27	4.5	91.5	163	1.75	16	
B74129 (467855)	0.8	7.74	<1	457	1.1	<1	1.98	<0.5	40	4.3	99.8	110	1.96	18	
B74130 (467856)	0.8	7.65	2	825	1.0	<1	1.70	<0.5	45	5.0	112	72.1	2.34	17	
B74131 (467857)	0.8	7.52	2	1190	0.7	<1	1.18	<0.5	50	5.0	104	54.4	2.41	18	
B74132 (467858)	<0.5	0.13	<1	22	<0.5	<1	31.9	<0.5	<1	0.7	3.4	<0.5	0.10	<5	
B74133 (467859)	0.7	6.89	1	763	0.7	<1	1.11	<0.5	70	8.1	172	48.2	2.95	18	
B74134 (467860)	1.2	7.68	<1	507	1.0	<1	1.98	<0.5	43	9.6	163	179	3.92	20	
B74135 (467861)	0.7	7.53	3	1080	0.9	<1	1.20	<0.5	45	4.2	124	50.0	1.94	17	
B74136 (467862)	1.0	6.98	2	512	1.1	<1	1.32	<0.5	51	8.1	182	93.0	3.74	19	
B74137 (467863)	1.3	7.77	4	821	1.2	<1	1.53	<0.5	39	5.3	154	128	2.92	19	
B74138 (467864)	1.5	7.66	2	803	1.3	<1	1.54	<0.5	38	4.9	134	129	2.86	19	
B74139 (467865)	1.1	7.43	<1	431	1.2	<1	1.56	<0.5	34	4.2	110	76.9	2.08	17	
B74140 (467866)	1.3	7.84	<1	528	1.3	<1	1.72	<0.5	32	4.1	125	78.3	2.16	19	
B74141 (467867)	0.8	7.70	5	1620	2.0	<1	3.08	<0.5	20	5.7	99.4	40.4	1.75	19	
B74142 (467868)	1.1	8.25	<1	868	1.3	<1	2.14	<0.5	29	3.6	73.5	69.8	1.81	20	
B74143 (467869)	1.0	7.19	<1	366	1.0	<1	1.81	<0.5	27	2.0	73.8	70.9	1.57	15	
B74144 (467870)	1.3	5.15	13	717	<0.5	<1	0.23	1.2	29	6.1	219	103	2.67	13	
B74145 (467871)	0.6	4.99	19	737	<0.5	<1	0.31	3.5	28	5.9	201	31.1	2.37	13	
B74146 (467872)	<0.5	7.54	<1	86	<0.5	<1	7.40	0.6	<1	38.9	159	160	7.51	16	
B74147 (467873)	0.7	4.74	21	691	<0.5	<1	0.22	5.8	34	6.2	190	28.2	2.56	12	
B74148 (467874)	0.9	5.67	18	821	0.6	<1	0.27	1.2	35	8.9	188	46.6	2.53	16	
B74149 (467875)	2.4	6.48	8	1220	0.8	<1	0.69	1.7	39	4.7	168	129	2.76	16	
B74150 (467876)	1.4	6.72	7	2210	0.9	<1	0.62	<0.5	32	5.3	140	55.1	2.14	16	
B74151 (467877)	1.0	6.27	4	1160	0.9	<1	0.46	<0.5	26	5.5	142	34.1	1.50	14	
B74152 (467878)	<0.5	0.15	<1	38	<0.5	<1	32.3	<0.5	<1	<0.5	5.8	<0.5	0.11	<5	
B74153 (467879)	1.3	7.84	<1	883	1.1	<1	2.57	<0.5	50	24.8	197	49.9	4.41	19	
B74154 (467880)	0.7	8.78	<1	1130	0.8	<1	2.50	<0.5	40	25.0	187	43.1	5.29	22	
B74155 (467881)	0.9	9.28	<1	1140	0.8	<1	2.60	<0.5	39	25.5	189	38.0	5.64	22	
B74156 (467882)	0.8	8.91	<1	1070	1.2	<1	2.47	<0.5	36	26.6	178	50.0	5.76	22	
B74157 (467883)	1.0	8.38	<1	910	1.3	<1	2.38	<0.5	38	26.4	186	53.2	5.15	20	
B74158 (467884)	1.2	8.48	<1	924	1.2	<1	2.44	<0.5	37	26.3	175	52.2	5.24	20	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T509346

PROJECT: AGAT00757

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019	DATE RECEIVED: Aug 23, 2019						DATE REPORTED: Sep 10, 2019					SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
B74159 (467885)	1.4	8.71	<1	1240	1.1	<1	2.24	<0.5	36	28.2	199	73.4	5.63	19	
B74160 (467886)	1.0	7.92	<1	1280	1.0	<1	1.80	<0.5	31	19.4	144	48.9	4.13	17	
B74161 (467887)	1.0	8.37	<1	1000	1.0	<1	2.10	<0.5	33	24.1	168	51.7	5.05	19	
B74162 (467888)	0.8	7.32	<1	733	0.8	<1	1.69	<0.5	32	19.5	172	25.0	4.28	17	
B74163 (467889)	0.9	7.89	<1	826	0.8	<1	1.63	<0.5	36	24.8	186	27.1	5.20	19	
B74164 (467890)	0.7	8.54	<1	679	1.4	<1	2.31	<0.5	74	14.8	127	21.0	3.64	21	
B74165 (467891)	1.0	8.47	2	819	1.0	<1	2.17	<0.5	63	20.5	156	35.8	5.04	21	
B74166 (467892)	<0.5	7.57	2	87	<0.5	<1	7.24	<0.5	<1	38.8	158	163	7.39	16	

Certified By:



## Certificate of Analysis

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PROJECT: AGAT00757

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019	DATE RECEIVED: Aug 23, 2019					DATE REPORTED: Sep 10, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
B74095 (467821)	<1	1.30	31	50	1.69	421	16.8	3.23	20.3	452	<20	<50	0.06	<1	
B74096 (467822)	<1	1.78	24	52	2.41	457	16.7	3.10	18.2	441	<20	<50	0.17	<1	
B74097 (467823)	<1	0.64	7	16	4.42	1250	12.6	1.76	84.5	256	<20	<50	0.09	<1	
B74098 (467824)	<1	0.60	6	15	4.42	1260	13.6	1.70	85.4	223	<20	<50	0.09	<1	
B74099 (467825)	<1	1.24	25	77	2.02	219	15.6	3.35	10.6	444	<20	<50	0.01	<1	
B74100 (467826)	<1	1.41	24	76	2.08	278	13.9	3.76	11.4	427	<20	<50	0.02	<1	
B74101 (467827)	<1	0.98	21	102	1.83	248	17.0	3.15	10.9	278	<20	<50	0.05	<1	
B74102 (467828)	<1	1.22	22	92	2.01	403	14.7	3.37	15.7	508	<20	<50	0.20	<1	
B74103 (467829)	<1	1.39	23	45	1.70	586	13.9	3.41	19.1	433	<20	<50	0.22	<1	
B74104 (467830)	<1	1.52	19	75	2.02	565	15.7	3.09	16.7	582	<20	<50	0.16	<1	
B74105 (467831)	<1	1.55	17	63	1.83	490	16.0	3.54	16.6	613	<20	<50	0.12	<1	
B74106 (467832)	<1	0.44	9	11	4.42	1340	1.9	2.36	104	802	<20	<50	0.09	<1	
B74107 (467833)	<1	1.39	18	56	1.66	383	14.9	3.33	12.5	510	<20	<50	0.10	<1	
B74108 (467834)	<1	1.05	17	62	1.32	336	17.2	2.93	9.1	294	<20	<50	0.04	<1	
B74109 (467835)	<1	1.37	17	43	1.55	376	13.2	3.74	15.7	621	<20	<50	0.22	<1	
B74110 (467836)	<1	1.27	17	90	1.86	483	15.4	3.07	15.7	621	<20	<50	0.11	<1	
B74111 (467837)	<1	1.46	19	54	2.00	390	16.5	2.04	16.0	212	<20	<50	0.14	<1	
B74112 (467838)	<1	0.03	2	2	1.96	102	0.8	0.07	0.6	82	<20	<50	0.05	<1	
B74113 (467839)	<1	1.60	21	103	2.26	336	13.5	2.49	15.0	492	<20	<50	0.15	<1	
B74114 (467840)	<1	3.43	17	123	3.25	562	18.9	1.88	24.2	1020	<20	<50	0.18	<1	
B74115 (467841)	<1	1.44	17	29	1.52	327	17.5	3.04	8.3	444	<20	<50	0.22	<1	
B74116 (467842)	<1	2.20	22	77	2.38	499	19.5	2.76	13.5	559	<20	<50	0.05	<1	
B74117 (467843)	<1	1.43	18	35	1.19	500	18.8	2.76	13.6	510	<20	<50	0.07	<1	
B74118 (467844)	<1	1.47	18	35	1.21	516	18.8	2.85	14.1	511	<20	<50	0.07	<1	
B74119 (467845)	<1	1.92	28	43	1.56	590	14.0	3.04	18.5	610	<20	<50	0.11	<1	
B74120 (467846)	<1	1.51	34	32	1.00	422	15.4	3.13	9.5	752	<20	<50	0.12	<1	
B74121 (467847)	<1	1.47	28	31	0.84	368	14.8	3.27	9.9	649	<20	<50	0.16	<1	
B74122 (467848)	<1	1.32	29	39	0.90	329	16.2	3.04	9.8	516	<20	<50	0.16	<1	
B74123 (467849)	<1	1.13	19	36	1.15	213	21.5	2.55	8.5	388	<20	<50	2.24	<1	
B74124 (467850)	<1	1.31	22	51	1.34	229	20.0	1.95	12.4	506	<20	<50	2.85	<1	
B74125 (467851)	<1	1.10	18	30	1.21	245	21.3	2.38	7.8	423	<20	<50	0.82	<1	
B74126 (467852)	<1	0.20	3	13	4.46	1400	1.5	2.31	85.6	398	<20	<50	0.16	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T509346

PROJECT: AGAT00757

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 23, 2019

DATE REPORTED: Sep 10, 2019

SAMPLE TYPE: Drill Core

Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
B74127 (467853)	<1	1.29	14	39	1.41	319	28.5	2.25	9.9	355	<20	<50	1.05	<1
B74128 (467854)	<1	1.15	13	24	1.23	251	26.8	2.61	6.7	390	<20	<50	0.77	<1
B74129 (467855)	<1	1.49	19	40	1.12	242	21.6	2.42	6.4	540	<20	<50	1.15	<1
B74130 (467856)	<1	1.93	21	29	1.42	283	20.7	2.22	8.5	595	<20	<50	1.57	<1
B74131 (467857)	<1	2.17	24	35	0.95	197	18.7	1.55	9.0	522	<20	<50	1.79	<1
B74132 (467858)	<1	0.03	2	2	2.52	112	0.9	0.06	<0.5	83	<20	<50	0.06	1
B74133 (467859)	<1	1.94	32	26	0.95	188	23.9	1.33	9.9	609	<20	<50	2.49	<1
B74134 (467860)	<1	2.07	20	39	1.08	243	19.2	1.87	8.8	440	<20	<50	2.73	<1
B74135 (467861)	<1	2.22	21	32	0.95	216	20.3	1.56	7.4	416	<20	<50	1.38	<1
B74136 (467862)	<1	2.02	23	41	1.20	256	19.2	1.67	8.1	450	<20	<50	3.05	<1
B74137 (467863)	<1	1.98	18	28	1.05	250	17.5	1.94	7.5	397	<20	<50	1.88	<1
B74138 (467864)	<1	1.94	18	28	1.03	248	17.5	1.97	7.0	377	<20	<50	1.83	1
B74139 (467865)	<1	1.57	16	20	0.96	259	17.6	1.84	6.6	384	<20	<50	0.86	<1
B74140 (467866)	<1	1.70	16	21	1.13	287	18.6	2.17	5.9	374	<20	<50	0.88	1
B74141 (467867)	<1	1.81	9	31	1.25	392	13.5	3.56	12.8	3940	<20	<50	0.46	<1
B74142 (467868)	<1	1.89	14	15	1.24	311	16.5	2.80	5.3	440	<20	<50	0.64	<1
B74143 (467869)	<1	1.33	13	13	1.02	269	20.2	2.18	5.0	350	<20	<50	0.69	<1
B74144 (467870)	<1	1.66	14	14	0.38	133	26.9	0.41	10.4	380	<20	<50	1.91	<1
B74145 (467871)	<1	1.60	13	9	0.27	106	25.2	0.50	9.2	363	<20	<50	2.13	<1
B74146 (467872)	<1	0.24	3	15	4.57	1330	2.2	1.73	96.1	335	<20	<50	0.22	<1
B74147 (467873)	<1	1.40	16	10	0.31	115	27.4	0.32	10.6	407	<20	<50	2.37	<1
B74148 (467874)	<1	1.60	17	14	0.39	130	23.1	0.41	8.8	414	<20	<50	2.11	<1
B74149 (467875)	<1	2.04	18	14	0.73	237	21.2	1.01	8.2	498	<20	<50	1.42	<1
B74150 (467876)	<1	2.88	15	19	0.46	176	19.3	1.14	11.0	928	74	<50	0.99	<1
B74151 (467877)	<1	1.53	13	9	0.19	100	21.1	0.76	9.2	385	<20	<50	0.64	<1
B74152 (467878)	<1	0.05	<2	<1	1.75	113	0.8	0.05	<0.5	77	<20	<50	0.06	<1
B74153 (467879)	<1	2.47	24	50	2.03	735	14.5	1.63	83.1	501	<20	<50	0.89	<1
B74154 (467880)	<1	2.30	20	55	1.52	782	18.0	2.01	61.3	515	<20	<50	0.24	<1
B74155 (467881)	<1	2.18	20	54	1.56	956	16.5	1.98	57.7	515	<20	<50	0.21	<1
B74156 (467882)	<1	2.06	19	50	1.53	991	16.2	1.87	58.1	507	<20	<50	0.31	<1
B74157 (467883)	<1	1.89	19	45	1.44	984	17.2	1.80	57.7	472	<20	<50	0.33	<1
B74158 (467884)	<1	1.94	19	46	1.46	981	16.4	1.83	56.5	463	<20	<50	0.33	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T509346

PROJECT: AGAT00757

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 23, 2019

DATE REPORTED: Sep 10, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
B74159 (467885)		<1	1.86	18	41	1.35	1190	15.2	1.93	58.4	453	<20	<50	0.46	<1
B74160 (467886)		<1	2.05	16	35	1.06	828	16.8	1.87	44.1	446	<20	<50	0.34	<1
B74161 (467887)		<1	2.11	17	35	1.31	916	15.2	2.10	53.9	524	<20	<50	0.34	<1
B74162 (467888)		<1	1.79	16	42	1.20	740	18.2	1.71	41.7	414	<20	<50	0.18	<1
B74163 (467889)		<1	2.18	19	52	1.44	895	16.6	1.68	54.0	460	<20	<50	0.22	<1
B74164 (467890)		<1	1.96	35	43	1.37	508	13.8	2.59	35.8	701	<20	<50	0.15	<1
B74165 (467891)		<1	2.02	30	49	1.47	724	14.6	2.34	49.0	587	<20	<50	0.27	<1
B74166 (467892)		<1	0.25	3	15	4.57	1310	2.0	1.72	93.3	329	<20	<50	0.22	<1

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## Certificate of Analysis

AGAT WORK ORDER: 19T509346

PROJECT: AGAT00757

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 23, 2019

DATE REPORTED: Sep 10, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
B74095 (467821)	6	<10	<5	183	<10	<10	<5	0.18	<5	<50	32.7	<1	11	44.3
B74096 (467822)	7	<10	<5	115	<10	<10	<5	0.21	<5	<50	42.8	<1	5	62.5
B74097 (467823)	39	<10	<5	117	<10	<10	<5	0.39	<5	<50	229	<1	16	74.2
B74098 (467824)	39	<10	<5	114	<10	<10	<5	0.39	<5	<50	232	<1	16	75.5
B74099 (467825)	4	<10	<5	169	<10	<10	<5	0.17	<5	<50	34.2	<1	5	39.9
B74100 (467826)	5	<10	<5	197	<10	<10	<5	0.19	<5	<50	35.0	<1	5	39.7
B74101 (467827)	4	<10	<5	169	<10	<10	<5	0.16	<5	<50	31.2	<1	4	38.2
B74102 (467828)	6	<10	<5	124	<10	<10	<5	0.22	<5	<50	41.3	<1	5	45.6
B74103 (467829)	8	<10	<5	112	<10	<10	<5	0.26	<5	<50	50.1	<1	7	52.6
B74104 (467830)	7	<10	<5	99	<10	<10	<5	0.25	<5	<50	46.4	<1	7	51.0
B74105 (467831)	8	<10	<5	114	<10	<10	<5	0.26	<5	<50	49.8	<1	6	43.6
B74106 (467832)	35	<10	<5	249	<10	<10	<5	0.84	<5	<50	248	<1	23	91.9
B74107 (467833)	6	<10	<5	125	<10	<10	<5	0.23	<5	<50	43.8	<1	5	50.3
B74108 (467834)	5	<10	<5	129	<10	<10	<5	0.19	<5	<50	38.5	<1	3	42.5
B74109 (467835)	7	<10	<5	130	<10	<10	<5	0.26	<5	<50	48.4	<1	5	46.3
B74110 (467836)	7	<10	<5	114	<10	<10	<5	0.26	<5	<50	47.4	<1	5	33.7
B74111 (467837)	7	<10	<5	102	<10	<10	<5	0.27	<5	<50	45.8	<1	4	48.9
B74112 (467838)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	1.7	<1	2	2.8
B74113 (467839)	6	<10	<5	124	<10	<10	<5	0.21	<5	<50	41.6	<1	6	54.7
B74114 (467840)	13	<10	<5	125	<10	<10	<5	0.21	<5	<50	50.7	<1	6	99.5
B74115 (467841)	5	<10	<5	126	<10	<10	<5	0.20	<5	<50	37.5	<1	5	54.2
B74116 (467842)	7	<10	<5	122	<10	<10	<5	0.27	<5	<50	44.6	<1	7	93.9
B74117 (467843)	6	<10	<5	125	<10	<10	<5	0.18	<5	<50	33.8	<1	8	55.6
B74118 (467844)	6	<10	<5	129	<10	<10	<5	0.18	<5	<50	34.4	<1	8	57.5
B74119 (467845)	8	<10	<5	184	<10	<10	<5	0.27	<5	<50	49.8	<1	8	69.6
B74120 (467846)	5	<10	<5	291	<10	<10	<5	0.21	<5	<50	40.5	<1	8	58.0
B74121 (467847)	5	<10	<5	329	<10	<10	<5	0.19	<5	<50	37.1	<1	7	51.9
B74122 (467848)	4	<10	<5	361	<10	<10	<5	0.20	<5	<50	36.5	<1	7	47.8
B74123 (467849)	5	<10	<5	406	<10	<10	<5	0.14	<5	<50	32.5	<1	5	19.9
B74124 (467850)	6	<10	<5	248	<10	<10	<5	0.15	<5	<50	38.4	<1	7	20.7
B74125 (467851)	4	<10	<5	253	<10	<10	<5	0.15	<5	<50	31.8	<1	5	18.5
B74126 (467852)	47	<10	<5	112	<10	<10	<5	0.65	<5	<50	313	<1	23	83.2

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T509346

PROJECT: AGAT00757

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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 23, 2019

DATE REPORTED: Sep 10, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
B74127 (467853)	4	<10	<5	259	<10	<10	<5	0.15	<5	<50	34.3	<1	5	37.6
B74128 (467854)	4	<10	<5	243	<10	<10	<5	0.14	<5	<50	26.9	<1	4	21.1
B74129 (467855)	4	<10	<5	215	<10	<10	<5	0.15	<5	<50	27.6	<1	6	20.3
B74130 (467856)	4	<10	<5	198	<10	<10	<5	0.18	<5	<50	32.6	<1	6	26.3
B74131 (467857)	4	<10	<5	156	<10	<10	<5	0.17	<5	<50	35.2	<1	6	13.9
B74132 (467858)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	3.0
B74133 (467859)	5	<10	<5	131	<10	<10	<5	0.15	<5	<50	36.5	<1	7	15.3
B74134 (467860)	5	<10	<5	167	<10	<10	<5	0.15	<5	<50	39.2	<1	6	33.5
B74135 (467861)	6	<10	<5	149	<10	<10	<5	0.14	<5	<50	38.8	<1	6	28.0
B74136 (467862)	6	<10	<5	148	<10	<10	<5	0.15	<5	<50	35.4	<1	7	32.0
B74137 (467863)	5	<10	<5	167	<10	<10	<5	0.14	<5	<50	31.7	<1	6	35.2
B74138 (467864)	5	<10	<5	169	<10	<10	<5	0.14	<5	<50	31.7	<1	6	35.6
B74139 (467865)	4	<10	<5	160	<10	<10	<5	0.15	<5	<50	26.6	<1	5	50.0
B74140 (467866)	5	<10	<5	182	<10	<10	<5	0.16	<5	<50	27.9	<1	4	88.4
B74141 (467867)	7	<10	<5	276	<10	<10	<5	0.10	<5	<50	27.2	<1	7	158
B74142 (467868)	4	<10	<5	242	<10	<10	<5	0.16	<5	<50	29.0	<1	4	92.9
B74143 (467869)	4	<10	<5	183	<10	<10	<5	0.13	<5	<50	23.8	<1	4	106
B74144 (467870)	3	<10	<5	58	<10	<10	<5	0.10	<5	<50	26.4	<1	4	204
B74145 (467871)	3	<10	<5	73	<10	<10	<5	0.09	<5	<50	26.3	<1	4	655
B74146 (467872)	44	<10	<5	176	<10	<10	<5	0.60	<5	<50	284	<1	21	78.0
B74147 (467873)	4	<10	<5	54	<10	<10	<5	0.09	<5	<50	28.9	<1	5	1240
B74148 (467874)	4	<10	<5	57	<10	<10	<5	0.10	<5	<50	29.1	<1	5	200
B74149 (467875)	5	<10	<5	120	<10	<10	<5	0.13	<5	<50	28.9	<1	5	359
B74150 (467876)	5	<10	<5	159	<10	<10	5	0.11	<5	<50	26.6	<1	6	86.5
B74151 (467877)	4	<10	<5	69	<10	<10	<5	0.10	<5	<50	26.1	<1	4	28.2
B74152 (467878)	<1	<10	<5	72	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	3.8
B74153 (467879)	25	<10	<5	151	<10	<10	<5	0.44	<5	<50	167	<1	10	165
B74154 (467880)	24	<10	<5	262	<10	<10	<5	0.53	<5	<50	179	<1	16	97.7
B74155 (467881)	28	<10	<5	294	<10	<10	<5	0.64	<5	<50	196	<1	20	108
B74156 (467882)	27	<10	<5	285	<10	<10	<5	0.62	<5	<50	196	<1	20	108
B74157 (467883)	27	<10	<5	268	<10	<10	<5	0.56	<5	<50	191	<1	20	103
B74158 (467884)	27	<10	<5	274	<10	<10	<5	0.57	<5	<50	193	<1	20	104

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T509346

PROJECT: AGAT00757

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 23, 2019

DATE REPORTED: Sep 10, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
B74159 (467885)	29	<10	<5	284	<10	<10	<5	0.64	<5	<50	207	<1	19	116
B74160 (467886)	19	<10	<5	271	<10	<10	<5	0.47	<5	<50	139	<1	14	99.5
B74161 (467887)	23	<10	<5	349	<10	<10	<5	0.55	<5	<50	167	<1	17	110
B74162 (467888)	20	<10	<5	297	<10	<10	<5	0.49	<5	<50	146	<1	15	95.5
B74163 (467889)	26	<10	<5	285	<10	<10	<5	0.60	<5	<50	185	<1	18	107
B74164 (467890)	15	<10	<5	427	<10	<10	<5	0.39	<5	<50	118	<1	13	84.8
B74165 (467891)	21	<10	<5	372	<10	<10	<5	0.46	<5	<50	154	<1	17	93.2
B74166 (467892)	44	<10	<5	173	<10	<10	<5	0.59	<5	<50	288	<1	21	78.8

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T509346

PROJECT: AGAT00757

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019      DATE RECEIVED: Aug 23, 2019      DATE REPORTED: Sep 10, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
B74095 (467821)				93
B74096 (467822)				36
B74097 (467823)				55
B74098 (467824)				51
B74099 (467825)				38
B74100 (467826)				66
B74101 (467827)				90
B74102 (467828)				74
B74103 (467829)				98
B74104 (467830)				63
B74105 (467831)				26
B74106 (467832)				89
B74107 (467833)				17
B74108 (467834)				19
B74109 (467835)				18
B74110 (467836)				15
B74111 (467837)				25
B74112 (467838)				<5
B74113 (467839)				54
B74114 (467840)				71
B74115 (467841)				53
B74116 (467842)				87
B74117 (467843)				95
B74118 (467844)				86
B74119 (467845)				121
B74120 (467846)				69
B74121 (467847)				62
B74122 (467848)				62
B74123 (467849)				78
B74124 (467850)				106
B74125 (467851)				78
B74126 (467852)				49

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T509346

PROJECT: AGAT00757

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019      DATE RECEIVED: Aug 23, 2019      DATE REPORTED: Sep 10, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
B74127 (467853)				70
B74128 (467854)				58
B74129 (467855)				60
B74130 (467856)				77
B74131 (467857)				87
B74132 (467858)				<5
B74133 (467859)				95
B74134 (467860)				94
B74135 (467861)				111
B74136 (467862)				117
B74137 (467863)				87
B74138 (467864)				93
B74139 (467865)				84
B74140 (467866)				73
B74141 (467867)				51
B74142 (467868)				65
B74143 (467869)				53
B74144 (467870)				43
B74145 (467871)				42
B74146 (467872)				43
B74147 (467873)				48
B74148 (467874)				46
B74149 (467875)				57
B74150 (467876)				63
B74151 (467877)				61
B74152 (467878)				<5
B74153 (467879)				100
B74154 (467880)				121
B74155 (467881)				124
B74156 (467882)				117
B74157 (467883)				111
B74158 (467884)				108

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T509346

PROJECT: AGAT00757

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 23, 2019

DATE REPORTED: Sep 10, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
B74159 (467885)	120
B74160 (467886)	104
B74161 (467887)	110
B74162 (467888)	98
B74163 (467889)	103
B74164 (467890)	115
B74165 (467891)	119
B74166 (467892)	44

Comments: RDL - Reported Detection Limit

467821-467892 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T509346

PROJECT: AGAT00757

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 23, 2019

DATE REPORTED: Sep 10, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
B74095 (467821)			0.002
B74096 (467822)			0.001
B74097 (467823)			0.003
B74098 (467824)			0.003
B74099 (467825)			<0.001
B74100 (467826)			<0.001
B74101 (467827)			<0.001
B74102 (467828)			0.002
B74103 (467829)			0.001
B74104 (467830)			0.001
B74105 (467831)			0.001
B74106 (467832)			0.336
B74107 (467833)			0.001
B74108 (467834)			<0.001
B74109 (467835)			0.001
B74110 (467836)			0.001
B74111 (467837)			0.002
B74112 (467838)			0.001
B74113 (467839)			0.004
B74114 (467840)			0.002
B74115 (467841)			0.002
B74116 (467842)			0.001
B74117 (467843)			<0.001
B74118 (467844)			<0.001
B74119 (467845)			0.002
B74120 (467846)			0.001
B74121 (467847)			0.001
B74122 (467848)			0.002
B74123 (467849)			0.003
B74124 (467850)			0.003
B74125 (467851)			0.004
B74126 (467852)			0.535

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T509346

PROJECT: AGAT00757

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 23, 2019

DATE REPORTED: Sep 10, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
B74127 (467853)			0.007
B74128 (467854)			0.009
B74129 (467855)			0.005
B74130 (467856)			0.003
B74131 (467857)			0.003
B74132 (467858)			0.001
B74133 (467859)			0.002
B74134 (467860)			0.014
B74135 (467861)			0.003
B74136 (467862)			0.006
B74137 (467863)			0.014
B74138 (467864)			0.012
B74139 (467865)			0.006
B74140 (467866)			0.007
B74141 (467867)			0.009
B74142 (467868)			0.011
B74143 (467869)			0.044
B74144 (467870)			0.344
B74145 (467871)			0.067
B74146 (467872)			1.23
B74147 (467873)			0.156
B74148 (467874)			0.040
B74149 (467875)			0.029
B74150 (467876)			0.022
B74151 (467877)			0.008
B74152 (467878)			0.002
B74153 (467879)			0.036
B74154 (467880)			0.006
B74155 (467881)			0.006
B74156 (467882)			0.008
B74157 (467883)			0.008
B74158 (467884)			0.010

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T509346

PROJECT: AGAT00757

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 23, 2019

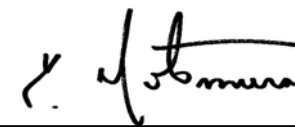
DATE REPORTED: Sep 10, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
B74159 (467885)			0.018
B74160 (467886)			0.006
B74161 (467887)			0.008
B74162 (467888)			0.006
B74163 (467889)			0.015
B74164 (467890)			0.055
B74165 (467891)			0.014
B74166 (467892)			1.19

 Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T509346

PROJECT: AGAT00757

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 22, 2019

DATE RECEIVED: Aug 23, 2019

DATE REPORTED: Sep 10, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
B74095 (467821)		86.51
B74114 (467840)		84.43
B74134 (467860)		89.47
B74154 (467880)		87.95

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	467821	0.42	0.50	17.4%	467835	< 0.5	< 0.5	0.0%	467846	< 0.5	< 0.5	0.0%	467860	1.22	1.37	11.6%
Al	467821	6.43	6.19	3.8%	467835	8.25	8.51	3.1%	467846	8.16	8.22	0.7%	467860	7.68	7.57	1.4%
As	467821	3	2		467835	< 1	< 1	0.0%	467846	< 1	< 1	0.0%	467860	< 1	2	
Ba	467821	256	247	3.6%	467835	249	256	2.8%	467846	496	496	0.0%	467860	507	660	26.2%
Be	467821	2.2	2.2	0.0%	467835	0.66	0.64	3.1%	467846	1.2	1.2	0.0%	467860	1.0	1.0	0.0%
Bi	467821	< 1	< 1	0.0%	467835	< 1	< 1	0.0%	467846	< 1	< 1	0.0%	467860	< 1	< 1	0.0%
Ca	467821	1.60	1.58	1.3%	467835	1.57	1.61	2.5%	467846	2.10	2.15	2.4%	467860	1.98	1.97	0.5%
Cd	467821	< 0.5	< 0.5	0.0%	467835	< 0.5	< 0.5	0.0%	467846	< 0.5	< 0.5	0.0%	467860	< 0.5	< 0.5	0.0%
Ce	467821	64	62	3.2%	467835	34	34	0.0%	467846	77	79	2.6%	467860	43	48	11.0%
Co	467821	5.56	5.18	7.1%	467835	8.93	9.26	3.6%	467846	6.44	7.40	13.9%	467860	9.62	10.1	4.9%
Cr	467821	94.2	78.8	17.8%	467835	93.3	93.2	0.1%	467846	85.1	86.0	1.1%	467860	163	156	4.4%
Cu	467821	11.3	10.7	5.5%	467835	20.6	20.9	1.4%	467846	10.1	10.6	4.8%	467860	179	172	4.0%
Fe	467821	1.87	1.80	3.8%	467835	2.69	2.78	3.3%	467846	2.30	2.33	1.3%	467860	3.92	3.88	1.0%
Ga	467821	14	13	7.4%	467835	18	19	5.4%	467846	19	19	0.0%	467860	20	21	4.9%
In	467821	< 1	< 1	0.0%	467835	< 1	< 1	0.0%	467846	< 1	< 1	0.0%	467860	< 1	< 1	0.0%
K	467821	1.30	1.24	4.7%	467835	1.37	1.44	5.0%	467846	1.51	1.51	0.0%	467860	2.07	2.03	2.0%
La	467821	31	29	6.7%	467835	17	17	0.0%	467846	34	34	0.0%	467860	20	22	9.5%
Li	467821	50	48	4.1%	467835	43	45	4.5%	467846	32	32	0.0%	467860	39	38	2.6%
Mg	467821	1.69	1.63	3.6%	467835	1.55	1.61	3.8%	467846	1.00	1.00	0.0%	467860	1.08	1.04	3.8%
Mn	467821	421	405	3.9%	467835	376	395	4.9%	467846	422	422	0.0%	467860	243	236	2.9%
Mo	467821	16.8	16.5	1.8%	467835	13.2	14.2	7.3%	467846	15.4	14.5	6.0%	467860	19.2	18.1	5.9%
Na	467821	3.23	3.19	1.2%	467835	3.74	3.86	3.2%	467846	3.13	3.17	1.3%	467860	1.87	1.87	0.0%
Ni	467821	20.3	18.2	10.9%	467835	15.7	16.0	1.9%	467846	9.5	9.7	2.1%	467860	8.8	8.9	1.1%
P	467821	452	478	5.6%	467835	621	627	1.0%	467846	752	759	0.9%	467860	440	443	0.7%
Pb	467821	< 20	< 20	0.0%	467835	< 20	< 20	0.0%	467846	< 20	< 20	0.0%	467860	< 20	< 20	0.0%
Rb	467821	< 50	< 50	0.0%	467835	< 50	< 50	0.0%	467846	< 50	< 50	0.0%	467860	< 50	< 50	0.0%
S	467821	0.06	0.06	0.0%	467835	0.217	0.212	2.3%	467846	0.121	0.135	10.9%	467860	2.73	2.67	2.2%
Sb	467821	< 1	< 1	0.0%	467835	< 1	< 1	0.0%	467846	< 1	< 1	0.0%	467860	< 1	< 1	0.0%
Sc	467821	6	6	0.0%	467835	7	7	0.0%	467846	5	5	0.0%	467860	5	5	0.0%
Se	467821	< 10	< 10	0.0%	467835	< 10	< 10	0.0%	467846	< 10	< 10	0.0%	467860	< 10	< 10	0.0%
Sn	467821	< 5	< 5	0.0%	467835	< 5	< 5	0.0%	467846	< 5	< 5	0.0%	467860	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	467821	183	181	1.1%	467835	130	134	3.0%	467846	291	296	1.7%	467860	167	167	0.0%
Ta	467821	< 10	< 10	0.0%	467835	< 10	< 10	0.0%	467846	< 10	< 10	0.0%	467860	< 10	< 10	0.0%
Te	467821	< 10	< 10	0.0%	467835	< 10	< 10	0.0%	467846	< 10	< 10	0.0%	467860	< 10	< 10	0.0%
Th	467821	< 5	< 5	0.0%	467835	< 5	< 5	0.0%	467846	< 5	< 5	0.0%	467860	< 5	< 5	0.0%
Ti	467821	0.18	0.18	0.0%	467835	0.26	0.27	3.8%	467846	0.21	0.21	0.0%	467860	0.15	0.15	0.0%
Tl	467821	< 5	< 5	0.0%	467835	< 5	< 5	0.0%	467846	< 5	< 5	0.0%	467860	< 5	< 5	0.0%
U	467821	< 50	< 50	0.0%	467835	< 50	< 50	0.0%	467846	< 50	< 50	0.0%	467860	< 50	< 50	0.0%
V	467821	32.7	32.4	0.9%	467835	48.4	50.1	3.5%	467846	40.5	40.0	1.2%	467860	39.2	39.7	1.3%
W	467821	< 1	< 1	0.0%	467835	< 1	< 1	0.0%	467846	< 1	< 1	0.0%	467860	< 1	< 1	0.0%
Y	467821	11	11	0.0%	467835	5	5	0.0%	467846	8	8	0.0%	467860	6	6	0.0%
Zn	467821	44.3	41.3	7.0%	467835	46.3	49.3	6.3%	467846	58.0	59.2	2.0%	467860	33.5	34.0	1.5%
Zr	467821	93	101	8.2%	467835	18	19	5.4%	467846	69	74	7.0%	467860	94	99	5.2%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	467871	0.6	0.6	0.0%	467885	1.39	1.30	6.7%								
Al	467871	4.99	5.09	2.0%	467885	8.71	8.62	1.0%								
As	467871	19	18	5.4%	467885	< 1	< 1	0.0%								
Ba	467871	737	800	8.2%	467885	1240	1230	0.8%								
Be	467871	< 0.5	< 0.5	0.0%	467885	1.05	1.01	3.9%								
Bi	467871	< 1	< 1	0.0%	467885	< 1	< 1	0.0%								
Ca	467871	0.314	0.317	1.0%	467885	2.24	2.20	1.8%								
Cd	467871	3.5	3.8	8.2%	467885	< 0.5	< 0.5	0.0%								
Ce	467871	28	29	3.5%	467885	36	40	10.5%								
Co	467871	5.9	5.7	3.4%	467885	28.2	29.6	4.8%								
Cr	467871	201	179	11.6%	467885	199	186	6.8%								
Cu	467871	31.1	33.0	5.9%	467885	73.4	73.9	0.7%								
Fe	467871	2.37	2.36	0.4%	467885	5.63	5.55	1.4%								
Ga	467871	13	13	0.0%	467885	19	19	0.0%								
In	467871	< 1	< 1	0.0%	467885	< 1	< 1	0.0%								
K	467871	1.60	1.62	1.2%	467885	1.86	1.85	0.5%								
La	467871	13	13	0.0%	467885	18	20	10.5%								
Li	467871	9	9	0.0%	467885	41	40	2.5%								
Mg	467871	0.27	0.27	0.0%	467885	1.35	1.34	0.7%								
Mn	467871	106	106	0.0%	467885	1190	1170	1.7%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	467871	25.2	23.2	8.3%	467885	15.2	15.5	2.0%								
Na	467871	0.505	0.508	0.6%	467885	1.93	1.90	1.6%								
Ni	467871	9.21	9.31	1.1%	467885	58.4	60.5	3.5%								
P	467871	363	378	4.0%	467885	453	458	1.1%								
Pb	467871	< 20	< 20	0.0%	467885	< 20	< 20	0.0%								
Rb	467871	< 50	< 50	0.0%	467885	< 50	< 50	0.0%								
S	467871	2.13	2.10	1.4%	467885	0.456	0.465	2.0%								
Sb	467871	< 1	< 1	0.0%	467885	< 1	< 1	0.0%								
Sc	467871	3	3	0.0%	467885	29	29	0.0%								
Se	467871	< 10	< 10	0.0%	467885	< 10	< 10	0.0%								
Sn	467871	< 5	< 5	0.0%	467885	< 5	< 5	0.0%								
Sr	467871	73	74	1.4%	467885	284	278	2.1%								
Ta	467871	< 10	< 10	0.0%	467885	< 10	< 10	0.0%								
Te	467871	< 10	< 10	0.0%	467885	< 10	< 10	0.0%								
Th	467871	< 5	< 5	0.0%	467885	< 5	< 5	0.0%								
Ti	467871	0.09	0.09	0.0%	467885	0.64	0.63	1.6%								
Tl	467871	< 5	< 5	0.0%	467885	< 5	< 5	0.0%								
U	467871	< 50	< 50	0.0%	467885	< 50	< 50	0.0%								
V	467871	26.3	26.1	0.8%	467885	207	210	1.4%								
W	467871	< 1	< 1	0.0%	467885	< 1	< 1	0.0%								
Y	467871	4	4	0.0%	467885	19	20	5.1%								
Zn	467871	655	695	5.9%	467885	116	115	0.9%								
Zr	467871	42	43	2.4%	467885	120	120	0.0%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	467821	0.002	0.001		467835	0.001	0.001	0.0%	467846	0.001	0.001	0.0%	467860	0.0144	0.0145	0.7%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	467871	0.067	0.071	5.8%	467885	0.0179	0.0134	28.8%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.1P5R)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP5G)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	3.06	101%	90% - 110%
Al	10.95	10.83	99%	90% - 110%	8.17	8.53	104%	90% - 110%	6.96	6.94	100%	90% - 110%	4.75	4.96	105%	90% - 110%
As					26	24	93%	90% - 110%	124	118	95%	90% - 110%				
Ba	340	325	96%	90% - 110%	540	540	100%	90% - 110%	186	179	96%	90% - 110%	216	208	96%	90% - 110%
Be	2.6	2.6	100%	90% - 110%	4.0	3.3	81%	90% - 110%								
Ca	5.72	5.59	98%	90% - 110%	0.907	0.917	101%	90% - 110%	4.01	3.85	96%	90% - 110%	10	9	91%	90% - 110%
Ce	122	123	101%	90% - 110%	98	104	107%	90% - 110%	24	23	95%	90% - 110%				
Co									22.1	20.8	94%	90% - 110%	191	173	91%	90% - 110%
Cr					60.3	55	91%	90% - 110%					670	632	94%	90% - 110%
Cu					150	151	101%	90% - 110%	88.6	81.3	92%	90% - 110%	7120	7352	103%	90% - 110%
Fe	4.34	4.11	95%	90% - 110%	3.77	3.76	100%	90% - 110%	7.56	7.24	96%	90% - 110%	12.71	11.81	93%	90% - 110%
Ga	35	35	100%	90% - 110%												
K	1.37	1.45	106%	90% - 110%					2.021	2.029	100%	90% - 110%	0.1021	0.111	109%	90% - 110%
La	58	57	98%	90% - 110%	44	45	103%	90% - 110%					8.47	8.2	97%	90% - 110%
Li	37	39	106%	90% - 110%	47	49	103%	90% - 110%								
Mg	0.325	0.293	90%	90% - 110%	1.10	1.12	102%	90% - 110%	2.412	2.438	101%	90% - 110%	7.41	7.6	103%	90% - 110%
Mn					780	774	99%	90% - 110%	1510	1434	95%	90% - 110%				
Mo					14	14	102%	90% - 110%								
Na	5.267	5.471	104%	90% - 110%	1.624	1.716	106%	90% - 110%	0.617	0.619	100%	90% - 110%	0.112	0.122	109%	90% - 110%
Ni	9	8	94%	90% - 110%	32	33	102%	90% - 110%	77.1	70	91%	90% - 110%	2480	2307	93%	90% - 110%
P					750	716	96%	90% - 110%	892	821	92%	90% - 110%	731	665	91%	90% - 110%
Pb	10	9	90%	90% - 110%	31	29	93%	90% - 110%								
S									0.348	0.325	93%	90% - 110%				
Sc	1.1	1	90%	90% - 110%	12	13	109%	90% - 110%					21.33	21.67	102%	90% - 110%
Sr	1191	1144	96%	90% - 110%	144	153	106%	90% - 110%	92.8	87.4	94%	90% - 110%	39	37	94%	90% - 110%
Ti	0.172	0.164	96%	90% - 110%	0.53	0.48	91%	90% - 110%					0.419	0.398	95%	90% - 110%
V	8	8	96%	90% - 110%	77	82	107%	90% - 110%					158	167	106%	90% - 110%
Y	119	130	109%	90% - 110%									12.67	13.42	106%	90% - 110%
Zn	93	93	100%	90% - 110%	130	127	98%	90% - 110%	208	206	99%	90% - 110%	112	112	100%	90% - 110%
Zr													35.7	37.7	106%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.1P5R)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP5G)				CRM #4 (ref.GS5W)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	1.81	1.75	97%	90% - 110%	6.87	6.73	98%	90% - 110%	0.562	0.55	98%	90% - 110%	5.27	5.47	104%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00757  
 SAMPLING SITE:

AGAT WORK ORDER: 19T509346  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE



CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00758

AGAT WORK ORDER: 19T510023

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 24, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T510023

PROJECT: AGAT00758

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 26, 2019

DATE RECEIVED: Aug 26, 2019

DATE REPORTED: Sep 24, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
B74167 (473643)		3.25
B74168 (473644)		2.67
B74169 (473645)		1.22
B74170 (473646)		2.28
B74171 (473647)		2.15
B74172 (473648)		0.63
B74173 (473649)		2.29
B74174 (473650)		2.34
B74175 (473651)		2.55
B74176 (473652)		2.25
B74177 (473653)		2.34
B74178 (473654)		2.34
B74179 (473655)		2.27
B74180 (473656)		2.33
B74181 (473657)		2.28
B74182 (473658)		2.31
B74183 (473659)		2.27
B74184 (473660)		1.17
B74185 (473661)		1.61
B74186 (473662)		0.06
B74187 (473663)		1.29
B74188 (473664)		2.19
B74189 (473665)		1.66
B74190 (473666)		0.76
B74191 (473667)		2.01
B74192 (473668)		0.61
B74193 (473669)		3.24
B74194 (473670)		1.50
B74195 (473671)		2.22
B74196 (473672)		2.68
B74197 (473673)		0.95

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T510023

PROJECT: AGAT00758

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 26, 2019      DATE RECEIVED: Aug 26, 2019      DATE REPORTED: Sep 24, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
B74198 (473674)		0.95
B74199 (473675)		2.69
B74200 (473676)		1.55
B74201 (473677)		3.29
B74202 (473678)		1.88
B74203 (473679)		2.25
B74204 (473680)		2.23
B74205 (473681)		2.29
B74206 (473682)		0.07
B74207 (473683)		2.22
B74208 (473684)		2.26
B74209 (473685)		2.41
B74210 (473686)		2.31
B74211 (473687)		2.82
B74212 (473688)		0.60
B74213 (473689)		2.52
B74214 (473690)		1.21
B74215 (473691)		2.28
B74216 (473692)		2.22
B74217 (473693)		2.26
B74218 (473694)		2.25
B74219 (473695)		2.28
B74220 (473696)		2.19
B74221 (473697)		2.23
B74222 (473698)		2.27
B74223 (473699)		1.91
B74224 (473700)		1.59
B74225 (473701)		2.75
B74226 (473702)		0.07
B74227 (473703)		2.21
B74228 (473704)		1.96

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T510023

PROJECT: AGAT00758

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 26, 2019

DATE RECEIVED: Aug 26, 2019

DATE REPORTED: Sep 24, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
B74229 (473705)		2.39
B74230 (473706)		2.44
B74231 (473707)		1.74
B74232 (473708)		0.58
B74233 (473709)		2.56
B74234 (473710)		1.66
B74235 (473711)		2.81
B74236 (473712)		2.61
B74237 (473713)		1.82
B74238 (473714)		1.81

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T510023

PROJECT: AGAT00758

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FAX (905)501-0589  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 26, 2019	DATE RECEIVED: Aug 26, 2019							DATE REPORTED: Sep 24, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
B74167 (473643)	1.2	8.33	<1	905	1.0	<1	2.53	<0.5	44	24.6	107	58.8	5.02	19	
B74168 (473644)	<0.5	2.30	<1	573	1.4	<1	5.95	<0.5	94	62.2	717	115	8.92	10	
B74169 (473645)	1.9	8.13	<1	1080	1.1	<1	1.97	<0.5	43	23.7	91.6	91.4	6.33	20	
B74170 (473646)	1.1	7.90	<1	848	1.1	<1	2.12	<0.5	40	17.8	80.2	66.5	4.86	17	
B74171 (473647)	1.1	8.13	<1	825	1.0	<1	2.26	<0.5	43	19.6	81.9	53.9	5.49	18	
B74172 (473648)	<0.5	0.07	<1	15	<0.5	<1	29.8	<0.5	<1	0.6	4.6	<0.5	0.10	<5	
B74173 (473649)	1.7	8.05	<1	921	1.2	<1	2.31	<0.5	44	27.1	103	90.2	5.94	18	
B74174 (473650)	1.5	8.67	<1	949	0.9	<1	2.21	<0.5	59	23.2	92.3	68.4	6.10	20	
B74175 (473651)	1.4	7.94	<1	857	4.3	<1	2.01	<0.5	46	18.9	80.1	60.9	4.95	19	
B74176 (473652)	1.4	7.83	<1	958	1.8	<1	1.83	<0.5	60	13.9	68.4	60.0	3.64	17	
B74177 (473653)	1.4	7.23	<1	774	2.9	<1	1.41	<0.5	46	14.8	68.9	78.6	4.01	17	
B74178 (473654)	1.6	7.36	<1	789	2.9	<1	1.46	<0.5	44	15.4	72.1	81.9	4.13	17	
B74179 (473655)	1.8	8.16	<1	847	1.3	<1	1.70	<0.5	45	21.3	105	77.9	5.31	20	
B74180 (473656)	1.8	8.32	<1	763	2.9	<1	2.05	<0.5	54	21.3	87.9	68.7	5.04	20	
B74181 (473657)	1.6	8.71	<1	649	1.4	<1	2.22	<0.5	51	23.4	256	49.8	5.06	20	
B74182 (473658)	0.9	8.76	<1	507	1.0	<1	2.12	<0.5	66	20.6	223	18.8	4.36	20	
B74183 (473659)	0.9	8.96	<1	816	1.1	<1	2.18	<0.5	56	22.4	115	14.1	4.60	19	
B74184 (473660)	1.3	8.18	<1	985	2.0	<1	2.73	<0.5	61	20.3	85.7	40.9	4.36	18	
B74185 (473661)	3.5	8.74	<1	871	1.6	<1	1.89	<0.5	48	19.0	86.3	77.9	5.11	21	
B74186 (473662)	<0.5	7.17	2	81	<0.5	<1	7.01	<0.5	8	36.0	180	155	7.25	14	
B74187 (473663)	1.7	5.81	<1	1310	0.8	<1	0.36	<0.5	29	5.3	25.8	33.9	2.09	13	
B74188 (473664)	1.3	5.17	3	1150	0.7	<1	0.16	<0.5	28	4.2	36.4	24.8	1.57	12	
B74189 (473665)	1.2	7.69	2	1330	0.9	<1	0.22	<0.5	13	1.5	13.7	13.0	1.08	19	
B74190 (473666)	0.7	6.37	5	2760	0.7	<1	0.24	<0.5	29	1.4	14.4	10.1	1.04	11	
B74191 (473667)	3.8	8.19	2	646	1.3	<1	1.19	<0.5	41	38.5	74.6	66.7	5.41	22	
B74192 (473668)	<0.5	0.07	<1	19	<0.5	<1	32.9	<0.5	<1	<0.5	2.8	<0.5	0.09	<5	
B74193 (473669)	1.6	7.71	<1	708	1.2	<1	1.38	<0.5	36	18.6	50.4	22.3	4.07	17	
B74194 (473670)	1.6	6.74	<1	1080	1.1	<1	1.03	<0.5	25	8.8	27.7	31.9	2.54	14	
B74195 (473671)	1.9	8.52	<1	661	1.7	<1	1.85	<0.5	38	20.6	104	57.5	5.76	21	
B74196 (473672)	1.5	8.78	<1	717	1.7	<1	2.23	<0.5	44	21.8	66.3	32.2	5.12	19	
B74197 (473673)	1.5	6.92	2	1380	1.0	<1	0.73	<0.5	30	6.9	21.8	35.9	2.05	14	
B74198 (473674)	1.6	6.67	<1	1380	1.0	<1	0.72	<0.5	30	6.5	21.2	36.0	1.90	14	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T510023

PROJECT: AGAT00758

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 26, 2019	DATE RECEIVED: Aug 26, 2019							DATE REPORTED: Sep 24, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
B74199 (473675)	2.0	8.65	<1	1050	1.2	<1	1.74	<0.5	36	21.1	75.6	27.7	5.00	19	
B74200 (473676)	2.2	5.48	2	1470	0.6	<1	0.50	<0.5	32	8.0	30.0	34.0	2.50	12	
B74201 (473677)	2.2	7.83	<1	424	1.5	<1	2.05	<0.5	34	6.5	18.6	22.7	2.50	18	
B74202 (473678)	2.7	6.97	6	717	1.1	<1	1.32	<0.5	24	2.3	19.5	36.9	1.45	13	
B74203 (473679)	4.1	6.66	18	516	1.0	<1	1.06	0.5	34	6.3	24.0	81.5	2.67	15	
B74204 (473680)	2.4	5.36	23	730	1.1	<1	0.43	1.6	26	5.1	28.6	62.0	2.47	13	
B74205 (473681)	1.9	6.23	41	1080	1.2	<1	0.48	1.3	29	4.1	34.3	75.2	2.42	14	
B74206 (473682)	<0.5	7.24	3	84	<0.5	<1	7.24	<0.5	8	36.0	188	157	7.46	15	
B74207 (473683)	1.7	5.31	17	710	0.5	<1	0.36	0.8	31	5.3	26.6	65.2	2.46	13	
B74208 (473684)	3.2	4.39	14	543	0.7	<1	0.35	3.6	24	4.7	30.0	133	2.60	11	
B74209 (473685)	3.3	4.56	15	536	0.9	<1	0.39	0.6	23	4.8	31.1	143	2.26	10	
B74210 (473686)	4.3	7.33	9	939	0.7	<1	0.28	0.8	20	5.4	25.3	166	2.78	18	
B74211 (473687)	3.8	5.85	6	802	0.5	<1	0.39	<0.5	23	6.9	24.4	161	3.42	14	
B74212 (473688)	<0.5	0.05	<1	15	<0.5	<1	32.4	<0.5	<1	<0.5	3.5	<0.5	0.09	<5	
B74213 (473689)	<0.5	1.91	<1	154	<0.5	<1	0.39	<0.5	17	2.0	46.0	11.6	0.97	<5	
B74214 (473690)	0.7	7.20	<1	847	1.2	<1	2.19	<0.5	43	5.8	36.4	41.8	2.84	17	
B74215 (473691)	<0.5	6.97	3	824	1.9	<1	2.70	<0.5	51	7.6	36.7	66.3	2.80	15	
B74216 (473692)	0.5	6.96	1	482	2.3	<1	1.70	<0.5	27	4.4	21.8	66.0	2.13	15	
B74217 (473693)	<0.5	7.21	<1	447	0.9	<1	1.78	<0.5	28	4.1	21.8	57.1	2.06	15	
B74218 (473694)	0.5	7.33	<1	454	0.9	<1	1.80	<0.5	29	3.8	30.4	59.3	2.09	15	
B74219 (473695)	0.6	6.98	<1	516	0.8	<1	1.72	<0.5	27	5.0	18.3	90.0	2.76	16	
B74220 (473696)	<0.5	6.97	<1	520	0.9	<1	1.85	<0.5	27	4.0	18.3	111	2.73	15	
B74221 (473697)	0.7	7.15	<1	553	1.2	<1	1.70	<0.5	28	5.3	17.9	220	3.46	16	
B74222 (473698)	0.7	6.99	<1	507	0.8	<1	1.25	<0.5	30	4.1	20.2	140	2.88	16	
B74223 (473699)	0.5	7.87	<1	485	1.0	<1	1.63	<0.5	32	5.0	13.5	80.0	2.68	18	
B74224 (473700)	1.0	5.64	4	306	<0.5	<1	0.57	<0.5	3	33.9	22.8	83.8	1.98	10	
B74225 (473701)	<0.5	5.88	3	328	<0.5	<1	0.38	<0.5	3	3.1	25.8	44.9	0.93	10	
B74226 (473702)	<0.5	7.18	<1	138	<0.5	<1	6.50	<0.5	9	36.0	174	152	7.82	15	
B74227 (473703)	0.6	7.10	<1	381	<0.5	<1	0.42	<0.5	2	4.1	16.6	46.2	0.86	12	
B74228 (473704)	<0.5	7.19	2	358	<0.5	<1	0.56	<0.5	18	3.3	23.6	27.1	0.79	13	
B74229 (473705)	<0.5	8.57	<1	566	1.6	<1	1.68	<0.5	82	12.8	53.2	26.0	3.20	20	
B74230 (473706)	<0.5	8.62	<1	481	1.1	<1	1.73	<0.5	93	15.6	69.1	30.0	3.75	22	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T510023

PROJECT: AGAT00758

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MISSISSAUGA, ONTARIO  
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TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 26, 2019	DATE RECEIVED: Aug 26, 2019							DATE REPORTED: Sep 24, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
B74231 (473707)	1.0	5.97	<1	123	0.6	<1	0.84	<0.5	72	8.4	85.6	36.8	2.92	20	
B74232 (473708)	<0.5	0.07	1	11	<0.5	<1	29.5	<0.5	<1	0.6	5.6	<0.5	0.10	<5	
B74233 (473709)	<0.5	8.39	<1	635	1.3	<1	2.09	<0.5	80	13.5	69.2	28.2	3.26	19	
B74234 (473710)	0.8	8.40	<1	653	1.5	<1	2.05	<0.5	50	8.9	34.9	58.7	3.21	20	
B74235 (473711)	0.6	7.30	2	149	0.7	<1	0.92	<0.5	7	2.8	29.2	33.2	0.88	15	
B74236 (473712)	<0.5	7.46	3	265	0.5	<1	0.64	<0.5	4	0.9	18.8	14.0	0.50	14	
B74237 (473713)	0.5	7.70	<1	497	3.0	<1	1.81	<0.5	28	3.3	17.0	90.3	2.25	18	
B74238 (473714)	0.6	7.67	<1	486	2.8	<1	1.77	<0.5	25	3.3	16.8	85.8	2.21	17	

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T510023

PROJECT: AGAT00758

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 26, 2019

DATE RECEIVED: Aug 26, 2019

DATE REPORTED: Sep 24, 2019

SAMPLE TYPE: Drill Core

Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
B74167 (473643)	<1	1.92	19	30	1.53	936	2.7	2.30	62.8	535	<20	<50	0.48	<1
B74168 (473644)	<1	1.97	43	22	12.6	1270	1.9	0.88	652	1440	<20	<50	0.23	<1
B74169 (473645)	<1	2.16	19	63	1.64	849	3.3	2.46	64.7	556	<20	<50	0.73	<1
B74170 (473646)	<1	1.52	18	31	1.23	731	2.2	1.96	45.6	484	<20	<50	0.34	<1
B74171 (473647)	<1	1.59	19	39	1.39	808	2.8	2.01	51.8	478	<20	<50	0.23	<1
B74172 (473648)	<1	0.01	2	1	2.81	116	<0.5	0.05	0.7	66	<20	<50	0.04	1
B74173 (473649)	<1	1.90	20	39	1.53	950	3.9	2.08	67.3	451	<20	<50	0.51	<1
B74174 (473650)	<1	1.88	27	50	1.51	862	2.2	2.15	65.2	613	<20	<50	0.30	<1
B74175 (473651)	<1	2.23	20	39	1.37	865	3.0	2.48	54.2	717	<20	<50	0.39	<1
B74176 (473652)	<1	1.70	28	38	1.07	463	2.7	2.74	45.3	606	<20	<50	0.40	<1
B74177 (473653)	<1	1.57	21	33	1.06	619	6.1	2.16	41.9	522	<20	<50	0.48	<1
B74178 (473654)	<1	1.60	20	34	1.10	623	4.8	2.21	49.4	506	<20	<50	0.54	<1
B74179 (473655)	<1	2.49	21	47	1.44	694	2.6	2.35	64.6	509	<20	<50	0.58	<1
B74180 (473656)	<1	2.14	24	44	1.45	748	4.5	2.56	73.3	786	<20	<50	0.49	<1
B74181 (473657)	<1	2.20	22	50	1.54	909	11.9	2.59	61.7	526	<20	<50	0.35	<1
B74182 (473658)	<1	2.45	29	64	1.75	560	12.9	2.60	73.3	621	<20	<50	0.15	<1
B74183 (473659)	<1	2.55	26	57	1.68	714	4.4	2.81	90.3	513	<20	<50	0.14	<1
B74184 (473660)	<1	2.24	28	29	1.53	740	2.4	3.62	63.6	2720	<20	<50	0.56	<1
B74185 (473661)	<1	2.28	22	37	1.58	659	2.7	2.86	55.9	533	<20	<50	1.34	<1
B74186 (473662)	<1	0.24	3	15	4.47	1250	1.8	1.66	94.8	316	<20	<50	0.21	<1
B74187 (473663)	<1	1.95	13	7	0.12	124	2.3	0.70	7.4	404	<20	<50	0.77	<1
B74188 (473664)	<1	1.67	13	22	0.08	102	2.7	0.35	5.4	436	<20	<50	0.59	<1
B74189 (473665)	<1	2.38	6	10	0.13	82	1.9	0.61	4.0	113	<20	<50	0.34	<1
B74190 (473666)	<1	3.89	13	10	0.16	108	1.6	1.00	5.1	232	30	<50	0.29	<1
B74191 (473667)	<1	4.16	19	59	2.09	781	1.8	1.53	61.6	455	27	<50	1.79	<1
B74192 (473668)	<1	0.02	2	1	2.12	100	<0.5	0.03	3.3	70	<20	<50	0.04	<1
B74193 (473669)	<1	2.52	16	40	1.62	868	2.0	2.01	47.6	497	<20	<50	0.66	<1
B74194 (473670)	<1	1.85	11	22	0.48	280	3.0	1.71	17.9	270	<20	<50	0.70	<1
B74195 (473671)	<1	2.57	17	66	1.72	852	8.9	2.64	66.1	481	<20	<50	1.03	<1
B74196 (473672)	<1	2.38	20	56	1.44	812	2.3	2.65	53.8	543	<20	<50	0.54	<1
B74197 (473673)	<1	2.61	15	22	0.19	155	2.6	1.36	11.9	316	<20	<50	0.70	<1
B74198 (473674)	<1	2.72	15	22	0.20	140	2.4	1.36	13.2	319	<20	<50	0.69	<1

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T510023

PROJECT: AGAT00758

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 26, 2019	DATE RECEIVED: Aug 26, 2019					DATE REPORTED: Sep 24, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
B74199 (473675)	<1	2.78	16	47	1.59	1080	1.6	2.53	50.7	450	<20	<50	0.82	<1	
B74200 (473676)	<1	2.26	15	18	0.39	191	1.8	0.86	13.9	455	<20	<50	0.96	<1	
B74201 (473677)	<1	1.34	16	25	1.06	399	1.7	2.58	6.2	501	<20	<50	0.81	<1	
B74202 (473678)	<1	1.76	12	15	0.62	241	1.7	2.32	6.2	310	<20	<50	0.66	<1	
B74203 (473679)	<1	1.76	16	24	0.78	294	2.3	1.75	26.7	316	<20	<50	1.65	<1	
B74204 (473680)	<1	2.79	12	23	0.26	143	3.5	1.28	7.0	362	<20	<50	1.78	<1	
B74205 (473681)	<1	3.74	15	38	0.22	140	2.9	1.30	6.6	434	28	<50	1.75	<1	
B74206 (473682)	<1	0.24	3	15	4.54	1260	2.0	1.70	98.1	328	<20	<50	0.21	<1	
B74207 (473683)	<1	1.75	15	9	0.50	201	2.8	0.74	6.7	357	<20	<50	1.81	<1	
B74208 (473684)	<1	2.08	11	13	0.30	197	3.2	0.85	6.8	245	27	<50	1.68	<1	
B74209 (473685)	<1	1.71	10	35	0.26	171	4.2	1.16	4.8	351	<20	<50	1.34	<1	
B74210 (473686)	<1	3.30	9	20	0.49	222	2.8	0.93	5.9	202	<20	<50	1.45	<1	
B74211 (473687)	<1	3.28	10	15	0.26	170	3.0	1.22	5.7	254	22	<50	1.72	<1	
B74212 (473688)	<1	0.01	<2	<1	2.72	128	<0.5	0.03	0.8	65	<20	<50	0.05	<1	
B74213 (473689)	<1	1.92	7	2	0.12	116	3.1	0.41	5.1	57	28	<50	0.19	<1	
B74214 (473690)	<1	1.88	21	27	1.43	507	1.7	2.94	13.7	452	<20	<50	0.51	<1	
B74215 (473691)	<1	2.04	24	21	1.35	542	2.3	2.70	14.2	316	<20	<50	0.70	<1	
B74216 (473692)	<1	1.17	13	20	0.94	383	2.0	2.27	4.1	321	<20	<50	0.61	<1	
B74217 (473693)	<1	1.21	13	25	0.99	360	2.0	2.26	3.4	355	<20	<50	0.50	<1	
B74218 (473694)	<1	1.22	14	26	1.02	363	2.0	2.28	4.8	360	<20	<50	0.52	<1	
B74219 (473695)	<1	1.35	13	38	1.24	434	2.2	2.05	6.0	348	<20	<50	0.73	<1	
B74220 (473696)	<1	1.38	13	36	1.23	438	1.9	2.28	3.9	288	<20	<50	0.73	<1	
B74221 (473697)	<1	1.59	13	40	1.43	445	2.0	2.38	4.6	330	<20	<50	1.22	<1	
B74222 (473698)	<1	1.23	15	20	1.07	329	2.1	2.34	3.6	384	<20	<50	1.06	1	
B74223 (473699)	<1	1.57	16	31	1.10	384	2.7	3.40	4.0	354	<20	<50	0.71	<1	
B74224 (473700)	<1	4.79	<2	2	0.15	113	2.4	1.49	7.1	118	46	<50	1.28	<1	
B74225 (473701)	<1	4.81	<2	1	0.05	61	2.5	1.65	5.3	136	41	<50	0.40	1	
B74226 (473702)	<1	0.20	3	13	4.43	1350	1.4	2.29	82.0	377	<20	<50	0.15	<1	
B74227 (473703)	<1	5.74	<2	<1	0.01	49	1.5	2.19	3.4	170	48	<50	0.33	<1	
B74228 (473704)	<1	5.03	8	4	0.09	78	1.4	2.39	7.8	216	46	<50	0.22	<1	
B74229 (473705)	<1	2.04	37	46	1.12	468	2.0	3.80	38.4	636	<20	<50	0.16	<1	
B74230 (473706)	<1	2.07	42	60	1.26	560	1.8	3.58	47.3	656	<20	<50	0.18	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T510023

PROJECT: AGAT00758

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 26, 2019	DATE RECEIVED: Aug 26, 2019					DATE REPORTED: Sep 24, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
B74231 (473707)	<1	1.55	30	44	0.94	352	15.8	2.51	43.0	161	<20	<50	0.20	<1	
B74232 (473708)	<1	0.01	<2	2	3.89	104	<0.5	0.05	1.2	78	<20	<50	0.04	<1	
B74233 (473709)	<1	2.10	37	56	1.29	495	2.3	3.24	38.5	705	<20	<50	0.19	<1	
B74234 (473710)	<1	1.92	23	48	1.30	478	2.7	3.48	16.4	598	<20	<50	0.55	<1	
B74235 (473711)	<1	2.74	4	3	0.10	90	1.9	3.51	2.4	166	35	<50	0.25	<1	
B74236 (473712)	<1	4.63	2	2	0.04	61	1.4	2.87	1.7	190	43	<50	0.11	<1	
B74237 (473713)	<1	1.45	13	39	1.18	514	1.3	3.32	2.9	378	<20	<50	0.50	<1	
B74238 (473714)	<1	1.45	12	39	1.16	506	1.5	3.26	3.3	367	<20	<50	0.46	<1	

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PROJECT: AGAT00758

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ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 26, 2019

DATE RECEIVED: Aug 26, 2019

DATE REPORTED: Sep 24, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
B74167 (473643)	26	<10	<5	315	<10	<10	<5	0.65	<5	<50	192	<1	18	105
B74168 (473644)	19	<10	<5	589	<10	<10	<5	1.94	<5	<50	231	<1	16	79.5
B74169 (473645)	27	<10	<5	277	<10	<10	<5	0.60	<5	<50	196	<1	18	120
B74170 (473646)	20	<10	<5	263	<10	<10	<5	0.46	<5	<50	134	<1	15	80.2
B74171 (473647)	23	<10	<5	279	<10	<10	<5	0.49	<5	<50	161	<1	17	84.0
B74172 (473648)	<1	<10	<5	66	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	5.0
B74173 (473649)	25	<10	<5	271	<10	<10	<5	0.52	<5	<50	180	<1	17	102
B74174 (473650)	25	<10	<5	297	<10	<10	<5	0.51	<5	<50	175	<1	19	97.7
B74175 (473651)	19	<10	<5	344	<10	<10	<5	0.39	<5	<50	132	<1	14	100
B74176 (473652)	15	<10	<5	414	<10	<10	<5	0.32	<5	<50	105	<1	10	73.7
B74177 (473653)	16	<10	<5	304	<10	<10	<5	0.33	<5	<50	105	<1	11	88.5
B74178 (473654)	16	<10	<5	314	<10	<10	<5	0.35	<5	<50	112	<1	11	90.9
B74179 (473655)	22	<10	<5	321	<10	<10	<5	0.48	<5	<50	162	<1	13	98.7
B74180 (473656)	22	<10	<5	320	<10	<10	<5	0.48	<5	<50	154	<1	14	103
B74181 (473657)	24	<10	<5	321	<10	<10	<5	0.53	<5	<50	177	<1	16	96.2
B74182 (473658)	20	<10	<5	303	<10	<10	<5	0.43	<5	<50	147	<1	10	92.8
B74183 (473659)	22	<10	<5	294	<10	<10	<5	0.42	<5	<50	154	<1	10	88.5
B74184 (473660)	18	<10	<5	378	<10	<10	6	0.24	<5	<50	108	<1	13	141
B74185 (473661)	25	<10	<5	249	<10	<10	<5	0.45	<5	<50	176	<1	9	149
B74186 (473662)	42	<10	<5	172	<10	<10	<5	0.58	<5	<50	275	<1	20	76.0
B74187 (473663)	2	<10	<5	107	<10	<10	<5	0.08	<5	<50	18.9	<1	4	17.8
B74188 (473664)	2	<10	<5	62	<10	<10	<5	0.07	<5	<50	14.3	<1	4	11.5
B74189 (473665)	4	<10	<5	72	<10	<10	<5	0.13	<5	<50	26.3	<1	2	14.2
B74190 (473666)	3	<10	<5	184	<10	<10	<5	0.06	<5	<50	15.9	<1	3	17.5
B74191 (473667)	21	<10	<5	148	<10	<10	<5	0.47	<5	<50	170	<1	7	211
B74192 (473668)	<1	<10	<5	74	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	2.3
B74193 (473669)	21	<10	<5	153	<10	<10	<5	0.48	<5	<50	152	<1	8	140
B74194 (473670)	8	<10	<5	156	<10	<10	<5	0.17	<5	<50	51.2	<1	4	47.8
B74195 (473671)	26	<10	<5	216	<10	<10	<5	0.58	<5	<50	191	<1	8	166
B74196 (473672)	22	<10	<5	234	<10	<10	<5	0.58	<5	<50	167	<1	11	109
B74197 (473673)	4	<10	<5	137	<10	<10	<5	0.11	<5	<50	30.7	<1	4	26.6
B74198 (473674)	4	<10	<5	136	<10	<10	<5	0.11	<5	<50	29.7	<1	4	27.2

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T510023

PROJECT: AGAT00758

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 26, 2019

DATE RECEIVED: Aug 26, 2019

DATE REPORTED: Sep 24, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
B74199 (473675)	25	<10	<5	165	<10	<10	<5	0.54	<5	<50	178	<1	10	123
B74200 (473676)	5	<10	<5	91	<10	<10	<5	0.12	<5	<50	39.4	<1	5	36.4
B74201 (473677)	6	<10	<5	146	<10	<10	<5	0.20	<5	<50	49.5	<1	6	76.8
B74202 (473678)	4	<10	<5	145	<10	<10	<5	0.08	<5	<50	16.9	<1	3	62.2
B74203 (473679)	5	<10	<5	114	<10	<10	<5	0.11	<5	<50	28.9	<1	4	90.3
B74204 (473680)	3	<10	<5	73	<10	<10	<5	0.06	<5	<50	21.7	<1	4	218
B74205 (473681)	3	<10	<5	99	<10	<10	<5	0.06	<5	<50	24.1	<1	5	125
B74206 (473682)	42	<10	<5	176	<10	<10	<5	0.60	<5	<50	277	<1	20	78.2
B74207 (473683)	3	<10	<5	67	<10	<10	<5	0.09	<5	<50	21.6	<1	4	85.4
B74208 (473684)	2	<10	<5	64	<10	<10	<5	0.06	<5	<50	18.9	<1	3	676
B74209 (473685)	2	<10	<5	71	<10	<10	<5	0.05	<5	<50	15.6	<1	5	84.0
B74210 (473686)	4	<10	<5	98	<10	<10	<5	0.12	<5	<50	28.8	<1	2	106
B74211 (473687)	3	<10	<5	97	<10	<10	<5	0.06	<5	<50	21.3	<1	3	48.1
B74212 (473688)	<1	<10	<5	72	<10	<10	<5	<0.01	<5	<50	0.6	<1	2	2.1
B74213 (473689)	1	<10	<5	42	<10	<10	7	<0.01	<5	<50	5.7	<1	1	66.1
B74214 (473690)	9	<10	<5	241	<10	<10	<5	0.17	<5	<50	39.8	<1	6	99.3
B74215 (473691)	7	<10	<5	267	<10	<10	<5	0.14	<5	<50	37.3	<1	6	86.2
B74216 (473692)	4	<10	<5	228	<10	<10	<5	0.15	<5	<50	24.1	<1	4	32.1
B74217 (473693)	4	<10	<5	248	<10	<10	<5	0.16	<5	<50	25.4	<1	4	40.4
B74218 (473694)	4	<10	<5	249	<10	<10	<5	0.16	<5	<50	25.8	<1	4	33.7
B74219 (473695)	3	<10	<5	220	<10	<10	<5	0.16	<5	<50	26.2	<1	4	38.8
B74220 (473696)	3	<10	<5	228	<10	<10	<5	0.14	<5	<50	23.2	<1	4	35.3
B74221 (473697)	3	<10	<5	221	<10	<10	<5	0.15	<5	<50	25.0	<1	4	44.7
B74222 (473698)	3	<10	<5	188	<10	<10	<5	0.16	<5	<50	25.8	<1	4	30.4
B74223 (473699)	4	<10	<5	221	<10	<10	<5	0.15	<5	<50	25.5	<1	4	39.4
B74224 (473700)	2	<10	<5	88	<10	<10	<5	<0.01	<5	<50	5.8	<1	1	25.7
B74225 (473701)	<1	<10	<5	86	<10	<10	<5	<0.01	<5	<50	2.4	<1	<1	8.5
B74226 (473702)	45	<10	<5	112	<10	<10	<5	0.66	<5	<50	303	<1	22	80.4
B74227 (473703)	<1	<10	<5	107	<10	<10	<5	<0.01	<5	<50	1.0	<1	1	5.4
B74228 (473704)	1	<10	<5	115	<10	<10	9	0.02	<5	<50	6.6	<1	4	13.7
B74229 (473705)	13	<10	<5	469	<10	<10	<5	0.30	<5	<50	92.0	<1	11	93.0
B74230 (473706)	16	<10	<5	484	<10	<10	<5	0.38	<5	<50	118	<1	12	119

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T510023

PROJECT: AGAT00758

5623 McADAM ROAD  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 26, 2019	DATE RECEIVED: Aug 26, 2019					DATE REPORTED: Sep 24, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Sample ID (AGAT ID)															
B74231 (473707)	10	<10	<5	148	<10	<10	17	0.20	<5	<50	52.4	<1	10	147	
B74232 (473708)	<1	<10	<5	61	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	4.0	
B74233 (473709)	12	<10	<5	587	<10	<10	<5	0.34	<5	<50	93.8	<1	10	89.4	
B74234 (473710)	10	<10	<5	312	<10	<10	<5	0.32	<5	<50	75.5	<1	8	110	
B74235 (473711)	1	<10	<5	84	<10	<10	<5	0.02	<5	<50	4.0	<1	2	13.6	
B74236 (473712)	<1	<10	<5	90	<10	<10	<5	<0.01	<5	<50	1.3	<1	1	6.9	
B74237 (473713)	4	<10	<5	195	<10	<10	<5	0.13	<5	<50	23.0	<1	5	42.1	
B74238 (473714)	4	<10	<5	192	<10	<10	<5	0.13	<5	<50	22.2	<1	5	40.9	

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## Certificate of Analysis

AGAT WORK ORDER: 19T510023

PROJECT: AGAT00758

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 26, 2019

DATE RECEIVED: Aug 26, 2019

DATE REPORTED: Sep 24, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
B74167 (473643)				120
B74168 (473644)				178
B74169 (473645)				121
B74170 (473646)				109
B74171 (473647)				109
B74172 (473648)				<5
B74173 (473649)				102
B74174 (473650)				129
B74175 (473651)				101
B74176 (473652)				117
B74177 (473653)				98
B74178 (473654)				96
B74179 (473655)				95
B74180 (473656)				105
B74181 (473657)				114
B74182 (473658)				116
B74183 (473659)				110
B74184 (473660)				92
B74185 (473661)				108
B74186 (473662)				47
B74187 (473663)				60
B74188 (473664)				54
B74189 (473665)				94
B74190 (473666)				52
B74191 (473667)				85
B74192 (473668)				<5
B74193 (473669)				90
B74194 (473670)				65
B74195 (473671)				90
B74196 (473672)				113
B74197 (473673)				68
B74198 (473674)				69

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## Certificate of Analysis

AGAT WORK ORDER: 19T510023

PROJECT: AGAT00758

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 26, 2019

DATE RECEIVED: Aug 26, 2019

DATE REPORTED: Sep 24, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
B74199 (473675)				90
B74200 (473676)				57
B74201 (473677)				101
B74202 (473678)				52
B74203 (473679)				62
B74204 (473680)				47
B74205 (473681)				44
B74206 (473682)				49
B74207 (473683)				38
B74208 (473684)				31
B74209 (473685)				44
B74210 (473686)				60
B74211 (473687)				48
B74212 (473688)				<5
B74213 (473689)				33
B74214 (473690)				66
B74215 (473691)				55
B74216 (473692)				63
B74217 (473693)				62
B74218 (473694)				66
B74219 (473695)				65
B74220 (473696)				59
B74221 (473697)				65
B74222 (473698)				58
B74223 (473699)				62
B74224 (473700)				83
B74225 (473701)				19
B74226 (473702)				57
B74227 (473703)				56
B74228 (473704)				28
B74229 (473705)				96
B74230 (473706)				122

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AGAT WORK ORDER: 19T510023

PROJECT: AGAT00758

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 26, 2019

DATE RECEIVED: Aug 26, 2019

DATE REPORTED: Sep 24, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
B74231 (473707)	179
B74232 (473708)	<5
B74233 (473709)	104
B74234 (473710)	120
B74235 (473711)	58
B74236 (473712)	54
B74237 (473713)	69
B74238 (473714)	70

Comments: RDL - Reported Detection Limit

473643-473714 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T510023

PROJECT: AGAT00758

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 26, 2019      DATE RECEIVED: Aug 26, 2019      DATE REPORTED: Sep 24, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
B74167 (473643)		0.037	
B74168 (473644)		0.007	
B74169 (473645)		0.139	
B74170 (473646)		0.017	
B74171 (473647)		0.010	
B74172 (473648)		0.001	
B74173 (473649)		0.178	
B74174 (473650)		0.016	
B74175 (473651)		0.065	
B74176 (473652)		0.024	
B74177 (473653)		0.023	
B74178 (473654)		0.023	
B74179 (473655)		0.033	
B74180 (473656)		0.025	
B74181 (473657)		0.014	
B74182 (473658)		0.022	
B74183 (473659)		0.010	
B74184 (473660)		0.020	
B74185 (473661)		0.322	
B74186 (473662)		1.25	
B74187 (473663)		0.018	
B74188 (473664)		0.010	
B74189 (473665)		0.007	
B74190 (473666)		0.007	
B74191 (473667)		0.039	
B74192 (473668)		0.001	
B74193 (473669)		0.045	
B74194 (473670)		0.013	
B74195 (473671)		0.021	
B74196 (473672)		0.012	
B74197 (473673)		0.012	
B74198 (473674)		0.012	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T510023

PROJECT: AGAT00758

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 26, 2019

DATE RECEIVED: Aug 26, 2019

DATE REPORTED: Sep 24, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
B74199 (473675)			0.017
B74200 (473676)			0.013
B74201 (473677)			0.036
B74202 (473678)			0.026
B74203 (473679)			0.043
B74204 (473680)			0.188
B74205 (473681)			0.124
B74206 (473682)			1.21
B74207 (473683)			0.034
B74208 (473684)			0.617
B74209 (473685)			0.161
B74210 (473686)			0.088
B74211 (473687)			0.053
B74212 (473688)			0.001
B74213 (473689)			0.008
B74214 (473690)			0.009
B74215 (473691)			0.008
B74216 (473692)			0.007
B74217 (473693)			0.005
B74218 (473694)			0.006
B74219 (473695)			0.009
B74220 (473696)			0.009
B74221 (473697)			0.012
B74222 (473698)			0.009
B74223 (473699)			0.008
B74224 (473700)			0.018
B74225 (473701)			0.009
B74226 (473702)			0.526
B74227 (473703)			0.012
B74228 (473704)			0.005
B74229 (473705)			0.011
B74230 (473706)			0.005

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AGAT WORK ORDER: 19T510023

PROJECT: AGAT00758

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 26, 2019

DATE RECEIVED: Aug 26, 2019

DATE REPORTED: Sep 24, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
B74231 (473707)			0.011
B74232 (473708)			0.001
B74233 (473709)			0.006
B74234 (473710)			0.010
B74235 (473711)			0.007
B74236 (473712)			0.005
B74237 (473713)			0.008
B74238 (473714)			0.009

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T510023

PROJECT: AGAT00758

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 26, 2019

DATE RECEIVED: Aug 26, 2019

DATE REPORTED: Sep 24, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
B74168 (473644)		86.48
B74185 (473661)		87.88
B74205 (473681)		85.20
B74225 (473701)		84.80

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	473643	1.15	1.08	6.3%	473657	1.60	1.25	24.6%	473668	< 0.5	< 0.5	0.0%	473681	1.92	2.06	7.0%
Al	473643	8.33	8.19	1.7%	473657	8.71	8.70	0.1%	473668	0.067	0.064	4.6%	473681	6.23	6.29	1.0%
As	473643	< 1	< 1	0.0%	473657	< 1	< 1	0.0%	473668	< 1	< 1	0.0%	473681	41	41	0.0%
Ba	473643	905	891	1.6%	473657	649	645	0.6%	473668	19	19	0.0%	473681	1080	1090	0.9%
Be	473643	1.0	1.0	0.0%	473657	1.4	1.4	0.0%	473668	< 0.5	< 0.5	0.0%	473681	1.2	1.2	0.0%
Bi	473643	< 1	< 1	0.0%	473657	< 1	< 1	0.0%	473668	< 1	< 1	0.0%	473681	< 1	< 1	0.0%
Ca	473643	2.53	2.50	1.2%	473657	2.22	2.19	1.4%	473668	32.9	33.1	0.6%	473681	0.48	0.48	0.0%
Cd	473643	< 0.5	< 0.5	0.0%	473657	< 0.5	< 0.5	0.0%	473668	< 0.5	< 0.5	0.0%	473681	1.3	1.4	7.4%
Ce	473643	44	48	8.7%	473657	51	49	4.0%	473668	< 1	< 1	0.0%	473681	29	28	3.5%
Co	473643	24.6	24.4	0.8%	473657	23.4	22.8	2.6%	473668	< 0.5	0.6		473681	4.1	4.0	2.5%
Cr	473643	107	108	0.9%	473657	256	223	13.8%	473668	2.84	3.03	6.5%	473681	34.3	32.3	6.0%
Cu	473643	58.8	58.5	0.5%	473657	49.8	50.1	0.6%	473668	< 0.5	< 0.5	0.0%	473681	75.2	77.5	3.0%
Fe	473643	5.02	4.99	0.6%	473657	5.06	5.07	0.2%	473668	0.09	0.09	0.0%	473681	2.42	2.42	0.0%
Ga	473643	19	18	5.4%	473657	20	20	0.0%	473668	< 5	< 5	0.0%	473681	14	14	0.0%
In	473643	< 1	< 1	0.0%	473657	< 1	< 1	0.0%	473668	< 1	< 1	0.0%	473681	< 1	< 1	0.0%
K	473643	1.92	1.90	1.0%	473657	2.20	2.20	0.0%	473668	0.02	0.02	0.0%	473681	3.74	3.63	3.0%
La	473643	19	20	5.1%	473657	22	22	0.0%	473668	2	2	0.0%	473681	15	14	6.9%
Li	473643	30	30	0.0%	473657	50	50	0.0%	473668	1	1	0.0%	473681	38	38	0.0%
Mg	473643	1.53	1.51	1.3%	473657	1.54	1.54	0.0%	473668	2.12	2.11	0.5%	473681	0.221	0.225	1.8%
Mn	473643	936	915	2.3%	473657	909	923	1.5%	473668	100	99	1.0%	473681	140	139	0.7%
Mo	473643	2.7	2.7	0.0%	473657	11.9	11.7	1.7%	473668	< 0.5	< 0.5	0.0%	473681	2.9	3.0	3.4%
Na	473643	2.30	2.30	0.0%	473657	2.59	2.54	1.9%	473668	0.03	0.03	0.0%	473681	1.30	1.30	0.0%
Ni	473643	62.8	63.7	1.4%	473657	61.7	60.1	2.6%	473668	3.3	2.8	16.4%	473681	6.6	8.0	19.2%
P	473643	535	540	0.9%	473657	526	536	1.9%	473668	70	63	10.5%	473681	434	433	0.2%
Pb	473643	< 20	< 20	0.0%	473657	< 20	< 20	0.0%	473668	< 20	< 20	0.0%	473681	28	27	3.6%
Rb	473643	< 50	< 50	0.0%	473657	< 50	< 50	0.0%	473668	< 50	< 50	0.0%	473681	< 50	< 50	0.0%
S	473643	0.476	0.454	4.7%	473657	0.348	0.341	2.0%	473668	0.04	0.04	0.0%	473681	1.75	1.76	0.6%
Sb	473643	< 1	< 1	0.0%	473657	< 1	< 1	0.0%	473668	< 1	< 1	0.0%	473681	< 1	< 1	0.0%
Sc	473643	26	26	0.0%	473657	24	24	0.0%	473668	< 1	< 1	0.0%	473681	3	3	0.0%
Se	473643	< 10	< 10	0.0%	473657	< 10	< 10	0.0%	473668	< 10	< 10	0.0%	473681	< 10	< 10	0.0%
Sn	473643	< 5	< 5	0.0%	473657	< 5	< 5	0.0%	473668	< 5	< 5	0.0%	473681	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	473643	315	315	0.0%	473657	321	316	1.6%	473668	74	75	1.3%	473681	99	99	0.0%
Ta	473643	< 10	< 10	0.0%	473657	< 10	< 10	0.0%	473668	< 10	< 10	0.0%	473681	< 10	< 10	0.0%
Te	473643	< 10	< 10	0.0%	473657	< 10	< 10	0.0%	473668	< 10	< 10	0.0%	473681	< 10	< 10	0.0%
Th	473643	< 5	< 5	0.0%	473657	< 5	< 5	0.0%	473668	< 5	< 5	0.0%	473681	< 5	< 5	0.0%
Ti	473643	0.654	0.660	0.9%	473657	0.53	0.53	0.0%	473668	< 0.01	< 0.01	0.0%	473681	0.064	0.066	3.1%
Tl	473643	< 5	< 5	0.0%	473657	< 5	< 5	0.0%	473668	< 5	< 5	0.0%	473681	< 5	< 5	0.0%
U	473643	< 50	< 50	0.0%	473657	< 50	< 50	0.0%	473668	< 50	< 50	0.0%	473681	< 50	< 50	0.0%
V	473643	192	191	0.5%	473657	177	174	1.7%	473668	1.03	1.07	3.8%	473681	24.1	24.0	0.4%
W	473643	< 1	< 1	0.0%	473657	< 1	< 1	0.0%	473668	< 1	< 1	0.0%	473681	< 1	< 1	0.0%
Y	473643	18	18	0.0%	473657	16	16	0.0%	473668	2	2	0.0%	473681	5	5	0.0%
Zn	473643	105	104	1.0%	473657	96.2	95.6	0.6%	473668	2.31	2.35	1.7%	473681	125	126	0.8%
Zr	473643	120	124	3.3%	473657	114	113	0.9%	473668	< 5	< 5	0.0%	473681	44	45	2.2%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	473693	0.5	0.5	0.0%	473707	1.0	1.0	0.0%								
Al	473693	7.21	7.25	0.6%	473707	5.97	5.87	1.7%								
As	473693	< 1	< 1	0.0%	473707	< 1	< 1	0.0%								
Ba	473693	447	451	0.9%	473707	123	121	1.6%								
Be	473693	0.9	0.9	0.0%	473707	0.6	0.6	0.0%								
Bi	473693	< 1	< 1	0.0%	473707	< 1	< 1	0.0%								
Ca	473693	1.78	1.74	2.3%	473707	0.841	0.832	1.1%								
Cd	473693	< 0.5	< 0.5	0.0%	473707	< 0.5	< 0.5	0.0%								
Ce	473693	28	30	6.9%	473707	72	71	1.4%								
Co	473693	4.1	4.0	2.5%	473707	8.39	7.91	5.9%								
Cr	473693	21.8	19.2	12.7%	473707	85.6	83.3	2.7%								
Cu	473693	57.1	55.5	2.8%	473707	36.8	38.0	3.2%								
Fe	473693	2.06	2.02	2.0%	473707	2.92	2.83	3.1%								
Ga	473693	15	15	0.0%	473707	20	20	0.0%								
In	473693	< 1	< 1	0.0%	473707	< 1	< 1	0.0%								
K	473693	1.21	1.22	0.8%	473707	1.55	1.51	2.6%								
La	473693	13	15	14.3%	473707	30	30	0.0%								
Li	473693	25	26	3.9%	473707	44	42	4.7%								
Mg	473693	0.992	1.01	1.8%	473707	0.941	0.914	2.9%								
Mn	473693	360	358	0.6%	473707	352	343	2.6%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	473693	1.95	1.72	12.5%	473707	15.8	13.8	13.5%								
Na	473693	2.26	2.21	2.2%	473707	2.51	2.50	0.4%								
Ni	473693	3.43	3.23	6.0%	473707	43.0	43.5	1.2%								
P	473693	355	370	4.1%	473707	161	166	3.1%								
Pb	473693	< 20	< 20	0.0%	473707	18	20	10.5%								
Rb	473693	< 50	< 50	0.0%	473707	< 50	< 50	0.0%								
S	473693	0.50	0.48	4.1%	473707	0.20	0.20	0.0%								
Sb	473693	< 1	< 1	0.0%	473707	< 1	< 1	0.0%								
Sc	473693	4	4	0.0%	473707	10	10	0.0%								
Se	473693	< 10	< 10	0.0%	473707	< 10	< 10	0.0%								
Sn	473693	< 5	< 5	0.0%	473707	< 5	< 5	0.0%								
Sr	473693	248	242	2.4%	473707	148	147	0.7%								
Ta	473693	< 10	< 10	0.0%	473707	< 10	< 10	0.0%								
Te	473693	< 10	< 10	0.0%	473707	< 10	< 10	0.0%								
Th	473693	< 5	< 5	0.0%	473707	17	18	5.7%								
Ti	473693	0.16	0.16	0.0%	473707	0.198	0.194	2.0%								
Tl	473693	< 5	< 5	0.0%	473707	< 5	< 5	0.0%								
U	473693	< 50	< 50	0.0%	473707	< 50	< 50	0.0%								
V	473693	25.4	26.3	3.5%	473707	52.4	51.7	1.3%								
W	473693	< 1	< 1	0.0%	473707	< 1	< 1	0.0%								
Y	473693	4	4	0.0%	473707	10	9	10.5%								
Zn	473693	40.4	34.8	14.9%	473707	147	144	2.1%								
Zr	473693	62	64	3.2%	473707	179	179	0.0%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	473643	0.037	0.029	24.2%	473657	0.0142	0.0150	5.5%	473668	0.006	0.004		473681	0.124	0.122	1.6%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	473693	0.005	0.005	0.0%	473707	0.0107	0.0090	17.3%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.1P5R)				CRM #3 (ref.GS4H)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	3.26	108%	90% - 110%
Al	10.95	10.58	97%	90% - 110%	8.17	8.19	100%	90% - 110%	6.96	6.72	97%	90% - 110%	4.75	4.91	103%	90% - 110%
As					26	27	102%	90% - 110%	124	113	91%	90% - 110%				
Ba	340	313	92%	90% - 110%	540	487	90%	90% - 110%	186	174	93%	90% - 110%	216	204	94%	90% - 110%
Be	2.6	2.6	100%	90% - 110%	4.0	3.2	80%	90% - 110%								
Ca	5.72	5.4	94%	90% - 110%	0.907	0.857	94%	90% - 110%	4.01	3.7	92%	90% - 110%	10	9	91%	90% - 110%
Ce	122	119	98%	90% - 110%	98	98	100%	90% - 110%	24	23	95%	90% - 110%				
Co									22.1	20	90%	90% - 110%	191	173	90%	90% - 110%
Cr					60.3	61.8	102%	90% - 110%					670	639	95%	90% - 110%
Cu					150	146	97%	90% - 110%	88.6	83.4	94%	90% - 110%	7120	7292	102%	90% - 110%
Fe	4.34	3.99	92%	90% - 110%	3.77	3.65	97%	90% - 110%	7.56	7.11	94%	90% - 110%	12.71	11.87	93%	90% - 110%
Ga	35	32	92%	90% - 110%												
K	1.37	1.42	104%	90% - 110%					2.021	2.014	100%	90% - 110%	0.1021	0.1106	108%	90% - 110%
La	58	55	95%	90% - 110%	44	43	97%	90% - 110%					8.47	8.26	97%	90% - 110%
Li	37	39	107%	90% - 110%	47	49	104%	90% - 110%								
Mg	0.325	0.294	91%	90% - 110%	1.10	1.07	98%	90% - 110%	2.412	2.413	100%	90% - 110%	7.41	7.66	103%	90% - 110%
Mn					780	739	95%	90% - 110%	1510	1381	91%	90% - 110%				
Mo					14	13	94%	90% - 110%								
Na	5.267	5.42	103%	90% - 110%	1.624	1.699	105%	90% - 110%	0.617	0.628	102%	90% - 110%	0.112	0.121	108%	90% - 110%
Ni					32	35	109%	90% - 110%	77.1	71.6	93%	90% - 110%	2480	2363	95%	90% - 110%
P					750	704	94%	90% - 110%	892	821	92%	90% - 110%	731	666	91%	90% - 110%
Pb	10	9	90%	90% - 110%	31	29	93%	90% - 110%								
S									0.348	0.316	91%	90% - 110%				
Sb													1.8	2.2	124%	90% - 110%
Sc	1.1	1	90%	90% - 110%	12	12	103%	90% - 110%					21.33	21.51	101%	90% - 110%
Sr	1191	1160	97%	90% - 110%	144	153	106%	90% - 110%	92.8	87.1	94%	90% - 110%	39	39	100%	90% - 110%
Ti	0.172	0.165	96%	90% - 110%	0.53	0.48	90%	90% - 110%					0.419	0.411	98%	90% - 110%
V	8	7	92%	90% - 110%	77	79	102%	90% - 110%					158	167	106%	90% - 110%
Y	119	123	104%	90% - 110%									12.67	13.2	104%	90% - 110%
Zn	93	90	97%	90% - 110%	130	117	90%	90% - 110%	208	201	97%	90% - 110%	112	114	102%	90% - 110%
Zr													35.7	39.2	110%	90% - 110%





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.1P5R)				CRM #3 (ref.GS4H)				CRM #4 (ref.1P5R)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.34	92%	90% - 110%	1.81	1.8	100%	90% - 110%	5.01	5.33	106%	90% - 110%	1.81	1.81	100%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00758  
 SAMPLING SITE:

AGAT WORK ORDER: 19T510023  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00759

AGAT WORK ORDER: 19T511650

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 20, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T511650

PROJECT: AGAT00759

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
B74239 (482682)		2.35
B74240 (482683)		1.76
B74241 (482684)		2.31
B74242 (482685)		2.23
B74243 (482686)		2.28
B74244 (482687)		2.12
B74245 (482688)		2.26
B74246 (482689)		0.07
B74247 (482690)		2.26
B74248 (482691)		2.35
B74249 (482692)		2.20
B74250 (482693)		2.21
B74251 (482694)		2.39
B74252 (482695)		0.68
B74253 (482696)		2.20
B74254 (482697)		2.22
B74255 (482698)		2.51
B74256 (482699)		2.36
B74257 (482700)		2.87
B74258 (482701)		2.87
B74259 (482702)		1.06
B74260 (482703)		1.94
B74261 (482704)		2.30
B74262 (482705)		2.56
B74263 (482706)		2.73
B74264 (482707)		1.31
B74265 (482708)		2.80
B74266 (482709)		0.06
B74267 (482710)		1.84
B74268 (482711)		1.05
B74269 (482712)		1.65

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T511650

PROJECT: AGAT00759

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 28, 2019      DATE RECEIVED: Aug 29, 2019      DATE REPORTED: Sep 20, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
B74270 (482713)		2.38
B74271 (482714)		2.31
B74272 (482715)		0.67
B74273 (482716)		2.34
B74274 (482717)		2.11
B74275 (482718)		0.93
B74276 (482719)		1.77
B74277 (482720)		2.36
B74278 (482721)		2.36
B74279 (482722)		2.75
B74280 (482723)		0.78
B74281 (482724)		1.02
B74282 (482725)		2.29
B74283 (482726)		2.22
B74284 (482727)		2.37
B74285 (482728)		2.44
B74286 (482729)		0.07
B74287 (482730)		2.09
B74288 (482731)		3.08
B74289 (482732)		2.04
B74290 (482733)		1.12
B74291 (482734)		3.63
B74292 (482735)		0.49
B74293 (482736)		2.40
B74294 (482737)		2.11
B74295 (482738)		2.37
B74296 (482739)		2.41
B74297 (482740)		2.73
B74298 (482741)		2.73
B74299 (482742)		2.38
B74300 (482743)		2.42

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T511650

PROJECT: AGAT00759

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
B74301 (482744)		2.21
B74302 (482745)		1.19
B74303 (482746)		1.99
B74304 (482747)		1.38
B74305 (482748)		2.18
B74306 (482749)		0.07
B74307 (482750)		2.34
B74308 (482751)		1.36
B74309 (482752)		1.72
B74310 (482753)		2.13

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T511650

PROJECT: AGAT00759

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 28, 2019	DATE RECEIVED: Aug 29, 2019							DATE REPORTED: Sep 20, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
B74239 (482682)	<0.5	7.53	1	597	1.8	<1	1.58	<0.5	31	4.4	5.7	107	2.25	18	
B74240 (482683)	<0.5	7.70	4	623	2.3	<1	1.76	<0.5	30	5.1	11.1	87.7	2.35	19	
B74241 (482684)	0.6	7.96	<1	637	1.4	<1	2.18	0.6	40	8.8	11.3	75.9	2.49	19	
B74242 (482685)	<0.5	6.75	<1	443	1.5	<1	1.51	<0.5	32	5.4	10.7	21.3	2.24	16	
B74243 (482686)	<0.5	7.86	2	491	1.2	<1	1.61	<0.5	45	5.4	10.7	18.1	2.21	18	
B74244 (482687)	<0.5	4.43	18	270	1.6	<1	2.51	<0.5	825	2.7	22.5	3.5	1.93	10	
B74245 (482688)	<0.5	7.48	4	444	1.5	<1	1.62	<0.5	134	4.4	12.9	2.5	2.13	18	
B74246 (482689)	<0.5	7.38	2	82	0.6	<1	7.40	0.6	<1	40.3	161	158	7.52	16	
B74247 (482690)	<0.5	6.49	4	275	1.3	<1	1.14	<0.5	54	0.5	6.5	4.1	1.20	14	
B74248 (482691)	0.7	6.39	1	244	1.4	<1	0.97	<0.5	53	0.5	9.4	4.0	1.16	14	
B74249 (482692)	<0.5	5.50	7	352	2.0	<1	1.60	<0.5	263	2.4	15.6	1.4	1.75	13	
B74250 (482693)	<0.5	5.04	7	193	1.2	<1	2.54	<0.5	358	4.8	30.2	<0.5	2.37	12	
B74251 (482694)	<0.5	6.43	3	261	1.6	<1	0.91	<0.5	51	1.5	8.4	15.4	1.47	15	
B74252 (482695)	<0.5	0.07	<1	17	<0.5	<1	34.6	<0.5	<1	0.6	0.8	<0.5	0.10	<5	
B74253 (482696)	<0.5	6.42	2	222	1.3	<1	1.03	<0.5	58	<0.5	9.2	10.6	1.24	14	
B74254 (482697)	<0.5	6.57	<1	257	1.5	<1	0.94	<0.5	56	<0.5	7.5	6.8	1.19	15	
B74255 (482698)	<0.5	6.47	1	243	2.0	<1	1.07	<0.5	56	1.3	8.9	4.8	1.37	13	
B74256 (482699)	<0.5	6.36	4	153	2.2	<1	0.76	<0.5	48	0.6	6.0	<0.5	1.17	14	
B74257 (482700)	<0.5	7.06	2	218	1.0	<1	0.39	<0.5	37	1.3	7.5	1.6	1.61	23	
B74258 (482701)	<0.5	7.40	<1	205	1.0	<1	0.47	<0.5	43	1.9	9.2	2.4	1.87	23	
B74259 (482702)	<0.5	7.29	<1	124	1.3	<1	0.46	<0.5	39	4.3	12.6	<0.5	2.73	24	
B74260 (482703)	<0.5	5.74	1	142	1.6	<1	0.37	<0.5	50	0.6	7.9	<0.5	1.30	13	
B74261 (482704)	<0.5	6.10	1	390	2.6	<1	0.86	<0.5	44	2.7	10.4	2.3	1.73	14	
B74262 (482705)	<0.5	6.62	2	185	2.0	<1	0.50	<0.5	34	5.8	11.9	<0.5	2.30	14	
B74263 (482706)	<0.5	5.65	1	180	1.6	<1	0.77	<0.5	42	3.4	15.9	<0.5	2.03	13	
B74264 (482707)	<0.5	7.30	3	105	1.0	<1	1.18	<0.5	20	0.8	5.1	2.7	0.89	18	
B74265 (482708)	<0.5	7.40	<1	216	1.5	<1	1.19	<0.5	40	8.5	15.5	1.3	3.50	20	
B74266 (482709)	<0.5	7.31	<1	140	0.7	<1	6.90	<0.5	<1	40.3	133	151	8.27	17	
B74267 (482710)	<0.5	7.59	<1	301	1.5	<1	1.09	<0.5	51	6.6	10.3	6.7	3.21	23	
B74268 (482711)	<0.5	7.32	4	351	1.4	<1	1.08	<0.5	55	2.5	7.0	10.9	1.13	23	
B74269 (482712)	<0.5	7.57	2	297	1.3	<1	1.21	<0.5	54	4.8	8.7	9.7	2.11	18	
B74270 (482713)	<0.5	7.40	2	325	1.6	<1	1.10	<0.5	48	4.7	9.6	<0.5	2.01	17	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T511650

PROJECT: AGAT00759

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
B74271 (482714)		<0.5	7.85	<1	436	2.0	<1	1.37	<0.5	51	4.8	11.8	<0.5	2.10	18
B74272 (482715)		<0.5	0.08	2	16	<0.5	<1	32.9	<0.5	<1	0.8	0.9	<0.5	0.10	<5
B74273 (482716)		<0.5	7.76	<1	791	1.6	<1	1.34	<0.5	56	5.6	11.8	<0.5	2.32	19
B74274 (482717)		<0.5	7.41	<1	462	1.4	<1	1.36	<0.5	43	6.1	13.4	1.6	2.41	17
B74275 (482718)		0.7	3.10	<1	671	4.5	<1	7.97	<0.5	141	66.1	347	105	11.2	20
B74276 (482719)		<0.5	7.44	<1	414	1.4	<1	1.40	<0.5	45	5.4	8.9	<0.5	2.19	16
B74277 (482720)		<0.5	7.34	4	593	1.6	<1	1.33	<0.5	45	4.5	8.1	<0.5	2.19	16
B74278 (482721)		<0.5	7.33	5	668	1.5	<1	1.39	<0.5	49	5.0	10.8	<0.5	2.23	17
B74279 (482722)		<0.5	7.52	3	716	1.5	<1	1.64	<0.5	45	4.6	12.6	0.8	2.25	17
B74280 (482723)		0.9	4.80	<1	1340	6.4	<1	6.51	<0.5	126	35.0	140	78.9	7.65	19
B74281 (482724)		<0.5	7.64	1	1370	1.8	<1	2.00	<0.5	45	4.3	9.6	12.3	2.27	17
B74282 (482725)		<0.5	7.02	<1	810	1.6	<1	1.33	<0.5	43	6.4	11.7	10.0	2.29	16
B74283 (482726)		<0.5	7.59	<1	899	1.8	<1	2.01	<0.5	54	9.2	19.0	12.5	4.06	21
B74284 (482727)		0.6	6.85	<1	905	3.7	<1	2.96	<0.5	64	15.0	37.9	29.3	3.99	20
B74285 (482728)		<0.5	7.92	1	449	1.3	<1	2.16	<0.5	41	8.1	19.1	14.5	2.91	16
B74286 (482729)		<0.5	7.24	<1	144	0.7	<1	7.01	<0.5	<1	41.8	141	156	8.41	17
B74287 (482730)		<0.5	7.95	<1	475	2.4	<1	1.23	<0.5	41	11.5	14.4	17.3	3.25	17
B74288 (482731)		<0.5	7.60	<1	613	1.7	<1	1.31	<0.5	36	7.6	18.8	7.9	2.82	17
B74289 (482732)		<0.5	7.33	<1	408	1.5	<1	1.24	<0.5	38	3.1	9.6	<0.5	1.74	19
B74290 (482733)		<0.5	7.57	<1	335	1.1	<1	1.41	<0.5	35	4.0	8.9	2.4	1.78	18
B74291 (482734)		<0.5	7.81	2	388	1.1	<1	1.31	<0.5	54	5.8	10.4	6.6	2.35	18
B74292 (482735)		<0.5	0.09	<1	16	<0.5	<1	33.2	<0.5	<1	0.6	0.6	<0.5	0.10	<5
B74293 (482736)		<0.5	7.45	3	405	1.6	<1	1.62	<0.5	64	4.9	11.4	4.3	2.02	17
B74294 (482737)		<0.5	7.74	1	392	1.6	<1	1.29	<0.5	49	5.9	10.0	3.0	2.34	18
B74295 (482738)		<0.5	7.67	4	316	1.5	<1	1.27	<0.5	50	5.9	8.3	9.2	2.50	17
B74296 (482739)		<0.5	7.69	2	280	1.1	<1	1.42	<0.5	59	5.1	8.4	13.6	2.12	18
B74297 (482740)		<0.5	7.45	1	263	1.3	<1	1.24	<0.5	58	5.9	10.5	10.5	2.28	18
B74298 (482741)		<0.5	7.65	<1	274	1.2	<1	1.24	<0.5	79	5.9	8.3	10.1	2.34	19
B74299 (482742)		<0.5	7.76	2	1060	1.3	<1	1.87	<0.5	79	8.0	10.1	16.2	2.98	19
B74300 (482743)		<0.5	7.41	2	601	2.9	<1	1.32	<0.5	44	7.7	10.1	9.1	2.96	16
B74301 (482744)		<0.5	7.49	<1	500	1.5	<1	1.60	<0.5	40	8.8	14.3	8.8	3.03	17
B74302 (482745)		0.7	7.91	1	584	2.4	<1	1.38	<0.5	45	9.2	11.9	14.9	3.02	20

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T511650

PROJECT: AGAT00759

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 28, 2019	DATE RECEIVED: Aug 29, 2019							DATE REPORTED: Sep 20, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
B74303 (482746)	0.5	7.02	3	924	3.8	<1	1.10	<0.5	40	9.1	15.3	19.3	3.25	19	
B74304 (482747)	<0.5	6.55	1	424	1.8	<1	1.52	<0.5	46	<0.5	8.0	<0.5	1.39	14	
B74305 (482748)	<0.5	7.28	3	987	1.7	<1	1.78	<0.5	44	6.9	10.5	7.3	3.01	16	
B74306 (482749)	<0.5	7.25	<1	141	0.7	<1	6.83	<0.5	<1	40.7	132	152	8.20	17	
B74307 (482750)	<0.5	7.17	4	1350	2.0	<1	2.70	<0.5	69	6.1	16.0	3.7	2.91	16	
B74308 (482751)	<0.5	7.36	3	870	2.7	<1	1.10	<0.5	42	4.6	7.0	3.6	2.20	16	
B74309 (482752)	<0.5	7.67	<1	794	2.2	<1	1.56	<0.5	40	6.0	11.7	10.4	2.55	17	
B74310 (482753)	0.6	6.80	3	1530	3.1	<1	1.03	<0.5	38	8.0	12.0	26.6	3.30	21	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
B74239 (482682)		<1	1.45	15	28	1.08	415	1.7	2.42	7.4	369	<20	81	0.42	<1
B74240 (482683)		<1	2.28	14	28	0.97	433	4.5	2.85	8.3	384	<20	89	0.53	<1
B74241 (482684)		<1	1.28	20	20	1.08	312	3.6	2.98	9.3	357	62	58	0.73	<1
B74242 (482685)		<1	1.36	16	27	1.04	311	3.5	2.51	9.2	487	<20	<50	0.43	<1
B74243 (482686)		<1	1.66	22	18	0.88	355	2.1	3.33	8.4	425	<20	51	0.14	<1
B74244 (482687)		4	2.14	348	4	0.89	396	4.5	1.84	11.3	64	<20	<50	0.02	<1
B74245 (482688)		<1	1.39	57	22	0.71	348	3.0	3.28	7.0	316	<20	<50	0.03	<1
B74246 (482689)		<1	0.23	3	14	4.47	1270	2.1	1.57	97.0	344	<20	<50	0.22	<1
B74247 (482690)		<1	0.88	25	10	0.48	226	2.2	2.94	2.4	47	<20	<50	0.03	<1
B74248 (482691)		<1	1.27	24	25	0.66	185	9.1	2.59	5.4	75	<20	<50	0.03	<1
B74249 (482692)		<1	2.87	113	69	0.95	329	2.6	1.39	9.5	424	<20	71	0.01	<1
B74250 (482693)		<1	3.31	151	30	1.05	479	2.5	0.59	18.3	634	<20	65	0.01	1
B74251 (482694)		<1	1.74	23	24	0.81	213	3.6	2.59	4.2	107	<20	54	0.07	<1
B74252 (482695)		<1	0.01	<2	<1	2.30	109	<0.5	0.04	0.9	76	<20	<50	0.05	<1
B74253 (482696)		<1	1.25	26	8	0.56	186	2.3	2.78	2.0	64	<20	<50	0.06	<1
B74254 (482697)		<1	1.37	25	18	0.56	188	2.3	2.76	2.0	56	<20	<50	0.03	<1
B74255 (482698)		<1	1.75	25	21	0.99	255	7.3	2.59	4.0	102	<20	68	0.03	<1
B74256 (482699)		<1	1.33	22	20	0.95	230	3.9	2.53	2.1	66	<20	68	<0.01	<1
B74257 (482700)		<1	3.50	15	19	0.59	245	1.7	1.83	3.6	114	22	130	0.02	<1
B74258 (482701)		<1	3.61	19	21	0.72	290	2.4	2.08	4.5	140	22	140	0.03	<1
B74259 (482702)		<1	2.94	18	47	1.89	539	2.5	1.85	10.8	177	<20	188	0.01	<1
B74260 (482703)		<1	1.95	23	44	1.30	297	3.2	1.42	1.4	63	<20	105	<0.01	<1
B74261 (482704)		<1	2.02	20	34	1.49	347	3.5	1.91	6.0	1000	<20	114	0.04	<1
B74262 (482705)		<1	2.48	17	25	2.53	304	5.0	1.75	9.8	271	<20	175	0.02	<1
B74263 (482706)		<1	2.06	19	49	1.81	344	4.7	1.46	5.8	362	<20	118	0.02	2
B74264 (482707)		<1	0.78	9	4	0.23	127	1.6	3.82	1.8	162	<20	<50	0.03	<1
B74265 (482708)		<1	2.18	20	41	2.05	585	1.5	2.63	16.0	253	<20	120	0.05	<1
B74266 (482709)		<1	0.20	3	12	4.38	1360	1.5	2.19	83.9	394	<20	<50	0.16	<1
B74267 (482710)		<1	2.34	25	39	1.58	450	1.3	2.88	10.6	244	<20	160	0.07	<1
B74268 (482711)		<1	3.72	24	6	0.42	182	1.5	2.45	4.6	260	<20	106	0.08	<1
B74269 (482712)		<1	1.68	26	15	1.06	287	1.7	2.80	5.8	344	<20	97	0.11	<1
B74270 (482713)		<1	1.71	23	23	1.29	264	1.8	2.66	5.9	362	<20	87	0.02	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T511650

PROJECT: AGAT00759

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 28, 2019	DATE RECEIVED: Aug 29, 2019					DATE REPORTED: Sep 20, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
B74271 (482714)	<1	1.69	25	23	1.33	286	1.6	3.11	6.6	375	<20	84	0.02	<1	
B74272 (482715)	<1	0.02	2	1	1.91	110	<0.5	0.04	<0.5	86	<20	<50	0.04	<1	
B74273 (482716)	<1	2.07	27	48	1.62	339	1.8	2.84	8.6	545	<20	92	0.02	<1	
B74274 (482717)	<1	1.84	22	54	1.75	373	2.3	2.79	10.2	429	<20	78	0.02	<1	
B74275 (482718)	<1	1.81	75	15	9.03	1600	4.3	1.42	378	3180	<20	78	0.24	<1	
B74276 (482719)	<1	1.66	24	53	1.43	305	4.2	2.83	6.5	347	<20	63	0.02	<1	
B74277 (482720)	<1	2.13	23	23	1.40	318	1.8	2.82	7.5	320	<20	70	0.02	<1	
B74278 (482721)	<1	2.21	25	29	1.40	330	2.0	2.89	7.4	342	<20	73	0.01	<1	
B74279 (482722)	<1	2.30	23	50	1.23	348	1.9	2.95	8.1	369	<20	69	0.03	<1	
B74280 (482723)	<1	2.06	66	77	5.12	1150	3.8	2.49	165	2310	27	93	0.17	<1	
B74281 (482724)	<1	1.88	24	31	1.72	495	3.1	2.69	7.9	411	<20	81	0.12	<1	
B74282 (482725)	<1	2.19	22	25	1.46	419	2.6	2.37	10.2	752	<20	98	0.10	<1	
B74283 (482726)	<1	2.10	27	29	1.95	715	1.7	2.26	20.9	1610	<20	69	0.19	<1	
B74284 (482727)	<1	2.25	31	73	2.67	761	8.5	2.74	55.9	3050	26	111	0.15	<1	
B74285 (482728)	<1	1.97	21	45	2.00	605	4.9	2.58	16.1	602	<20	72	0.15	<1	
B74286 (482729)	<1	0.20	3	13	4.35	1350	1.3	2.21	86.3	415	<20	<50	0.16	<1	
B74287 (482730)	<1	2.51	22	61	2.74	585	4.8	2.43	19.9	516	<20	98	0.17	<1	
B74288 (482731)	<1	1.84	19	54	2.46	530	3.3	2.51	15.2	611	<20	75	0.10	<1	
B74289 (482732)	<1	1.87	18	34	1.02	318	2.0	2.82	5.3	288	<20	65	0.01	<1	
B74290 (482733)	<1	1.31	16	21	1.04	303	1.8	3.08	6.2	247	<20	50	0.05	<1	
B74291 (482734)	<1	1.56	26	36	1.19	319	1.5	3.24	7.9	397	<20	62	0.11	<1	
B74292 (482735)	<1	0.02	<2	1	2.11	119	<0.5	0.04	0.9	73	<20	<50	0.06	<1	
B74293 (482736)	<1	1.35	30	60	0.84	341	2.0	3.57	6.3	540	<20	<50	0.13	<1	
B74294 (482737)	<1	1.68	24	66	1.30	368	1.9	3.10	6.0	417	<20	65	0.12	<1	
B74295 (482738)	<1	1.77	24	41	1.45	407	1.9	3.10	6.5	354	<20	76	0.18	<1	
B74296 (482739)	<1	1.53	28	27	1.02	302	1.3	3.10	6.4	533	<20	57	0.18	<1	
B74297 (482740)	<1	1.46	28	28	1.20	341	2.8	2.82	6.6	338	<20	59	0.11	<1	
B74298 (482741)	<1	1.56	37	31	1.27	352	2.2	2.90	7.3	359	<20	65	0.11	<1	
B74299 (482742)	<1	1.79	36	35	1.56	453	1.7	2.90	9.5	1520	<20	58	0.16	<1	
B74300 (482743)	<1	2.03	22	42	2.39	412	3.4	2.31	14.4	708	<20	61	0.10	<1	
B74301 (482744)	<1	2.43	21	40	1.86	506	2.8	2.52	18.1	959	<20	105	0.11	<1	
B74302 (482745)	<1	2.35	23	42	2.12	479	1.9	3.00	16.7	337	<20	123	0.19	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T511650

PROJECT: AGAT00759

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
B74303 (482746)		<1	2.25	19	129	1.74	553	2.1	2.05	21.6	775	<20	66	0.21	<1
B74304 (482747)		<1	1.47	21	12	1.57	338	2.5	2.34	1.3	82	<20	70	0.01	<1
B74305 (482748)		<1	2.12	22	33	1.80	514	3.2	2.27	7.4	632	<20	69	0.22	<1
B74306 (482749)		<1	0.20	3	12	4.33	1340	1.6	2.17	82.4	416	<20	<50	0.17	<1
B74307 (482750)		<1	2.07	32	61	1.92	553	2.6	3.06	10.3	582	<20	56	0.13	<1
B74308 (482751)		<1	2.09	21	39	1.78	359	2.2	3.69	7.1	371	<20	65	0.04	<1
B74309 (482752)		<1	1.92	21	39	1.68	425	2.7	3.16	12.3	482	<20	80	0.10	<1
B74310 (482753)		<1	2.32	19	76	1.95	509	2.0	2.49	16.0	425	<20	83	0.19	<1

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
B74239 (482682)	4	<10	<5	204	<10	<10	<5	0.15	<5	<50	23.8	<1	4	30.8
B74240 (482683)	5	<10	<5	200	<10	<10	<5	0.12	<5	<50	25.8	<1	5	49.9
B74241 (482684)	5	<10	<5	225	<10	<10	<5	0.16	<5	<50	33.2	<1	5	319
B74242 (482685)	4	<10	<5	165	<10	<10	<5	0.14	<5	<50	26.7	<1	5	44.1
B74243 (482686)	5	<10	<5	217	<10	<10	<5	0.18	<5	<50	33.3	<1	5	82.8
B74244 (482687)	8	<10	<5	172	<10	<10	363	0.03	<5	<50	20.2	<1	19	21.4
B74245 (482688)	5	<10	<5	139	<10	<10	46	0.14	<5	<50	25.5	<1	7	40.7
B74246 (482689)	44	<10	<5	170	<10	<10	<5	0.60	<5	<50	270	<1	21	79.9
B74247 (482690)	2	<10	<5	77	<10	<10	<5	0.04	<5	<50	2.5	<1	6	20.2
B74248 (482691)	3	<10	<5	73	<10	<10	<5	0.04	<5	<50	4.2	<1	6	19.0
B74249 (482692)	10	<10	<5	135	<10	<10	118	0.03	<5	<50	21.8	<1	10	30.3
B74250 (482693)	16	<10	<5	184	<10	<10	136	0.02	<5	<50	35.3	<1	9	35.0
B74251 (482694)	4	<10	<5	79	<10	<10	<5	0.07	<5	<50	11.4	<1	6	28.3
B74252 (482695)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	0.8	<1	2	2.3
B74253 (482696)	2	<10	<5	71	<10	<10	<5	0.04	<5	<50	2.7	<1	6	20.9
B74254 (482697)	3	<10	<5	70	<10	<10	<5	0.04	<5	<50	2.8	<1	6	28.7
B74255 (482698)	3	<10	<5	77	<10	<10	<5	0.05	<5	<50	7.4	<1	7	30.2
B74256 (482699)	3	<10	<5	53	<10	<10	<5	0.04	<5	<50	2.0	<1	6	30.0
B74257 (482700)	8	<10	5	38	<10	<10	10	0.09	<5	<50	8.6	<1	6	55.6
B74258 (482701)	8	<10	6	40	<10	<10	11	0.10	<5	<50	10.0	<1	7	67.6
B74259 (482702)	8	<10	8	36	<10	<10	<5	0.17	<5	<50	28.6	<1	7	121
B74260 (482703)	3	<10	<5	41	<10	<10	<5	0.05	<5	<50	1.9	<1	5	36.0
B74261 (482704)	5	<10	<5	94	<10	<10	<5	0.08	<5	<50	14.3	<1	6	49.3
B74262 (482705)	5	<10	<5	61	<10	<10	<5	0.16	<5	<50	27.7	<1	4	50.6
B74263 (482706)	4	<10	<5	64	<10	<10	<5	0.09	<5	<50	14.8	<1	7	46.2
B74264 (482707)	2	<10	<5	80	<10	<10	<5	0.03	<5	<50	4.1	<1	3	21.9
B74265 (482708)	9	<10	<5	98	<10	<10	<5	0.25	<5	<50	41.5	<1	5	94.2
B74266 (482709)	46	<10	<5	111	<10	<10	<5	0.69	<5	<50	295	<1	23	81.6
B74267 (482710)	12	<10	7	93	<10	<10	<5	0.24	<5	<50	36.1	<1	7	120
B74268 (482711)	6	<10	<5	106	<10	<10	20	0.06	<5	<50	14.7	<1	7	25.0
B74269 (482712)	5	<10	<5	142	<10	<10	<5	0.18	<5	<50	26.9	<1	6	42.9
B74270 (482713)	4	<10	<5	210	<10	<10	<5	0.17	<5	<50	26.9	<1	5	43.1

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T511650

PROJECT: AGAT00759

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 28, 2019	DATE RECEIVED: Aug 29, 2019					DATE REPORTED: Sep 20, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
B74271 (482714)	4	<10	<5	233	<10	<10	<5	0.18	<5	<50	28.7	<1	5	44.2	
B74272 (482715)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	2.8	
B74273 (482716)	5	<10	<5	220	<10	<10	<5	0.18	<5	<50	31.7	<1	6	48.7	
B74274 (482717)	5	<10	<5	210	<10	<10	<5	0.23	<5	<50	33.0	<1	6	50.4	
B74275 (482718)	20	<10	<5	955	<10	<10	<5	2.26	<5	<50	277	<1	31	119	
B74276 (482719)	4	<10	<5	159	<10	<10	<5	0.20	<5	<50	25.6	<1	6	41.8	
B74277 (482720)	5	<10	<5	142	<10	<10	<5	0.14	<5	<50	26.8	<1	6	38.7	
B74278 (482721)	5	<10	<5	150	<10	<10	<5	0.14	<5	<50	26.7	<1	6	48.5	
B74279 (482722)	6	<10	<5	133	<10	<10	<5	0.17	<5	<50	30.8	<1	6	82.4	
B74280 (482723)	17	<10	<5	756	<10	<10	<5	1.46	<5	<50	192	<1	31	134	
B74281 (482724)	5	<10	<5	116	<10	<10	<5	0.19	<5	<50	30.2	<1	7	79.2	
B74282 (482725)	5	<10	<5	115	<10	<10	<5	0.17	<5	<50	27.6	<1	6	67.8	
B74283 (482726)	10	<10	<5	263	<10	<10	<5	0.26	<5	<50	49.0	<1	9	79.8	
B74284 (482727)	10	<10	<5	431	<10	<10	<5	0.46	<5	<50	77.5	<1	40	190	
B74285 (482728)	7	<10	<5	109	<10	<10	<5	0.26	<5	<50	44.9	<1	8	56.3	
B74286 (482729)	47	<10	<5	112	<10	<10	<5	0.70	<5	<50	299	<1	23	80.4	
B74287 (482730)	9	<10	<5	107	<10	<10	<5	0.26	<5	<50	49.1	<1	7	62.1	
B74288 (482731)	8	<10	<5	133	<10	<10	<5	0.23	<5	<50	42.2	<1	6	49.1	
B74289 (482732)	5	<10	<5	138	<10	<10	<5	0.13	<5	<50	22.4	<1	5	38.2	
B74290 (482733)	5	<10	<5	165	<10	<10	<5	0.15	<5	<50	23.4	<1	4	42.8	
B74291 (482734)	5	<10	<5	258	<10	<10	<5	0.20	<5	<50	32.0	<1	5	47.0	
B74292 (482735)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	3.7	
B74293 (482736)	6	<10	<5	276	<10	<10	<5	0.17	<5	<50	33.5	<1	7	38.5	
B74294 (482737)	5	<10	<5	205	<10	<10	<5	0.21	<5	<50	32.6	<1	6	43.2	
B74295 (482738)	5	<10	<5	173	<10	<10	<5	0.23	<5	<50	32.1	<1	6	42.4	
B74296 (482739)	5	<10	<5	186	<10	<10	<5	0.17	<5	<50	27.0	<1	6	57.4	
B74297 (482740)	5	<10	<5	139	<10	<10	<5	0.19	<5	<50	27.4	<1	6	54.1	
B74298 (482741)	5	<10	<5	146	<10	<10	11	0.20	<5	<50	30.0	<1	8	56.6	
B74299 (482742)	7	<10	<5	248	<10	<10	<5	0.23	<5	<50	40.9	<1	8	108	
B74300 (482743)	7	<10	<5	112	<10	<10	<5	0.23	<5	<50	39.4	<1	8	73.0	
B74301 (482744)	9	<10	<5	119	<10	<10	<5	0.22	<5	<50	44.6	<1	7	94.4	
B74302 (482745)	10	<10	<5	102	<10	<10	<5	0.23	<5	<50	47.3	<1	11	107	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T511650

PROJECT: AGAT00759

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
B74303 (482746)	11	<10	<5	134	<10	<10	<5	0.21	<5	<50	57.9	<1	11	288
B74304 (482747)	2	<10	<5	72	<10	<10	<5	0.04	<5	<50	1.8	<1	6	34.2
B74305 (482748)	8	<10	<5	98	<10	<10	<5	0.27	<5	<50	35.0	<1	9	61.5
B74306 (482749)	47	<10	<5	110	<10	<10	<5	0.68	<5	<50	297	<1	23	79.7
B74307 (482750)	11	<10	<5	248	<10	<10	<5	0.20	<5	<50	40.4	<1	10	95.0
B74308 (482751)	5	<10	<5	105	<10	<10	<5	0.13	<5	<50	27.5	<1	11	42.4
B74309 (482752)	7	<10	<5	101	<10	<10	<5	0.20	<5	<50	38.2	<1	10	40.6
B74310 (482753)	11	<10	<5	132	<10	<10	<5	0.20	<5	<50	47.6	<1	7	74.5

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ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
B74239 (482682)			71
B74240 (482683)			60
B74241 (482684)			82
B74242 (482685)			80
B74243 (482686)			52
B74244 (482687)			30
B74245 (482688)			64
B74246 (482689)			49
B74247 (482690)			69
B74248 (482691)			69
B74249 (482692)			49
B74250 (482693)			16
B74251 (482694)			70
B74252 (482695)			<5
B74253 (482696)			69
B74254 (482697)			78
B74255 (482698)			62
B74256 (482699)			85
B74257 (482700)			47
B74258 (482701)			44
B74259 (482702)			88
B74260 (482703)			66
B74261 (482704)			66
B74262 (482705)			38
B74263 (482706)			71
B74264 (482707)			21
B74265 (482708)			87
B74266 (482709)			57
B74267 (482710)			87
B74268 (482711)			37
B74269 (482712)			55
B74270 (482713)			37

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T511650

PROJECT: AGAT00759

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ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
B74271 (482714)			41
B74272 (482715)			<5
B74273 (482716)			40
B74274 (482717)			52
B74275 (482718)			299
B74276 (482719)			43
B74277 (482720)			46
B74278 (482721)			47
B74279 (482722)			58
B74280 (482723)			310
B74281 (482724)			81
B74282 (482725)			57
B74283 (482726)			89
B74284 (482727)			181
B74285 (482728)			107
B74286 (482729)			56
B74287 (482730)			82
B74288 (482731)			83
B74289 (482732)			60
B74290 (482733)			64
B74291 (482734)			52
B74292 (482735)			<5
B74293 (482736)			68
B74294 (482737)			47
B74295 (482738)			53
B74296 (482739)			54
B74297 (482740)			78
B74298 (482741)			74
B74299 (482742)			49
B74300 (482743)			96
B74301 (482744)			84
B74302 (482745)			130

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T511650

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
B74303 (482746)	107
B74304 (482747)	81
B74305 (482748)	88
B74306 (482749)	56
B74307 (482750)	65
B74308 (482751)	100
B74309 (482752)	102
B74310 (482753)	105

Comments: RDL - Reported Detection Limit

482682-482753 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T511650

PROJECT: AGAT00759

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
B74239 (482682)			0.006
B74240 (482683)			0.004
B74241 (482684)			0.003
B74242 (482685)			0.002
B74243 (482686)			0.002
B74244 (482687)			0.002
B74245 (482688)			0.002
B74246 (482689)			1.25
B74247 (482690)			0.001
B74248 (482691)			<0.001
B74249 (482692)			<0.001
B74250 (482693)			0.001
B74251 (482694)			<0.001
B74252 (482695)			<0.001
B74253 (482696)			<0.001
B74254 (482697)			<0.001
B74255 (482698)			0.002
B74256 (482699)			<0.001
B74257 (482700)			<0.001
B74258 (482701)			<0.001
B74259 (482702)			<0.001
B74260 (482703)			<0.001
B74261 (482704)			<0.001
B74262 (482705)			<0.001
B74263 (482706)			0.001
B74264 (482707)			0.001
B74265 (482708)			0.001
B74266 (482709)			0.530
B74267 (482710)			0.001
B74268 (482711)			0.001
B74269 (482712)			0.001
B74270 (482713)			<0.001

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T511650

PROJECT: AGAT00759

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
B74271 (482714)			<0.001
B74272 (482715)			<0.001
B74273 (482716)			<0.001
B74274 (482717)			<0.001
B74275 (482718)			0.002
B74276 (482719)			<0.001
B74277 (482720)			<0.001
B74278 (482721)			<0.001
B74279 (482722)			<0.001
B74280 (482723)			0.001
B74281 (482724)			0.001
B74282 (482725)			0.001
B74283 (482726)			0.003
B74284 (482727)			0.002
B74285 (482728)			0.001
B74286 (482729)			0.522
B74287 (482730)			0.001
B74288 (482731)			0.001
B74289 (482732)			<0.001
B74290 (482733)			<0.001
B74291 (482734)			0.001
B74292 (482735)			<0.001
B74293 (482736)			0.001
B74294 (482737)			0.001
B74295 (482738)			0.001
B74296 (482739)			0.002
B74297 (482740)			0.001
B74298 (482741)			0.001
B74299 (482742)			0.001
B74300 (482743)			0.004
B74301 (482744)			0.002
B74302 (482745)			0.002

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T511650

PROJECT: AGAT00759

5623 McADAM ROAD  
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 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au	ppm	0.001	
B74303 (482746)				0.003
B74304 (482747)				<0.001
B74305 (482748)				0.001
B74306 (482749)				0.531
B74307 (482750)				0.001
B74308 (482751)				<0.001
B74309 (482752)				0.001
B74310 (482753)				0.002

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T511650

PROJECT: AGAT00759

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
B74239 (482682)		85.04
B74257 (482700)		83.75
B74277 (482720)		81.30
B74297 (482740)		90.04

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T511650

PROJECT: AGAT00759

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL:
B74239 (482682)	86.91

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	482682	< 0.5	< 0.5	0.0%	482696	< 0.5	< 0.5	0.0%	482707	< 0.5	< 0.5	0.0%	482721	< 0.5	< 0.5	0.0%
Al	482682	7.53	7.40	1.7%	482696	6.42	6.41	0.2%	482707	7.30	7.37	1.0%	482721	7.33	7.20	1.8%
As	482682	1	< 1		482696	2	2	0.0%	482707	3	< 1		482721	5	3	
Ba	482682	597	624	4.4%	482696	222	224	0.9%	482707	105	111	5.6%	482721	742	732	1.4%
Be	482682	1.79	1.64	8.7%	482696	1.3	1.3	0.0%	482707	1.02	1.07	4.8%	482721	1.5	1.5	0.0%
Bi	482682	< 1	< 1	0.0%	482696	< 1	< 1	0.0%	482707	< 1	< 1	0.0%	482721	< 1	< 1	0.0%
Ca	482682	1.58	1.66	4.9%	482696	1.03	1.02	1.0%	482707	1.18	1.16	1.7%	482721	1.39	1.37	1.4%
Cd	482682	< 0.5	< 0.5	0.0%	482696	< 0.5	< 0.5	0.0%	482707	< 0.5	< 0.5	0.0%	482721	< 0.5	< 0.5	0.0%
Ce	482682	31	30	3.3%	482696	58	57	1.7%	482707	20	24	18.2%	482721	49	49	0.0%
Co	482682	4.43	3.65	19.3%	482696	0.49	0.55	11.5%	482707	0.8	0.8	0.0%	482721	4.99	4.41	12.3%
Cr	482682	5.7	7.0	20.5%	482696	9.2	8.5	7.9%	482707	5.1	6.0	16.2%	482721	10.8	11.8	8.8%
Cu	482682	107	99.2	7.6%	482696	10.6	11.1	4.6%	482707	2.7	3.6	28.6%	482721	< 0.5	< 0.5	0.0%
Fe	482682	2.25	2.26	0.4%	482696	1.24	1.22	1.6%	482707	0.89	1.06	17.4%	482721	2.23	2.21	0.9%
Ga	482682	18	17	5.7%	482696	14	14	0.0%	482707	18	18	0.0%	482721	17	16	6.1%
In	482682	< 1	< 1	0.0%	482696	< 1	< 1	0.0%	482707	< 1	< 1	0.0%	482721	< 1	< 1	0.0%
K	482682	1.45	1.49	2.7%	482696	1.25	1.25	0.0%	482707	0.78	0.93	17.5%	482721	2.21	2.18	1.4%
La	482682	15	15	0.0%	482696	26	25	3.9%	482707	9	11	20.0%	482721	25	25	0.0%
Li	482682	28	27	3.6%	482696	8	8	0.0%	482707	4	5	22.2%	482721	29	29	0.0%
Mg	482682	1.08	1.10	1.8%	482696	0.562	0.553	1.6%	482707	0.23	0.31	29.6%	482721	1.40	1.39	0.7%
Mn	482682	415	417	0.5%	482696	186	182	2.2%	482707	127	153	18.6%	482721	330	327	0.9%
Mo	482682	1.7	2.7		482696	2.30	2.23	3.1%	482707	1.6	2.6		482721	1.99	2.06	3.5%
Na	482682	2.42	2.44	0.8%	482696	2.78	2.78	0.0%	482707	3.82	3.78	1.1%	482721	2.89	2.85	1.4%
Ni	482682	7.44	7.53	1.2%	482696	2.0	1.8	10.5%	482707	1.8	2.8		482721	7.4	7.2	2.7%
P	482682	369	358	3.0%	482696	64	62	3.2%	482707	162	160	1.2%	482721	342	349	2.0%
Pb	482682	< 20	< 20	0.0%	482696	< 20	< 20	0.0%	482707	< 20	< 20	0.0%	482721	< 20	< 20	0.0%
Rb	482682	81	81	0.0%	482696	< 50	< 50	0.0%	482707	< 50	< 50	0.0%	482721	73	73	0.0%
S	482682	0.418	0.401	4.2%	482696	0.06	0.06	0.0%	482707	0.03	0.03	0.0%	482721	0.01	0.01	0.0%
Sb	482682	< 1	< 1	0.0%	482696	< 1	< 1	0.0%	482707	< 1	< 1	0.0%	482721	< 1	< 1	0.0%
Sc	482682	4	4	0.0%	482696	2	2	0.0%	482707	2	3		482721	5	5	0.0%
Se	482682	< 10	< 10	0.0%	482696	< 10	< 10	0.0%	482707	< 10	< 10	0.0%	482721	< 10	< 10	0.0%
Sn	482682	< 5	< 5	0.0%	482696	< 5	< 5	0.0%	482707	< 5	< 5	0.0%	482721	< 5	< 5	0.0%





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	482682	204	207	1.5%	482696	71	71	0.0%	482707	80	79	1.3%	482721	150	150	0.0%
Ta	482682	< 10	< 10	0.0%	482696	< 10	< 10	0.0%	482707	< 10	< 10	0.0%	482721	< 10	< 10	0.0%
Te	482682	< 10	< 10	0.0%	482696	< 10	< 10	0.0%	482707	< 10	< 10	0.0%	482721	< 10	< 10	0.0%
Th	482682	< 5	< 5	0.0%	482696	< 5	< 5	0.0%	482707	5	6	18.2%	482721	< 5	< 5	0.0%
Ti	482682	0.152	0.156	2.6%	482696	0.04	0.04	0.0%	482707	0.03	0.05		482721	0.14	0.14	0.0%
Tl	482682	< 5	< 5	0.0%	482696	< 5	< 5	0.0%	482707	< 5	< 5	0.0%	482721	< 5	< 5	0.0%
U	482682	< 50	< 50	0.0%	482696	< 50	< 50	0.0%	482707	< 50	< 50	0.0%	482721	< 50	< 50	0.0%
V	482682	23.8	23.8	0.0%	482696	2.7	2.6	3.8%	482707	4.1	5.0	19.8%	482721	26.7	26.2	1.9%
W	482682	< 1	< 1	0.0%	482696	< 1	< 1	0.0%	482707	< 1	< 1	0.0%	482721	< 1	< 1	0.0%
Y	482682	4	4	0.0%	482696	6	6	0.0%	482707	3	3	0.0%	482721	6	6	0.0%
Zn	482682	30.8	34.1	10.2%	482696	20.9	20.3	2.9%	482707	21.9	28.4	25.8%	482721	48.5	48.2	0.6%
Zr	482682	71	69	2.9%	482696	69	67	2.9%	482707	21	28	28.6%	482721	47	45	4.3%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	482732	< 0.5	< 0.5	0.0%	482746	0.5	0.5	0.0%								
Al	482732	7.33	7.21	1.7%	482746	7.02	6.98	0.6%								
As	482732	< 1	1		482746	3	2									
Ba	482732	408	394	3.5%	482746	924	930	0.6%								
Be	482732	1.55	1.59	2.5%	482746	3.85	4.07	5.6%								
Bi	482732	< 1	< 1	0.0%	482746	< 1	< 1	0.0%								
Ca	482732	1.24	1.23	0.8%	482746	1.10	1.10	0.0%								
Cd	482732	< 0.5	< 0.5	0.0%	482746	< 0.5	< 0.5	0.0%								
Ce	482732	38	39	2.6%	482746	40	40	0.0%								
Co	482732	3.06	2.83	7.8%	482746	9.1	9.2	1.1%								
Cr	482732	9.62	12.1	22.8%	482746	15.3	13.9	9.6%								
Cu	482732	< 0.5	< 0.5	0.0%	482746	19.3	18.7	3.2%								
Fe	482732	1.74	1.62	7.1%	482746	3.25	3.25	0.0%								
Ga	482732	19	19	0.0%	482746	19	19	0.0%								
In	482732	< 1	< 1	0.0%	482746	< 1	< 1	0.0%								
K	482732	1.87	1.91	2.1%	482746	2.25	2.20	2.2%								
La	482732	18	19	5.4%	482746	19	20	5.1%								
Li	482732	34	31	9.2%	482746	129	127	1.6%								
Mg	482732	1.02	0.95	7.1%	482746	1.74	1.75	0.6%								
Mn	482732	318	299	6.2%	482746	553	553	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	482732	2.0	2.6	26.1%	482746	2.11	2.20	4.2%								
Na	482732	2.82	2.88	2.1%	482746	2.05	2.02	1.5%								
Ni	482732	5.3	5.4	1.9%	482746	21.6	21.6	0.0%								
P	482732	288	293	1.7%	482746	775	772	0.4%								
Pb	482732	< 20	< 20	0.0%	482746	< 20	< 20	0.0%								
Rb	482732	65	63	3.1%	482746	66	64	3.1%								
S	482732	0.01	0.01	0.0%	482746	0.21	0.21	0.0%								
Sb	482732	< 1	< 1	0.0%	482746	< 1	< 1	0.0%								
Sc	482732	5	5	0.0%	482746	11	11	0.0%								
Se	482732	< 10	< 10	0.0%	482746	< 10	< 10	0.0%								
Sn	482732	< 5	< 5	0.0%	482746	< 5	< 5	0.0%								
Sr	482732	138	139	0.7%	482746	134	132	1.5%								
Ta	482732	< 10	< 10	0.0%	482746	< 10	< 10	0.0%								
Te	482732	< 10	< 10	0.0%	482746	< 10	< 10	0.0%								
Th	482732	< 5	< 5	0.0%	482746	< 5	< 5	0.0%								
Ti	482732	0.133	0.124	7.0%	482746	0.21	0.20	4.9%								
Tl	482732	< 5	< 5	0.0%	482746	< 5	< 5	0.0%								
U	482732	< 50	< 50	0.0%	482746	< 50	< 50	0.0%								
V	482732	22.4	21.7	3.2%	482746	57.9	56.2	3.0%								
W	482732	< 1	< 1	0.0%	482746	< 1	< 1	0.0%								
Y	482732	5	5	0.0%	482746	11	11	0.0%								
Zn	482732	38.2	33.8	12.2%	482746	288	282	2.1%								
Zr	482732	60	54	10.5%	482746	107	108	0.9%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	482682	0.006	0.004		482696	< 0.001	< 0.001	0.0%	482707	0.001	0.001	0.0%	482721	< 0.001	< 0.001	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	482732	< 0.001	< 0.001	0.0%	482746	0.003	0.003	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.1P5R)				CRM #3 (ref.GS4H)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	2.85	94%	90% - 110%
Al	10.95	10.88	99%	90% - 110%	8.17	8.26	101%	90% - 110%	6.96	6.92	99%	90% - 110%	4.75	4.86	102%	90% - 110%
As					26	25	96%	90% - 110%	124	125	101%	90% - 110%				
Ba	340	324	95%	90% - 110%	540	498	92%	90% - 110%	186	180	97%	90% - 110%	216	219	101%	90% - 110%
Be	2.6	2.8	106%	90% - 110%	4.0	3.7	92%	90% - 110%								
Ca	5.72	5.64	99%	90% - 110%	0.907	0.889	98%	90% - 110%	4.01	3.93	98%	90% - 110%	10	10	96%	90% - 110%
Ce	122	119	98%	90% - 110%	98	99	101%	90% - 110%	24	22	91%	90% - 110%				
Co									22.1	21.5	97%	90% - 110%	191	176	92%	90% - 110%
Cr					60.3	61.5	102%	90% - 110%					670	616	91%	90% - 110%
Cu					150	149	100%	90% - 110%	88.6	84.4	95%	90% - 110%	7120	7191	101%	90% - 110%
Fe	4.34	4.25	98%	90% - 110%	3.77	3.8	101%	90% - 110%	7.56	7.55	100%	90% - 110%	12.71	12.55	99%	90% - 110%
Ga	35	35	101%	90% - 110%												
K	1.37	1.4	102%	90% - 110%					2.021	1.985	98%	90% - 110%	0.1021	0.1102	108%	90% - 110%
La	58	55	96%	90% - 110%	44	43	99%	90% - 110%					8.47	8.15	96%	90% - 110%
Li	37	38	102%	90% - 110%	47	46	98%	90% - 110%								
Mg	0.325	0.31	95%	90% - 110%	1.10	1.06	96%	90% - 110%	2.412	2.399	99%	90% - 110%	7.41	7.38	100%	90% - 110%
Mn					780	738	95%	90% - 110%	1510	1406	93%	90% - 110%				
Mo					14	15	105%	90% - 110%								
Na	5.267	5.101	97%	90% - 110%	1.624	1.574	97%	90% - 110%	0.617	0.606	98%	90% - 110%	0.112	0.112	100%	90% - 110%
Ni	9	9	95%	90% - 110%	32	32	99%	90% - 110%	77.1	70	91%	90% - 110%	2480	2320	94%	90% - 110%
P					750	737	98%	90% - 110%	892	874	98%	90% - 110%	731	729	100%	90% - 110%
Pb	10	9	90%	90% - 110%	31	30	98%	90% - 110%								
Rb	55	56	103%	90% - 110%	143	131	92%	90% - 110%								
S									0.348	0.343	99%	90% - 110%				
Sc	1.1	1.1	97%	90% - 110%	12	13	108%	90% - 110%					21.33	21.71	102%	90% - 110%
Sr	1191	1166	98%	90% - 110%	144	147	102%	90% - 110%	92.8	87.1	94%	90% - 110%	39	38	96%	90% - 110%
Ti	0.172	0.17	99%	90% - 110%	0.53	0.49	92%	90% - 110%					0.419	0.422	101%	90% - 110%
V	8	8	94%	90% - 110%	77	77	100%	90% - 110%					158	156	99%	90% - 110%
Y	119	126	106%	90% - 110%									12.67	13.25	105%	90% - 110%
Zn	93	92	99%	90% - 110%	130	118	91%	90% - 110%	208	204	98%	90% - 110%	112	113	101%	90% - 110%
Zr													35.7	37.6	105%	90% - 110%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.1P5R)				CRM #3 (ref.GS4H)				CRM #4 (ref.1P5R)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.37	93%	90% - 110%	1.81	1.74	96%	90% - 110%	5.01	4.87	97%	90% - 110%	1.81	1.78	99%	90% - 110%

## Method Summary

 CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00759  
 SAMPLING SITE:

 AGAT WORK ORDER: 19T511650  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00760

AGAT WORK ORDER: 19T511658

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 20, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T511658

PROJECT: AGAT00760

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 28, 2019      DATE RECEIVED: Aug 29, 2019      DATE REPORTED: Sep 20, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
B74394 (482762)		2.04
B74395 (482763)		1.61
B74396 (482764)		1.79
B74397 (482765)		1.55
B74398 (482766)		1.55
B74399 (482767)		2.89
B74400 (482768)		2.02
B74401 (482769)		2.09
B74402 (482770)		0.66
B74403 (482771)		1.82
B74404 (482772)		2.13
B74405 (482773)		2.13
B74406 (482774)		0.07
B74407 (482775)		1.36
B74408 (482776)		0.57
B74409 (482777)		2.19
B74410 (482778)		2.29
B74411 (482779)		1.88
B74412 (482780)		0.60
B74413 (482781)		2.23
B74414 (482782)		2.24
B74415 (482783)		2.63
B74416 (482784)		2.37
B74417 (482785)		2.27
B74418 (482786)		2.27
B74419 (482787)		2.38
B74420 (482788)		1.76
B74421 (482789)		2.60
B74422 (482790)		1.71
B74423 (482791)		1.77
B74424 (482792)		2.18

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T511658

PROJECT: AGAT00760

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 28, 2019      DATE RECEIVED: Aug 29, 2019      DATE REPORTED: Sep 20, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
B74425 (482793)		2.89
B74426 (482794)		0.07
B74427 (482795)		2.49
B74428 (482796)		2.88
B74429 (482797)		2.19
B74430 (482798)		2.12
B74431 (482799)		2.17
B74432 (482800)		0.55
B74433 (482801)		2.12
B74434 (482802)		2.02
B74435 (482803)		2.28
B74436 (482804)		2.17
B74437 (482805)		1.27
B74438 (482806)		1.27
B74439 (482807)		0.74
B74440 (482808)		2.44
B74441 (482809)		2.18
B74442 (482810)		2.18
B74443 (482811)		2.17
B74444 (482812)		2.23
B74445 (482813)		2.24
B74446 (482814)		1.40
B74447 (482815)		1.21
B74448 (482816)		1.95
B74449 (482817)		1.81
B74450 (482818)		2.25
B74451 (482819)		1.33
B74452 (482820)		0.60
B74453 (482821)		0.80
B74454 (482822)		1.16
B74455 (482823)		0.79

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T511658

PROJECT: AGAT00760

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 28, 2019      DATE RECEIVED: Aug 29, 2019      DATE REPORTED: Sep 20, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
B74456 (482824)		1.23
B74457 (482825)		1.96
B74458 (482826)		1.96
B74459 (482827)		2.22
B74460 (482828)		1.86
B74461 (482829)		1.13
B74462 (482830)		1.47
B74463 (482831)		1.61
B74464 (482832)		1.67
B74465 (482833)		1.29
B74466 (482834)		0.07

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T511658

PROJECT: AGAT00760

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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 28, 2019	DATE RECEIVED: Aug 29, 2019							DATE REPORTED: Sep 20, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
B74394 (482762)	<0.5	7.63	2	682	1.1	<1	1.45	<0.5	43	9.9	94.0	15.2	2.93	16	
B74395 (482763)	<0.5	7.12	<1	622	1.8	<1	1.06	<0.5	43	10.2	80.2	16.7	3.08	16	
B74396 (482764)	<0.5	6.72	<1	408	1.5	<1	0.87	<0.5	42	8.2	81.9	12.1	2.90	16	
B74397 (482765)	<0.5	7.32	<1	237	1.1	<1	1.18	<0.5	46	7.2	88.3	18.2	2.85	19	
B74398 (482766)	<0.5	7.23	<1	239	1.2	<1	1.13	<0.5	46	6.6	86.9	16.4	2.79	18	
B74399 (482767)	<0.5	7.21	2	146	2.7	<1	1.01	<0.5	52	3.2	54.8	5.2	1.45	22	
B74400 (482768)	<0.5	7.11	2	270	4.2	<1	0.85	<0.5	51	7.1	86.0	3.1	2.63	17	
B74401 (482769)	<0.5	6.43	3	159	4.6	<1	0.86	<0.5	75	1.5	66.9	2.1	1.17	16	
B74402 (482770)	<0.5	6.45	4	117	1.6	<1	0.95	<0.5	25	0.9	40.2	0.7	0.61	13	
B74403 (482771)	<0.5	6.93	2	225	5.6	<1	0.38	<0.5	30	7.2	77.7	<0.5	2.46	16	
B74404 (482772)	<0.5	7.73	<1	234	3.2	<1	0.67	<0.5	35	8.5	78.3	5.5	2.63	17	
B74405 (482773)	<0.5	7.32	<1	282	2.1	<1	1.16	<0.5	46	5.4	63.7	4.4	1.97	18	
B74406 (482774)	<0.5	7.21	<1	182	0.5	<1	6.03	<0.5	8	41.3	161	101	7.93	19	
B74407 (482775)	<0.5	7.51	<1	320	1.1	<1	0.94	<0.5	47	5.3	82.9	<0.5	1.95	18	
B74408 (482776)	<0.5	7.21	<1	495	1.7	<1	2.07	<0.5	28	6.5	74.6	<0.5	2.43	18	
B74409 (482777)	<0.5	7.79	<1	342	1.2	<1	1.16	<0.5	47	5.0	69.3	<0.5	1.83	19	
B74410 (482778)	<0.5	7.01	<1	332	1.1	<1	1.05	<0.5	43	4.2	65.4	<0.5	1.59	17	
B74411 (482779)	<0.5	7.71	<1	303	1.2	<1	1.08	<0.5	50	4.5	66.4	<0.5	1.78	19	
B74412 (482780)	<0.5	0.09	2	16	<0.5	<1	30.6	<0.5	<1	0.7	2.5	<0.5	0.09	<5	
B74413 (482781)	<0.5	7.56	<1	239	1.5	<1	1.02	<0.5	50	5.9	75.2	0.9	1.97	19	
B74414 (482782)	<0.5	7.29	<1	266	4.8	<1	0.64	<0.5	36	7.3	84.0	2.9	2.24	18	
B74415 (482783)	<0.5	7.18	<1	361	2.0	<1	1.49	<0.5	58	6.0	77.7	4.5	2.13	18	
B74416 (482784)	<0.5	3.44	<1	1200	2.8	<1	8.44	<0.5	186	55.3	648	99.8	8.75	14	
B74417 (482785)	<0.5	7.37	<1	452	1.5	<1	1.26	<0.5	48	5.6	67.6	3.7	1.96	18	
B74418 (482786)	<0.5	7.22	<1	446	1.4	<1	1.24	<0.5	53	5.7	60.7	3.3	1.91	18	
B74419 (482787)	0.7	6.91	85	365	1.6	<1	1.83	2.2	54	7.5	68.7	12.5	2.01	17	
B74420 (482788)	<0.5	3.89	<1	1090	3.9	<1	7.81	0.5	201	46.7	557	92.8	7.79	16	
B74421 (482789)	<0.5	6.91	6	442	2.0	<1	1.98	<0.5	74	7.8	78.5	10.3	2.24	17	
B74422 (482790)	<0.5	5.47	<1	218	1.2	<1	0.75	<0.5	54	2.3	58.8	1.3	1.27	13	
B74423 (482791)	<0.5	7.50	<1	256	1.3	<1	1.93	<0.5	44	8.8	82.4	14.7	2.67	17	
B74424 (482792)	<0.5	7.17	<1	266	1.0	<1	1.15	<0.5	47	6.6	94.2	2.7	2.43	18	
B74425 (482793)	<0.5	7.28	<1	393	1.5	<1	1.38	<0.5	54	4.2	70.6	6.7	1.88	18	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T511658

PROJECT: AGAT00760

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 28, 2019	DATE RECEIVED: Aug 29, 2019							DATE REPORTED: Sep 20, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
B74426 (482794)	<0.5	7.02	<1	141	<0.5	<1	6.43	<0.5	<1	41.5	168	152	8.25	17	
B74427 (482795)	<0.5	7.49	<1	788	2.4	<1	1.00	<0.5	73	5.3	105	5.4	2.46	26	
B74428 (482796)	<0.5	7.05	3	266	1.1	<1	1.68	<0.5	44	3.6	67.8	4.5	1.62	17	
B74429 (482797)	<0.5	7.51	3	227	1.2	<1	1.82	<0.5	56	6.9	70.7	8.8	2.18	19	
B74430 (482798)	<0.5	7.42	<1	276	1.2	<1	2.00	<0.5	53	5.8	75.9	7.9	2.24	18	
B74431 (482799)	<0.5	7.64	1	304	1.2	<1	2.21	<0.5	47	5.3	67.0	9.4	2.23	18	
B74432 (482800)	<0.5	0.09	<1	16	<0.5	<1	31.7	<0.5	<1	0.6	2.1	<0.5	0.10	<5	
B74433 (482801)	<0.5	7.92	2	332	1.0	<1	1.99	<0.5	44	9.2	93.9	12.3	2.66	18	
B74434 (482802)	<0.5	7.55	<1	333	1.0	<1	2.04	<0.5	47	7.7	126	25.2	2.39	19	
B74435 (482803)	<0.5	7.86	<1	339	1.0	<1	2.10	<0.5	41	6.6	104	36.3	2.29	20	
B74436 (482804)	0.9	7.59	<1	798	1.0	<1	1.65	<0.5	43	7.0	160	73.5	3.40	20	
B74437 (482805)	<0.5	7.25	1	248	0.9	<1	1.51	<0.5	38	7.0	93.3	69.6	2.24	19	
B74438 (482806)	<0.5	7.35	<1	250	0.9	<1	1.49	<0.5	38	6.8	104	70.5	2.22	18	
B74439 (482807)	<0.5	7.35	6	449	1.6	<1	0.73	<0.5	20	10.1	74.5	79.1	2.00	22	
B74440 (482808)	<0.5	7.56	<1	358	1.0	<1	1.80	<0.5	34	8.3	104	111	2.59	20	
B74441 (482809)	<0.5	7.73	<1	376	1.0	<1	1.59	<0.5	35	5.8	81.6	74.4	1.98	19	
B74442 (482810)	<0.5	7.65	2	665	1.0	<1	1.50	<0.5	37	6.0	98.9	40.7	1.96	19	
B74443 (482811)	<0.5	7.59	<1	478	1.4	<1	1.41	<0.5	35	5.6	84.4	79.8	1.92	18	
B74444 (482812)	<0.5	7.51	2	520	1.4	<1	1.58	<0.5	33	7.1	89.5	69.4	1.96	19	
B74445 (482813)	<0.5	7.86	<1	421	0.9	<1	1.92	<0.5	36	9.0	110	92.0	2.39	20	
B74446 (482814)	0.6	7.27	<1	1300	3.9	<1	2.44	<0.5	40	7.7	111	78.9	2.42	18	
B74447 (482815)	0.5	2.42	<1	1080	1.6	<1	7.39	<0.5	109	64.2	622	111	9.19	13	
B74448 (482816)	<0.5	2.73	<1	1100	2.7	<1	6.66	<0.5	107	61.7	557	98.0	8.43	13	
B74449 (482817)	<0.5	7.31	1	1740	2.1	<1	1.53	<0.5	39	4.9	108	86.8	2.15	18	
B74450 (482818)	<0.5	5.69	<1	1320	1.0	<1	1.75	<0.5	27	8.5	147	159	2.80	14	
B74451 (482819)	<0.5	6.98	<1	1120	0.9	<1	1.73	<0.5	40	7.3	94.6	138	2.43	17	
B74452 (482820)	<0.5	0.07	<1	24	<0.5	<1	30.7	<0.5	<1	0.6	4.0	<0.5	0.09	<5	
B74453 (482821)	<0.5	7.01	<1	957	1.5	<1	1.59	<0.5	45	7.8	96.4	108	2.51	17	
B74454 (482822)	<0.5	5.81	5	571	1.8	<1	1.08	<0.5	41	10.1	158	147	3.22	17	
B74455 (482823)	0.5	7.03	1	941	2.2	<1	1.18	<0.5	45	10.6	132	116	3.41	20	
B74456 (482824)	<0.5	7.42	3	959	1.5	<1	1.75	<0.5	52	16.5	133	109	3.33	19	
B74457 (482825)	<0.5	7.51	2	831	1.1	<1	1.90	<0.5	42	8.8	93.8	48.5	2.30	19	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T511658

PROJECT: AGAT00760

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
B74458 (482826)		<0.5	7.60	1	843	1.1	<1	1.91	<0.5	41	9.1	78.1	48.4	2.30	19
B74459 (482827)		<0.5	7.27	1	629	1.0	<1	1.70	<0.5	36	8.7	99.4	31.3	2.14	18
B74460 (482828)		<0.5	7.39	3	1040	1.6	<1	1.79	0.5	37	9.8	95.9	36.5	2.64	20
B74461 (482829)		<0.5	7.46	<1	282	1.0	<1	1.71	<0.5	36	4.8	103	63.2	1.80	18
B74462 (482830)		1.0	7.18	2	582	1.0	<1	1.49	<0.5	37	6.3	142	60.4	2.96	19
B74463 (482831)		0.7	7.28	4	723	1.0	<1	1.53	<0.5	39	6.5	91.5	57.3	2.53	18
B74464 (482832)		0.6	7.19	4	484	1.2	<1	1.56	<0.5	32	5.9	87.0	74.5	2.12	17
B74465 (482833)		0.6	7.67	2	974	2.2	<1	1.43	<0.5	28	3.4	76.3	26.1	1.57	19
B74466 (482834)		<0.5	7.14	2	83	<0.5	<1	6.91	<0.5	<1	40.1	170	157	7.64	16

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T511658

PROJECT: AGAT00760

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
B74394 (482762)		<1	1.97	22	46	1.87	498	11.7	2.62	20.9	554	<20	61	0.09	<1
B74395 (482763)		<1	2.29	22	83	2.37	440	12.4	2.10	21.7	900	<20	70	0.09	<1
B74396 (482764)		<1	2.51	21	124	2.47	452	12.2	1.82	11.8	756	<20	85	0.09	<1
B74397 (482765)		<1	2.03	22	57	2.43	492	11.3	2.47	9.3	453	<20	107	0.15	<1
B74398 (482766)		<1	2.00	22	61	2.40	487	11.5	2.50	9.1	420	<20	105	0.14	<1
B74399 (482767)		<1	1.38	22	32	1.01	268	14.9	2.72	7.6	197	<20	74	0.07	<1
B74400 (482768)		<1	2.29	25	53	2.54	541	14.3	2.47	15.7	276	<20	143	0.09	<1
B74401 (482769)		<1	1.05	32	17	1.02	253	22.0	2.37	8.3	167	<20	52	0.01	<1
B74402 (482770)		<1	0.72	11	11	0.48	128	16.5	2.96	3.7	234	<20	<50	0.01	<1
B74403 (482771)		<1	2.93	14	34	2.57	462	13.0	2.19	13.8	311	<20	150	0.05	<1
B74404 (482772)		<1	2.34	16	50	2.55	498	13.1	3.66	15.7	485	<20	101	0.17	<1
B74405 (482773)		<1	1.95	22	54	1.48	316	10.1	3.13	10.5	403	<20	83	0.05	<1
B74406 (482774)		<1	0.42	10	10	4.49	1360	2.2	2.25	112	899	<20	<50	0.09	<1
B74407 (482775)		<1	1.54	21	30	1.23	287	12.9	3.33	9.4	405	<20	61	0.02	<1
B74408 (482776)		<1	2.19	12	15	1.03	448	11.0	4.16	19.0	2510	<20	55	0.01	<1
B74409 (482777)		<1	1.38	21	30	1.08	283	14.4	3.98	7.7	426	<20	51	0.02	<1
B74410 (482778)		<1	1.41	20	21	0.89	246	13.2	3.52	8.3	372	<20	<50	0.02	<1
B74411 (482779)		<1	1.43	23	31	1.14	257	14.6	3.79	7.8	407	<20	<50	0.03	<1
B74412 (482780)		<1	0.02	2	<1	2.83	127	<0.5	0.04	0.9	96	<20	<50	0.04	<1
B74413 (482781)		<1	1.64	23	41	1.48	282	11.0	3.44	10.2	395	<20	66	0.02	<1
B74414 (482782)		<1	2.55	17	38	1.89	383	14.3	2.51	12.6	416	<20	105	0.07	<1
B74415 (482783)		<1	1.39	27	68	1.42	345	10.3	3.78	14.2	777	<20	<50	0.05	<1
B74416 (482784)		<1	2.43	97	36	10.7	1510	4.8	1.02	443	3830	<20	122	0.19	<1
B74417 (482785)		<1	1.53	21	61	1.33	319	10.5	3.85	10.1	931	<20	55	0.04	<1
B74418 (482786)		<1	1.49	23	60	1.32	312	11.8	3.74	11.1	918	<20	53	0.04	<1
B74419 (482787)		<1	1.32	26	48	1.48	380	12.7	3.78	13.4	680	35	<50	0.13	<1
B74420 (482788)		<1	2.20	96	83	8.52	1300	4.6	1.70	333	2420	<20	133	0.19	<1
B74421 (482789)		<1	0.96	34	76	1.73	401	13.9	4.04	37.8	339	23	<50	0.12	<1
B74422 (482790)		<1	1.32	23	81	1.72	236	10.8	1.54	12.2	154	<20	57	0.02	<1
B74423 (482791)		<1	1.92	22	40	2.11	501	12.8	2.59	20.0	570	<20	93	0.15	<1
B74424 (482792)		<1	1.93	22	28	1.87	404	13.2	2.19	9.6	404	<20	95	0.07	<1
B74425 (482793)		<1	1.94	24	32	1.31	344	13.6	2.57	6.7	352	<20	80	0.14	<1

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T511658

PROJECT: AGAT00760

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
B74426 (482794)		<1	0.19	4	12	4.52	1420	1.5	2.24	88.7	413	<20	<50	0.16	<1
B74427 (482795)		<1	3.82	33	51	1.59	367	12.5	2.01	9.1	223	<20	141	0.07	<1
B74428 (482796)		<1	1.42	20	33	1.00	316	15.5	2.80	6.6	333	<20	59	0.06	<1
B74429 (482797)		<1	1.46	26	40	1.07	407	12.5	2.57	10.9	421	<20	67	0.13	<1
B74430 (482798)		<1	1.50	26	45	1.26	488	16.0	2.44	8.0	369	<20	68	0.14	<1
B74431 (482799)		<1	1.41	24	40	1.17	486	11.4	2.55	9.2	389	<20	61	0.17	<1
B74432 (482800)		<1	0.02	2	<1	1.74	117	0.6	0.04	0.7	55	<20	<50	0.04	<1
B74433 (482801)		<1	1.81	21	54	1.55	509	13.4	2.53	16.0	540	<20	68	0.15	<1
B74434 (482802)		<1	1.40	22	43	1.16	484	13.6	2.61	11.5	423	<20	<50	0.26	<1
B74435 (482803)		<1	1.45	20	47	1.42	488	13.7	2.71	10.5	487	<20	53	0.29	<1
B74436 (482804)		<1	1.52	20	25	1.32	255	17.0	2.41	10.0	405	<20	53	1.58	<1
B74437 (482805)		<1	0.88	17	26	0.78	160	14.9	2.76	9.0	360	<20	<50	1.10	<1
B74438 (482806)		<1	0.89	17	27	0.78	159	12.7	2.72	9.1	331	<20	<50	1.06	<1
B74439 (482807)		<1	4.76	9	62	0.38	114	13.3	1.74	15.2	250	<20	135	1.26	<1
B74440 (482808)		<1	1.10	15	27	1.17	211	15.6	3.05	10.1	569	<20	<50	1.24	<1
B74441 (482809)		<1	1.07	16	24	1.15	206	15.8	3.22	8.5	346	<20	<50	0.54	<1
B74442 (482810)		<1	1.57	17	38	1.19	238	12.8	3.28	8.6	354	<20	<50	0.49	<1
B74443 (482811)		<1	0.91	15	55	1.38	249	14.0	3.02	7.2	394	<20	<50	0.43	<1
B74444 (482812)		<1	1.10	14	50	1.13	251	14.6	3.08	8.4	432	20	<50	0.47	<1
B74445 (482813)		<1	1.24	16	42	1.58	316	18.7	3.29	9.0	606	<20	<50	0.79	<1
B74446 (482814)		<1	1.37	20	89	2.25	433	10.3	3.89	35.3	618	<20	<50	0.44	<1
B74447 (482815)		<1	1.98	67	10	12.5	1440	5.2	1.21	565	2720	<20	105	0.21	<1
B74448 (482816)		<1	1.88	62	38	11.7	1340	4.0	1.27	562	2570	<20	88	0.27	<1
B74449 (482817)		<1	2.00	17	81	1.45	307	10.5	2.87	14.0	580	53	62	0.78	<1
B74450 (482818)		<1	1.41	12	21	1.34	327	21.7	2.09	16.5	1680	21	<50	1.58	<1
B74451 (482819)		<1	1.36	18	31	1.44	340	16.5	2.62	13.5	522	<20	<50	1.40	<1
B74452 (482820)		<1	0.01	2	1	1.84	115	<0.5	0.03	<0.5	82	<20	<50	0.05	<1
B74453 (482821)		<1	1.80	20	39	1.56	332	18.7	2.71	13.7	564	<20	62	1.27	<1
B74454 (482822)		<1	3.63	17	22	1.07	276	21.1	2.15	16.6	517	<20	102	1.86	<1
B74455 (482823)		<1	2.12	20	49	1.29	291	16.2	2.98	13.6	460	<20	78	1.70	<1
B74456 (482824)		<1	1.57	23	38	1.13	269	16.5	2.90	13.5	633	<20	51	1.49	<1
B74457 (482825)		<1	1.36	19	19	1.15	261	14.9	3.01	8.7	429	<20	<50	0.72	<1

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T511658

PROJECT: AGAT00760

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 28, 2019	DATE RECEIVED: Aug 29, 2019					DATE REPORTED: Sep 20, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
B74458 (482826)	<1	1.38	19	20	1.16	262	13.9	3.00	8.3	408	<20	<50	0.72	<1	
B74459 (482827)	<1	1.52	16	18	1.18	246	13.2	2.50	9.5	323	<20	53	0.60	<1	
B74460 (482828)	<1	2.95	18	32	1.22	298	12.9	2.50	11.8	509	<20	89	0.93	<1	
B74461 (482829)	<1	0.94	16	27	0.97	207	13.8	2.72	7.8	378	<20	<50	0.67	<1	
B74462 (482830)	<1	1.32	18	26	1.31	253	16.8	2.30	11.3	407	<20	<50	1.48	<1	
B74463 (482831)	<1	1.39	18	29	1.38	267	8.7	2.18	8.9	514	<20	<50	1.66	<1	
B74464 (482832)	<1	1.30	15	18	1.19	290	16.2	2.25	8.9	378	<20	51	0.85	<1	
B74465 (482833)	<1	2.06	12	19	0.64	203	9.8	2.52	6.2	258	<20	65	0.60	<1	
B74466 (482834)	<1	0.23	3	14	4.57	1330	2.0	1.64	101	359	<20	<50	0.22	<1	

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## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
B74394 (482762)	8	<10	<5	89	<10	<10	<5	0.27	<5	<50	49.0	<1	7	64.3
B74395 (482763)	9	<10	<5	96	<10	<10	<5	0.27	<5	<50	50.0	<1	7	70.3
B74396 (482764)	8	<10	<5	74	<10	<10	<5	0.29	<5	<50	48.8	<1	7	61.7
B74397 (482765)	6	<10	<5	73	<10	<10	<5	0.29	<5	<50	40.7	<1	9	61.4
B74398 (482766)	6	<10	<5	73	<10	<10	<5	0.29	<5	<50	40.1	<1	8	63.2
B74399 (482767)	7	<10	<5	71	<10	<10	8	0.11	<5	<50	19.1	<1	10	44.2
B74400 (482768)	7	<10	<5	59	<10	<10	<5	0.21	<5	<50	37.4	<1	7	67.8
B74401 (482769)	4	<10	<5	64	<10	<10	<5	0.06	<5	<50	5.6	<1	10	28.4
B74402 (482770)	2	<10	<5	86	<10	<10	<5	0.03	<5	<50	4.1	<1	4	13.3
B74403 (482771)	9	<10	<5	51	<10	<10	<5	0.20	<5	<50	42.0	<1	15	46.0
B74404 (482772)	7	<10	<5	107	<10	<10	<5	0.20	<5	<50	41.4	<1	9	62.9
B74405 (482773)	5	<10	<5	149	<10	<10	<5	0.20	<5	<50	34.6	<1	6	42.3
B74406 (482774)	35	<10	<5	242	<10	<10	<5	0.90	<5	<50	246	<1	22	90.5
B74407 (482775)	4	<10	<5	214	<10	<10	<5	0.19	<5	<50	31.8	<1	4	43.1
B74408 (482776)	12	<10	<5	252	<10	<10	<5	0.08	<5	<50	40.4	<1	5	51.4
B74409 (482777)	4	<10	<5	253	<10	<10	<5	0.18	<5	<50	29.9	<1	5	42.5
B74410 (482778)	4	<10	<5	225	<10	<10	<5	0.16	<5	<50	28.0	<1	4	34.3
B74411 (482779)	4	<10	<5	224	<10	<10	<5	0.17	<5	<50	29.3	<1	5	40.0
B74412 (482780)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	3.8
B74413 (482781)	5	<10	<5	202	<10	<10	<5	0.20	<5	<50	32.9	<1	5	43.0
B74414 (482782)	6	<10	<5	170	<10	<10	<5	0.22	<5	<50	38.5	<1	4	66.8
B74415 (482783)	6	<10	<5	302	<10	<10	<5	0.22	<5	<50	40.6	<1	9	58.7
B74416 (482784)	23	<10	<5	1160	<10	<10	<5	1.99	<5	<50	263	<1	29	90.7
B74417 (482785)	5	<10	<5	257	<10	<10	<5	0.15	<5	<50	31.7	<1	7	59.5
B74418 (482786)	5	<10	<5	249	<10	<10	<5	0.15	<5	<50	31.6	<1	7	57.0
B74419 (482787)	5	<10	<5	325	<10	<10	<5	0.19	<5	<50	35.4	<1	8	73.3
B74420 (482788)	27	<10	<5	922	<10	<10	<5	1.66	<5	<50	239	<1	30	80.2
B74421 (482789)	6	<10	<5	355	<10	<10	<5	0.24	<5	<50	40.7	<1	9	60.6
B74422 (482790)	3	<10	<5	115	<10	<10	<5	0.10	<5	<50	10.1	<1	6	37.4
B74423 (482791)	7	<10	<5	140	<10	<10	<5	0.28	<5	<50	47.1	<1	7	98.5
B74424 (482792)	6	<10	<5	129	<10	<10	<5	0.26	<5	<50	34.4	<1	7	57.2
B74425 (482793)	4	<10	<5	151	<10	<10	<5	0.18	<5	<50	28.7	<1	6	56.0

Certified By:







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AGAT WORK ORDER: 19T511658

PROJECT: AGAT00760

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
B74426 (482794)	46	<10	<5	110	<10	<10	<5	0.72	<5	<50	313	<1	23	80.7
B74427 (482795)	12	<10	<5	137	<10	<10	<5	0.22	<5	<50	48.6	<1	7	60.5
B74428 (482796)	5	<10	<5	127	<10	<10	<5	0.14	<5	<50	22.1	<1	6	43.5
B74429 (482797)	5	<10	<5	92	<10	<10	<5	0.19	<5	<50	32.7	<1	7	50.5
B74430 (482798)	4	<10	<5	89	<10	<10	<5	0.22	<5	<50	30.4	<1	7	55.7
B74431 (482799)	5	<10	<5	93	<10	<10	<5	0.23	<5	<50	31.5	<1	7	45.2
B74432 (482800)	<1	<10	<5	73	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	3.4
B74433 (482801)	7	<10	<5	135	<10	<10	<5	0.28	<5	<50	45.5	<1	7	56.9
B74434 (482802)	5	<10	<5	149	<10	<10	<5	0.24	<5	<50	35.4	<1	7	51.1
B74435 (482803)	5	<10	<5	188	<10	<10	<5	0.22	<5	<50	37.3	<1	6	64.6
B74436 (482804)	5	<10	<5	254	<10	<10	<5	0.18	<5	<50	35.9	<1	6	43.1
B74437 (482805)	4	<10	<5	218	<10	<10	<5	0.12	<5	<50	32.3	<1	4	14.0
B74438 (482806)	5	<10	<5	215	<10	<10	<5	0.12	<5	<50	32.9	<1	4	13.0
B74439 (482807)	4	<10	<5	99	<10	<10	<5	0.11	<5	<50	34.7	<1	4	10.9
B74440 (482808)	5	<10	<5	247	<10	<10	<5	0.15	<5	<50	34.3	<1	6	22.1
B74441 (482809)	4	<10	<5	265	<10	<10	<5	0.17	<5	<50	32.1	<1	4	17.5
B74442 (482810)	4	<10	<5	281	<10	<10	<5	0.16	<5	<50	32.6	<1	4	109
B74443 (482811)	4	<10	<5	268	<10	<10	<5	0.14	<5	<50	28.8	<1	4	21.9
B74444 (482812)	5	<10	<5	269	<10	<10	<5	0.15	<5	<50	32.3	<1	4	124
B74445 (482813)	5	<10	<5	275	<10	<10	<5	0.17	<5	<50	36.8	<1	5	27.5
B74446 (482814)	11	<10	<5	388	<10	<10	<5	0.36	<5	<50	68.2	<1	13	39.5
B74447 (482815)	22	<10	<5	854	<10	<10	<5	2.41	<5	<50	271	<1	23	82.9
B74448 (482816)	24	<10	<5	830	<10	<10	<5	1.92	<5	<50	248	<1	23	77.5
B74449 (482817)	7	<10	<5	253	<10	<10	<5	0.17	<5	<50	50.0	<1	6	140
B74450 (482818)	9	<10	<5	250	<10	<10	<5	0.13	<5	<50	39.1	<1	6	61.2
B74451 (482819)	7	<10	<5	178	<10	<10	<5	0.17	<5	<50	42.6	<1	5	37.5
B74452 (482820)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	0.9	<1	2	3.1
B74453 (482821)	6	<10	<5	186	<10	<10	<5	0.18	<5	<50	43.8	<1	6	34.5
B74454 (482822)	8	<10	<5	140	<10	<10	<5	0.15	<5	<50	58.3	<1	6	24.5
B74455 (482823)	8	<10	<5	182	<10	<10	<5	0.17	<5	<50	54.8	<1	8	37.9
B74456 (482824)	6	<10	<5	283	<10	<10	<5	0.16	<5	<50	40.6	<1	7	33.1
B74457 (482825)	6	<10	<5	311	<10	<10	<5	0.17	<5	<50	32.6	<1	5	35.0

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T511658

PROJECT: AGAT00760

5623 McADAM ROAD  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
B74458 (482826)	6	<10	<5	311	<10	<10	<5	0.17	<5	<50	32.7	<1	5	34.1
B74459 (482827)	5	<10	<5	273	<10	<10	<5	0.16	<5	<50	28.2	<1	4	112
B74460 (482828)	9	<10	<5	281	<10	<10	<5	0.16	<5	<50	42.2	<1	6	103
B74461 (482829)	4	<10	<5	216	<10	<10	<5	0.14	<5	<50	30.4	<1	4	29.5
B74462 (482830)	5	<10	<5	228	<10	<10	<5	0.14	<5	<50	33.6	<1	5	40.6
B74463 (482831)	4	<10	<5	216	<10	<10	<5	0.14	<5	<50	31.6	<1	5	32.1
B74464 (482832)	4	<10	<5	193	<10	<10	<5	0.14	<5	<50	26.3	<1	5	56.9
B74465 (482833)	5	<10	<5	203	<10	<10	<5	0.13	<5	<50	30.3	<1	5	66.5
B74466 (482834)	43	<10	<5	171	<10	<10	<5	0.63	<5	<50	280	<1	20	75.6

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## Certificate of Analysis

AGAT WORK ORDER: 19T511658

PROJECT: AGAT00760

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 28, 2019      DATE RECEIVED: Aug 29, 2019      DATE REPORTED: Sep 20, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
B74394 (482762)				100
B74395 (482763)				94
B74396 (482764)				64
B74397 (482765)				58
B74398 (482766)				60
B74399 (482767)				102
B74400 (482768)				104
B74401 (482769)				96
B74402 (482770)				44
B74403 (482771)				101
B74404 (482772)				53
B74405 (482773)				51
B74406 (482774)				95
B74407 (482775)				34
B74408 (482776)				20
B74409 (482777)				44
B74410 (482778)				48
B74411 (482779)				54
B74412 (482780)				<5
B74413 (482781)				40
B74414 (482782)				39
B74415 (482783)				80
B74416 (482784)				289
B74417 (482785)				34
B74418 (482786)				35
B74419 (482787)				78
B74420 (482788)				188
B74421 (482789)				93
B74422 (482790)				67
B74423 (482791)				96
B74424 (482792)				55
B74425 (482793)				65

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# Certificate of Analysis

AGAT WORK ORDER: 19T511658

PROJECT: AGAT00760

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
B74426 (482794)			57
B74427 (482795)			61
B74428 (482796)			93
B74429 (482797)			128
B74430 (482798)			78
B74431 (482799)			81
B74432 (482800)			<5
B74433 (482801)			89
B74434 (482802)			94
B74435 (482803)			95
B74436 (482804)			103
B74437 (482805)			27
B74438 (482806)			23
B74439 (482807)			37
B74440 (482808)			44
B74441 (482809)			40
B74442 (482810)			20
B74443 (482811)			38
B74444 (482812)			34
B74445 (482813)			41
B74446 (482814)			154
B74447 (482815)			272
B74448 (482816)			213
B74449 (482817)			42
B74450 (482818)			59
B74451 (482819)			87
B74452 (482820)			<5
B74453 (482821)			82
B74454 (482822)			54
B74455 (482823)			74
B74456 (482824)			98
B74457 (482825)			60

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# Certificate of Analysis

AGAT WORK ORDER: 19T511658

PROJECT: AGAT00760

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
B74458 (482826)				66
B74459 (482827)				53
B74460 (482828)				75
B74461 (482829)				49
B74462 (482830)				90
B74463 (482831)				84
B74464 (482832)				91
B74465 (482833)				96
B74466 (482834)				49

Comments: RDL - Reported Detection Limit

482762-482834 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T511658

PROJECT: AGAT00760

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 28, 2019      DATE RECEIVED: Aug 29, 2019      DATE REPORTED: Sep 20, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
B74394 (482762)		0.004	
B74395 (482763)		0.001	
B74396 (482764)		0.001	
B74397 (482765)		0.002	
B74398 (482766)		0.001	
B74399 (482767)		0.001	
B74400 (482768)		0.002	
B74401 (482769)		<0.001	
B74402 (482770)		0.001	
B74403 (482771)		0.001	
B74404 (482772)		0.001	
B74405 (482773)		0.001	
B74406 (482774)		0.321	
B74407 (482775)		0.001	
B74408 (482776)		<0.001	
B74409 (482777)		0.003	
B74410 (482778)		0.004	
B74411 (482779)		0.001	
B74412 (482780)		<0.001	
B74413 (482781)		0.001	
B74414 (482782)		0.002	
B74415 (482783)		0.001	
B74416 (482784)		0.003	
B74417 (482785)		0.001	
B74418 (482786)		0.001	
B74419 (482787)		0.010	
B74420 (482788)		0.003	
B74421 (482789)		0.001	
B74422 (482790)		0.002	
B74423 (482791)		0.002	
B74424 (482792)		<0.001	
B74425 (482793)		0.003	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T511658

PROJECT: AGAT00760

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
B74426 (482794)			0.528
B74427 (482795)			0.002
B74428 (482796)			0.002
B74429 (482797)			0.003
B74430 (482798)			0.003
B74431 (482799)			0.002
B74432 (482800)			0.001
B74433 (482801)			0.003
B74434 (482802)			0.004
B74435 (482803)			0.004
B74436 (482804)			0.009
B74437 (482805)			0.009
B74438 (482806)			0.005
B74439 (482807)			0.007
B74440 (482808)			0.006
B74441 (482809)			0.005
B74442 (482810)			0.005
B74443 (482811)			0.004
B74444 (482812)			0.012
B74445 (482813)			0.006
B74446 (482814)			0.004
B74447 (482815)			0.004
B74448 (482816)			0.002
B74449 (482817)			0.004
B74450 (482818)			0.013
B74451 (482819)			0.019
B74452 (482820)			0.001
B74453 (482821)			0.006
B74454 (482822)			0.009
B74455 (482823)			0.008
B74456 (482824)			0.008
B74457 (482825)			0.007

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## Certificate of Analysis

AGAT WORK ORDER: 19T511658

PROJECT: AGAT00760

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au	ppm	0.001	
B74458 (482826)				0.008
B74459 (482827)				0.005
B74460 (482828)				0.008
B74461 (482829)				0.004
B74462 (482830)				0.007
B74463 (482831)				0.003
B74464 (482832)				0.010
B74465 (482833)				0.276
B74466 (482834)				1.23

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T511658

PROJECT: AGAT00760

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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 20, 2019


SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
B74394 (482762)		84.05
B74413 (482781)		89.27
B74433 (482801)		90.08
B74453 (482821)		85.43

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





# Certificate of Analysis

AGAT WORK ORDER: 19T511658

PROJECT: AGAT00760

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL: 0.01
B74394 (482762)	89.10

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	482762	< 0.5	< 0.5	0.0%	482776	< 0.5	< 0.5	0.0%	482787	0.7	0.9	25.0%	482801	< 0.5	< 0.5	0.0%
Al	482762	7.63	7.65	0.3%	482776	7.21	7.13	1.1%	482787	6.91	6.68	3.4%	482801	7.92	7.95	0.4%
As	482762	2	< 1		482776	< 1	< 1	0.0%	482787	85	86	1.2%	482801	2	< 1	
Ba	482762	682	696	2.0%	482776	495	491	0.8%	482787	365	345	5.6%	482801	332	337	1.5%
Be	482762	1.13	1.18	4.3%	482776	1.7	1.7	0.0%	482787	1.57	1.50	4.6%	482801	1.05	1.08	2.8%
Bi	482762	< 1	< 1	0.0%	482776	< 1	< 1	0.0%	482787	< 1	< 1	0.0%	482801	< 1	< 1	0.0%
Ca	482762	1.45	1.50	3.4%	482776	2.07	2.06	0.5%	482787	1.83	1.76	3.9%	482801	1.99	1.98	0.5%
Cd	482762	< 0.5	< 0.5	0.0%	482776	< 0.5	< 0.5	0.0%	482787	2.16	2.00	7.7%	482801	< 0.5	< 0.5	0.0%
Ce	482762	43	46	6.7%	482776	28	27	3.6%	482787	54	52	3.8%	482801	44	46	4.4%
Co	482762	9.91	9.81	1.0%	482776	6.5	6.6	1.5%	482787	7.53	7.43	1.3%	482801	9.2	8.8	4.4%
Cr	482762	94.0	79.5	16.7%	482776	74.6	75.7	1.5%	482787	68.7	62.7	9.1%	482801	93.9	101	7.3%
Cu	482762	15.2	14.9	2.0%	482776	< 0.5	< 0.5	0.0%	482787	12.5	12.5	0.0%	482801	12.3	13.1	6.3%
Fe	482762	2.93	2.89	1.4%	482776	2.43	2.40	1.2%	482787	2.01	1.94	3.5%	482801	2.66	2.70	1.5%
Ga	482762	16	17	6.1%	482776	18	18	0.0%	482787	17	17	0.0%	482801	18	18	0.0%
In	482762	< 1	< 1	0.0%	482776	< 1	< 1	0.0%	482787	< 1	< 1	0.0%	482801	< 1	< 1	0.0%
K	482762	1.97	1.98	0.5%	482776	2.19	2.16	1.4%	482787	1.32	1.26	4.7%	482801	1.81	1.82	0.6%
La	482762	22	24	8.7%	482776	12	12	0.0%	482787	26	25	3.9%	482801	21	22	4.7%
Li	482762	46	47	2.2%	482776	15	15	0.0%	482787	48	47	2.1%	482801	54	55	1.8%
Mg	482762	1.87	1.85	1.1%	482776	1.03	1.02	1.0%	482787	1.48	1.42	4.1%	482801	1.55	1.56	0.6%
Mn	482762	498	487	2.2%	482776	448	444	0.9%	482787	380	366	3.8%	482801	509	514	1.0%
Mo	482762	11.7	9.7	18.7%	482776	11.0	11.5	4.4%	482787	12.7	13.7	7.6%	482801	13.4	12.6	6.2%
Na	482762	2.62	2.71	3.4%	482776	4.16	4.17	0.2%	482787	3.78	3.59	5.2%	482801	2.53	2.54	0.4%
Ni	482762	20.9	20.6	1.4%	482776	19.0	19.0	0.0%	482787	13.4	12.0	11.0%	482801	16.0	15.4	3.8%
P	482762	554	589	6.1%	482776	2510	2490	0.8%	482787	680	645	5.3%	482801	540	514	4.9%
Pb	482762	< 20	< 20	0.0%	482776	< 20	< 20	0.0%	482787	35	42	18.2%	482801	< 20	< 20	0.0%
Rb	482762	61	62	1.6%	482776	55	56	1.8%	482787	< 50	< 50	0.0%	482801	68	67	1.5%
S	482762	0.09	0.09	0.0%	482776	0.014	0.015	6.9%	482787	0.134	0.145	7.9%	482801	0.152	0.157	3.2%
Sb	482762	< 1	< 1	0.0%	482776	< 1	< 1	0.0%	482787	< 1	< 1	0.0%	482801	< 1	< 1	0.0%
Sc	482762	8	8	0.0%	482776	12	12	0.0%	482787	5	4	22.2%	482801	7	7	0.0%
Se	482762	< 10	< 10	0.0%	482776	< 10	< 10	0.0%	482787	< 10	< 10	0.0%	482801	< 10	< 10	0.0%
Sn	482762	< 5	< 5	0.0%	482776	< 5	< 5	0.0%	482787	< 5	< 5	0.0%	482801	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	482762	89	92	3.3%	482776	252	253	0.4%	482787	325	314	3.4%	482801	135	136	0.7%
Ta	482762	< 10	< 10	0.0%	482776	< 10	< 10	0.0%	482787	< 10	< 10	0.0%	482801	< 10	< 10	0.0%
Te	482762	< 10	< 10	0.0%	482776	< 10	< 10	0.0%	482787	< 10	< 10	0.0%	482801	< 10	< 10	0.0%
Th	482762	< 5	< 5	0.0%	482776	< 5	< 5	0.0%	482787	< 5	< 5	0.0%	482801	< 5	< 5	0.0%
Ti	482762	0.273	0.275	0.7%	482776	0.08	0.08	0.0%	482787	0.185	0.179	3.3%	482801	0.28	0.28	0.0%
Tl	482762	< 5	< 5	0.0%	482776	< 5	< 5	0.0%	482787	< 5	< 5	0.0%	482801	< 5	< 5	0.0%
U	482762	< 50	< 50	0.0%	482776	< 50	< 50	0.0%	482787	< 50	< 50	0.0%	482801	< 50	< 50	0.0%
V	482762	49.0	49.3	0.6%	482776	40.4	39.8	1.5%	482787	35.4	33.0	7.0%	482801	45.5	45.3	0.4%
W	482762	< 1	< 1	0.0%	482776	< 1	< 1	0.0%	482787	< 1	< 1	0.0%	482801	< 1	< 1	0.0%
Y	482762	7	7	0.0%	482776	5	4	22.2%	482787	8	8	0.0%	482801	7	7	0.0%
Zn	482762	64.3	64.3	0.0%	482776	51.4	51.8	0.8%	482787	73.3	68.3	7.1%	482801	56.9	57.7	1.4%
Zr	482762	100	99	1.0%	482776	20	19	5.1%	482787	78	73	6.6%	482801	89	82	8.2%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	482812	< 0.5	< 0.5	0.0%	482826	< 0.5	< 0.5	0.0%								
Al	482812	7.51	7.40	1.5%	482826	7.60	7.52	1.1%								
As	482812	2	< 1		482826	1	< 1									
Ba	482812	520	549	5.4%	482826	843	836	0.8%								
Be	482812	1.4	1.4	0.0%	482826	1.1	1.1	0.0%								
Bi	482812	< 1	< 1	0.0%	482826	< 1	< 1	0.0%								
Ca	482812	1.58	1.60	1.3%	482826	1.91	1.88	1.6%								
Cd	482812	< 0.5	< 0.5	0.0%	482826	< 0.5	< 0.5	0.0%								
Ce	482812	33	33	0.0%	482826	41	45	9.3%								
Co	482812	7.09	6.90	2.7%	482826	9.1	8.9	2.2%								
Cr	482812	89.5	87.3	2.5%	482826	78.1	75.8	3.0%								
Cu	482812	69.4	68.8	0.9%	482826	48.4	47.4	2.1%								
Fe	482812	1.96	1.91	2.6%	482826	2.30	2.26	1.8%								
Ga	482812	19	18	5.4%	482826	19	19	0.0%								
In	482812	< 1	< 1	0.0%	482826	< 1	< 1	0.0%								
K	482812	1.10	1.09	0.9%	482826	1.38	1.38	0.0%								
La	482812	14	15	6.9%	482826	19	21	10.0%								
Li	482812	50	52	3.9%	482826	20	20	0.0%								
Mg	482812	1.13	1.10	2.7%	482826	1.16	1.16	0.0%								
Mn	482812	251	246	2.0%	482826	262	262	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	482812	14.6	12.3	17.1%	482826	13.9	13.6	2.2%								
Na	482812	3.08	3.12	1.3%	482826	3.00	2.99	0.3%								
Ni	482812	8.40	8.11	3.5%	482826	8.3	8.0	3.7%								
P	482812	432	427	1.2%	482826	408	423	3.6%								
Pb	482812	20	< 20		482826	< 20	< 20	0.0%								
Rb	482812	< 50	< 50	0.0%	482826	< 50	< 50	0.0%								
S	482812	0.47	0.46	2.2%	482826	0.72	0.69	4.3%								
Sb	482812	< 1	< 1	0.0%	482826	< 1	< 1	0.0%								
Sc	482812	5	4	22.2%	482826	6	6	0.0%								
Se	482812	< 10	< 10	0.0%	482826	< 10	< 10	0.0%								
Sn	482812	< 5	< 5	0.0%	482826	< 5	< 5	0.0%								
Sr	482812	269	272	1.1%	482826	311	309	0.6%								
Ta	482812	< 10	< 10	0.0%	482826	< 10	< 10	0.0%								
Te	482812	< 10	< 10	0.0%	482826	< 10	< 10	0.0%								
Th	482812	< 5	< 5	0.0%	482826	< 5	< 5	0.0%								
Ti	482812	0.15	0.15	0.0%	482826	0.17	0.17	0.0%								
Tl	482812	< 5	< 5	0.0%	482826	< 5	< 5	0.0%								
U	482812	< 50	< 50	0.0%	482826	< 50	< 50	0.0%								
V	482812	32.3	31.0	4.1%	482826	32.7	32.8	0.3%								
W	482812	< 1	< 1	0.0%	482826	< 1	< 1	0.0%								
Y	482812	4	4	0.0%	482826	5	5	0.0%								
Zn	482812	124	141	12.8%	482826	34.1	33.2	2.7%								
Zr	482812	34	33	3.0%	482826	66	65	1.5%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	482762	0.004	0.003	28.6%	482776	< 0.001	0.002		482787	0.0101	0.0121	18.0%	482801	0.003	0.003	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	482812	0.012	0.010	18.2%	482826	0.008	0.007	13.3%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS4H)				CRM #2 (ref.1P5R)				CRM #3 (ref.GS6F)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	3.18	105%	90% - 110%
Al	10.95	10.68	98%	90% - 110%	8.17	8.01	98%	90% - 110%	6.96	6.69	96%	90% - 110%	4.75	4.79	101%	90% - 110%
As					26	25	96%	90% - 110%	124	125	100%	90% - 110%				
Ba	340	329	97%	90% - 110%	540	513	95%	90% - 110%	186	178	95%	90% - 110%	216	215	99%	90% - 110%
Be	2.6	2.7	103%	90% - 110%	4.0	3.2	80%	90% - 110%								
Ca	5.72	5.38	94%	90% - 110%	0.907	0.846	93%	90% - 110%	4.01	3.68	92%	90% - 110%	10	9	89%	90% - 110%
Ce	122	127	104%	90% - 110%	98	103	105%	90% - 110%	24	22	91%	90% - 110%				
Co									22.1	22	100%	90% - 110%	191	179	93%	90% - 110%
Cr					60.3	59.5	99%	90% - 110%					670	606	90%	90% - 110%
Cu					150	150	100%	90% - 110%	88.6	80.6	91%	90% - 110%	7120	7242	102%	90% - 110%
Fe	4.34	4.26	98%	90% - 110%	3.77	3.83	102%	90% - 110%	7.56	7.54	100%	90% - 110%	12.71	12.41	98%	90% - 110%
Ga	35	37	105%	90% - 110%												
K	1.37	1.4	102%	90% - 110%					2.021	1.963	97%	90% - 110%	0.1021	0.1089	107%	90% - 110%
La	58	55	95%	90% - 110%	44	44	101%	90% - 110%					8.47	8.78	104%	90% - 110%
Li	37	39	105%	90% - 110%	47	47	99%	90% - 110%								
Mg	0.325	0.309	95%	90% - 110%	1.10	1.11	101%	90% - 110%	2.412	2.49	103%	90% - 110%	7.41	7.71	104%	90% - 110%
Mn					780	782	100%	90% - 110%	1510	1471	97%	90% - 110%				
Mo					14	14	99%	90% - 110%								
Na	5.267	5.365	102%	90% - 110%	1.624	1.628	100%	90% - 110%	0.617	0.629	102%	90% - 110%	0.112	0.12	107%	90% - 110%
Ni	9	8	88%	90% - 110%	32	35	110%	90% - 110%	77.1	75	97%	90% - 110%	2480	2236	90%	90% - 110%
P					750	734	98%	90% - 110%	892	876	98%	90% - 110%	731	715	98%	90% - 110%
Pb					31	29	92%	90% - 110%								
Rb	55	58	105%	90% - 110%	143	138	96%	90% - 110%								
S									0.348	0.328	94%	90% - 110%				
Sb													1.8	1.7	97%	90% - 110%
Sc	1.1	1	95%	90% - 110%	12	13	105%	90% - 110%					21.33	21.84	102%	90% - 110%
Sr	1191	1161	97%	90% - 110%	144	147	102%	90% - 110%	92.8	87.6	94%	90% - 110%	39	38	99%	90% - 110%
Ti	0.172	0.18	105%	90% - 110%	0.53	0.51	97%	90% - 110%					0.419	0.434	104%	90% - 110%
V	8	8	94%	90% - 110%	77	81	105%	90% - 110%					158	167	106%	90% - 110%
Y	119	124	104%	90% - 110%									12.67	13.3	105%	90% - 110%
Zn	93	95	102%	90% - 110%	130	125	96%	90% - 110%	208	204	98%	90% - 110%	112	115	102%	90% - 110%



CLIENT NAME: GOLDCORP BORDEN LIMITED

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Zr														35.7	38.2	107%	90% - 110%
<b>(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)</b>																	
	CRM #1 (ref.GS4H)				CRM #2 (ref.1P5R)				CRM #3 (ref.GS6F)				CRM #4 (ref.GSP7M)				
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	
Au	5.01	5.51	109%	90% - 110%	1.81	1.88	104%	90% - 110%	6.87	7.23	105%	90% - 110%	0.725	0.75	104%	90% - 110%	

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19T511658

PROJECT: AGAT00760

ATTENTION TO: Craig Yuill

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE



CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00761

AGAT WORK ORDER: 19T511680

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 18, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T511680

PROJECT: AGAT00761

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 28, 2019      DATE RECEIVED: Aug 29, 2019      DATE REPORTED: Sep 18, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
B74311 (482867)		1.87
B74312 (482868)		0.63
B74313 (482869)		2.14
B74314 (482870)		2.77
B74315 (482871)		2.39
B74316 (482872)		0.99
B74317 (482873)		2.39
B74318 (482874)		2.39
B74319 (482875)		2.08
B74320 (482876)		1.42
B74321 (482877)		2.37
B74322 (482878)		1.71
B74323 (482879)		3.06
B74324 (482880)		1.97
B74325 (482881)		1.89
B74326 (482882)		0.07
B74327 (482883)		2.43
B74328 (482884)		2.96
B74329 (482885)		1.55
B74330 (482886)		2.34
B74331 (482887)		2.45
B74332 (482888)		0.64
B74333 (482889)		2.39
B74334 (482890)		2.34
B74335 (482891)		3.04
B74336 (482892)		3.07
B74337 (482893)		3.44
B74338 (482894)		3.44
B74339 (482895)		2.52
B74340 (482896)		2.47
B74341 (482897)		2.57

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T511680

PROJECT: AGAT00761

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 28, 2019      DATE RECEIVED: Aug 29, 2019      DATE REPORTED: Sep 18, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
B74342 (482898)		2.57
B74343 (482899)		1.78
B74344 (482900)		1.79
B74345 (482901)		3.05
B74346 (482902)		0.07
B74347 (482903)		3.17
B74348 (482904)		2.44
B74349 (482905)		1.84
B74350 (482906)		2.92
B74351 (482907)		2.51
B74352 (482908)		0.60
B74353 (482909)		2.27
B74354 (482910)		2.87
B74355 (482911)		1.70
B74356 (482912)		2.08
B74357 (482913)		2.03
B74358 (482914)		2.03
B74359 (482915)		1.20
B74360 (482916)		1.63
B74361 (482917)		2.36
B74362 (482918)		2.32
B74363 (482919)		2.40
B74364 (482920)		2.47
B74365 (482921)		2.29
B74366 (482922)		0.07
B74367 (482923)		2.36
B74368 (482924)		2.35
B74369 (482925)		2.43
B74370 (482926)		2.48
B74371 (482927)		2.41
B74372 (482928)		0.65

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T511680

PROJECT: AGAT00761

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
B74373 (482929)		2.32
B74374 (482930)		2.40
B74375 (482931)		2.57
B74376 (482932)		0.57
B74377 (482933)		1.26
B74378 (482934)		1.26
B74379 (482935)		2.45
B74380 (482936)		2.36
B74381 (482937)		2.31
B74382 (482938)		2.35

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T511680

PROJECT: AGAT00761

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
B74311 (482867)		<0.5	6.27	1	1050	1.2	<1	1.54	<0.5	59	3.6	23.1	6.5	2.14	18
B74312 (482868)		<0.5	0.09	<1	25	<0.5	<1	30.0	<0.5	<1	0.5	2.7	<0.5	0.11	<5
B74313 (482869)		<0.5	7.47	<1	692	1.5	<1	1.61	<0.5	43	6.6	15.0	5.3	2.80	17
B74314 (482870)		<0.5	7.70	<1	389	1.0	<1	3.21	<0.5	44	8.5	18.7	6.5	2.91	16
B74315 (482871)		0.5	7.75	1	450	1.3	<1	2.31	<0.5	41	11.3	14.8	14.0	3.87	20
B74316 (482872)		<0.5	6.64	1	1230	1.2	<1	4.88	<0.5	35	12.4	43.6	10.8	3.65	14
B74317 (482873)		<0.5	7.86	<1	1180	1.0	<1	2.13	<0.5	38	6.3	10.0	67.0	2.52	21
B74318 (482874)		<0.5	7.90	<1	1190	1.0	<1	2.12	<0.5	37	6.0	10.5	72.2	2.56	20
B74319 (482875)		<0.5	7.75	<1	468	1.2	<1	2.30	<0.5	38	7.1	12.6	131	2.51	20
B74320 (482876)		<0.5	6.87	4	519	1.4	<1	1.09	0.6	60	7.0	17.2	76.3	2.50	17
B74321 (482877)		<0.5	7.10	<1	690	1.2	<1	1.63	0.6	32	10.5	19.5	88.3	2.57	18
B74322 (482878)		<0.5	7.74	<1	809	1.1	<1	1.93	<0.5	36	7.1	14.5	38.5	2.50	20
B74323 (482879)		<0.5	7.72	<1	1530	1.4	<1	0.89	<0.5	54	<0.5	12.6	4.1	0.87	18
B74324 (482880)		<0.5	7.41	2	1990	1.5	<1	0.64	<0.5	57	<0.5	13.0	10.9	1.04	20
B74325 (482881)		<0.5	7.50	1	664	1.2	<1	1.57	<0.5	38	11.2	10.0	70.8	2.84	20
B74326 (482882)		<0.5	7.30	<1	181	<0.5	<1	5.97	<0.5	9	39.4	154	101	7.91	19
B74327 (482883)		<0.5	7.54	<1	858	1.2	<1	2.06	<0.5	35	10.7	13.4	143	2.62	20
B74328 (482884)		<0.5	7.77	<1	440	1.2	<1	1.99	<0.5	33	6.5	10.6	62.9	2.26	21
B74329 (482885)		<0.5	7.72	1	354	1.2	<1	1.73	<0.5	34	2.3	9.7	25.7	1.21	18
B74330 (482886)		<0.5	7.87	3	356	1.5	<1	1.76	<0.5	51	4.7	10.0	63.8	2.13	20
B74331 (482887)		0.6	7.51	10	490	1.3	<1	1.18	<0.5	75	13.7	21.0	105	4.11	24
B74332 (482888)		<0.5	0.09	<1	14	<0.5	<1	29.0	<0.5	<1	<0.5	0.8	<0.5	0.11	<5
B74333 (482889)		<0.5	7.19	4	957	1.6	<1	1.90	<0.5	130	15.2	17.1	89.1	3.74	22
B74334 (482890)		<0.5	7.36	5	732	1.7	<1	1.59	<0.5	38	4.4	13.6	27.2	1.91	20
B74335 (482891)		0.6	7.81	5	1070	2.7	<1	1.37	<0.5	31	2.9	12.8	18.3	1.69	20
B74336 (482892)		<0.5	7.44	7	703	2.4	<1	0.76	<0.5	41	6.0	19.4	34.4	2.37	21
B74337 (482893)		<0.5	8.31	91	658	1.4	<1	2.58	2.7	40	27.5	62.8	62.9	5.87	23
B74338 (482894)		<0.5	8.42	102	690	1.4	<1	2.52	2.8	42	28.1	64.6	57.9	5.85	22
B74339 (482895)		0.6	8.34	49	450	0.9	<1	2.42	1.7	34	29.6	77.3	59.1	7.03	22
B74340 (482896)		<0.5	8.63	14	436	1.0	<1	2.25	0.6	58	26.8	83.0	53.0	5.51	24
B74341 (482897)		<0.5	7.64	3	479	0.9	<1	1.61	<0.5	60	19.8	64.4	49.2	4.07	20
B74342 (482898)		<0.5	7.87	<1	455	1.2	<1	1.68	<0.5	54	20.6	64.1	50.9	4.17	21

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## Certificate of Analysis

AGAT WORK ORDER: 19T511680

PROJECT: AGAT00761

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 28, 2019	DATE RECEIVED: Aug 29, 2019							DATE REPORTED: Sep 18, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
B74343 (482899)	<0.5	7.28	4	442	1.0	<1	3.75	0.5	43	31.8	118	61.9	6.12	18	
B74344 (482900)	<0.5	8.55	3	486	1.6	<1	1.94	<0.5	123	20.7	62.7	31.4	4.32	23	
B74345 (482901)	<0.5	7.77	<1	417	1.4	<1	3.07	<0.5	57	24.1	84.7	55.3	4.88	20	
B74346 (482902)	<0.5	7.09	1	143	<0.5	<1	6.52	<0.5	<1	40.2	161	158	8.46	16	
B74347 (482903)	0.5	8.42	<1	470	4.2	<1	1.59	<0.5	81	18.6	49.0	41.2	3.78	28	
B74348 (482904)	0.5	8.92	3	445	2.5	<1	1.67	<0.5	95	18.5	47.8	51.9	3.82	26	
B74349 (482905)	<0.5	8.20	5	368	1.7	<1	1.41	<0.5	74	15.9	36.9	41.7	3.23	24	
B74350 (482906)	<0.5	8.45	1	492	1.5	<1	1.85	<0.5	87	18.8	50.3	50.1	4.16	22	
B74351 (482907)	<0.5	8.37	<1	675	1.2	<1	2.05	<0.5	86	18.8	58.2	49.3	4.66	22	
B74352 (482908)	<0.5	0.09	<1	19	<0.5	<1	30.7	<0.5	<1	<0.5	3.5	<0.5	0.12	<5	
B74353 (482909)	<0.5	8.54	<1	905	1.2	<1	2.47	<0.5	87	17.5	53.5	38.2	4.73	24	
B74354 (482910)	<0.5	8.08	<1	731	1.3	<1	2.41	<0.5	112	19.0	62.0	55.0	4.59	21	
B74355 (482911)	<0.5	7.24	7	946	2.2	<1	1.42	<0.5	82	22.4	45.4	58.8	4.85	27	
B74356 (482912)	<0.5	7.23	<1	1370	1.6	<1	3.36	<0.5	131	16.0	56.6	44.3	4.08	19	
B74357 (482913)	<0.5	6.14	<1	1970	1.6	<1	8.63	<0.5	221	34.0	143	49.1	9.29	17	
B74358 (482914)	0.6	6.08	<1	2010	1.5	<1	8.34	<0.5	216	32.0	134	48.7	9.04	15	
B74359 (482915)	<0.5	8.30	<1	884	1.2	<1	1.91	<0.5	88	15.6	40.2	27.1	3.60	22	
B74360 (482916)	<0.5	8.92	<1	916	1.1	<1	1.94	<0.5	106	17.6	48.6	47.5	4.07	24	
B74361 (482917)	<0.5	8.18	<1	830	1.1	<1	1.77	<0.5	99	14.9	38.4	36.0	3.78	22	
B74362 (482918)	<0.5	8.53	<1	958	1.3	<1	1.79	<0.5	114	16.1	45.3	35.9	3.98	23	
B74363 (482919)	<0.5	8.16	<1	1060	1.5	<1	2.14	<0.5	97	15.2	43.1	37.3	3.62	21	
B74364 (482920)	<0.5	8.10	<1	788	1.4	<1	1.71	<0.5	104	13.5	36.4	33.9	3.52	21	
B74365 (482921)	<0.5	8.36	3	875	1.3	<1	1.94	0.5	109	15.9	41.5	34.2	3.90	22	
B74366 (482922)	<0.5	7.36	<1	184	0.5	<1	6.04	<0.5	9	39.9	162	105	8.03	19	
B74367 (482923)	<0.5	8.30	4	956	1.4	<1	1.88	<0.5	99	17.4	42.6	31.1	4.22	23	
B74368 (482924)	<0.5	8.32	4	1100	1.5	<1	1.91	<0.5	97	14.4	32.2	29.9	3.64	23	
B74369 (482925)	<0.5	8.18	2	884	1.2	<1	2.07	<0.5	104	13.5	35.5	31.1	3.60	22	
B74370 (482926)	<0.5	7.89	1	739	1.1	<1	1.68	<0.5	101	14.6	39.7	33.1	3.52	22	
B74371 (482927)	<0.5	7.86	<1	698	1.2	<1	1.59	<0.5	88	14.6	38.4	27.5	3.66	21	
B74372 (482928)	<0.5	0.09	<1	17	<0.5	<1	31.3	<0.5	<1	0.6	1.9	3.9	0.11	<5	
B74373 (482929)	<0.5	7.89	6	867	1.2	<1	1.90	<0.5	97	13.4	32.8	23.8	3.29	21	
B74374 (482930)	<0.5	8.04	<1	601	1.2	<1	1.75	<0.5	99	14.1	34.6	29.5	3.33	21	

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## Certificate of Analysis

AGAT WORK ORDER: 19T511680

PROJECT: AGAT00761

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 28, 2019	DATE RECEIVED: Aug 29, 2019					DATE REPORTED: Sep 18, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
B74375 (482931)	<0.5	8.39	<1	604	1.3	<1	2.27	<0.5	93	14.4	34.9	40.6	3.46	22	
B74376 (482932)	0.9	5.30	<1	746	5.6	<1	3.76	<0.5	139	38.1	352	45.4	5.64	16	
B74377 (482933)	<0.5	8.35	1	791	1.3	<1	1.78	<0.5	107	13.9	36.2	28.2	3.65	22	
B74378 (482934)	<0.5	8.34	2	797	1.4	<1	1.83	<0.5	112	14.2	36.8	28.8	3.66	22	
B74379 (482935)	<0.5	8.17	4	856	1.2	<1	1.71	<0.5	111	16.3	35.0	33.1	3.50	22	
B74380 (482936)	<0.5	8.16	<1	1170	1.3	<1	1.64	<0.5	114	13.7	40.4	30.3	3.58	22	
B74381 (482937)	<0.5	8.11	<1	937	1.2	<1	1.67	<0.5	118	13.4	36.5	32.5	3.55	21	
B74382 (482938)	<0.5	8.08	<1	913	1.2	<1	1.52	<0.5	109	14.0	33.2	31.7	3.48	21	

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ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 18, 2019

SAMPLE TYPE: Drill Core

Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
B74311 (482867)	<1	4.00	28	56	1.06	382	3.2	2.04	9.9	575	<20	113	0.06	<1
B74312 (482868)	<1	0.04	2	2	2.13	112	<0.5	0.04	<0.5	93	<20	<50	0.05	<1
B74313 (482869)	<1	2.56	20	68	1.91	564	2.4	2.62	10.0	558	<20	106	0.10	<1
B74314 (482870)	<1	2.01	22	29	1.84	751	9.7	2.28	16.4	513	<20	61	0.21	<1
B74315 (482871)	<1	2.13	20	45	1.98	781	4.9	2.60	10.9	752	<20	59	0.34	<1
B74316 (482872)	<1	1.86	17	25	2.11	828	3.1	2.75	27.6	621	<20	<50	0.18	<1
B74317 (482873)	<1	1.21	17	17	1.39	296	3.0	2.98	7.1	496	<20	<50	0.73	<1
B74318 (482874)	<1	1.20	17	16	1.39	296	3.6	2.99	6.6	481	<20	<50	0.74	<1
B74319 (482875)	<1	1.24	17	11	1.52	280	2.1	2.89	7.1	643	<20	<50	0.75	<1
B74320 (482876)	<1	1.89	28	66	1.65	316	2.0	2.26	9.8	404	<20	85	0.62	<1
B74321 (482877)	<1	1.63	15	17	1.50	321	3.5	2.87	13.4	480	<20	71	0.73	<1
B74322 (482878)	<1	1.67	16	22	1.42	359	2.7	3.42	8.5	401	<20	80	0.40	<1
B74323 (482879)	<1	2.69	23	10	0.20	118	2.2	2.68	1.6	243	20	72	0.04	<1
B74324 (482880)	<1	4.43	24	9	0.21	119	2.0	1.85	3.0	250	23	125	0.14	<1
B74325 (482881)	<1	1.59	18	14	1.19	300	3.3	3.10	5.6	517	<20	69	0.75	<1
B74326 (482882)	<1	0.42	9	10	4.50	1370	1.7	2.28	109	871	<20	<50	0.10	<1
B74327 (482883)	<1	1.44	16	17	1.15	253	5.4	3.11	6.7	824	<20	60	0.67	<1
B74328 (482884)	<1	1.39	15	21	1.20	290	1.9	3.06	6.2	462	<20	65	0.33	<1
B74329 (482885)	<1	0.99	15	9	0.43	152	1.5	3.45	1.6	211	<20	<50	0.21	<1
B74330 (482886)	<1	1.08	22	16	0.71	211	1.5	3.27	3.3	186	<20	<50	0.60	<1
B74331 (482887)	<1	3.55	33	20	1.01	318	2.2	2.52	8.9	131	30	118	1.47	<1
B74332 (482888)	<1	0.03	2	<1	3.27	127	<0.5	0.04	0.7	75	<20	<50	0.05	<1
B74333 (482889)	<1	2.38	55	15	0.93	312	2.1	3.29	9.0	229	<20	79	1.47	<1
B74334 (482890)	<1	2.99	17	8	0.56	228	4.1	2.99	5.6	299	<20	92	0.53	<1
B74335 (482891)	<1	1.95	14	16	0.56	207	2.3	3.27	4.5	308	<20	69	0.49	<1
B74336 (482892)	<1	4.12	18	18	0.47	244	2.5	2.77	9.3	261	<20	118	0.86	<1
B74337 (482893)	<1	2.26	19	31	1.64	882	2.2	2.61	58.0	505	<20	91	0.68	<1
B74338 (482894)	<1	2.35	20	33	1.63	892	2.7	2.62	56.8	509	<20	94	0.65	<1
B74339 (482895)	<1	1.38	18	30	1.75	1090	2.7	1.98	59.1	836	<20	<50	0.19	<1
B74340 (482896)	<1	1.61	28	20	1.77	824	2.2	2.47	74.5	614	<20	53	0.19	<1
B74341 (482897)	<1	1.46	28	24	1.37	557	2.7	2.60	56.2	586	<20	55	0.18	<1
B74342 (482898)	<1	1.57	24	34	1.37	642	3.4	2.71	54.9	468	<20	61	0.20	<1

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 28, 2019	DATE RECEIVED: Aug 29, 2019					DATE REPORTED: Sep 18, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
B74343 (482899)	<1	2.02	21	25	2.52	1220	2.4	1.37	87.4	512	34	55	0.23	<1	
B74344 (482900)	<1	2.41	53	28	1.48	701	2.4	3.28	68.4	361	<20	109	0.11	<1	
B74345 (482901)	<1	2.23	26	27	1.83	850	2.3	2.41	59.6	518	<20	86	0.19	<1	
B74346 (482902)	<1	0.19	4	13	4.50	1420	1.6	2.34	87.3	425	<20	<50	0.17	<1	
B74347 (482903)	<1	2.55	34	27	1.23	513	2.2	3.80	52.5	427	<20	106	0.16	<1	
B74348 (482904)	<1	3.25	40	27	1.27	526	2.5	3.36	53.3	688	<20	140	0.17	<1	
B74349 (482905)	<1	5.11	32	9	1.04	472	2.5	3.05	46.0	407	<20	161	0.15	<1	
B74350 (482906)	<1	2.24	38	29	1.35	645	2.5	2.44	54.2	820	<20	102	0.17	<1	
B74351 (482907)	<1	2.33	37	35	1.39	615	3.0	2.15	56.2	816	<20	78	0.18	<1	
B74352 (482908)	<1	0.03	2	<1	2.31	124	<0.5	0.04	0.7	76	<20	<50	0.06	<1	
B74353 (482909)	<1	2.15	38	39	1.45	555	2.5	2.23	53.0	771	<20	80	0.13	<1	
B74354 (482910)	<1	2.19	46	22	1.37	715	2.3	2.52	58.8	707	<20	82	0.19	<1	
B74355 (482911)	<1	4.11	35	25	1.39	652	3.5	2.44	62.5	405	<20	122	0.23	<1	
B74356 (482912)	<1	2.21	55	23	1.73	688	1.7	2.77	50.2	697	22	76	0.18	<1	
B74357 (482913)	<1	3.33	101	36	4.63	1660	3.2	1.80	63.4	7660	<20	164	0.23	<1	
B74358 (482914)	<1	3.34	101	38	4.49	1640	2.7	1.74	59.2	7600	<20	164	0.22	<1	
B74359 (482915)	<1	1.91	39	26	1.22	542	2.2	3.15	42.7	951	<20	71	0.12	<1	
B74360 (482916)	<1	2.10	47	29	1.37	527	2.1	3.29	48.6	773	<20	77	0.20	<1	
B74361 (482917)	<1	1.91	44	26	1.28	587	2.2	3.07	40.1	905	<20	66	0.14	<1	
B74362 (482918)	<1	2.18	50	33	1.47	508	2.4	3.32	46.0	1090	<20	74	0.15	<1	
B74363 (482919)	<1	1.99	42	24	1.29	595	2.8	3.26	42.6	926	23	63	0.16	<1	
B74364 (482920)	<1	1.92	46	25	1.39	559	1.9	3.32	34.9	962	<20	62	0.14	<1	
B74365 (482921)	<1	1.80	46	22	1.27	609	6.2	3.64	43.5	1240	<20	60	0.15	<1	
B74366 (482922)	<1	0.43	10	11	4.52	1370	2.3	2.35	110	894	<20	<50	0.10	<1	
B74367 (482923)	<1	1.90	43	30	1.33	682	3.5	3.64	50.2	1360	<20	63	0.14	<1	
B74368 (482924)	<1	1.68	44	23	1.24	435	2.3	3.82	39.8	1070	<20	59	0.14	<1	
B74369 (482925)	<1	1.49	45	27	1.37	647	2.2	3.28	33.2	890	<20	<50	0.14	<1	
B74370 (482926)	<1	1.38	45	24	1.43	435	2.2	3.47	36.2	833	<20	<50	0.16	<1	
B74371 (482927)	<1	1.10	40	17	1.38	503	1.6	4.01	38.6	962	<20	<50	0.14	<1	
B74372 (482928)	<1	0.02	2	1	1.57	114	<0.5	0.05	0.8	103	<20	<50	0.06	<1	
B74373 (482929)	<1	1.25	43	24	1.33	451	1.7	3.93	34.0	838	<20	<50	0.14	<1	
B74374 (482930)	<1	1.52	44	31	1.34	469	1.7	3.71	34.6	849	<20	<50	0.16	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T511680

PROJECT: AGAT00761

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Rb ppm	S %	Sb ppm
		1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
B74375 (482931)		<1	1.31	42	24	1.17	588	2.3	3.60	38.0	799	<20	<50	0.17	<1
B74376 (482932)		<1	2.13	59	55	6.04	988	1.7	3.73	313	1360	<20	77	0.10	<1
B74377 (482933)		<1	1.67	47	25	1.27	579	1.9	3.73	34.3	1040	<20	63	0.10	<1
B74378 (482934)		<1	1.67	49	25	1.31	577	2.1	3.78	37.5	1030	<20	64	0.11	<1
B74379 (482935)		<1	1.78	49	26	1.25	425	1.7	3.64	38.2	1050	<20	62	0.14	<1
B74380 (482936)		<1	1.77	50	22	1.24	553	2.3	3.55	36.9	1120	<20	58	0.14	<1
B74381 (482937)		<1	1.73	50	26	1.37	549	1.4	3.58	32.1	1130	<20	<50	0.15	<1
B74382 (482938)		<1	1.80	47	27	1.34	550	1.6	3.49	31.9	867	<20	52	0.14	<1

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 18, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
B74311 (482867)	6	<10	<5	218	<10	<10	<5	0.14	<5	<50	33.0	<1	5	80.1
B74312 (482868)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	3.3
B74313 (482869)	6	<10	<5	100	<10	<10	<5	0.23	<5	<50	38.0	<1	7	58.3
B74314 (482870)	7	<10	<5	111	<10	<10	<5	0.25	<5	<50	44.7	<1	8	59.1
B74315 (482871)	9	<10	<5	148	<10	<10	<5	0.38	<5	<50	49.8	<1	10	69.7
B74316 (482872)	16	<10	<5	348	<10	<10	<5	0.14	<5	<50	62.2	<1	6	123
B74317 (482873)	5	<10	<5	259	<10	<10	<5	0.17	<5	<50	33.7	<1	5	93.0
B74318 (482874)	5	<10	<5	262	<10	<10	<5	0.17	<5	<50	33.0	<1	4	80.7
B74319 (482875)	4	<10	<5	291	<10	<10	<5	0.17	<5	<50	31.5	<1	5	22.0
B74320 (482876)	6	<10	<5	228	<10	<10	<5	0.20	<5	<50	37.5	<1	5	233
B74321 (482877)	6	<10	<5	257	<10	<10	<5	0.17	<5	<50	36.4	<1	5	305
B74322 (482878)	6	<10	<5	290	<10	<10	<5	0.19	<5	<50	37.2	<1	5	61.1
B74323 (482879)	2	<10	<5	198	<10	<10	21	0.03	<5	<50	6.2	<1	6	22.2
B74324 (482880)	3	<10	<5	152	<10	<10	23	0.03	<5	<50	11.1	<1	6	45.9
B74325 (482881)	5	<10	<5	231	<10	<10	<5	0.17	<5	<50	27.8	<1	6	68.6
B74326 (482882)	35	<10	<5	246	<10	<10	<5	0.90	<5	<50	245	<1	23	87.6
B74327 (482883)	5	<10	<5	293	<10	<10	<5	0.15	<5	<50	27.7	<1	5	63.6
B74328 (482884)	4	<10	<5	281	<10	<10	<5	0.17	<5	<50	28.2	<1	5	39.3
B74329 (482885)	3	<10	<5	261	<10	<10	<5	0.07	<5	<50	9.4	<1	4	16.0
B74330 (482886)	5	<10	<5	263	<10	<10	<5	0.13	<5	<50	19.1	<1	6	36.7
B74331 (482887)	7	<10	<5	174	<10	<10	<5	0.19	<5	<50	45.8	<1	6	98.5
B74332 (482888)	<1	<10	<5	66	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	2.2
B74333 (482889)	7	<10	<5	213	<10	<10	13	0.14	<5	<50	40.0	<1	8	103
B74334 (482890)	6	<10	<5	225	<10	<10	<5	0.14	<5	<50	30.4	<1	6	55.7
B74335 (482891)	5	<10	<5	184	<10	<10	<5	0.12	<5	<50	27.4	<1	5	48.9
B74336 (482892)	6	<10	<5	105	<10	<10	<5	0.13	<5	<50	43.5	<1	5	61.0
B74337 (482893)	25	<10	<5	289	<10	<10	<5	0.51	<5	<50	178	<1	15	119
B74338 (482894)	25	<10	<5	287	<10	<10	<5	0.50	<5	<50	176	<1	15	116
B74339 (482895)	28	<10	<5	253	<10	<10	<5	0.63	<5	<50	211	<1	20	106
B74340 (482896)	25	<10	<5	262	<10	<10	<5	0.46	<5	<50	179	<1	17	86.6
B74341 (482897)	16	<10	<5	361	<10	<10	<5	0.34	<5	<50	118	<1	12	75.4
B74342 (482898)	16	<10	<5	353	<10	<10	<5	0.34	<5	<50	115	<1	13	100

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T511680

PROJECT: AGAT00761

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 18, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
B74343 (482899)	29	<10	<5	419	<10	<10	<5	0.44	<5	<50	183	<1	19	164
B74344 (482900)	19	<10	<5	268	<10	<10	12	0.36	<5	<50	130	<1	13	94.6
B74345 (482901)	23	<10	<5	401	<10	<10	<5	0.40	<5	<50	156	<1	15	139
B74346 (482902)	46	<10	<5	115	<10	<10	<5	0.74	<5	<50	309	<1	22	79.6
B74347 (482903)	16	<10	<5	296	<10	<10	<5	0.21	<5	<50	105	<1	16	88.2
B74348 (482904)	17	<10	<5	307	<10	<10	<5	0.28	<5	<50	108	<1	16	86.9
B74349 (482905)	13	<10	<5	221	<10	<10	8	0.21	<5	<50	80.4	<1	8	77.1
B74350 (482906)	18	<10	<5	437	<10	<10	<5	0.38	<5	<50	125	<1	13	87.3
B74351 (482907)	19	<10	<5	443	<10	<10	<5	0.41	<5	<50	127	<1	15	83.6
B74352 (482908)	1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.5	<1	2	3.3
B74353 (482909)	17	<10	<5	485	<10	<10	<5	0.41	<5	<50	130	<1	14	110
B74354 (482910)	18	<10	<5	511	<10	<10	<5	0.36	<5	<50	121	<1	14	111
B74355 (482911)	11	<10	<5	199	<10	<10	<5	0.21	<5	<50	83.6	<1	7	73.5
B74356 (482912)	17	<10	<5	551	<10	<10	12	0.27	<5	<50	93.2	<1	13	104
B74357 (482913)	17	<10	<5	1590	<10	<10	<5	1.22	<5	<50	201	<1	32	95.2
B74358 (482914)	16	<10	<5	1560	<10	<10	<5	1.26	<5	<50	198	<1	31	93.7
B74359 (482915)	13	<10	<5	615	<10	<10	<5	0.35	<5	<50	105	<1	12	81.4
B74360 (482916)	15	<10	<5	735	<10	<10	<5	0.42	<5	<50	118	<1	11	128
B74361 (482917)	13	<10	<5	647	<10	<10	<5	0.35	<5	<50	98.8	<1	11	80.2
B74362 (482918)	14	<10	<5	720	<10	<10	<5	0.37	<5	<50	108	<1	13	92.1
B74363 (482919)	13	<10	<5	704	<10	<10	<5	0.32	<5	<50	97.8	<1	12	99.9
B74364 (482920)	11	<10	<5	795	<10	<10	<5	0.33	<5	<50	86.4	<1	11	90.4
B74365 (482921)	14	<10	<5	751	<10	<10	<5	0.33	<5	<50	102	<1	13	109
B74366 (482922)	35	<10	<5	253	<10	<10	<5	0.92	<5	<50	246	<1	23	87.4
B74367 (482923)	14	<10	<5	713	<10	<10	<5	0.32	<5	<50	107	<1	13	89.2
B74368 (482924)	11	<10	<5	773	<10	<10	<5	0.30	<5	<50	88.5	<1	11	76.3
B74369 (482925)	12	<10	<5	815	<10	<10	<5	0.34	<5	<50	88.3	<1	16	83.7
B74370 (482926)	10	<10	<5	793	<10	<10	<5	0.33	<5	<50	89.4	<1	12	90.7
B74371 (482927)	10	<10	<5	759	<10	<10	<5	0.29	<5	<50	83.4	<1	12	125
B74372 (482928)	1	<10	<5	78	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	2.5
B74373 (482929)	10	<10	<5	722	<10	<10	<5	0.29	<5	<50	79.3	<1	12	132
B74374 (482930)	10	<10	<5	835	<10	<10	<5	0.31	<5	<50	81.9	<1	12	92.3

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T511680

PROJECT: AGAT00761

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sc ppm 1	Se ppm 10	Sn ppm 5	Sr ppm 1	Ta ppm 10	Te ppm 10	Th ppm 5	Ti % 0.01	Tl ppm 5	U ppm 50	V ppm 0.5	W ppm 1	Y ppm 1	Zn ppm 0.5
B74375 (482931)		12	<10	<5	881	<10	<10	<5	0.34	<5	<50	92.8	<1	13	78.9
B74376 (482932)		16	<10	<5	821	<10	<10	<5	0.66	<5	<50	150	<1	33	72.2
B74377 (482933)		12	<10	<5	782	<10	<10	<5	0.32	<5	<50	91.4	<1	13	80.6
B74378 (482934)		12	<10	<5	803	<10	<10	<5	0.33	<5	<50	93.8	<1	13	82.9
B74379 (482935)		12	<10	<5	783	<10	<10	<5	0.32	<5	<50	96.1	<1	12	73.3
B74380 (482936)		12	<10	<5	727	<10	<10	<5	0.32	<5	<50	92.5	<1	13	89.0
B74381 (482937)		11	<10	<5	749	<10	<10	<5	0.32	<5	<50	87.8	<1	12	88.2
B74382 (482938)		11	<10	<5	723	<10	<10	<5	0.32	<5	<50	87.1	<1	11	85.1

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ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 28, 2019      DATE RECEIVED: Aug 29, 2019      DATE REPORTED: Sep 18, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
B74311 (482867)				37
B74312 (482868)				<5
B74313 (482869)				77
B74314 (482870)				97
B74315 (482871)				107
B74316 (482872)				61
B74317 (482873)				56
B74318 (482874)				56
B74319 (482875)				50
B74320 (482876)				36
B74321 (482877)				34
B74322 (482878)				26
B74323 (482879)				21
B74324 (482880)				26
B74325 (482881)				71
B74326 (482882)				94
B74327 (482883)				62
B74328 (482884)				73
B74329 (482885)				41
B74330 (482886)				86
B74331 (482887)				81
B74332 (482888)				<5
B74333 (482889)				44
B74334 (482890)				43
B74335 (482891)				90
B74336 (482892)				48
B74337 (482893)				93
B74338 (482894)				91
B74339 (482895)				92
B74340 (482896)				105
B74341 (482897)				60
B74342 (482898)				86

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T511680

PROJECT: AGAT00761

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
B74343 (482899)			77
B74344 (482900)			93
B74345 (482901)			86
B74346 (482902)			54
B74347 (482903)			152
B74348 (482904)			146
B74349 (482905)			60
B74350 (482906)			132
B74351 (482907)			138
B74352 (482908)			<5
B74353 (482909)			133
B74354 (482910)			121
B74355 (482911)			76
B74356 (482912)			95
B74357 (482913)			294
B74358 (482914)			351
B74359 (482915)			103
B74360 (482916)			75
B74361 (482917)			89
B74362 (482918)			80
B74363 (482919)			106
B74364 (482920)			85
B74365 (482921)			117
B74366 (482922)			94
B74367 (482923)			120
B74368 (482924)			130
B74369 (482925)			128
B74370 (482926)			132
B74371 (482927)			108
B74372 (482928)			<5
B74373 (482929)			109
B74374 (482930)			118

Certified By:



## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 18, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
B74375 (482931)	128
B74376 (482932)	299
B74377 (482933)	125
B74378 (482934)	134
B74379 (482935)	133
B74380 (482936)	137
B74381 (482937)	102
B74382 (482938)	83

Comments: RDL - Reported Detection Limit

482867-482938 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T511680

PROJECT: AGAT00761

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 28, 2019      DATE RECEIVED: Aug 29, 2019      DATE REPORTED: Sep 18, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
B74311 (482867)		0.002	
B74312 (482868)		<0.001	
B74313 (482869)		<0.001	
B74314 (482870)		0.001	
B74315 (482871)		0.002	
B74316 (482872)		0.003	
B74317 (482873)		0.004	
B74318 (482874)		0.002	
B74319 (482875)		0.005	
B74320 (482876)		0.006	
B74321 (482877)		0.007	
B74322 (482878)		0.003	
B74323 (482879)		0.002	
B74324 (482880)		0.003	
B74325 (482881)		0.007	
B74326 (482882)		0.339	
B74327 (482883)		0.013	
B74328 (482884)		0.005	
B74329 (482885)		0.003	
B74330 (482886)		0.015	
B74331 (482887)		0.023	
B74332 (482888)		<0.001	
B74333 (482889)		0.035	
B74334 (482890)		0.024	
B74335 (482891)		0.029	
B74336 (482892)		0.053	
B74337 (482893)		0.464	
B74338 (482894)		0.393	
B74339 (482895)		0.008	
B74340 (482896)		0.010	
B74341 (482897)		0.011	
B74342 (482898)		0.068	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T511680

PROJECT: AGAT00761

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 28, 2019      DATE RECEIVED: Aug 29, 2019      DATE REPORTED: Sep 18, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
B74343 (482899)			0.005
B74344 (482900)			0.023
B74345 (482901)			0.012
B74346 (482902)			0.515
B74347 (482903)			0.005
B74348 (482904)			0.009
B74349 (482905)			0.010
B74350 (482906)			0.005
B74351 (482907)			0.004
B74352 (482908)			<0.001
B74353 (482909)			0.004
B74354 (482910)			0.004
B74355 (482911)			0.005
B74356 (482912)			0.003
B74357 (482913)			0.002
B74358 (482914)			0.001
B74359 (482915)			0.006
B74360 (482916)			0.006
B74361 (482917)			0.005
B74362 (482918)			0.004
B74363 (482919)			0.006
B74364 (482920)			0.005
B74365 (482921)			0.006
B74366 (482922)			0.330
B74367 (482923)			0.003
B74368 (482924)			0.007
B74369 (482925)			0.005
B74370 (482926)			0.005
B74371 (482927)			0.004
B74372 (482928)			<0.001
B74373 (482929)			0.004
B74374 (482930)			0.005

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T511680

PROJECT: AGAT00761

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
B74375 (482931)			0.004
B74376 (482932)			0.002
B74377 (482933)			0.003
B74378 (482934)			0.003
B74379 (482935)			0.003
B74380 (482936)			0.005
B74381 (482937)			0.004
B74382 (482938)			0.003

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T511680

PROJECT: AGAT00761

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 18, 2019

SAMPLE TYPE: Drill Core

	Analyte:	Pass %
	Unit:	%
Sample ID (AGAT ID)	RDL:	0.01
B74311 (482867)		84.62
B74330 (482886)		85.53
B74350 (482906)		84.21
B74370 (482926)		85.59

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T511680

PROJECT: AGAT00761

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Aug 28, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 18, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL: 0.01
B74311 (482867)	85.34

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	482867	< 0.5	< 0.5	0.0%	482881	< 0.5	< 0.5	0.0%	482892	< 0.5	< 0.5	0.0%	482906	< 0.5	0.6	
Al	482867	6.27	6.20	1.1%	482881	7.50	7.41	1.2%	482892	7.44	7.41	0.4%	482906	8.45	8.40	0.6%
As	482867	1	4		482881	1	2		482892	7	9	25.0%	482906	1	< 1	
Ba	482867	1050	1010	3.9%	482881	664	641	3.5%	482892	703	694	1.3%	482906	492	488	0.8%
Be	482867	1.2	1.2	0.0%	482881	1.2	1.2	0.0%	482892	2.4	2.4	0.0%	482906	1.54	1.56	1.3%
Bi	482867	< 1	< 1	0.0%	482881	< 1	< 1	0.0%	482892	< 1	< 1	0.0%	482906	< 1	< 1	0.0%
Ca	482867	1.54	1.50	2.6%	482881	1.57	1.51	3.9%	482892	0.755	0.746	1.2%	482906	1.85	1.82	1.6%
Cd	482867	< 0.5	< 0.5	0.0%	482881	< 0.5	< 0.5	0.0%	482892	< 0.5	< 0.5	0.0%	482906	< 0.5	< 0.5	0.0%
Ce	482867	59	57	3.4%	482881	38	38	0.0%	482892	41	38	7.6%	482906	87	91	4.5%
Co	482867	3.63	3.86	6.1%	482881	11.2	11.5	2.6%	482892	6.0	6.6	9.5%	482906	18.8	18.8	0.0%
Cr	482867	23.1	17.9	25.4%	482881	10.0	11.1	10.4%	482892	19.4	16.0	19.2%	482906	50.3	54.4	7.8%
Cu	482867	6.5	5.7	13.1%	482881	70.8	69.3	2.1%	482892	34.4	32.8	4.8%	482906	50.1	49.7	0.8%
Fe	482867	2.14	2.09	2.4%	482881	2.84	2.81	1.1%	482892	2.37	2.38	0.4%	482906	4.16	4.11	1.2%
Ga	482867	18	18	0.0%	482881	20	20	0.0%	482892	21	21	0.0%	482906	22	23	4.4%
In	482867	< 1	< 1	0.0%	482881	< 1	< 1	0.0%	482892	< 1	< 1	0.0%	482906	< 1	< 1	0.0%
K	482867	4.00	4.11	2.7%	482881	1.59	1.56	1.9%	482892	4.12	4.12	0.0%	482906	2.24	2.21	1.3%
La	482867	28	27	3.6%	482881	18	18	0.0%	482892	18	17	5.7%	482906	38	41	7.6%
Li	482867	56	59	5.2%	482881	14	14	0.0%	482892	18	18	0.0%	482906	29	28	3.5%
Mg	482867	1.06	1.04	1.9%	482881	1.19	1.18	0.8%	482892	0.467	0.458	1.9%	482906	1.35	1.33	1.5%
Mn	482867	382	375	1.8%	482881	300	296	1.3%	482892	244	244	0.0%	482906	645	633	1.9%
Mo	482867	3.2	2.3		482881	3.3	3.8	14.1%	482892	2.51	2.71	7.7%	482906	2.52	3.06	19.4%
Na	482867	2.04	1.99	2.5%	482881	3.10	3.02	2.6%	482892	2.77	2.70	2.6%	482906	2.44	2.43	0.4%
Ni	482867	9.91	9.35	5.8%	482881	5.6	5.6	0.0%	482892	9.34	10.0	6.8%	482906	54.2	54.8	1.1%
P	482867	575	564	1.9%	482881	517	505	2.3%	482892	261	260	0.4%	482906	820	833	1.6%
Pb	482867	< 20	< 20	0.0%	482881	< 20	< 20	0.0%	482892	< 20	< 20	0.0%	482906	< 20	< 20	0.0%
Rb	482867	113	116	2.6%	482881	69	69	0.0%	482892	118	125	5.8%	482906	102	101	1.0%
S	482867	0.06	0.06	0.0%	482881	0.747	0.733	1.9%	482892	0.856	0.835	2.5%	482906	0.17	0.17	0.0%
Sb	482867	< 1	< 1	0.0%	482881	< 1	< 1	0.0%	482892	< 1	< 1	0.0%	482906	< 1	< 1	0.0%
Sc	482867	6	6	0.0%	482881	5	5	0.0%	482892	6	6	0.0%	482906	18	18	0.0%
Se	482867	< 10	< 10	0.0%	482881	< 10	< 10	0.0%	482892	< 10	< 10	0.0%	482906	< 10	< 10	0.0%
Sn	482867	< 5	< 5	0.0%	482881	< 5	< 5	0.0%	482892	< 5	< 5	0.0%	482906	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	482867	218	217	0.5%	482881	231	225	2.6%	482892	105	104	1.0%	482906	437	434	0.7%
Ta	482867	< 10	< 10	0.0%	482881	< 10	< 10	0.0%	482892	< 10	< 10	0.0%	482906	< 10	< 10	0.0%
Te	482867	< 10	< 10	0.0%	482881	< 10	< 10	0.0%	482892	< 10	< 10	0.0%	482906	< 10	< 10	0.0%
Th	482867	< 5	< 5	0.0%	482881	< 5	< 5	0.0%	482892	< 5	< 5	0.0%	482906	< 5	< 5	0.0%
Ti	482867	0.14	0.14	0.0%	482881	0.17	0.17	0.0%	482892	0.134	0.135	0.7%	482906	0.375	0.372	0.8%
Tl	482867	< 5	< 5	0.0%	482881	< 5	< 5	0.0%	482892	< 5	< 5	0.0%	482906	< 5	< 5	0.0%
U	482867	< 50	< 50	0.0%	482881	< 50	< 50	0.0%	482892	< 50	< 50	0.0%	482906	< 50	< 50	0.0%
V	482867	33.0	33.3	0.9%	482881	27.8	27.8	0.0%	482892	43.5	43.9	0.9%	482906	125	125	0.0%
W	482867	< 1	< 1	0.0%	482881	< 1	< 1	0.0%	482892	< 1	< 1	0.0%	482906	< 1	< 1	0.0%
Y	482867	5	5	0.0%	482881	6	6	0.0%	482892	5	5	0.0%	482906	13	14	7.4%
Zn	482867	80.1	78.4	2.1%	482881	68.6	67.6	1.5%	482892	61.0	60.3	1.2%	482906	87.3	87.1	0.2%
Zr	482867	37	35	5.6%	482881	71	70	1.4%	482892	48	49	2.1%	482906	132	142	7.3%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	482917	< 0.5	< 0.5	0.0%	482931	< 0.5	< 0.5	0.0%								
Al	482917	8.18	8.21	0.4%	482931	8.39	8.29	1.2%								
As	482917	< 1	< 1	0.0%	482931	< 1	2									
Ba	482917	830	831	0.1%	482931	604	600	0.7%								
Be	482917	1.12	1.17	4.4%	482931	1.3	1.3	0.0%								
Bi	482917	< 1	< 1	0.0%	482931	< 1	< 1	0.0%								
Ca	482917	1.77	1.79	1.1%	482931	2.27	2.21	2.7%								
Cd	482917	< 0.5	< 0.5	0.0%	482931	< 0.5	< 0.5	0.0%								
Ce	482917	99	99	0.0%	482931	93	96	3.2%								
Co	482917	14.9	15.2	2.0%	482931	14.4	14.7	2.1%								
Cr	482917	38.4	41.3	7.3%	482931	34.9	35.2	0.9%								
Cu	482917	36.0	36.5	1.4%	482931	40.6	40.2	1.0%								
Fe	482917	3.78	3.79	0.3%	482931	3.46	3.43	0.9%								
Ga	482917	22	22	0.0%	482931	22	21	4.7%								
In	482917	< 1	< 1	0.0%	482931	< 1	< 1	0.0%								
K	482917	1.91	1.93	1.0%	482931	1.31	1.30	0.8%								
La	482917	44	45	2.2%	482931	42	43	2.4%								
Li	482917	26	26	0.0%	482931	24	23	4.3%								
Mg	482917	1.28	1.29	0.8%	482931	1.17	1.16	0.9%								
Mn	482917	587	578	1.5%	482931	588	584	0.7%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	482917	2.2	2.1	4.7%	482931	2.3	2.3	0.0%								
Na	482917	3.07	3.09	0.6%	482931	3.60	3.50	2.8%								
Ni	482917	40.1	40.8	1.7%	482931	38.0	36.7	3.5%								
P	482917	905	919	1.5%	482931	799	827	3.4%								
Pb	482917	< 20	< 20	0.0%	482931	< 20	< 20	0.0%								
Rb	482917	66	65	1.5%	482931	< 50	< 50	0.0%								
S	482917	0.14	0.14	0.0%	482931	0.17	0.17	0.0%								
Sb	482917	< 1	< 1	0.0%	482931	< 1	< 1	0.0%								
Sc	482917	13	13	0.0%	482931	12	12	0.0%								
Se	482917	< 10	< 10	0.0%	482931	< 10	< 10	0.0%								
Sn	482917	< 5	< 5	0.0%	482931	< 5	< 5	0.0%								
Sr	482917	647	653	0.9%	482931	881	870	1.3%								
Ta	482917	< 10	< 10	0.0%	482931	< 10	< 10	0.0%								
Te	482917	< 10	< 10	0.0%	482931	< 10	< 10	0.0%								
Th	482917	< 5	< 5	0.0%	482931	< 5	< 5	0.0%								
Ti	482917	0.350	0.359	2.5%	482931	0.338	0.330	2.4%								
Tl	482917	< 5	< 5	0.0%	482931	< 5	< 5	0.0%								
U	482917	< 50	< 50	0.0%	482931	< 50	< 50	0.0%								
V	482917	98.8	101	2.2%	482931	92.8	92.4	0.4%								
W	482917	< 1	< 1	0.0%	482931	< 1	< 1	0.0%								
Y	482917	11	11	0.0%	482931	13	13	0.0%								
Zn	482917	80.2	84.7	5.5%	482931	78.9	77.2	2.2%								
Zr	482917	89	87	2.3%	482931	128	122	4.8%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	482867	0.002	< 0.001		482881	0.007	0.007	0.0%	482892	0.0525	0.0516	1.7%	482906	0.005	0.006	18.2%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	482917	0.005	0.005	0.0%	482931	0.004	0.004	0.0%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS4H)				CRM #2 (ref.1P5R)				CRM #3 (ref.GS6F)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	2.99	99%	90% - 110%
Al	10.95	10.48	96%	90% - 110%	10.95	10.58	97%	90% - 110%	6.96	6.75	97%	90% - 110%	4.75	4.77	101%	90% - 110%
As									124	113	91%	90% - 110%				
Ba	340	324	95%	90% - 110%	340	327	96%	90% - 110%	186	181	97%	90% - 110%	216	210	97%	90% - 110%
Be	2.6	2.6	99%	90% - 110%	2.6	2.6	102%	90% - 110%								
Ca	5.72	5.27	92%	90% - 110%	5.72	5.27	92%	90% - 110%	4.01	3.69	92%	90% - 110%	10	9	89%	90% - 110%
Ce	122	128	105%	90% - 110%	122	130	107%	90% - 110%	24	23	96%	90% - 110%				
Co									22.1	21.2	96%	90% - 110%	191	181	95%	90% - 110%
Cr													670	606	90%	90% - 110%
Cu									88.6	87.1	98%	90% - 110%	7120	7232	102%	90% - 110%
Fe	4.34	4.21	97%	90% - 110%	4.34	4.21	97%	90% - 110%	7.56	7.67	102%	90% - 110%	12.71	12.5	98%	90% - 110%
Ga	35	37	106%	90% - 110%	35	37	105%	90% - 110%								
K	1.37	1.37	100%	90% - 110%	1.37	1.39	101%	90% - 110%	2.021	1.979	98%	90% - 110%	0.1021	0.1088	107%	90% - 110%
La	58	55	94%	90% - 110%	58	55	95%	90% - 110%					8.47	8.39	99%	90% - 110%
Li	37	39	105%	90% - 110%	37	39	106%	90% - 110%								
Mg	0.325	0.304	93%	90% - 110%	0.325	0.309	95%	90% - 110%	2.412	2.476	103%	90% - 110%	7.41	7.69	104%	90% - 110%
Mn									1510	1477	98%	90% - 110%				
Na	5.267	5.364	102%	90% - 110%	5.267	5.427	103%	90% - 110%	0.617	0.632	102%	90% - 110%	0.112	0.119	106%	90% - 110%
Ni	9	7	75%	90% - 110%					77.1	72.9	95%	90% - 110%	2480	2220	90%	90% - 110%
P									892	883	99%	90% - 110%	731	706	97%	90% - 110%
Rb	55	56	102%	90% - 110%	55	56	101%	90% - 110%								
S									0.348	0.357	103%	90% - 110%				
Sc	1.1	1	95%	90% - 110%	1.1	1	95%	90% - 110%					21.33	22	103%	90% - 110%
Sr	1191	1174	99%	90% - 110%	1191	1172	98%	90% - 110%	92.8	90.1	97%	90% - 110%	39	39	99%	90% - 110%
Ti	0.172	0.176	102%	90% - 110%	0.172	0.176	103%	90% - 110%					0.419	0.436	104%	90% - 110%
V	8	8	96%	90% - 110%	8	8	94%	90% - 110%					158	168	106%	90% - 110%
Y	119	124	104%	90% - 110%	119	126	106%	90% - 110%					12.67	13.39	106%	90% - 110%
Zn	93	91	98%	90% - 110%	93	90	96%	90% - 110%	208	204	98%	90% - 110%	112	110	98%	90% - 110%
Zr													35.7	37.5	105%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS4H)				CRM #2 (ref.1P5R)				CRM #3 (ref.GS6F)				CRM #4 (ref.1P5R)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.01	5.23	104%	90% - 110%	1.81	1.8	99%	90% - 110%	6.87	7	102%	90% - 110%	1.81	1.9	105%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00761  
 SAMPLING SITE:

AGAT WORK ORDER: 19T511680  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00762

AGAT WORK ORDER: 19T511760

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 18, 2019

PAGES (INCLUDING COVER): 10

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T511760

PROJECT: AGAT00762

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 29, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
B74383 (483945)		2.51
B74384 (483946)		2.29
B74385 (483947)		2.26
B74386 (483948)		0.07
B74387 (483949)		3.23
B74388 (483950)		0.79
B74389 (483951)		1.91
B74390 (483952)		1.21
B74391 (483953)		1.76
B74392 (483954)		0.57
B74393 (483955)		2.05

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T511760

PROJECT: AGAT00762

5623 McADAM ROAD  
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 TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 29, 2019		DATE RECEIVED: Aug 29, 2019					DATE REPORTED: Sep 18, 2019					SAMPLE TYPE: Drill Core				
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	
B74383 (483945)		<0.5	8.16	6	832	1.2	<1	1.68	<0.5	87	15.1	50.2	38.9	3.17	21	
B74384 (483946)		<0.5	8.05	7	610	1.3	<1	2.05	<0.5	77	14.6	48.6	45.9	3.14	21	
B74385 (483947)		<0.5	8.06	2	968	2.2	<1	2.34	<0.5	83	22.6	116	39.3	4.35	21	
B74386 (483948)		<0.5	7.57	<1	186	0.6	<1	6.16	<0.5	7	39.8	168	105	7.42	20	
B74387 (483949)		<0.5	8.59	26	692	1.7	<1	1.96	0.8	76	19.3	66.8	44.9	3.75	23	
B74388 (483950)		0.5	6.91	<1	677	3.7	<1	2.52	<0.5	90	29.2	216	46.2	4.51	20	
B74389 (483951)		0.5	8.28	7	815	3.2	<1	2.33	0.6	81	20.5	88.8	49.1	3.92	22	
B74390 (483952)		1.1	2.07	<1	81	6.3	<1	7.08	<0.5	134	59.5	595	63.1	6.34	8	
B74391 (483953)		<0.5	7.34	55	988	4.4	<1	4.27	1.4	84	21.8	97.0	56.5	3.48	21	
B74392 (483954)		<0.5	0.08	<1	15	<0.5	<1	31.6	<0.5	<1	<0.5	1.0	0.7	0.09	<5	
B74393 (483955)		<0.5	6.05	31	1180	3.0	<1	4.23	0.8	68	37.2	281	52.4	4.80	17	
Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Rb ppm	S %	Sb ppm	
B74383 (483945)		<1	1.60	41	24	1.16	576	2.0	3.44	42.8	779	<20	<50	0.17	<1	
B74384 (483946)		<1	1.69	36	23	1.24	413	1.7	3.15	38.1	776	<20	<50	0.18	<1	
B74385 (483947)		<1	2.03	38	48	2.57	712	3.0	3.35	127	1400	<20	<50	0.15	<1	
B74386 (483948)		<1	0.43	9	11	4.38	1320	1.6	2.41	116	904	<20	<50	0.09	<1	
B74387 (483949)		<1	2.14	35	26	1.24	597	2.9	3.00	59.0	963	<20	<50	0.17	<1	
B74388 (483950)		<1	2.14	41	89	3.86	701	2.3	2.55	205	800	<20	<50	0.17	<1	
B74389 (483951)		<1	2.15	37	41	1.89	624	2.6	3.38	92.3	995	<20	<50	0.19	<1	
B74390 (483952)		<1	2.34	66	83	9.52	1280	3.3	2.13	581	151	<20	<50	0.19	<1	
B74391 (483953)		<1	3.21	39	33	2.41	687	2.9	3.60	113	3570	<20	<50	0.23	<1	
B74392 (483954)		<1	0.02	2	<1	3.09	127	<0.5	0.04	1.1	91	<20	<50	0.05	<1	
B74393 (483955)		<1	2.18	34	52	4.74	869	3.2	3.58	277	1540	<20	<50	0.25	<1	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T511760

PROJECT: AGAT00762

5623 McADAM ROAD  
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CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 29, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 18, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
B74383 (483945)	13	<10	<5	645	<10	<10	<5	0.30	<5	<50	98.2	1	13	90.2
B74384 (483946)	12	<10	<5	512	<10	<10	<5	0.28	<5	<50	90.5	3	10	82.4
B74385 (483947)	18	<10	<5	542	<10	<10	<5	0.43	<5	<50	140	<1	18	92.0
B74386 (483948)	36	<10	<5	243	<10	<10	<5	0.80	<5	<50	250	2	23	92.3
B74387 (483949)	18	<10	<5	475	<10	<10	<5	0.33	<5	<50	129	3	17	150
B74388 (483950)	17	<10	<5	500	<10	<10	<5	0.42	<5	<50	135	2	19	83.4
B74389 (483951)	18	<10	<5	508	<10	<10	<5	0.35	<5	<50	132	<1	17	91.5
B74390 (483952)	16	<10	<5	783	<10	<10	<5	0.62	<5	<50	192	4	37	55.1
B74391 (483953)	32	<10	<5	780	<10	<10	<5	0.32	<5	<50	180	<1	17	45.2
B74392 (483954)	1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	1.4	<1	3	3.4
B74393 (483955)	19	<10	<5	555	<10	<10	<5	0.55	<5	<50	167	3	32	60.2

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
B74383 (483945)	73
B74384 (483946)	105
B74385 (483947)	151
B74386 (483948)	96
B74387 (483949)	131
B74388 (483950)	167
B74389 (483951)	161
B74390 (483952)	331
B74391 (483953)	148
B74392 (483954)	<5
B74393 (483955)	190

Comments: RDL - Reported Detection Limit  
483945-483955 As, Sb values may be low due to digestion losses.  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T511760

PROJECT: AGAT00762

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 29, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 18, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
B74383 (483945)			0.004
B74384 (483946)			0.007
B74385 (483947)			0.005
B74386 (483948)			0.326
B74387 (483949)			0.012
B74388 (483950)			0.017
B74389 (483951)			0.004
B74390 (483952)			0.002
B74391 (483953)			0.021
B74392 (483954)			0.001
B74393 (483955)			0.004

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T511760

PROJECT: AGAT00762

5623 McADAM ROAD  
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CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 29, 2019

DATE RECEIVED: Aug 29, 2019

DATE REPORTED: Sep 18, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL: 0.01
B74383 (483945)	87.88

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	483945	< 0.5	< 0.5	0.0%	483955	0.41	0.50	19.8%								
Al	483945	8.16	8.17	0.1%	483955	6.05	6.03	0.3%								
As	483945	6	7	15.4%	483955	31	29	6.7%								
Ba	483945	832	834	0.2%	483955	1180	1180	0.0%								
Be	483945	1.2	1.2	0.0%	483955	3.0	3.0	0.0%								
Bi	483945	< 1	< 1	0.0%	483955	< 1	< 1	0.0%								
Ca	483945	1.68	1.70	1.2%	483955	4.23	4.37	3.3%								
Cd	483945	< 0.5	< 0.5	0.0%	483955	0.8	0.8	0.0%								
Ce	483945	87	87	0.0%	483955	68	69	1.5%								
Co	483945	15.1	14.2	6.1%	483955	37.2	36.7	1.4%								
Cr	483945	50.2	46.4	7.9%	483955	281	276	1.8%								
Cu	483945	38.9	37.6	3.4%	483955	52.4	53.1	1.3%								
Fe	483945	3.17	3.15	0.6%	483955	4.80	4.78	0.4%								
Ga	483945	21	21	0.0%	483955	17	18	5.7%								
In	483945	< 1	< 1	0.0%	483955	< 1	< 1	0.0%								
K	483945	1.60	1.61	0.6%	483955	2.18	2.17	0.5%								
La	483945	41	41	0.0%	483955	34	35	2.9%								
Li	483945	24	24	0.0%	483955	52	52	0.0%								
Mg	483945	1.16	1.13	2.6%	483955	4.74	4.74	0.0%								
Mn	483945	576	562	2.5%	483955	869	862	0.8%								
Mo	483945	2.0	1.4		483955	3.22	3.12	3.2%								
Na	483945	3.44	3.51	2.0%	483955	3.58	3.72	3.8%								
Ni	483945	42.8	38.3	11.1%	483955	277	282	1.8%								
P	483945	779	752	3.5%	483955	1540	1580	2.6%								
Pb	483945	< 20	< 20	0.0%	483955	< 20	< 20	0.0%								
Rb	483945	< 50	< 50	0.0%	483955	< 50	< 50	0.0%								
S	483945	0.17	0.17	0.0%	483955	0.245	0.238	2.9%								
Sb	483945	< 1	< 1	0.0%	483955	< 1	< 1	0.0%								
Sc	483945	13	13	0.0%	483955	19	19	0.0%								
Se	483945	< 10	< 10	0.0%	483955	< 10	< 10	0.0%								
Sn	483945	< 5	< 5	0.0%	483955	< 5	< 5	0.0%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)													
	Expect	Actual	Recovery	Limits										
Al	10.95	10.99	100%	90% - 110%										
Ba	340	336	99%	90% - 110%										
Be	2.6	2.9	112%	90% - 110%										
Ca	5.72	5.61	98%	90% - 110%										
Ce	122	120	99%	90% - 110%										
Cu	7	7	104%	90% - 110%										
Fe	4.34	4	92%	90% - 110%										
Ga	35	37	107%	90% - 110%										
K	1.37	1.41	103%	90% - 110%										
La	58	54	93%	90% - 110%										
Li	37	40	108%	90% - 110%										
Mg	0.325	0.308	95%	90% - 110%										
Na	5.267	5.804	110%	90% - 110%										
Ni	9	8	94%	90% - 110%										
Pb	10	9	86%	90% - 110%										
Sc	1.1	1.1	99%	90% - 110%										
Sr	1191	1190	100%	90% - 110%										
Ti	0.172	0.157	92%	90% - 110%										
V	8	8	105%	90% - 110%										
Y	119	129	108%	90% - 110%										
Zn	93	96	103%	90% - 110%										

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS6F)													
	Expect	Actual	Recovery	Limits										
Au	6.87	6.8	99%	90% - 110%										

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00762  
 SAMPLING SITE:

AGAT WORK ORDER: 19T511760  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00763

AGAT WORK ORDER: 19T512449

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 19, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T512449

PROJECT: AGAT00763

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Aug 29, 2019

DATE RECEIVED: Aug 30, 2019

DATE REPORTED: Sep 19, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
B74467 (486996)		0.86
B74468 (486997)		1.19
B74469 (486998)		1.61
B74470 (486999)		1.34
B74471 (487000)		2.35
B74472 (487001)		0.40
B74473 (487002)		1.50
B74474 (487003)		1.28
B74475 (487004)		0.83
B74476 (487005)		1.73
B74477 (487006)		1.25
B74478 (487007)		1.25
B74479 (487008)		2.28
B74480 (487009)		1.44
B74481 (487010)		1.55
B74482 (487011)		1.05
B74483 (487012)		1.52
B74484 (487013)		0.99
B74485 (487014)		0.94
B74486 (487015)		0.07
B74487 (487016)		1.69
B74488 (487017)		1.57
B74489 (487018)		0.74
B74490 (487019)		1.83
B74491 (487020)		2.28
B74492 (487021)		0.61
B74493 (487022)		2.25
B74494 (487023)		2.21
B74495 (487024)		0.68
B74496 (487025)		0.79
B74497 (487026)		1.60

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T512449

PROJECT: AGAT00763

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Aug 29, 2019

DATE RECEIVED: Aug 30, 2019

DATE REPORTED: Sep 19, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
B74498 (487027)		1.60
B74499 (487028)		0.78
B74500 (487029)		2.20
B74501 (487030)		1.04
B74502 (487031)		1.95
B74503 (487032)		2.22
B74504 (487033)		2.27
B74505 (487034)		2.01
B74506 (487035)		0.07
B74507 (487036)		0.89
B74508 (487037)		1.30
B74509 (487038)		2.21
B74510 (487039)		1.11
B74511 (487040)		1.23
B74512 (487041)		0.57
B74513 (487042)		1.57
B74514 (487043)		2.26
B74515 (487044)		1.84
B74516 (487045)		0.58
B74517 (487046)		1.32
B74518 (487047)		1.32
B74519 (487048)		0.70
B74520 (487049)		1.62
B74521 (487050)		2.44
B74522 (487051)		2.26
B74523 (487052)		1.44
B74524 (487053)		0.91
B74525 (487054)		2.18
B74526 (487055)		0.07
B74527 (487056)		0.80
B74528 (487057)		1.42

Certified By:





# Certificate of Analysis

AGAT WORK ORDER: 19T512449

PROJECT: AGAT00763

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Aug 29, 2019

DATE RECEIVED: Aug 30, 2019

DATE REPORTED: Sep 19, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
B74529 (487058)		2.30
B74530 (487059)		1.92
B74531 (487060)		2.31
B74532 (487061)		0.53
B74533 (487062)		0.79
B74534 (487063)		1.86
B74535 (487064)		1.90
B74536 (487065)		2.16
B74537 (487066)		1.32
B74538 (487067)		1.32

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T512449

PROJECT: AGAT00763

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 29, 2019	DATE RECEIVED: Aug 30, 2019							DATE REPORTED: Sep 19, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
B74467 (486996)	0.5	7.29	9	1280	28.3	<1	0.53	<0.5	20	3.7	150	40.0	2.19	21	
B74468 (486997)	1.2	7.88	9	567	5.5	<1	0.39	<0.5	27	4.2	103	32.8	1.76	21	
B74469 (486998)	0.5	7.55	23	400	1.9	<1	1.87	0.6	26	6.1	91.5	35.5	1.90	17	
B74470 (486999)	0.6	9.03	4	539	1.5	<1	2.21	<0.5	33	26.0	173	34.7	5.78	22	
B74471 (487000)	<0.5	8.74	1	360	1.3	<1	2.82	<0.5	28	28.3	196	46.5	6.09	22	
B74472 (487001)	<0.5	0.07	<1	17	<0.5	<1	32.4	<0.5	<1	<0.5	2.6	<0.5	0.09	<5	
B74473 (487002)	<0.5	8.35	13	361	1.4	<1	2.87	<0.5	34	29.0	182	58.7	5.84	21	
B74474 (487003)	<0.5	8.90	5	540	1.7	<1	2.69	<0.5	55	27.3	159	70.5	5.41	21	
B74475 (487004)	<0.5	6.92	6	518	1.7	<1	2.08	<0.5	54	18.9	167	26.8	3.91	16	
B74476 (487005)	<0.5	8.12	1	550	1.3	<1	2.35	<0.5	46	23.9	188	55.1	4.74	19	
B74477 (487006)	<0.5	8.51	1	550	1.5	<1	1.87	<0.5	58	23.4	165	49.0	4.52	21	
B74478 (487007)	<0.5	8.80	<1	565	1.5	<1	1.91	<0.5	59	23.1	152	47.7	4.68	21	
B74479 (487008)	<0.5	8.87	3	539	1.7	<1	2.04	<0.5	59	24.9	165	58.5	4.62	22	
B74480 (487009)	<0.5	8.72	3	442	1.6	<1	1.83	<0.5	59	22.7	136	49.8	4.19	23	
B74481 (487010)	<0.5	8.51	<1	409	1.4	<1	3.43	<0.5	39	30.9	216	65.6	5.45	20	
B74482 (487011)	<0.5	8.57	<1	287	1.1	<1	4.23	<0.5	33	31.2	250	59.9	5.87	19	
B74483 (487012)	<0.5	8.40	<1	371	1.1	<1	4.64	<0.5	30	34.7	198	66.5	5.72	19	
B74484 (487013)	<0.5	8.42	<1	565	1.5	<1	3.05	<0.5	53	25.0	162	56.1	4.57	21	
B74485 (487014)	<0.5	9.05	4	318	1.6	<1	2.25	<0.5	75	11.8	120	28.4	2.42	24	
B74486 (487015)	<0.5	7.40	6	85	0.7	<1	7.56	0.5	<1	41.5	161	155	7.79	16	
B74487 (487016)	0.6	8.94	1	503	1.6	<1	1.77	<0.5	82	22.0	146	46.2	4.26	24	
B74488 (487017)	<0.5	8.69	4	1170	2.2	<1	1.78	<0.5	76	19.2	126	49.6	3.86	21	
B74489 (487018)	<0.5	8.23	2	763	1.6	<1	1.91	<0.5	74	17.8	145	40.4	3.79	21	
B74490 (487019)	0.6	7.80	4	605	1.9	<1	3.03	<0.5	88	24.5	172	57.5	5.31	22	
B74491 (487020)	<0.5	8.64	<1	604	1.4	<1	2.17	<0.5	84	18.5	147	47.8	4.04	21	
B74492 (487021)	<0.5	0.08	2	13	<0.5	<1	31.6	<0.5	<1	0.8	3.5	<0.5	0.11	<5	
B74493 (487022)	<0.5	8.88	2	766	1.5	<1	2.46	<0.5	82	17.8	136	41.3	3.72	22	
B74494 (487023)	<0.5	8.52	2	788	1.5	<1	2.09	<0.5	91	13.7	130	36.7	3.20	20	
B74495 (487024)	<0.5	8.44	<1	667	1.4	<1	1.93	<0.5	85	12.8	122	39.0	3.06	19	
B74496 (487025)	<0.5	8.39	<1	631	1.3	<1	1.89	<0.5	81	13.1	125	33.6	3.00	20	
B74497 (487026)	<0.5	8.96	2	827	1.5	<1	1.98	<0.5	95	16.8	124	30.4	3.88	22	
B74498 (487027)	<0.5	8.91	3	814	1.5	<1	1.95	<0.5	101	17.5	131	31.2	3.86	23	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T512449

PROJECT: AGAT00763

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 29, 2019	DATE RECEIVED: Aug 30, 2019							DATE REPORTED: Sep 19, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
B74499 (487028)	<0.5	8.48	8	784	1.7	<1	2.01	<0.5	99	13.9	149	36.5	3.44	21	
B74500 (487029)	<0.5	7.73	3	1010	2.6	<1	3.20	<0.5	107	19.5	172	59.5	4.22	21	
B74501 (487030)	<0.5	3.88	<1	926	4.9	<1	10.5	<0.5	166	45.6	293	113	9.35	21	
B74502 (487031)	0.7	3.29	13	677	3.9	<1	7.36	0.8	115	61.7	655	111	9.89	18	
B74503 (487032)	<0.5	8.15	6	827	2.0	<1	2.16	<0.5	89	17.1	134	46.6	3.84	19	
B74504 (487033)	<0.5	8.75	8	1180	1.6	<1	1.94	<0.5	91	16.9	123	40.9	3.93	22	
B74505 (487034)	<0.5	8.50	7	936	1.5	<1	1.88	<0.5	108	14.9	129	24.1	3.51	22	
B74506 (487035)	<0.5	7.54	<1	190	1.2	<1	6.71	<0.5	9	40.1	183	106	8.25	19	
B74507 (487036)	<0.5	8.22	3	892	1.6	<1	1.98	<0.5	97	13.0	146	26.6	3.33	20	
B74508 (487037)	<0.5	8.23	6	807	1.4	<1	1.86	<0.5	101	12.1	172	31.9	3.10	20	
B74509 (487038)	<0.5	8.36	2	742	1.6	<1	1.88	<0.5	102	13.7	133	37.9	3.36	20	
B74510 (487039)	<0.5	8.78	<1	610	1.5	<1	1.79	<0.5	136	16.4	140	33.6	3.74	27	
B74511 (487040)	0.6	8.93	<1	569	1.5	<1	1.81	<0.5	82	15.4	135	23.4	3.62	26	
B74512 (487041)	<0.5	0.09	<1	14	<0.5	<1	32.6	<0.5	<1	0.7	6.2	<0.5	0.12	<5	
B74513 (487042)	<0.5	8.75	5	731	1.4	<1	2.05	<0.5	81	18.6	129	46.9	3.93	22	
B74514 (487043)	<0.5	9.04	8	474	1.5	<1	2.57	<0.5	65	24.8	164	43.6	5.69	24	
B74515 (487044)	<0.5	9.04	<1	431	1.6	<1	2.56	<0.5	59	26.2	194	58.8	6.39	23	
B74516 (487045)	<0.5	8.88	5	493	1.7	<1	2.39	<0.5	60	26.0	254	54.2	4.93	21	
B74517 (487046)	0.5	6.66	<1	534	1.7	<1	2.74	<0.5	76	24.3	228	51.2	4.52	17	
B74518 (487047)	<0.5	6.63	<1	530	1.8	<1	2.75	<0.5	78	23.0	222	49.5	4.55	17	
B74519 (487048)	<0.5	5.50	<1	651	3.9	<1	6.87	<0.5	143	34.2	237	68.0	6.66	19	
B74520 (487049)	<0.5	8.31	2	509	1.9	<1	2.31	<0.5	53	22.6	148	60.4	4.38	20	
B74521 (487050)	<0.5	8.57	<1	582	2.2	<1	2.23	<0.5	56	24.0	125	48.6	4.42	21	
B74522 (487051)	1.2	8.73	3	608	1.9	<1	2.10	<0.5	84	20.7	102	68.8	4.65	22	
B74523 (487052)	<0.5	7.94	<1	502	1.5	<1	2.07	<0.5	63	17.5	93.8	44.4	3.57	20	
B74524 (487053)	<0.5	7.84	1	480	1.5	<1	2.06	<0.5	53	15.4	89.6	32.1	3.12	20	
B74525 (487054)	0.6	8.44	<1	692	1.7	<1	2.06	<0.5	86	19.2	91.4	50.8	4.12	21	
B74526 (487055)	<0.5	7.31	3	147	0.7	<1	7.19	<0.5	<1	40.8	140	154	8.60	17	
B74527 (487056)	<0.5	7.88	10	310	1.5	<1	2.40	<0.5	93	21.5	84.7	105	3.23	19	
B74528 (487057)	<0.5	8.19	18	493	1.5	<1	2.32	0.5	90	17.5	87.9	40.8	3.67	20	
B74529 (487058)	<0.5	8.16	1	520	2.4	<1	1.71	<0.5	68	24.0	95.0	99.1	4.55	20	
B74530 (487059)	<0.5	8.64	2	516	2.3	<1	2.17	<0.5	73	20.1	64.1	37.8	4.33	21	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T512449

PROJECT: AGAT00763

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 29, 2019		DATE RECEIVED: Aug 30, 2019						DATE REPORTED: Sep 19, 2019				SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
B74531 (487060)		0.6	8.61	<1	487	1.5	<1	2.17	<0.5	57	26.4	121	62.1	4.69	21
B74532 (487061)		<0.5	0.07	<1	18	<0.5	<1	34.3	<0.5	<1	0.6	5.5	<0.5	0.09	<5
B74533 (487062)		0.7	8.60	10	511	1.9	<1	2.23	0.5	50	27.7	228	54.9	4.29	21
B74534 (487063)		<0.5	7.83	35	490	2.5	<1	2.60	1.0	105	24.3	230	54.0	3.70	20
B74535 (487064)		<0.5	7.85	3	477	1.6	<1	2.38	<0.5	56	10.4	68.0	12.1	2.79	19
B74536 (487065)		<0.5	7.88	<1	516	1.6	<1	2.16	<0.5	49	8.2	61.8	2.7	2.65	18
B74537 (487066)		<0.5	7.88	5	470	1.5	<1	1.89	<0.5	56	16.7	98.0	27.0	3.50	19
B74538 (487067)		<0.5	7.69	3	457	1.5	<1	1.87	<0.5	57	16.9	85.4	28.3	3.41	18

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 29, 2019

DATE RECEIVED: Aug 30, 2019

DATE REPORTED: Sep 19, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
B74467 (486996)		<1	4.88	9	29	0.46	173	19.2	1.04	7.6	239	<20	154	0.94	3
B74468 (486997)		<1	3.13	12	27	0.37	155	13.8	2.88	6.2	263	<20	118	0.84	<1
B74469 (486998)		<1	1.06	12	31	0.56	205	12.4	2.48	9.0	380	<20	<50	0.70	<1
B74470 (486999)		<1	2.43	17	41	1.52	1040	13.3	2.20	56.8	547	<20	122	0.25	<1
B74471 (487000)		<1	1.81	16	43	1.64	850	13.7	1.77	54.8	471	<20	63	0.17	<1
B74472 (487001)		<1	0.02	<2	1	3.12	126	<0.5	0.03	<0.5	96	<20	<50	0.06	1
B74473 (487002)		<1	1.52	18	28	1.67	823	13.9	1.90	54.1	431	<20	<50	0.19	<1
B74474 (487003)		<1	1.50	27	27	1.71	794	14.7	2.64	68.1	624	<20	53	0.24	<1
B74475 (487004)		<1	1.71	25	35	1.54	564	17.9	2.06	57.8	463	<20	58	0.11	<1
B74476 (487005)		<1	1.57	23	24	1.75	740	16.3	2.12	79.1	611	<20	<50	0.22	<1
B74477 (487006)		<1	1.86	28	38	1.54	594	13.6	2.71	62.6	613	<20	68	0.19	<1
B74478 (487007)		<1	1.93	29	39	1.60	616	15.8	2.76	64.3	597	<20	70	0.18	<1
B74479 (487008)		<1	2.17	28	39	1.55	625	12.1	2.93	69.7	593	<20	90	0.23	<1
B74480 (487009)		<1	1.79	28	40	1.39	555	13.3	2.74	63.2	585	<20	82	0.17	<1
B74481 (487010)		<1	1.05	20	32	1.92	909	15.4	2.00	69.2	579	<20	<50	0.21	<1
B74482 (487011)		<1	0.40	18	21	1.91	1150	15.9	1.90	70.1	605	<20	<50	0.18	<1
B74483 (487012)		<1	0.72	16	23	2.09	1010	11.7	1.37	78.5	569	<20	<50	0.22	<1
B74484 (487013)		<1	1.86	26	32	1.63	681	12.9	1.70	56.0	713	<20	84	0.25	<1
B74485 (487014)		<1	1.50	34	25	0.77	249	14.1	3.04	35.4	332	<20	67	0.10	<1
B74486 (487015)		<1	0.23	3	14	4.49	1300	1.8	1.57	97.0	377	<20	<50	0.25	<1
B74487 (487016)		<1	2.41	38	42	1.45	481	11.1	2.25	63.2	733	<20	123	0.16	<1
B74488 (487017)		<1	3.48	34	29	1.22	590	10.9	2.62	54.2	721	<20	124	0.21	<1
B74489 (487018)		<1	1.95	35	32	1.24	420	12.5	2.31	50.0	885	<20	83	0.14	<1
B74490 (487019)		<1	2.13	43	26	2.34	677	10.1	2.10	91.4	1180	<20	79	0.19	<1
B74491 (487020)		<1	1.90	38	32	1.26	500	12.4	2.33	51.1	762	<20	61	0.20	<1
B74492 (487021)		<1	0.01	<2	1	2.67	104	<0.5	0.04	0.8	95	<20	<50	0.07	<1
B74493 (487022)		<1	2.18	39	39	1.24	533	11.8	2.67	51.1	829	<20	69	0.18	<1
B74494 (487023)		<1	1.72	42	26	1.20	436	12.4	3.01	36.0	823	<20	55	0.16	<1
B74495 (487024)		<1	1.63	39	25	1.11	592	11.9	3.10	32.0	721	<20	58	0.16	<1
B74496 (487025)		<1	1.58	37	28	1.03	382	12.8	3.17	31.0	546	<20	58	0.14	<1
B74497 (487026)		<1	2.05	44	36	1.32	552	11.1	3.29	44.9	914	<20	79	0.13	<1
B74498 (487027)		<1	2.02	46	36	1.30	575	11.2	3.22	45.7	967	<20	77	0.14	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T512449

PROJECT: AGAT00763

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 29, 2019

DATE RECEIVED: Aug 30, 2019

DATE REPORTED: Sep 19, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
B74499 (487028)		<1	1.52	46	41	1.23	671	12.8	3.84	35.7	945	<20	58	0.18	<1
B74500 (487029)		<1	1.46	52	43	2.00	622	13.0	4.26	64.4	1350	<20	56	0.27	<1
B74501 (487030)		<1	2.15	88	15	6.82	1620	28.3	2.00	224	2570	68	84	0.33	<1
B74502 (487031)		<1	1.73	64	15	9.60	1420	6.1	1.45	438	2440	<20	74	0.19	<1
B74503 (487032)		<1	1.69	42	30	1.45	762	10.3	3.35	48.4	882	<20	60	0.18	<1
B74504 (487033)		<1	2.05	42	25	1.19	642	10.8	3.54	46.1	1030	<20	69	0.18	<1
B74505 (487034)		<1	1.82	50	26	1.29	437	12.5	3.13	38.9	1070	<20	66	0.11	<1
B74506 (487035)		<1	0.43	10	10	4.40	1320	1.9	2.26	107	927	<20	<50	0.11	<1
B74507 (487036)		<1	1.75	43	26	1.28	465	12.9	3.02	33.2	1250	<20	65	0.13	<1
B74508 (487037)		<1	1.85	46	34	1.23	415	11.9	3.09	28.9	995	<20	65	0.15	<1
B74509 (487038)		<1	1.78	47	24	1.24	585	12.4	3.09	32.5	935	<20	72	0.18	<1
B74510 (487039)		<1	2.04	60	27	1.34	351	12.0	3.09	38.2	350	<20	94	0.16	<1
B74511 (487040)		<1	1.97	38	27	1.25	565	13.3	3.08	37.9	251	<20	90	0.12	<1
B74512 (487041)		<1	0.02	2	1	3.19	126	<0.5	0.05	1.0	97	<20	<50	0.08	<1
B74513 (487042)		<1	1.96	37	24	1.28	492	3.1	2.82	50.0	798	<20	89	0.18	<1
B74514 (487043)		<1	1.83	31	25	1.46	719	2.2	2.14	72.0	699	<20	61	0.18	<1
B74515 (487044)		<1	1.96	28	24	1.49	787	2.1	1.85	75.1	715	<20	59	0.22	<1
B74516 (487045)		<1	2.02	29	22	1.40	793	2.3	2.03	67.9	703	<20	66	0.19	<1
B74517 (487046)		<1	1.64	36	36	2.33	649	2.9	1.75	107	1000	<20	60	0.18	<1
B74518 (487047)		<1	1.66	38	39	2.24	653	2.4	1.69	100	996	<20	62	0.17	<1
B74519 (487048)		<1	1.89	71	27	4.28	1070	2.6	1.69	160	2800	<20	76	0.23	<1
B74520 (487049)		<1	1.75	26	18	1.18	735	2.0	1.97	57.2	609	<20	69	0.23	<1
B74521 (487050)		<1	2.21	28	22	1.30	618	1.9	2.13	68.4	631	<20	89	0.19	<1
B74522 (487051)		<1	2.16	39	23	1.45	698	2.5	2.07	56.3	970	<20	92	0.27	<1
B74523 (487052)		<1	1.64	30	21	1.09	601	1.9	2.09	44.6	837	<20	66	0.19	<1
B74524 (487053)		<1	1.51	25	21	0.97	538	2.0	2.11	45.4	986	<20	61	0.15	<1
B74525 (487054)		<1	2.04	40	19	1.38	591	2.2	2.20	53.0	950	<20	90	0.20	<1
B74526 (487055)		<1	0.20	3	12	4.44	1390	1.6	2.19	83.8	417	<20	<50	0.18	<1
B74527 (487056)		<1	5.60	43	9	1.02	536	2.0	1.88	57.3	403	28	166	0.49	<1
B74528 (487057)		<1	2.23	41	17	1.53	610	1.6	2.13	62.5	851	<20	83	0.14	<1
B74529 (487058)		<1	2.64	32	20	1.41	594	2.3	1.96	67.3	684	<20	117	0.41	<1
B74530 (487059)		<1	2.36	34	24	1.35	658	2.4	1.98	56.6	851	<20	122	0.19	<1

Certified By:



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PROJECT: AGAT00763

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 29, 2019

DATE RECEIVED: Aug 30, 2019

DATE REPORTED: Sep 19, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Rb ppm	S %	Sb ppm
B74531 (487060)		<1	1.94	27	21	1.21	775	2.3	1.80	62.0	572	<20	76	0.30	<1
B74532 (487061)		<1	0.01	<2	<1	1.32	109	<0.5	0.03	0.6	82	<20	<50	0.12	1
B74533 (487062)		<1	1.96	25	41	1.12	809	2.0	2.09	63.6	521	<20	68	0.26	<1
B74534 (487063)		<1	4.30	48	33	1.33	683	2.1	2.54	61.8	442	<20	124	0.26	<1
B74535 (487064)		<1	1.62	25	12	1.15	519	2.3	1.83	25.2	603	<20	60	0.06	<1
B74536 (487065)		<1	1.72	23	16	1.24	382	2.2	1.74	19.7	524	<20	61	0.02	1
B74537 (487066)		<1	1.91	26	17	1.28	502	2.0	1.50	47.5	655	<20	73	0.10	<1
B74538 (487067)		<1	1.87	27	17	1.25	509	2.1	1.50	46.9	643	<20	70	0.10	<1

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PROJECT: AGAT00763

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 29, 2019

DATE RECEIVED: Aug 30, 2019

DATE REPORTED: Sep 19, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
B74467 (486996)	6	<10	<5	69	<10	<10	<5	0.10	<5	<50	58.3	<1	14	39.6
B74468 (486997)	7	<10	<5	61	<10	<10	<5	0.10	<5	<50	37.8	<1	9	43.5
B74469 (486998)	5	<10	<5	208	<10	<10	<5	0.13	<5	<50	30.3	<1	5	39.3
B74470 (486999)	27	<10	<5	226	<10	<10	<5	0.60	<5	<50	186	<1	18	107
B74471 (487000)	29	<10	<5	263	<10	<10	<5	0.68	<5	<50	209	<1	20	104
B74472 (487001)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	0.9	<1	2	3.8
B74473 (487002)	27	<10	<5	265	<10	<10	<5	0.57	<5	<50	190	<1	19	101
B74474 (487003)	26	<10	<5	282	<10	<10	<5	0.49	<5	<50	173	<1	19	104
B74475 (487004)	19	<10	<5	252	<10	<10	<5	0.32	<5	<50	126	<1	13	85.6
B74476 (487005)	20	<10	<5	379	<10	<10	<5	0.41	<5	<50	135	<1	15	90.2
B74477 (487006)	21	<10	<5	352	<10	<10	<5	0.43	<5	<50	141	<1	15	91.7
B74478 (487007)	21	<10	<5	358	<10	<10	<5	0.44	<5	<50	144	<1	15	94.2
B74479 (487008)	22	<10	<5	328	<10	<10	<5	0.40	<5	<50	145	<1	14	101
B74480 (487009)	20	<10	<5	282	<10	<10	<5	0.39	<5	<50	137	<1	14	83.7
B74481 (487010)	29	<10	<5	455	<10	<10	<5	0.54	<5	<50	200	<1	20	95.8
B74482 (487011)	30	<10	<5	483	<10	<10	<5	0.56	<5	<50	194	<1	24	93.3
B74483 (487012)	31	<10	<5	438	<10	<10	<5	0.61	<5	<50	225	<1	22	100
B74484 (487013)	22	<10	<5	346	<10	<10	<5	0.42	<5	<50	146	<1	18	86.5
B74485 (487014)	10	<10	<5	438	<10	<10	13	0.23	<5	<50	76.5	<1	9	69.7
B74486 (487015)	45	<10	<5	171	<10	<10	<5	0.61	<5	<50	275	<1	21	78.7
B74487 (487016)	20	<10	<5	349	<10	<10	<5	0.43	<5	<50	144	<1	12	96.0
B74488 (487017)	17	<10	<5	349	<10	<10	<5	0.32	<5	<50	107	<1	14	106
B74489 (487018)	16	<10	<5	434	<10	<10	<5	0.36	<5	<50	117	<1	12	89.4
B74490 (487019)	19	<10	<5	513	<10	<10	<5	0.76	<5	<50	157	<1	15	81.3
B74491 (487020)	16	<10	<5	476	<10	<10	<5	0.40	<5	<50	119	<1	13	89.4
B74492 (487021)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.6	<1	2	3.1
B74493 (487022)	17	<10	<5	541	<10	<10	<5	0.39	<5	<50	117	<1	13	88.1
B74494 (487023)	12	<10	<5	659	<10	<10	<5	0.34	<5	<50	88.4	<1	11	81.8
B74495 (487024)	12	<10	<5	709	<10	<10	<5	0.33	<5	<50	82.3	<1	14	82.1
B74496 (487025)	11	<10	<5	627	<10	<10	<5	0.31	<5	<50	77.0	<1	11	77.4
B74497 (487026)	16	<10	<5	626	<10	<10	<5	0.37	<5	<50	114	<1	12	92.3
B74498 (487027)	16	<10	<5	624	<10	<10	<5	0.36	<5	<50	113	<1	13	89.1

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T512449

PROJECT: AGAT00763

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 29, 2019

DATE RECEIVED: Aug 30, 2019

DATE REPORTED: Sep 19, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
B74499 (487028)	14	<10	<5	706	<10	<10	<5	0.29	<5	<50	90.4	<1	16	77.6
B74500 (487029)	13	<10	<5	879	<10	<10	<5	0.58	<5	<50	126	<1	20	89.0
B74501 (487030)	21	<10	<5	1250	<10	<10	<5	1.75	<5	<50	291	<1	36	132
B74502 (487031)	24	<10	<5	774	<10	<10	<5	2.18	<5	<50	267	<1	24	106
B74503 (487032)	15	<10	<5	724	<10	<10	<5	0.40	<5	<50	98.2	<1	16	84.1
B74504 (487033)	14	<10	<5	642	<10	<10	<5	0.32	<5	<50	95.2	<1	13	122
B74505 (487034)	13	<10	<5	657	<10	<10	<5	0.32	<5	<50	96.1	<1	13	81.6
B74506 (487035)	36	<10	<5	256	<10	<10	<5	0.89	<5	<50	238	<1	23	91.2
B74507 (487036)	13	<10	<5	741	<10	<10	<5	0.32	<5	<50	89.0	<1	14	85.2
B74508 (487037)	11	<10	<5	727	<10	<10	<5	0.30	<5	<50	80.1	<1	13	78.9
B74509 (487038)	11	<10	<5	689	<10	<10	<5	0.32	<5	<50	84.2	<1	12	84.2
B74510 (487039)	13	<10	<5	500	<10	<10	20	0.38	<5	<50	90.6	<1	14	99.9
B74511 (487040)	15	<10	<5	483	<10	<10	8	0.36	<5	<50	93.4	<1	11	92.4
B74512 (487041)	<1	<10	<5	65	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	3.6
B74513 (487042)	17	<10	<5	415	<10	<10	<5	0.39	<5	<50	122	<1	11	87.3
B74514 (487043)	23	<10	<5	412	<10	<10	<5	0.47	<5	<50	159	<1	18	93.7
B74515 (487044)	24	<10	<5	383	<10	<10	<5	0.50	<5	<50	166	<1	19	92.0
B74516 (487045)	27	<10	<5	436	<10	<10	<5	0.53	<5	<50	173	<1	20	101
B74517 (487046)	17	<10	<5	431	<10	<10	<5	0.53	<5	<50	131	<1	15	75.3
B74518 (487047)	17	<10	<5	431	<10	<10	<5	0.54	<5	<50	130	<1	15	76.4
B74519 (487048)	20	<10	<5	951	<10	<10	<5	1.17	<5	<50	211	<1	33	99.8
B74520 (487049)	23	<10	<5	423	<10	<10	<5	0.46	<5	<50	146	<1	18	93.5
B74521 (487050)	22	<10	<5	392	<10	<10	<5	0.47	<5	<50	149	<1	16	101
B74522 (487051)	20	<10	<5	371	<10	<10	<5	0.42	<5	<50	132	<1	17	102
B74523 (487052)	15	<10	<5	395	<10	<10	<5	0.32	<5	<50	94.5	<1	15	80.2
B74524 (487053)	14	<10	<5	388	<10	<10	<5	0.29	<5	<50	84.6	<1	14	65.7
B74525 (487054)	18	<10	<5	388	<10	<10	<5	0.41	<5	<50	123	<1	14	90.9
B74526 (487055)	47	<10	<5	113	<10	<10	<5	0.71	<5	<50	302	<1	23	84.5
B74527 (487056)	15	<10	<5	222	<10	<10	18	0.32	<5	<50	97.9	<1	9	149
B74528 (487057)	15	<10	<5	344	<10	<10	<5	0.35	<5	<50	101	<1	13	75.9
B74529 (487058)	21	<10	<5	301	<10	<10	<5	0.41	<5	<50	136	<1	14	86.4
B74530 (487059)	20	<10	<5	355	<10	<10	<5	0.38	<5	<50	124	<1	15	91.1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T512449

PROJECT: AGAT00763

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 29, 2019

DATE RECEIVED: Aug 30, 2019

DATE REPORTED: Sep 19, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
B74531 (487060)	26	<10	<5	403	<10	<10	<5	0.52	<5	<50	173	<1	17	106
B74532 (487061)	<1	<10	<5	75	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	1.6
B74533 (487062)	27	<10	<5	388	<10	<10	<5	0.50	<5	<50	179	<1	21	104
B74534 (487063)	17	<10	<5	269	<10	<10	16	0.33	<5	<50	116	<1	12	92.8
B74535 (487064)	10	<10	<5	306	<10	<10	<5	0.27	<5	<50	68.1	<1	10	63.7
B74536 (487065)	7	<10	<5	335	<10	<10	<5	0.21	<5	<50	50.2	<1	8	60.0
B74537 (487066)	16	<10	<5	299	<10	<10	<5	0.32	<5	<50	99.8	<1	12	75.9
B74538 (487067)	15	<10	<5	301	<10	<10	<5	0.32	<5	<50	98.8	<1	12	75.5

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 29, 2019

DATE RECEIVED: Aug 30, 2019

DATE REPORTED: Sep 19, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
B74467 (486996)			66
B74468 (486997)			175
B74469 (486998)			105
B74470 (486999)			110
B74471 (487000)			102
B74472 (487001)			<5
B74473 (487002)			103
B74474 (487003)			113
B74475 (487004)			94
B74476 (487005)			93
B74477 (487006)			89
B74478 (487007)			91
B74479 (487008)			99
B74480 (487009)			121
B74481 (487010)			99
B74482 (487011)			93
B74483 (487012)			88
B74484 (487013)			107
B74485 (487014)			82
B74486 (487015)			52
B74487 (487016)			153
B74488 (487017)			112
B74489 (487018)			135
B74490 (487019)			178
B74491 (487020)			126
B74492 (487021)			<5
B74493 (487022)			109
B74494 (487023)			84
B74495 (487024)			63
B74496 (487025)			102
B74497 (487026)			90
B74498 (487027)			88

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T512449

PROJECT: AGAT00763

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 29, 2019

DATE RECEIVED: Aug 30, 2019

DATE REPORTED: Sep 19, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
B74499 (487028)				109
B74500 (487029)				127
B74501 (487030)				187
B74502 (487031)				282
B74503 (487032)				88
B74504 (487033)				87
B74505 (487034)				113
B74506 (487035)				92
B74507 (487036)				131
B74508 (487037)				91
B74509 (487038)				94
B74510 (487039)				140
B74511 (487040)				125
B74512 (487041)				<5
B74513 (487042)				109
B74514 (487043)				128
B74515 (487044)				131
B74516 (487045)				147
B74517 (487046)				134
B74518 (487047)				131
B74519 (487048)				200
B74520 (487049)				123
B74521 (487050)				129
B74522 (487051)				150
B74523 (487052)				112
B74524 (487053)				104
B74525 (487054)				143
B74526 (487055)				55
B74527 (487056)				54
B74528 (487057)				119
B74529 (487058)				129
B74530 (487059)				131

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T512449

PROJECT: AGAT00763

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ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Aug 29, 2019

DATE RECEIVED: Aug 30, 2019

DATE REPORTED: Sep 19, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
Sample ID (AGAT ID)	RDL:
	5
B74531 (487060)	136
B74532 (487061)	<5
B74533 (487062)	161
B74534 (487063)	89
B74535 (487064)	128
B74536 (487065)	122
B74537 (487066)	123
B74538 (487067)	119

Comments: RDL - Reported Detection Limit

486996-487067 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T512449

PROJECT: AGAT00763

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 29, 2019

DATE RECEIVED: Aug 30, 2019

DATE REPORTED: Sep 19, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
B74467 (486996)			0.017
B74468 (486997)			0.013
B74469 (486998)			0.021
B74470 (486999)			0.053
B74471 (487000)			0.017
B74472 (487001)			0.001
B74473 (487002)			0.034
B74474 (487003)			0.020
B74475 (487004)			0.008
B74476 (487005)			0.014
B74477 (487006)			0.013
B74478 (487007)			0.013
B74479 (487008)			0.008
B74480 (487009)			0.006
B74481 (487010)			0.002
B74482 (487011)			0.002
B74483 (487012)			0.002
B74484 (487013)			0.003
B74485 (487014)			0.003
B74486 (487015)			1.23
B74487 (487016)			0.004
B74488 (487017)			0.004
B74489 (487018)			0.004
B74490 (487019)			0.004
B74491 (487020)			0.004
B74492 (487021)			<0.001
B74493 (487022)			0.004
B74494 (487023)			0.003
B74495 (487024)			0.005
B74496 (487025)			0.003
B74497 (487026)			0.005
B74498 (487027)			0.005

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T512449

PROJECT: AGAT00763

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 29, 2019      DATE RECEIVED: Aug 30, 2019      DATE REPORTED: Sep 19, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
B74499 (487028)		0.015	
B74500 (487029)		0.006	
B74501 (487030)		0.002	
B74502 (487031)		0.002	
B74503 (487032)		0.005	
B74504 (487033)		0.006	
B74505 (487034)		0.007	
B74506 (487035)		0.334	
B74507 (487036)		0.006	
B74508 (487037)		0.006	
B74509 (487038)		0.007	
B74510 (487039)		0.009	
B74511 (487040)		0.052	
B74512 (487041)		0.001	
B74513 (487042)		0.003	
B74514 (487043)		0.003	
B74515 (487044)		0.003	
B74516 (487045)		0.003	
B74517 (487046)		0.006	
B74518 (487047)		0.007	
B74519 (487048)		0.006	
B74520 (487049)		0.006	
B74521 (487050)		0.012	
B74522 (487051)		0.012	
B74523 (487052)		0.004	
B74524 (487053)		0.003	
B74525 (487054)		0.008	
B74526 (487055)		0.528	
B74527 (487056)		0.009	
B74528 (487057)		0.009	
B74529 (487058)		0.014	
B74530 (487059)		0.003	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T512449

PROJECT: AGAT00763

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Aug 29, 2019

DATE RECEIVED: Aug 30, 2019

DATE REPORTED: Sep 19, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
B74531 (487060)			0.005
B74532 (487061)			0.001
B74533 (487062)			0.003
B74534 (487063)			0.004
B74535 (487064)			0.004
B74536 (487065)			0.003
B74537 (487066)			0.004
B74538 (487067)			0.005

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T512449

PROJECT: AGAT00763

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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 FAX (905)501-0589  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Aug 29, 2019

DATE RECEIVED: Aug 30, 2019

DATE REPORTED: Sep 19, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
B74467 (486996)		80.50
B74485 (487014)		86.46
B74505 (487034)		86.90
B74525 (487054)		85.09

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T512449

PROJECT: AGAT00763

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Aug 29, 2019

DATE RECEIVED: Aug 30, 2019

DATE REPORTED: Sep 19, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL: 0.01
B74467 (486996)	87.97

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	486996	0.52	0.44	16.7%	487010	< 0.5	< 0.5	0.0%	487021	< 0.5	< 0.5	0.0%	487034	< 0.5	< 0.5	0.0%
Al	486996	7.29	7.27	0.3%	487010	8.51	8.64	1.5%	487021	0.08	0.08	0.0%	487034	8.50	8.51	0.1%
As	486996	9	9	0.0%	487010	< 1	< 1	0.0%	487021	2	1		487034	7	6	15.4%
Ba	486996	1280	1310	2.3%	487010	409	416	1.7%	487021	13	13	0.0%	487034	936	932	0.4%
Be	486996	28.3	27.7	2.1%	487010	1.4	1.4	0.0%	487021	< 0.5	< 0.5	0.0%	487034	1.5	1.5	0.0%
Bi	486996	< 1	< 1	0.0%	487010	< 1	< 1	0.0%	487021	< 1	< 1	0.0%	487034	< 1	< 1	0.0%
Ca	486996	0.533	0.550	3.1%	487010	3.43	3.46	0.9%	487021	31.6	32.2	1.9%	487034	1.88	1.85	1.6%
Cd	486996	< 0.5	< 0.5	0.0%	487010	< 0.5	< 0.5	0.0%	487021	< 0.5	< 0.5	0.0%	487034	< 0.5	< 0.5	0.0%
Ce	486996	20	22	9.5%	487010	39	37	5.3%	487021	< 1	< 1	0.0%	487034	108	102	5.7%
Co	486996	3.7	3.7	0.0%	487010	30.9	30.0	3.0%	487021	0.79	0.74	6.5%	487034	14.9	14.4	3.4%
Cr	486996	150	122	20.6%	487010	216	215	0.5%	487021	3.5	4.1	15.8%	487034	129	130	0.8%
Cu	486996	40.0	37.6	6.2%	487010	65.6	66.5	1.4%	487021	< 0.5	< 0.5	0.0%	487034	24.1	24.9	3.3%
Fe	486996	2.19	2.18	0.5%	487010	5.45	5.56	2.0%	487021	0.11	0.11	0.0%	487034	3.51	3.50	0.3%
Ga	486996	21	21	0.0%	487010	20	19	5.1%	487021	< 5	< 5	0.0%	487034	22	21	4.7%
In	486996	< 1	< 1	0.0%	487010	< 1	< 1	0.0%	487021	< 1	< 1	0.0%	487034	< 1	< 1	0.0%
K	486996	4.88	4.63	5.3%	487010	1.05	1.07	1.9%	487021	0.015	0.015	0.0%	487034	1.82	1.84	1.1%
La	486996	9	10	10.5%	487010	20	19	5.1%	487021	< 2	< 2	0.0%	487034	50	46	8.3%
Li	486996	29	30	3.4%	487010	32	32	0.0%	487021	1	1	0.0%	487034	26	26	0.0%
Mg	486996	0.462	0.475	2.8%	487010	1.92	1.96	2.1%	487021	2.67	2.77	3.7%	487034	1.29	1.29	0.0%
Mn	486996	173	176	1.7%	487010	909	923	1.5%	487021	104	106	1.9%	487034	437	437	0.0%
Mo	486996	19.2	14.8	25.9%	487010	15.4	14.6	5.3%	487021	< 0.5	0.8		487034	12.5	12.4	0.8%
Na	486996	1.04	0.98	5.9%	487010	2.00	2.01	0.5%	487021	0.04	0.04	0.0%	487034	3.13	3.11	0.6%
Ni	486996	7.6	7.0	8.2%	487010	69.2	67.7	2.2%	487021	0.8	0.8	0.0%	487034	38.9	38.2	1.8%
P	486996	239	247	3.3%	487010	579	554	4.4%	487021	95	89	6.5%	487034	1070	1040	2.8%
Pb	486996	< 20	< 20	0.0%	487010	< 20	< 20	0.0%	487021	< 20	< 20	0.0%	487034	< 20	< 20	0.0%
Rb	486996	154	159	3.2%	487010	< 50	< 50	0.0%	487021	< 50	< 50	0.0%	487034	66	65	1.5%
S	486996	0.94	0.94	0.0%	487010	0.207	0.204	1.5%	487021	0.074	0.064	14.5%	487034	0.114	0.118	3.4%
Sb	486996	3	1		487010	< 1	< 1	0.0%	487021	< 1	< 1	0.0%	487034	< 1	< 1	0.0%
Sc	486996	6	7	15.4%	487010	29	28	3.5%	487021	< 1	< 1	0.0%	487034	13	13	0.0%
Se	486996	< 10	< 10	0.0%	487010	< 10	< 10	0.0%	487021	< 10	< 10	0.0%	487034	< 10	< 10	0.0%
Sn	486996	< 5	< 5	0.0%	487010	< 5	< 5	0.0%	487021	< 5	< 5	0.0%	487034	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	486996	69	68	1.5%	487010	455	457	0.4%	487021	67	67	0.0%	487034	657	664	1.1%
Ta	486996	< 10	< 10	0.0%	487010	< 10	< 10	0.0%	487021	< 10	< 10	0.0%	487034	< 10	< 10	0.0%
Te	486996	< 10	< 10	0.0%	487010	< 10	< 10	0.0%	487021	< 10	< 10	0.0%	487034	< 10	< 10	0.0%
Th	486996	< 5	< 5	0.0%	487010	< 5	< 5	0.0%	487021	< 5	< 5	0.0%	487034	< 5	< 5	0.0%
Ti	486996	0.095	0.092	3.2%	487010	0.54	0.55	1.8%	487021	< 0.01	< 0.01	0.0%	487034	0.32	0.32	0.0%
Tl	486996	< 5	< 5	0.0%	487010	< 5	< 5	0.0%	487021	< 5	< 5	0.0%	487034	< 5	< 5	0.0%
U	486996	< 50	< 50	0.0%	487010	< 50	< 50	0.0%	487021	< 50	< 50	0.0%	487034	< 50	< 50	0.0%
V	486996	58.3	58.8	0.9%	487010	200	195	2.5%	487021	1.6	1.5	6.5%	487034	96.1	93.9	2.3%
W	486996	< 1	< 1	0.0%	487010	< 1	< 1	0.0%	487021	< 1	< 1	0.0%	487034	< 1	< 1	0.0%
Y	486996	14	15	6.9%	487010	20	20	0.0%	487021	2	2	0.0%	487034	13	12	8.0%
Zn	486996	39.6	40.0	1.0%	487010	95.8	98.2	2.5%	487021	3.11	3.77	19.2%	487034	81.6	84.4	3.4%
Zr	486996	66	69	4.4%	487010	99	100	1.0%	487021	< 5	< 5	0.0%	487034	113	113	0.0%

Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	487046	0.5	< 0.5		487060	0.62	0.80	25.4%								
Al	487046	6.66	6.38	4.3%	487060	8.61	8.39	2.6%								
As	487046	< 1	< 1	0.0%	487060	< 1	< 1	0.0%								
Ba	487046	534	520	2.7%	487060	487	475	2.5%								
Be	487046	1.7	1.7	0.0%	487060	1.46	1.40	4.2%								
Bi	487046	< 1	< 1	0.0%	487060	< 1	< 1	0.0%								
Ca	487046	2.74	2.76	0.7%	487060	2.17	2.19	0.9%								
Cd	487046	< 0.5	< 0.5	0.0%	487060	< 0.5	< 0.5	0.0%								
Ce	487046	76	71	6.8%	487060	57	53	7.3%								
Co	487046	24.3	23.4	3.8%	487060	26.4	25.8	2.3%								
Cr	487046	228	200	13.1%	487060	121	143	16.7%								
Cu	487046	51.2	49.9	2.6%	487060	62.1	59.8	3.8%								
Fe	487046	4.52	4.38	3.1%	487060	4.69	4.58	2.4%								
Ga	487046	17	16	6.1%	487060	21	20	4.9%								
In	487046	< 1	< 1	0.0%	487060	< 1	< 1	0.0%								
K	487046	1.64	1.56	5.0%	487060	1.94	1.88	3.1%								
La	487046	36	34	5.7%	487060	27	26	3.8%								
Li	487046	36	35	2.8%	487060	21	20	4.9%								
Mg	487046	2.33	2.31	0.9%	487060	1.21	1.19	1.7%								
Mn	487046	649	643	0.9%	487060	775	755	2.6%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	487046	2.87	2.51	13.4%	487060	2.3	1.9	19.0%								
Na	487046	1.75	1.73	1.1%	487060	1.80	1.80	0.0%								
Ni	487046	107	106	0.9%	487060	62.0	61.0	1.6%								
P	487046	1000	972	2.8%	487060	572	556	2.8%								
Pb	487046	< 20	< 20	0.0%	487060	< 20	< 20	0.0%								
Rb	487046	60	58	3.4%	487060	76	75	1.3%								
S	487046	0.18	0.18	0.0%	487060	0.30	0.29	3.4%								
Sb	487046	< 1	< 1	0.0%	487060	< 1	< 1	0.0%								
Sc	487046	17	16	6.1%	487060	26	26	0.0%								
Se	487046	< 10	< 10	0.0%	487060	< 10	< 10	0.0%								
Sn	487046	< 5	< 5	0.0%	487060	< 5	< 5	0.0%								
Sr	487046	431	429	0.5%	487060	403	404	0.2%								
Ta	487046	< 10	< 10	0.0%	487060	< 10	< 10	0.0%								
Te	487046	< 10	< 10	0.0%	487060	< 10	< 10	0.0%								
Th	487046	< 5	< 5	0.0%	487060	< 5	< 5	0.0%								
Ti	487046	0.53	0.53	0.0%	487060	0.52	0.52	0.0%								
Tl	487046	< 5	< 5	0.0%	487060	< 5	< 5	0.0%								
U	487046	< 50	< 50	0.0%	487060	< 50	< 50	0.0%								
V	487046	131	124	5.5%	487060	173	171	1.2%								
W	487046	< 1	< 1	0.0%	487060	< 1	< 1	0.0%								
Y	487046	15	14	6.9%	487060	17	17	0.0%								
Zn	487046	75.3	74.6	0.9%	487060	106	106	0.0%								
Zr	487046	134	126	6.2%	487060	136	138	1.5%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	486996	0.0171	0.0178	4.0%	487010	0.002	0.002	0.0%	487021	< 0.001	< 0.001	0.0%	487034	0.007	0.008	13.3%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	487046	0.006	0.005	18.2%	487060	0.0045	0.0040	11.8%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS4H)				CRM #2 (ref.1P5R)				CRM #3 (ref.1P5R)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	2.91	96%	90% - 110%
Al	10.95	10.64	97%	90% - 110%	8.17	8.5	104%	90% - 110%	6.96	6.98	100%	90% - 110%	4.75	4.9	103%	90% - 110%
As					26	25	95%	90% - 110%	124	124	100%	90% - 110%				
Ba	340	316	93%	90% - 110%	540	525	97%	90% - 110%	186	181	97%	90% - 110%	216	220	102%	90% - 110%
Be	2.6	2.7	103%	90% - 110%	4.0	3.9	97%	90% - 110%								
Ca	5.72	5.61	98%	90% - 110%	0.907	0.926	102%	90% - 110%	4.01	4	100%	90% - 110%	10	10	99%	90% - 110%
Ce	122	120	99%	90% - 110%	98	105	107%	90% - 110%	24	23	95%	90% - 110%				
Co									22.1	21.4	97%	90% - 110%	191	183	96%	90% - 110%
Cr					60.3	65.9	109%	90% - 110%					670	642	95%	90% - 110%
Cu					150	155	103%	90% - 110%	88.6	84.2	95%	90% - 110%	7120	7103	100%	90% - 110%
Fe	4.34	4.16	96%	90% - 110%	3.77	3.95	105%	90% - 110%	7.56	7.66	101%	90% - 110%	12.71	12.78	101%	90% - 110%
Ga	35	35	101%	90% - 110%												
K	1.37	1.37	100%	90% - 110%					2.021	1.997	99%	90% - 110%	0.1021	0.1125	110%	90% - 110%
La	58	54	93%	90% - 110%	44	45	102%	90% - 110%					8.47	8.43	100%	90% - 110%
Li	37	37	99%	90% - 110%	47	47	99%	90% - 110%								
Mg	0.325	0.301	93%	90% - 110%	1.10	1.08	98%	90% - 110%	2.412	2.425	101%	90% - 110%	7.41	7.54	102%	90% - 110%
Mn					780	762	98%	90% - 110%	1510	1416	94%	90% - 110%				
Mo					14	14	98%	90% - 110%								
Na	5.267	5.028	95%	90% - 110%	1.624	1.641	101%	90% - 110%	0.617	0.613	99%	90% - 110%	0.112	0.115	103%	90% - 110%
Ni					32	32	99%	90% - 110%	77.1	71.5	93%	90% - 110%	2480	2420	98%	90% - 110%
P					750	763	102%	90% - 110%	892	886	99%	90% - 110%	731	759	104%	90% - 110%
Pb	10	9	90%	90% - 110%	31	30	97%	90% - 110%								
Rb	55	58	105%	90% - 110%	143	133	93%	90% - 110%								
S									0.348	0.365	105%	90% - 110%				
Sc	1.1	1.1	95%	90% - 110%	12	13	110%	90% - 110%					21.33	22.65	106%	90% - 110%
Sr	1191	1131	95%	90% - 110%	144	154	107%	90% - 110%	92.8	89.9	97%	90% - 110%	39	39	100%	90% - 110%
Ti	0.172	0.166	97%	90% - 110%	0.53	0.5	95%	90% - 110%					0.419	0.42	100%	90% - 110%
V	8	7	92%	90% - 110%	77	79	102%	90% - 110%					158	165	105%	90% - 110%
Y	119	125	105%	90% - 110%									12.67	13.86	109%	90% - 110%
Zn	93	89	95%	90% - 110%	130	124	95%	90% - 110%	208	204	98%	90% - 110%	112	119	106%	90% - 110%
Zr													35.7	38.8	109%	90% - 110%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS4H)				CRM #2 (ref.1P5R)				CRM #3 (ref.1P5R)				CRM #4 (ref.GS6F)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.01	5.2	104%	90% - 110%	1.81	1.75	96%	90% - 110%	1.81	1.74	96%	90% - 110%	6.87	6.63	96%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19T512449

PROJECT: AGAT00763

ATTENTION TO: Craig Yuill

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE



CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00766

AGAT WORK ORDER: 19T513179

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 23, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T513179

PROJECT: AGAT00766

5623 McADAM ROAD  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 02, 2019      DATE RECEIVED: Sep 03, 2019      DATE REPORTED: Sep 23, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
B74539 (494147)		0.91
B74540 (494148)		2.15
B74541 (494149)		2.03
B74542 (494150)		0.69
B74543 (494151)		1.25
B74544 (494152)		0.77
B74545 (494153)		1.01
B74546 (494154)		0.07
B74547 (494155)		1.59
B74548 (494156)		1.52
B74549 (494157)		1.09
B74550 (494158)		0.80
B74551 (494159)		2.14
B74552 (494160)		0.66
B74553 (494161)		2.24
B74554 (494162)		1.41
B74555 (494163)		1.38
B74556 (494164)		1.87
B74557 (494165)		2.31
B74558 (494166)		2.31
B74559 (494167)		2.33
B74560 (494168)		2.25
B74561 (494169)		2.13
B74562 (494170)		1.68
B74563 (494171)		1.18
B74564 (494172)		1.87
B74565 (494173)		1.78
B74566 (494174)		0.07
B74567 (494175)		1.84
B74568 (494176)		1.47
B74569 (494177)		1.35

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T513179

PROJECT: AGAT00766

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Sep 02, 2019      DATE RECEIVED: Sep 03, 2019      DATE REPORTED: Sep 23, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
B74570 (494178)		2.12
B74571 (494179)		1.03
B74572 (494180)		0.65
B74573 (494181)		0.80
B74574 (494182)		1.21
B74575 (494183)		1.15
B74576 (494184)		1.35
B74577 (494185)		0.70
B74578 (494186)		0.70
B74579 (494187)		0.94
B74580 (494188)		0.78
B74581 (494189)		1.44
B74582 (494190)		1.14
B74583 (494191)		1.66
B74584 (494192)		2.27
B74585 (494193)		2.40
B74586 (494194)		0.06
B74587 (494195)		2.29
B74588 (494196)		2.13
B74589 (494197)		2.23
B74590 (494198)		2.09
B74591 (494199)		2.17
B74592 (494200)		0.65
B74593 (494201)		2.18
B74594 (494202)		2.28
B74595 (494203)		2.15
B74596 (494204)		1.31
B74597 (494205)		0.86
B74598 (494206)		0.86
B74599 (494207)		1.57
B74600 (494208)		2.03

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T513179

PROJECT: AGAT00766

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 02, 2019	DATE RECEIVED: Sep 03, 2019	DATE REPORTED: Sep 23, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
B74601 (494209)		2.26
B74602 (494210)		2.57
B74603 (494211)		2.27
B74604 (494212)		2.23
B74605 (494213)		2.16
B74606 (494214)		0.07
B74607 (494215)		2.21
B74608 (494216)		2.21
B74609 (494217)		2.21
B74610 (494218)		2.20

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T513179

PROJECT: AGAT00766

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 02, 2019	DATE RECEIVED: Sep 03, 2019							DATE REPORTED: Sep 23, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
B74539 (494147)	<0.5	7.66	<1	358	1.5	<1	2.25	<0.5	53	7.9	75.1	<0.5	2.02	22	
B74540 (494148)	<0.5	8.64	1	449	1.3	<1	2.12	<0.5	66	23.0	124	58.9	4.08	24	
B74541 (494149)	<0.5	8.72	<1	507	1.4	<1	1.90	<0.5	82	20.9	117	42.3	3.96	26	
B74542 (494150)	<0.5	7.66	<1	474	1.4	<1	1.28	<0.5	57	16.8	125	30.9	3.21	29	
B74543 (494151)	<0.5	8.31	8	1270	1.2	<1	1.46	<0.5	89	14.5	74.4	29.5	2.82	26	
B74544 (494152)	<0.5	8.12	6	945	1.5	<1	1.54	<0.5	87	16.2	84.3	36.2	3.20	26	
B74545 (494153)	<0.5	8.59	6	739	2.1	<1	2.00	<0.5	59	20.7	72.5	41.4	4.05	26	
B74546 (494154)	<0.5	7.38	<1	141	<0.5	<1	6.81	<0.5	6	44.1	156	148	7.99	22	
B74547 (494155)	<0.5	9.01	3	552	1.7	<1	2.34	<0.5	85	20.9	113	37.1	3.92	26	
B74548 (494156)	<0.5	8.74	6	436	1.0	<1	1.65	<0.5	80	18.8	113	32.3	3.53	30	
B74549 (494157)	<0.5	8.41	18	709	0.9	<1	1.58	<0.5	104	12.9	90.1	7.6	2.81	27	
B74550 (494158)	<0.5	8.17	5	524	0.9	<1	1.66	<0.5	94	12.7	87.2	15.9	2.80	27	
B74551 (494159)	<0.5	8.68	24	466	1.0	<1	2.27	<0.5	76	22.8	125	46.8	4.29	25	
B74552 (494160)	<0.5	0.08	2	13	<0.5	<1	31.7	<0.5	2	1.0	4.7	<0.5	0.09	6	
B74553 (494161)	<0.5	8.98	42	481	1.4	<1	2.64	<0.5	38	31.9	174	48.9	5.95	26	
B74554 (494162)	<0.5	8.40	5	452	0.8	<1	1.76	<0.5	54	27.6	202	48.1	6.43	24	
B74555 (494163)	<0.5	8.31	1	522	1.0	<1	1.46	<0.5	64	26.6	215	60.0	6.42	26	
B74556 (494164)	<0.5	9.01	1	382	1.0	<1	2.04	<0.5	55	23.0	156	60.4	5.30	24	
B74557 (494165)	<0.5	8.61	<1	423	0.8	<1	1.66	<0.5	63	25.5	187	31.8	5.43	25	
B74558 (494166)	<0.5	8.44	<1	415	0.8	<1	1.68	<0.5	62	25.3	177	31.7	5.40	24	
B74559 (494167)	<0.5	8.39	<1	406	0.9	<1	1.74	<0.5	52	25.4	197	33.6	5.91	25	
B74560 (494168)	<0.5	8.11	<1	491	0.9	<1	2.23	<0.5	54	11.5	107	30.8	2.83	23	
B74561 (494169)	<0.5	7.83	<1	522	0.8	<1	2.14	<0.5	56	9.3	78.4	160	2.49	21	
B74562 (494170)	<0.5	7.78	<1	514	0.8	<1	2.07	<0.5	63	9.8	82.0	47.6	2.62	21	
B74563 (494171)	<0.5	7.72	<1	352	0.9	<1	1.53	<0.5	53	14.7	94.0	30.9	3.22	22	
B74564 (494172)	<0.5	8.14	<1	433	0.8	<1	1.88	<0.5	71	26.5	182	32.9	4.42	25	
B74565 (494173)	<0.5	8.56	<1	390	0.9	<1	2.30	<0.5	49	34.4	204	111	5.93	23	
B74566 (494174)	<0.5	7.30	<1	139	<0.5	<1	6.88	<0.5	6	46.3	167	144	8.08	19	
B74567 (494175)	<0.5	8.75	<1	389	0.6	<1	2.19	<0.5	41	33.8	172	34.4	6.03	23	
B74568 (494176)	<0.5	8.78	1	318	1.2	<1	1.99	<0.5	40	29.3	148	59.0	5.45	26	
B74569 (494177)	<0.5	7.55	5	274	2.7	<1	0.65	<0.5	79	10.7	90.0	76.8	2.65	27	
B74570 (494178)	<0.5	7.76	6	525	2.5	<1	0.12	<0.5	59	9.5	113	71.1	2.39	26	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T513179

PROJECT: AGAT00766

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 02, 2019	DATE RECEIVED: Sep 03, 2019							DATE REPORTED: Sep 23, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
B74571 (494179)	0.7	7.55	6	789	3.2	<1	0.39	<0.5	49	10.9	118	94.1	3.16	20	
B74572 (494180)	<0.5	0.10	<1	14	<0.5	<1	32.2	<0.5	1	0.7	5.9	<0.5	0.10	6	
B74573 (494181)	<0.5	6.91	64	535	2.3	<1	3.50	<0.5	37	18.1	173	50.6	3.57	21	
B74574 (494182)	<0.5	2.60	61	163	12.7	<1	5.93	<0.5	78	61.8	341	94.4	7.53	19	
B74575 (494183)	1.8	7.11	4	738	5.0	<1	0.42	<0.5	40	9.8	151	90.4	3.16	27	
B74576 (494184)	<0.5	8.17	<1	195	1.0	<1	1.86	<0.5	43	8.2	88.3	10.2	2.35	23	
B74577 (494185)	<0.5	7.45	3	220	0.9	<1	1.49	<0.5	45	7.2	80.0	10.7	1.91	23	
B74578 (494186)	<0.5	7.81	<1	229	0.9	<1	1.56	<0.5	46	7.2	83.6	11.4	1.98	23	
B74579 (494187)	<0.5	8.23	1	477	0.9	<1	1.57	<0.5	48	7.2	78.4	14.6	2.12	22	
B74580 (494188)	1.0	7.45	<1	576	1.3	<1	1.90	<0.5	80	22.0	213	104	4.24	23	
B74581 (494189)	<0.5	7.51	<1	285	1.1	<1	1.23	<0.5	44	7.4	86.1	9.3	2.17	21	
B74582 (494190)	<0.5	7.54	<1	354	1.9	<1	1.52	<0.5	42	13.0	131	4.4	2.90	21	
B74583 (494191)	<0.5	7.93	<1	542	3.0	<1	2.18	<0.5	46	12.6	127	8.1	2.65	21	
B74584 (494192)	<0.5	2.39	<1	890	0.9	<1	7.73	<0.5	127	84.8	596	117	10.3	21	
B74585 (494193)	<0.5	3.25	<1	924	0.7	<1	7.65	<0.5	109	73.0	493	119	9.57	22	
B74586 (494194)	<0.5	7.72	<1	177	<0.5	<1	6.54	<0.5	17	45.7	160	101	7.86	24	
B74587 (494195)	0.7	8.00	4	1180	3.8	<1	2.27	<0.5	32	12.7	130	22.9	2.73	22	
B74588 (494196)	<0.5	8.47	2	862	1.6	<1	2.12	<0.5	31	8.0	89.3	<0.5	2.12	22	
B74589 (494197)	<0.5	8.29	<1	359	0.9	<1	1.95	<0.5	27	7.3	69.3	1.7	1.97	23	
B74590 (494198)	<0.5	8.63	2	391	0.9	<1	1.99	<0.5	32	7.1	72.4	2.8	2.05	24	
B74591 (494199)	<0.5	8.44	2	440	1.0	<1	1.97	<0.5	31	7.2	95.1	5.2	1.94	23	
B74592 (494200)	<0.5	0.10	3	14	<0.5	<1	32.2	<0.5	2	1.0	7.2	<0.5	0.09	6	
B74593 (494201)	<0.5	8.32	2	339	0.9	<1	2.15	<0.5	33	6.7	76.4	10.8	1.85	22	
B74594 (494202)	<0.5	8.64	<1	341	0.9	<1	2.34	<0.5	28	7.4	91.7	22.1	2.00	24	
B74595 (494203)	<0.5	8.68	4	302	0.9	<1	2.83	<0.5	28	6.4	82.1	14.5	2.06	24	
B74596 (494204)	<0.5	8.59	<1	430	0.9	<1	2.33	<0.5	31	5.9	87.3	<0.5	1.86	23	
B74597 (494205)	<0.5	8.51	2	327	1.0	<1	2.18	<0.5	33	7.3	87.9	5.1	1.94	25	
B74598 (494206)	<0.5	8.63	<1	347	1.0	<1	2.25	<0.5	38	7.3	96.8	4.6	1.96	24	
B74599 (494207)	<0.5	8.12	3	298	1.1	<1	2.18	<0.5	28	6.6	80.8	12.8	1.93	23	
B74600 (494208)	<0.5	8.69	<1	294	0.9	<1	2.43	<0.5	30	6.9	93.6	9.8	2.02	24	
B74601 (494209)	<0.5	8.38	<1	263	0.9	<1	2.39	<0.5	27	6.7	77.0	6.4	1.96	23	
B74602 (494210)	<0.5	8.79	<1	317	0.8	<1	2.50	<0.5	30	6.7	82.9	<0.5	1.99	23	

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## Certificate of Analysis

AGAT WORK ORDER: 19T513179

PROJECT: AGAT00766

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 02, 2019		DATE RECEIVED: Sep 03, 2019						DATE REPORTED: Sep 23, 2019				SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
B74603 (494211)		<0.5	7.99	<1	400	1.2	<1	2.19	<0.5	32	8.4	79.3	6.2	2.15	23
B74604 (494212)		<0.5	8.63	<1	322	0.7	<1	2.36	<0.5	26	7.1	12.6	9.9	2.25	23
B74605 (494213)		<0.5	7.90	<1	395	0.7	<1	2.21	<0.5	27	7.3	11.1	14.1	2.19	22
B74606 (494214)		<0.5	7.54	<1	178	<0.5	<1	6.61	<0.5	17	46.2	161	97.1	7.95	24
B74607 (494215)		<0.5	8.52	<1	350	0.8	<1	2.55	<0.5	31	7.4	16.3	1.0	2.23	24
B74608 (494216)		<0.5	8.35	3	333	0.8	<1	2.73	<0.5	28	7.0	13.0	3.0	2.21	22
B74609 (494217)		<0.5	7.30	<1	225	0.9	<1	3.31	<0.5	38	9.0	18.1	20.6	2.26	22
B74610 (494218)		<0.5	7.23	<1	768	0.9	<1	2.73	<0.5	37	6.7	14.4	11.1	2.17	21

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 02, 2019	DATE RECEIVED: Sep 03, 2019					DATE REPORTED: Sep 23, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
B74539 (494147)	<1	1.65	25	19	1.03	339	10.6	2.33	16.1	594	<20	<50	<0.01	<1	
B74540 (494148)	<1	2.21	32	21	1.32	721	10.2	2.54	59.4	684	<20	<50	0.21	<1	
B74541 (494149)	<1	2.65	40	23	1.38	608	12.7	2.96	55.8	1040	<20	<50	0.18	<1	
B74542 (494150)	<1	2.07	27	24	1.02	634	13.0	2.40	43.4	158	20	<50	0.12	<1	
B74543 (494151)	<1	6.54	39	8	1.00	454	9.7	2.05	38.4	673	<20	61	0.14	<1	
B74544 (494152)	<1	5.26	41	9	0.99	588	8.8	2.59	44.8	505	<20	<50	0.16	<1	
B74545 (494153)	<1	4.23	29	16	1.35	649	7.7	3.75	54.8	476	<20	<50	0.15	<1	
B74546 (494154)	<1	0.21	5	12	4.31	1400	<0.5	2.38	89.8	405	<20	<50	0.16	<1	
B74547 (494155)	<1	2.39	42	26	1.38	594	8.9	3.16	55.8	980	<20	<50	0.14	<1	
B74548 (494156)	<1	2.25	40	18	1.18	697	15.0	2.93	54.9	353	<20	<50	0.12	<1	
B74549 (494157)	<1	2.55	50	15	1.01	539	17.0	2.83	31.8	264	21	<50	0.05	<1	
B74550 (494158)	<1	2.30	47	13	1.09	349	11.6	2.80	29.5	599	<20	<50	0.07	<1	
B74551 (494159)	<1	2.13	38	16	1.50	736	14.9	2.54	56.7	823	<20	<50	0.14	<1	
B74552 (494160)	2	0.01	<2	1	2.44	52	<0.5	0.05	0.9	94	<20	<50	0.03	<1	
B74553 (494161)	<1	1.98	19	21	1.63	1100	11.5	2.71	63.2	523	<20	<50	0.18	<1	
B74554 (494162)	<1	1.66	28	27	1.46	827	18.7	1.74	72.2	607	<20	<50	0.17	<1	
B74555 (494163)	<1	1.75	33	30	1.42	718	15.5	1.64	74.6	699	<20	<50	0.21	<1	
B74556 (494164)	<1	1.86	28	28	1.41	761	14.8	2.60	61.5	666	<20	<50	0.24	<1	
B74557 (494165)	<1	1.84	32	30	1.41	707	13.5	1.97	68.4	674	<20	<50	0.14	<1	
B74558 (494166)	<1	1.80	31	30	1.41	718	16.5	1.97	67.9	667	<20	<50	0.14	<1	
B74559 (494167)	<1	1.88	27	29	1.46	726	14.4	1.98	70.8	569	<20	<50	0.18	<1	
B74560 (494168)	<1	1.68	26	20	1.25	490	17.2	2.61	19.0	662	<20	<50	0.24	<1	
B74561 (494169)	<1	1.66	29	18	1.13	423	12.3	2.73	11.9	673	<20	<50	0.41	<1	
B74562 (494170)	<1	1.62	32	22	1.26	471	14.9	2.64	15.3	809	<20	<50	0.25	<1	
B74563 (494171)	<1	1.98	26	18	1.60	468	10.4	1.89	32.9	670	<20	<50	0.15	<1	
B74564 (494172)	<1	1.86	35	41	1.63	651	16.8	1.92	74.9	754	<20	<50	0.17	<1	
B74565 (494173)	<1	1.61	25	38	1.61	1020	21.8	1.92	71.1	590	<20	<50	0.68	<1	
B74566 (494174)	<1	0.21	5	12	4.32	1400	<0.5	2.36	99.7	435	<20	<50	0.16	<1	
B74567 (494175)	<1	1.77	21	40	1.56	1210	13.5	2.04	69.4	590	<20	<50	0.20	<1	
B74568 (494176)	<1	2.47	20	34	1.54	729	9.4	2.94	59.6	578	38	<50	0.82	<1	
B74569 (494177)	<1	3.05	39	16	0.31	143	15.8	3.62	13.3	236	<20	<50	1.48	<1	
B74570 (494178)	<1	4.33	29	14	0.22	102	14.3	2.66	12.9	234	<20	<50	1.23	<1	

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## Certificate of Analysis

AGAT WORK ORDER: 19T513179

PROJECT: AGAT00766

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 02, 2019	DATE RECEIVED: Sep 03, 2019					DATE REPORTED: Sep 23, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
B74571 (494179)	<1	3.51	25	19	0.40	172	19.1	2.55	13.0	1220	37	<50	1.63	<1	
B74572 (494180)	3	0.02	<2	2	2.66	44	<0.5	0.05	0.6	101	<20	<50	0.03	<1	
B74573 (494181)	<1	2.62	20	73	2.33	590	10.9	2.98	73.6	479	60	<50	0.52	<1	
B74574 (494182)	<1	2.36	42	180	7.91	1220	5.4	1.45	406	845	<20	<50	0.18	<1	
B74575 (494183)	<1	3.29	20	38	0.32	108	14.6	2.45	13.2	236	<20	<50	1.78	<1	
B74576 (494184)	<1	1.81	22	19	1.35	384	12.3	3.14	33.8	541	<20	<50	0.24	<1	
B74577 (494185)	<1	1.44	23	16	0.89	320	16.3	2.77	9.6	365	<20	<50	0.22	<1	
B74578 (494186)	<1	1.50	24	17	0.91	330	14.1	2.92	10.7	371	<20	<50	0.22	<1	
B74579 (494187)	<1	2.09	25	15	1.18	395	15.8	3.00	9.4	509	<20	<50	0.23	<1	
B74580 (494188)	<1	2.66	38	37	2.41	684	14.4	2.21	77.3	2920	<20	<50	1.49	<1	
B74581 (494189)	<1	1.87	23	24	1.47	381	16.7	2.54	8.7	582	<20	<50	0.14	<1	
B74582 (494190)	<1	2.42	23	75	2.39	503	12.1	2.81	40.1	592	<20	<50	0.05	<1	
B74583 (494191)	<1	1.82	25	50	2.24	435	11.2	4.27	47.2	612	<20	<50	0.04	<1	
B74584 (494192)	<1	1.87	71	8	10.9	1640	1.2	0.82	502	2360	<20	<50	0.21	<1	
B74585 (494193)	<1	2.20	60	19	9.25	1540	1.8	1.58	417	2240	<20	<50	0.25	<1	
B74586 (494194)	<1	0.47	11	11	4.45	1370	<0.5	2.37	116	890	<20	<50	0.10	<1	
B74587 (494195)	<1	2.38	18	72	1.74	485	10.3	3.80	20.7	604	51	<50	0.15	<1	
B74588 (494196)	<1	1.91	16	45	1.02	294	9.5	3.81	10.6	473	377	<50	0.04	<1	
B74589 (494197)	<1	1.38	15	30	0.74	264	15.0	3.65	7.0	457	<20	<50	0.03	<1	
B74590 (494198)	<1	1.42	17	32	0.69	283	14.2	3.84	7.3	462	<20	<50	0.04	<1	
B74591 (494199)	<1	1.48	17	28	0.66	282	11.2	3.81	8.1	421	<20	<50	0.05	<1	
B74592 (494200)	2	0.02	<2	<1	2.75	50	<0.5	0.06	0.7	92	<20	<50	0.01	<1	
B74593 (494201)	<1	1.27	18	26	0.65	278	14.6	3.62	5.8	429	<20	<50	0.10	<1	
B74594 (494202)	<1	1.27	15	30	0.77	304	10.6	3.57	6.6	439	<20	<50	0.25	<1	
B74595 (494203)	<1	1.44	16	36	1.27	301	13.6	2.88	6.2	453	<20	<50	0.28	<1	
B74596 (494204)	<1	1.59	17	42	0.96	266	10.7	3.18	10.7	606	<20	<50	0.06	<1	
B74597 (494205)	<1	1.35	17	34	0.89	260	13.2	3.28	10.1	241	<20	<50	0.11	<1	
B74598 (494206)	<1	1.37	20	35	0.91	262	11.1	3.35	8.6	240	<20	<50	0.10	<1	
B74599 (494207)	<1	1.43	15	26	0.93	257	15.2	3.22	6.0	372	<20	<50	0.18	<1	
B74600 (494208)	<1	1.45	17	36	1.04	274	12.7	3.13	7.4	428	<20	<50	0.09	<1	
B74601 (494209)	<1	1.40	14	35	0.96	268	14.5	3.12	5.6	381	<20	<50	0.08	<1	
B74602 (494210)	<1	1.39	16	45	0.94	287	12.6	3.13	8.4	452	<20	<50	0.02	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T513179

PROJECT: AGAT00766

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 02, 2019		DATE RECEIVED: Sep 03, 2019					DATE REPORTED: Sep 23, 2019					SAMPLE TYPE: Drill Core				
Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1	
B74603 (494211)		<1	1.78	18	28	1.07	331	14.4	3.07	8.3	499	<20	<50	0.07	<1	
B74604 (494212)		<1	1.48	15	36	1.00	327	3.5	3.11	5.4	432	<20	<50	0.06	<1	
B74605 (494213)		<1	1.51	15	34	1.02	317	1.1	2.77	5.4	456	<20	<50	0.10	<1	
B74606 (494214)		<1	0.46	11	10	4.38	1350	<0.5	2.37	118	906	<20	<50	0.09	<1	
B74607 (494215)		<1	1.52	18	31	0.91	326	1.2	3.00	5.5	472	<20	<50	0.03	<1	
B74608 (494216)		<1	1.47	16	35	1.02	331	0.9	2.79	4.5	430	<20	<50	0.04	<1	
B74609 (494217)		<1	1.28	21	30	1.64	431	1.3	1.83	7.4	435	<20	<50	0.12	<1	
B74610 (494218)		<1	1.41	21	19	1.32	334	2.1	1.76	5.6	410	<20	<50	0.07	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 02, 2019

DATE RECEIVED: Sep 03, 2019

DATE REPORTED: Sep 23, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
B74539 (494147)	6	<10	<5	353	<10	<10	<5	0.18	<5	<50	41.4	<1	7	53.0
B74540 (494148)	20	<10	<5	369	<10	<10	<5	0.41	<5	<50	143	<1	14	98.9
B74541 (494149)	16	<10	<5	375	<10	<10	<5	0.35	<5	<50	114	<1	13	104
B74542 (494150)	16	<10	<5	314	<10	<10	<5	0.28	<5	<50	101	<1	13	123
B74543 (494151)	10	<10	<5	299	<10	<10	9	0.22	<5	<50	78.1	<1	12	52.2
B74544 (494152)	10	<10	<5	284	<10	<10	6	0.20	<5	<50	70.4	<1	11	55.6
B74545 (494153)	13	<10	<5	315	<10	<10	<5	0.23	<5	<50	91.6	<1	9	83.6
B74546 (494154)	46	<10	<5	115	<10	<10	<5	0.68	<5	<50	310	<1	22	79.2
B74547 (494155)	17	<10	<5	533	<10	<10	<5	0.35	<5	<50	129	<1	15	95.2
B74548 (494156)	17	<10	<5	421	<10	<10	<5	0.32	<5	<50	113	<1	16	107
B74549 (494157)	13	<10	<5	474	<10	<10	<5	0.26	<5	<50	78.4	<1	15	94.4
B74550 (494158)	11	<10	<5	476	<10	<10	<5	0.26	<5	<50	77.0	<1	15	89.0
B74551 (494159)	18	<10	<5	468	<10	<10	<5	0.37	<5	<50	139	<1	14	79.2
B74552 (494160)	<1	<10	<5	66	<10	<10	<5	<0.01	<5	<50	1.3	1	2	3.9
B74553 (494161)	29	<10	<5	366	<10	<10	<5	0.55	<5	<50	205	<1	21	102
B74554 (494162)	25	<10	<5	245	<10	<10	<5	0.49	<5	<50	173	<1	18	91.1
B74555 (494163)	24	<10	<5	234	<10	<10	<5	0.45	<5	<50	161	<1	17	97.7
B74556 (494164)	20	<10	<5	321	<10	<10	<5	0.43	<5	<50	145	<1	16	90.6
B74557 (494165)	22	<10	<5	282	<10	<10	<5	0.47	<5	<50	161	<1	16	90.6
B74558 (494166)	23	<10	<5	281	<10	<10	<5	0.47	<5	<50	162	<1	16	90.7
B74559 (494167)	22	<10	<5	258	<10	<10	<5	0.43	<5	<50	156	<1	16	98.1
B74560 (494168)	9	<10	<5	230	<10	<10	<5	0.28	<5	<50	68.5	<1	9	59.1
B74561 (494169)	6	<10	<5	218	<10	<10	<5	0.22	<5	<50	40.0	<1	7	55.4
B74562 (494170)	6	<10	<5	212	<10	<10	<5	0.25	<5	<50	45.8	<1	8	58.9
B74563 (494171)	12	<10	<5	222	<10	<10	<5	0.29	<5	<50	86.3	<1	9	59.7
B74564 (494172)	22	<10	<5	277	<10	<10	<5	0.41	<5	<50	149	<1	16	97.4
B74565 (494173)	28	<10	<5	317	<10	<10	<5	0.57	<5	<50	189	<1	20	138
B74566 (494174)	48	<10	<5	114	<10	<10	<5	0.67	<5	<50	323	<1	23	79.6
B74567 (494175)	31	<10	<5	295	<10	<10	<5	0.62	<5	<50	210	<1	21	109
B74568 (494176)	26	<10	<5	218	<10	<10	<5	0.54	<5	<50	193	<1	12	300
B74569 (494177)	6	<10	<5	63	<10	<10	9	0.12	<5	<50	51.8	<1	10	21.1
B74570 (494178)	4	<10	<5	49	<10	<10	11	0.11	<5	<50	47.8	<1	9	34.5

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T513179

PROJECT: AGAT00766

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 02, 2019

DATE RECEIVED: Sep 03, 2019

DATE REPORTED: Sep 23, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
B74571 (494179)	8	<10	<5	84	<10	<10	<5	0.15	<5	<50	49.7	<1	16	184
B74572 (494180)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.5	2	2	4.3
B74573 (494181)	21	<10	<5	235	<10	<10	<5	0.67	<5	<50	221	<1	11	190
B74574 (494182)	68	<10	<5	638	<10	<10	<5	0.94	<5	<50	387	<1	29	111
B74575 (494183)	7	<10	<5	81	<10	<10	6	0.06	<5	<50	37.9	<1	22	45.3
B74576 (494184)	6	<10	<5	156	<10	<10	<5	0.21	<5	<50	37.9	<1	7	147
B74577 (494185)	6	<10	<5	165	<10	<10	<5	0.16	<5	<50	28.2	<1	7	102
B74578 (494186)	7	<10	<5	173	<10	<10	<5	0.16	<5	<50	28.9	<1	7	105
B74579 (494187)	5	<10	<5	235	<10	<10	<5	0.20	<5	<50	32.4	<1	7	91.3
B74580 (494188)	13	<10	<5	139	<10	<10	<5	0.35	<5	<50	95.6	<1	19	154
B74581 (494189)	6	<10	<5	189	<10	<10	<5	0.20	<5	<50	36.3	<1	8	73.9
B74582 (494190)	17	<10	<5	212	<10	<10	<5	0.31	<5	<50	82.0	<1	10	74.0
B74583 (494191)	11	<10	<5	252	<10	<10	<5	0.30	<5	<50	62.0	<1	11	61.7
B74584 (494192)	24	<10	<5	798	<10	<10	<5	2.46	<5	<50	326	<1	25	102
B74585 (494193)	23	<10	<5	819	<10	<10	<5	2.22	<5	<50	322	<1	26	94.7
B74586 (494194)	36	<10	<5	246	<10	<10	<5	0.85	<5	<50	254	<1	23	95.8
B74587 (494195)	13	<10	<5	273	<10	<10	<5	0.22	<5	<50	64.5	<1	8	437
B74588 (494196)	6	<10	<5	267	<10	<10	<5	0.17	<5	<50	38.7	<1	5	149
B74589 (494197)	4	<10	<5	264	<10	<10	<5	0.17	<5	<50	33.4	<1	4	50.4
B74590 (494198)	5	<10	<5	271	<10	<10	<5	0.18	<5	<50	36.5	<1	4	50.3
B74591 (494199)	4	<10	<5	242	<10	<10	<5	0.17	<5	<50	34.8	<1	4	44.5
B74592 (494200)	<1	<10	<5	66	<10	<10	<5	<0.01	<5	<50	1.4	3	2	4.0
B74593 (494201)	4	<10	<5	229	<10	<10	<5	0.17	<5	<50	33.5	<1	5	51.8
B74594 (494202)	4	<10	<5	227	<10	<10	<5	0.17	<5	<50	33.1	<1	4	61.9
B74595 (494203)	4	<10	<5	255	<10	<10	<5	0.17	<5	<50	32.6	<1	4	55.1
B74596 (494204)	5	<10	<5	215	<10	<10	<5	0.18	<5	<50	37.2	<1	5	53.4
B74597 (494205)	5	<10	<5	203	<10	<10	<5	0.17	<5	<50	31.2	<1	5	56.2
B74598 (494206)	5	<10	<5	210	<10	<10	<5	0.17	<5	<50	31.2	<1	5	58.2
B74599 (494207)	4	<10	<5	199	<10	<10	<5	0.16	<5	<50	32.3	<1	5	46.6
B74600 (494208)	4	<10	<5	218	<10	<10	<5	0.18	<5	<50	33.9	<1	4	52.6
B74601 (494209)	4	<10	<5	203	<10	<10	<5	0.16	<5	<50	30.0	<1	4	51.4
B74602 (494210)	4	<10	<5	212	<10	<10	<5	0.18	<5	<50	32.4	<1	4	44.0

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T513179

PROJECT: AGAT00766

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 02, 2019		DATE RECEIVED: Sep 03, 2019					DATE REPORTED: Sep 23, 2019					SAMPLE TYPE: Drill Core			
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Sample ID (AGAT ID)															
B74603 (494211)	5	<10	<5	181	<10	<10	<5	0.16	<5	<50	35.2	<1	5	46.8	
B74604 (494212)	4	<10	<5	189	<10	<10	<5	0.18	<5	<50	31.4	<1	4	52.7	
B74605 (494213)	4	<10	<5	172	<10	<10	<5	0.16	<5	<50	30.7	<1	4	73.6	
B74606 (494214)	36	<10	<5	246	<10	<10	<5	0.85	<5	<50	255	<1	23	93.5	
B74607 (494215)	5	<10	<5	186	<10	<10	<5	0.18	<5	<50	33.6	<1	4	50.1	
B74608 (494216)	5	<10	<5	197	<10	<10	<5	0.18	<5	<50	32.2	<1	4	48.6	
B74609 (494217)	5	<10	<5	196	<10	<10	<5	0.16	<5	<50	33.7	<1	7	43.3	
B74610 (494218)	4	<10	<5	185	<10	<10	<5	0.15	<5	<50	24.8	<1	7	46.2	

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# Certificate of Analysis

AGAT WORK ORDER: 19T513179

PROJECT: AGAT00766

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 02, 2019      DATE RECEIVED: Sep 03, 2019      DATE REPORTED: Sep 23, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
B74539 (494147)				124
B74540 (494148)				131
B74541 (494149)				122
B74542 (494150)				122
B74543 (494151)				42
B74544 (494152)				50
B74545 (494153)				56
B74546 (494154)				55
B74547 (494155)				134
B74548 (494156)				127
B74549 (494157)				112
B74550 (494158)				110
B74551 (494159)				118
B74552 (494160)				<5
B74553 (494161)				135
B74554 (494162)				122
B74555 (494163)				129
B74556 (494164)				118
B74557 (494165)				117
B74558 (494166)				116
B74559 (494167)				112
B74560 (494168)				90
B74561 (494169)				73
B74562 (494170)				73
B74563 (494171)				93
B74564 (494172)				135
B74565 (494173)				130
B74566 (494174)				58
B74567 (494175)				117
B74568 (494176)				116
B74569 (494177)				127
B74570 (494178)				140

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T513179

PROJECT: AGAT00766

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 02, 2019


DATE RECEIVED: Sep 03, 2019

DATE REPORTED: Sep 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
B74571 (494179)				137
B74572 (494180)				<5
B74573 (494181)				74
B74574 (494182)				183
B74575 (494183)				338
B74576 (494184)				96
B74577 (494185)				96
B74578 (494186)				100
B74579 (494187)				91
B74580 (494188)				241
B74581 (494189)				95
B74582 (494190)				67
B74583 (494191)				159
B74584 (494192)				256
B74585 (494193)				225
B74586 (494194)				96
B74587 (494195)				131
B74588 (494196)				46
B74589 (494197)				39
B74590 (494198)				30
B74591 (494199)				33
B74592 (494200)				<5
B74593 (494201)				36
B74594 (494202)				41
B74595 (494203)				60
B74596 (494204)				64
B74597 (494205)				61
B74598 (494206)				58
B74599 (494207)				58
B74600 (494208)				50
B74601 (494209)				45
B74602 (494210)				45

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T513179

PROJECT: AGAT00766

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 02, 2019

DATE RECEIVED: Sep 03, 2019

DATE REPORTED: Sep 23, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
B74603 (494211)	37
B74604 (494212)	41
B74605 (494213)	32
B74606 (494214)	90
B74607 (494215)	44
B74608 (494216)	47
B74609 (494217)	87
B74610 (494218)	101

Comments: RDL - Reported Detection Limit

494147-494218 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

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## Certificate of Analysis

AGAT WORK ORDER: 19T513179

PROJECT: AGAT00766

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 02, 2019      DATE RECEIVED: Sep 03, 2019      DATE REPORTED: Sep 23, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
B74539 (494147)			0.004
B74540 (494148)			0.005
B74541 (494149)			0.007
B74542 (494150)			0.003
B74543 (494151)			0.003
B74544 (494152)			0.003
B74545 (494153)			0.003
B74546 (494154)			0.533
B74547 (494155)			0.211
B74548 (494156)			0.003
B74549 (494157)			0.002
B74550 (494158)			0.003
B74551 (494159)			0.004
B74552 (494160)			<0.001
B74553 (494161)			0.004
B74554 (494162)			0.006
B74555 (494163)			0.007
B74556 (494164)			0.013
B74557 (494165)			0.004
B74558 (494166)			0.003
B74559 (494167)			0.004
B74560 (494168)			0.003
B74561 (494169)			0.002
B74562 (494170)			0.001
B74563 (494171)			0.002
B74564 (494172)			0.003
B74565 (494173)			0.081
B74566 (494174)			0.505
B74567 (494175)			0.003
B74568 (494176)			0.003
B74569 (494177)			0.004
B74570 (494178)			0.004

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T513179

PROJECT: AGAT00766

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 02, 2019      DATE RECEIVED: Sep 03, 2019      DATE REPORTED: Sep 23, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
B74571 (494179)			0.005
B74572 (494180)			<0.001
B74573 (494181)			0.003
B74574 (494182)			0.002
B74575 (494183)			0.005
B74576 (494184)			0.003
B74577 (494185)			0.003
B74578 (494186)			0.004
B74579 (494187)			0.002
B74580 (494188)			0.007
B74581 (494189)			0.002
B74582 (494190)			<0.001
B74583 (494191)			0.002
B74584 (494192)			0.001
B74585 (494193)			0.002
B74586 (494194)			0.335
B74587 (494195)			0.005
B74588 (494196)			0.001
B74589 (494197)			0.005
B74590 (494198)			0.005
B74591 (494199)			0.002
B74592 (494200)			0.001
B74593 (494201)			0.007
B74594 (494202)			0.016
B74595 (494203)			0.012
B74596 (494204)			0.002
B74597 (494205)			0.004
B74598 (494206)			0.005
B74599 (494207)			0.007
B74600 (494208)			0.003
B74601 (494209)			0.004
B74602 (494210)			0.002

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## Certificate of Analysis

AGAT WORK ORDER: 19T513179

PROJECT: AGAT00766

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 02, 2019

DATE RECEIVED: Sep 03, 2019

DATE REPORTED: Sep 23, 2019

SAMPLE TYPE: Drill Core

Analyte:	Au
Unit:	ppm
RDL:	0.001
Sample ID (AGAT ID)	
B74603 (494211)	0.003
B74604 (494212)	0.002
B74605 (494213)	0.003
B74606 (494214)	0.339
B74607 (494215)	0.001
B74608 (494216)	0.002
B74609 (494217)	0.003
B74610 (494218)	0.003

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T513179

PROJECT: AGAT00766

 5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill


## Sieving - % Passing (Crushing)

DATE SAMPLED: Sep 02, 2019	DATE RECEIVED: Sep 03, 2019	DATE REPORTED: Sep 23, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

	Analyte:	Pass %
	Unit:	%
Sample ID (AGAT ID)	RDL:	0.01
B74539 (494147)		82.91
B74558 (494166)		85.56
B74578 (494186)		87.39
B74598 (494206)		87.10
B74599 (494207)		84.33

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T513179

PROJECT: AGAT00766

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Sep 02, 2019

DATE RECEIVED: Sep 03, 2019

DATE REPORTED: Sep 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
B74539 (494147)		86.07
B74583 (494191)		88.62

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	494147	< 0.5	< 0.5	0.0%	494161	< 0.5	< 0.5	0.0%	494172	< 0.5	< 0.5	0.0%	494186	< 0.5	< 0.5	0.0%
Al	494147	7.66	7.92	3.3%	494161	8.98	9.14	1.8%	494172	8.14	8.13	0.1%	494186	7.81	7.45	4.7%
As	494147	< 1	< 1	0.0%	494161	42	35	18.2%	494172	< 1	< 1	0.0%	494186	< 1	< 1	0.0%
Ba	494147	358	365	1.9%	494161	481	491	2.1%	494172	433	441	1.8%	494186	229	216	5.8%
Be	494147	1.5	1.5	0.0%	494161	1.42	1.48	4.1%	494172	0.8	0.8	0.0%	494186	0.9	0.9	0.0%
Bi	494147	< 1	< 1	0.0%	494161	< 1	< 1	0.0%	494172	< 1	< 1	0.0%	494186	< 1	< 1	0.0%
Ca	494147	2.25	2.24	0.4%	494161	2.64	2.68	1.5%	494172	1.88	1.89	0.5%	494186	1.56	1.48	5.3%
Cd	494147	< 0.5	< 0.5	0.0%	494161	< 0.5	< 0.5	0.0%	494172	< 0.5	< 0.5	0.0%	494186	< 0.5	< 0.5	0.0%
Ce	494147	53	55	3.7%	494161	38	39	2.6%	494172	71	67	5.8%	494186	46	45	2.2%
Co	494147	7.9	7.8	1.3%	494161	31.9	31.5	1.3%	494172	26.5	25.7	3.1%	494186	7.2	6.9	4.3%
Cr	494147	75.1	78.7	4.7%	494161	174	169	2.9%	494172	182	166	9.2%	494186	83.6	81.6	2.4%
Cu	494147	< 0.5	< 0.5	0.0%	494161	48.9	47.7	2.5%	494172	32.9	32.4	1.5%	494186	11.4	11.3	0.9%
Fe	494147	2.02	2.08	2.9%	494161	5.95	6.06	1.8%	494172	4.42	4.43	0.2%	494186	1.98	1.89	4.7%
Ga	494147	22	22	0.0%	494161	26	26	0.0%	494172	25	23	8.3%	494186	23	23	0.0%
In	494147	< 1	< 1	0.0%	494161	< 1	< 1	0.0%	494172	< 1	< 1	0.0%	494186	< 1	< 1	0.0%
K	494147	1.65	1.73	4.7%	494161	1.98	2.01	1.5%	494172	1.86	1.89	1.6%	494186	1.50	1.43	4.8%
La	494147	25	25	0.0%	494161	19	20	5.1%	494172	35	34	2.9%	494186	24	24	0.0%
Li	494147	19	20	5.1%	494161	21	21	0.0%	494172	41	42	2.4%	494186	17	16	6.1%
Mg	494147	1.03	1.06	2.9%	494161	1.63	1.65	1.2%	494172	1.63	1.62	0.6%	494186	0.906	0.867	4.4%
Mn	494147	339	350	3.2%	494161	1100	1120	1.8%	494172	651	646	0.8%	494186	330	314	5.0%
Mo	494147	10.6	14.1	28.3%	494161	11.5	11.0	4.4%	494172	16.8	14.6	14.0%	494186	14.1	14.3	1.4%
Na	494147	2.33	2.36	1.3%	494161	2.71	2.77	2.2%	494172	1.92	1.94	1.0%	494186	2.92	2.78	4.9%
Ni	494147	16.1	21.7	29.6%	494161	63.2	63.3	0.2%	494172	74.9	73.5	1.9%	494186	10.7	13.0	19.4%
P	494147	594	612	3.0%	494161	523	527	0.8%	494172	754	757	0.4%	494186	371	373	0.5%
Pb	494147	< 20	< 20	0.0%	494161	< 20	< 20	0.0%	494172	< 20	< 20	0.0%	494186	< 20	< 20	0.0%
Rb	494147	< 50	< 50	0.0%	494161	< 50	< 50	0.0%	494172	< 50	< 50	0.0%	494186	< 50	< 50	0.0%
S	494147	< 0.01	< 0.01	0.0%	494161	0.18	0.18	0.0%	494172	0.17	0.17	0.0%	494186	0.22	0.21	4.7%
Sb	494147	< 1	< 1	0.0%	494161	< 1	< 1	0.0%	494172	< 1	< 1	0.0%	494186	< 1	< 1	0.0%
Sc	494147	6	6	0.0%	494161	29	29	0.0%	494172	22	21	4.7%	494186	7	7	0.0%
Se	494147	< 10	< 10	0.0%	494161	< 10	< 10	0.0%	494172	< 10	< 10	0.0%	494186	< 10	< 10	0.0%
Sn	494147	< 5	< 5	0.0%	494161	< 5	< 5	0.0%	494172	< 5	< 5	0.0%	494186	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	494147	353	360	2.0%	494161	366	371	1.4%	494172	277	275	0.7%	494186	173	164	5.3%
Ta	494147	< 10	< 10	0.0%	494161	< 10	< 10	0.0%	494172	< 10	< 10	0.0%	494186	< 10	< 10	0.0%
Te	494147	< 10	< 10	0.0%	494161	< 10	< 10	0.0%	494172	< 10	< 10	0.0%	494186	< 10	< 10	0.0%
Th	494147	< 5	< 5	0.0%	494161	< 5	< 5	0.0%	494172	< 5	< 5	0.0%	494186	< 5	< 5	0.0%
Ti	494147	0.18	0.18	0.0%	494161	0.55	0.55	0.0%	494172	0.408	0.416	1.9%	494186	0.16	0.16	0.0%
Tl	494147	< 5	< 5	0.0%	494161	< 5	< 5	0.0%	494172	< 5	< 5	0.0%	494186	< 5	< 5	0.0%
U	494147	< 50	< 50	0.0%	494161	< 50	< 50	0.0%	494172	< 50	< 50	0.0%	494186	< 50	< 50	0.0%
V	494147	41.4	41.1	0.7%	494161	205	199	3.0%	494172	149	146	2.0%	494186	28.9	28.6	1.0%
W	494147	< 1	< 1	0.0%	494161	< 1	< 1	0.0%	494172	< 1	< 1	0.0%	494186	< 1	< 1	0.0%
Y	494147	7	7	0.0%	494161	21	21	0.0%	494172	16	16	0.0%	494186	7	7	0.0%
Zn	494147	53.0	54.0	1.9%	494161	102	99.2	2.8%	494172	97.4	91.9	5.8%	494186	105	102	2.9%
Zr	494147	124	127	2.4%	494161	135	125	7.7%	494172	135	133	1.5%	494186	100	98	2.0%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	494197	< 0.5	< 0.5	0.0%	494211	< 0.5	< 0.5	0.0%								
Al	494197	8.29	8.57	3.3%	494211	7.99	8.13	1.7%								
As	494197	< 1	< 1	0.0%	494211	< 1	2									
Ba	494197	359	368	2.5%	494211	400	411	2.7%								
Be	494197	0.9	0.9	0.0%	494211	1.2	1.2	0.0%								
Bi	494197	< 1	< 1	0.0%	494211	< 1	< 1	0.0%								
Ca	494197	1.95	1.98	1.5%	494211	2.19	2.26	3.1%								
Cd	494197	< 0.5	< 0.5	0.0%	494211	< 0.5	< 0.5	0.0%								
Ce	494197	27	29	7.1%	494211	32	37	14.5%								
Co	494197	7.27	6.73	7.7%	494211	8.4	8.0	4.9%								
Cr	494197	69.3	69.3	0.0%	494211	79.3	71.3	10.6%								
Cu	494197	1.67	1.54	8.1%	494211	6.2	6.2	0.0%								
Fe	494197	1.97	2.03	3.0%	494211	2.15	2.22	3.2%								
Ga	494197	23	22	4.4%	494211	23	23	0.0%								
In	494197	< 1	< 1	0.0%	494211	< 1	< 1	0.0%								
K	494197	1.38	1.42	2.9%	494211	1.78	1.82	2.2%								
La	494197	15	16	6.5%	494211	18	20	10.5%								
Li	494197	30	31	3.3%	494211	28	29	3.5%								
Mg	494197	0.74	0.77	4.0%	494211	1.07	1.11	3.7%								
Mn	494197	264	271	2.6%	494211	331	340	2.7%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	494197	15.0	12.0	22.2%	494211	14.4	13.5	6.5%								
Na	494197	3.65	3.77	3.2%	494211	3.07	3.17	3.2%								
Ni	494197	6.97	6.79	2.6%	494211	8.3	9.3	11.4%								
P	494197	457	442	3.3%	494211	499	473	5.3%								
Pb	494197	< 20	< 20	0.0%	494211	< 20	< 20	0.0%								
Rb	494197	< 50	< 50	0.0%	494211	< 50	< 50	0.0%								
S	494197	0.03	0.03	0.0%	494211	0.07	0.07	0.0%								
Sb	494197	< 1	< 1	0.0%	494211	< 1	< 1	0.0%								
Sc	494197	4	4	0.0%	494211	5	5	0.0%								
Se	494197	< 10	< 10	0.0%	494211	< 10	< 10	0.0%								
Sn	494197	< 5	< 5	0.0%	494211	< 5	< 5	0.0%								
Sr	494197	264	273	3.4%	494211	181	185	2.2%								
Ta	494197	< 10	< 10	0.0%	494211	< 10	< 10	0.0%								
Te	494197	< 10	< 10	0.0%	494211	< 10	< 10	0.0%								
Th	494197	< 5	< 5	0.0%	494211	< 5	< 5	0.0%								
Ti	494197	0.175	0.181	3.4%	494211	0.16	0.16	0.0%								
Tl	494197	< 5	< 5	0.0%	494211	< 5	< 5	0.0%								
U	494197	< 50	< 50	0.0%	494211	< 50	< 50	0.0%								
V	494197	33.4	32.0	4.3%	494211	35.2	34.9	0.9%								
W	494197	< 1	< 1	0.0%	494211	< 1	< 1	0.0%								
Y	494197	4	4	0.0%	494211	5	5	0.0%								
Zn	494197	50.4	52.2	3.5%	494211	46.8	48.8	4.2%								
Zr	494197	39	34	13.7%	494211	37	39	5.3%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	494147	0.004	0.004	0.0%	494161	0.0036	0.0033	8.7%	494172	0.0026	0.0025	3.9%	494186	0.004	0.003	28.6%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	494197	0.005	0.006	18.2%	494211	0.003	0.002									





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GSP5G)				CRM #2 (ref.1P5R)				CRM #3 (ref.GS5W)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	3.3	109%	90% - 110%
Al	10.95	10.81	99%	90% - 110%	8.17	8.52	104%	90% - 110%	6.96	7.06	101%	90% - 110%	4.75	4.78	101%	90% - 110%
As					26	25	96%	90% - 110%	124	132	107%	90% - 110%				
Ba	340	329	97%	90% - 110%	540	523	97%	90% - 110%	186	172	92%	90% - 110%	216	203	94%	90% - 110%
Be	2.6	2.5	96%	90% - 110%	4.0	3	75%	90% - 110%								
Ca	5.72	5.55	97%	90% - 110%	0.907	0.889	98%	90% - 110%	4.01	3.89	97%	90% - 110%	10	10	95%	90% - 110%
Ce	122	122	100%	90% - 110%	98	99	101%	90% - 110%	24	23	95%	90% - 110%				
Co	2.8	2.8	101%	90% - 110%					22.1	22.7	103%	90% - 110%	191	187	98%	90% - 110%
Cr					60.3	60.1	100%	90% - 110%					670	614	91%	90% - 110%
Cu					150	150	100%	90% - 110%	88.6	80.6	91%	90% - 110%	7120	6985	98%	90% - 110%
Fe	4.34	3.94	91%	90% - 110%	3.77	3.68	98%	90% - 110%	7.56	7.32	97%	90% - 110%	12.71	12	94%	90% - 110%
Ga	35	36	102%	90% - 110%												
K	1.37	1.4	102%	90% - 110%					2.021	2.122	105%	90% - 110%	0.1021	0.1114	109%	90% - 110%
La	58	55	95%	90% - 110%	44	47	106%	90% - 110%					8.47	9.17	108%	90% - 110%
Li	37	37	101%	90% - 110%	47	47	100%	90% - 110%								
Mg	0.325	0.297	91%	90% - 110%	1.10	1.11	101%	90% - 110%	2.412	2.453	102%	90% - 110%	7.41	7.14	96%	90% - 110%
Mn					780	778	100%	90% - 110%	1510	1471	97%	90% - 110%				
Mo					14	13	96%	90% - 110%								
Na	5.267	5.517	105%	90% - 110%	1.624	1.777	109%	90% - 110%	0.617	0.636	103%	90% - 110%	0.112	0.118	106%	90% - 110%
Ni					32	34	107%	90% - 110%	77.1	82.3	107%	90% - 110%	2480	2266	91%	90% - 110%
P					750	769	103%	90% - 110%	892	970	109%	90% - 110%	731	788	108%	90% - 110%
Pb					31	29	93%	90% - 110%								
S									0.348	0.342	98%	90% - 110%				
Sc	1.1	0.9	80%	90% - 110%	12	13	107%	90% - 110%					21.33	22.21	104%	90% - 110%
Sr	1191	1158	97%	90% - 110%	144	155	107%	90% - 110%	92.8	88.5	95%	90% - 110%	39	37	95%	90% - 110%
Ti	0.172	0.163	95%	90% - 110%	0.53	0.48	91%	90% - 110%					0.419	0.404	96%	90% - 110%
V	8	7	85%	90% - 110%	77	84	109%	90% - 110%					158	165	105%	90% - 110%
Y	119	120	101%	90% - 110%									12.67	13.17	104%	90% - 110%
Zn	93	91	97%	90% - 110%	130	125	96%	90% - 110%	208	214	103%	90% - 110%	112	110	98%	90% - 110%
Zr													35.7	37.3	104%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GSP5G)				CRM #2 (ref.1P5R)				CRM #3 (ref.GS5W)				CRM #4 (ref.GS6F)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.562	0.53	94%	90% - 110%	1.81	1.75	96%	90% - 110%	5.27	5.38	102%	90% - 110%	6.87	6.82	99%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19T513179

PROJECT: AGAT00766

ATTENTION TO: Craig Yuill

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00767

AGAT WORK ORDER: 19T513180

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Sep 20, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

# Certificate of Analysis

AGAT WORK ORDER: 19T513180

PROJECT: AGAT00767

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Sep 02, 2019

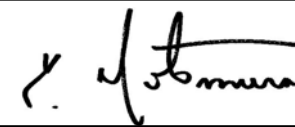
DATE RECEIVED: Sep 03, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C67344 (494219)		2.43
C67345 (494220)		0.92
C67346 (494221)		0.07
C67347 (494222)		0.69
C67348 (494223)		2.36
C67349 (494224)		2.36
C67350 (494225)		2.41
C67351 (494226)		3.46
C67352 (494227)		0.56
C67353 (494228)		2.57
C67354 (494229)		0.93
C67355 (494230)		1.36
C67356 (494231)		0.74
C67357 (494232)		0.94
C67358 (494233)		0.94
C67359 (494234)		1.19
C67360 (494235)		0.98
C67361 (494236)		2.04
C67362 (494237)		2.26
C67363 (494238)		2.34
C67364 (494239)		2.45
C67365 (494240)		2.25
C67366 (494241)		0.07
C67367 (494242)		1.01
C67368 (494243)		0.71
C67369 (494244)		2.93
C67370 (494245)		2.38
C67371 (494246)		0.98
C67372 (494247)		0.61
C67373 (494248)		1.52
C67374 (494249)		2.60

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T513180

PROJECT: AGAT00767

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Sep 02, 2019

DATE RECEIVED: Sep 03, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C67375 (494250)		2.42
C67376 (494251)		2.29
C67377 (494252)		2.00
C67378 (494253)		2.00
C67379 (494254)		1.86
C67380 (494255)		0.90
C67381 (494256)		1.98
C67382 (494257)		2.71
C67383 (494258)		2.57
C67384 (494259)		1.86
C67385 (494260)		2.29
C67386 (494261)		0.07
C67387 (494262)		2.49
C67388 (494263)		2.18
C67389 (494264)		2.39
C67390 (494265)		3.47
C67391 (494266)		1.14
C67392 (494267)		0.59
C67393 (494268)		1.62
C67394 (494269)		0.75
C67395 (494270)		2.80
C67396 (494271)		1.20
C67397 (494272)		1.96
C67398 (494273)		1.96
C67399 (494274)		0.71
C67400 (494275)		1.26
C67401 (494276)		2.86
C67402 (494277)		1.06
C67403 (494278)		1.93
C67404 (494279)		1.02
C67405 (494280)		1.28

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T513180

PROJECT: AGAT00767

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Sep 02, 2019

DATE RECEIVED: Sep 03, 2019

DATE REPORTED: Sep 20, 2019

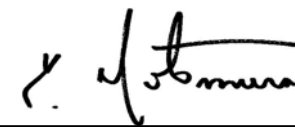
SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
C67406 (494281)		0.07
C67407 (494282)		2.28
C67408 (494283)		0.74
C67409 (494284)		1.56
C67410 (494285)		2.38
C67411 (494286)		2.37
C67412 (494287)		0.64
C67413 (494288)		2.24
C67414 (494289)		2.33
C67415 (494290)		2.23

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T513180

PROJECT: AGAT00767

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 02, 2019

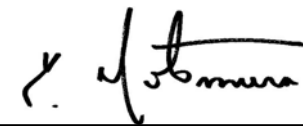
DATE RECEIVED: Sep 03, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
C67344 (494219)		<0.5	7.89	<1	677	1.0	<1	1.77	<0.5	28	11.4	22.6	10.6	3.16	20
C67345 (494220)		<0.5	8.66	<1	683	1.2	<1	2.83	<0.5	26	13.3	25.1	14.0	3.13	22
C67346 (494221)		<0.5	7.61	<1	196	<0.5	<1	6.64	<0.5	16	39.4	163	99.4	8.06	22
C67347 (494222)		<0.5	8.25	<1	673	1.7	<1	2.70	<0.5	24	11.2	22.8	19.1	3.38	20
C67348 (494223)		<0.5	7.69	<1	500	1.3	<1	1.92	<0.5	35	7.8	17.0	2.1	2.53	21
C67349 (494224)		<0.5	7.93	<1	667	1.1	<1	2.56	<0.5	27	6.2	15.5	2.5	2.16	21
C67350 (494225)		<0.5	7.80	2	265	1.2	<1	2.06	<0.5	34	7.8	20.2	20.9	2.35	23
C67351 (494226)		<0.5	8.12	<1	327	1.2	<1	2.31	<0.5	33	6.3	15.2	1.9	2.36	22
C67352 (494227)		<0.5	0.08	1	13	<0.5	<1	32.3	<0.5	2	0.8	2.7	<0.5	0.12	7
C67353 (494228)		<0.5	7.89	<1	1210	0.8	<1	2.77	<0.5	36	6.9	13.5	<0.5	2.35	20
C67354 (494229)		<0.5	7.66	4	337	1.6	<1	3.15	<0.5	25	6.5	23.2	6.9	2.16	21
C67355 (494230)		<0.5	8.02	<1	416	1.8	<1	2.73	<0.5	28	5.5	14.2	2.8	2.03	21
C67356 (494231)		<0.5	4.05	<1	487	11.7	<1	6.57	<0.5	97	37.9	299	44.8	5.35	17
C67357 (494232)		<0.5	8.02	2	377	1.6	<1	2.56	<0.5	28	4.6	12.9	2.1	2.01	21
C67358 (494233)		<0.5	7.87	<1	379	1.5	<1	2.57	<0.5	31	4.9	13.2	1.9	1.99	21
C67359 (494234)		<0.5	7.57	<1	304	0.9	<1	2.58	<0.5	27	6.0	17.5	<0.5	2.23	20
C67360 (494235)		<0.5	7.41	<1	349	0.7	<1	2.14	<0.5	35	6.4	15.2	<0.5	2.26	20
C67361 (494236)		<0.5	7.68	<1	327	0.7	<1	3.09	<0.5	32	6.1	16.4	<0.5	2.12	21
C67362 (494237)		<0.5	7.96	<1	337	0.7	<1	2.72	<0.5	29	5.8	12.6	8.6	2.26	21
C67363 (494238)		<0.5	7.74	<1	348	0.8	<1	2.68	<0.5	40	7.5	14.5	<0.5	2.65	21
C67364 (494239)		<0.5	8.03	<1	341	0.8	<1	2.55	<0.5	28	5.5	12.6	<0.5	2.17	20
C67365 (494240)		<0.5	7.83	<1	401	0.7	<1	2.84	<0.5	32	6.3	10.5	9.5	2.35	20
C67366 (494241)		<0.5	7.17	<1	142	<0.5	<1	6.68	<0.5	5	43.4	124	147	7.87	20
C67367 (494242)		<0.5	8.01	<1	453	0.8	<1	2.98	<0.5	53	5.9	13.1	11.9	2.24	20
C67368 (494243)		<0.5	7.56	<1	428	0.9	<1	2.69	<0.5	50	6.6	11.7	40.4	2.40	19
C67369 (494244)		<0.5	8.46	<1	362	1.0	<1	3.06	<0.5	29	11.3	21.1	25.0	2.85	20
C67370 (494245)		<0.5	8.33	<1	525	1.1	<1	3.31	<0.5	33	8.3	20.6	4.2	2.51	20
C67371 (494246)		<0.5	7.23	1	634	1.5	<1	3.15	<0.5	43	7.4	20.5	<0.5	2.41	20
C67372 (494247)		<0.5	0.12	<1	18	<0.5	<1	32.1	<0.5	1	0.7	3.1	<0.5	0.10	6
C67373 (494248)		<0.5	7.76	<1	334	1.3	<1	3.78	<0.5	27	4.2	18.7	<0.5	1.92	20
C67374 (494249)		<0.5	8.04	<1	379	0.9	<1	3.21	<0.5	27	6.2	12.3	13.5	2.24	22
C67375 (494250)		<0.5	7.98	<1	415	1.2	<1	3.16	<0.5	29	7.9	21.4	<0.5	2.33	22

Certified By:





# Certificate of Analysis

AGAT WORK ORDER: 19T513180

PROJECT: AGAT00767

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 02, 2019

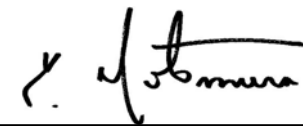
DATE RECEIVED: Sep 03, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
C67376 (494251)		<0.5	7.85	<1	390	1.3	<1	2.71	<0.5	37	7.2	27.9	3.1	2.31	21
C67377 (494252)		<0.5	7.72	<1	442	1.2	<1	2.13	<0.5	63	7.3	14.2	6.8	2.45	21
C67378 (494253)		<0.5	7.55	<1	440	1.2	<1	2.11	<0.5	66	7.1	12.4	6.8	2.40	21
C67379 (494254)		<0.5	7.59	2	628	1.2	<1	1.73	<0.5	40	5.5	17.6	27.5	2.16	23
C67380 (494255)		<0.5	3.11	33	255	3.1	<1	8.46	<0.5	84	41.9	210	62.6	5.70	14
C67381 (494256)		<0.5	7.94	<1	510	1.4	<1	1.98	<0.5	42	4.7	11.7	<0.5	2.02	22
C67382 (494257)		<0.5	7.96	2	447	1.0	<1	1.74	<0.5	38	5.2	11.6	<0.5	2.11	22
C67383 (494258)		<0.5	7.80	<1	435	0.9	<1	1.88	<0.5	40	5.7	12.6	<0.5	2.21	22
C67384 (494259)		<0.5	8.11	<1	447	0.8	<1	2.21	<0.5	37	7.0	15.4	<0.5	2.48	23
C67385 (494260)		<0.5	8.02	<1	321	0.8	<1	2.58	<0.5	31	8.7	22.9	49.8	2.72	21
C67386 (494261)		<0.5	7.35	<1	192	<0.5	<1	6.30	<0.5	16	40.6	143	95.4	7.65	22
C67387 (494262)		<0.5	7.84	<1	397	0.8	<1	1.65	<0.5	38	6.5	12.1	<0.5	2.31	22
C67388 (494263)		<0.5	7.73	<1	656	1.2	<1	2.22	<0.5	42	6.5	12.5	<0.5	2.34	20
C67389 (494264)		<0.5	8.01	<1	617	1.0	<1	1.46	<0.5	50	7.3	13.2	<0.5	2.64	20
C67390 (494265)		<0.5	7.63	<1	539	1.4	<1	1.40	<0.5	38	5.8	13.9	<0.5	2.40	20
C67391 (494266)		<0.5	7.68	<1	658	1.5	<1	2.03	<0.5	44	7.4	18.4	31.8	2.37	19
C67392 (494267)		<0.5	0.12	<1	20	<0.5	<1	33.6	<0.5	2	<0.5	2.3	<0.5	0.08	6
C67393 (494268)		<0.5	7.68	1	462	0.9	<1	2.80	<0.5	35	6.7	12.8	22.5	2.44	20
C67394 (494269)		<0.5	7.41	<1	527	1.2	<1	1.42	<0.5	38	6.1	12.9	3.9	2.51	20
C67395 (494270)		<0.5	7.85	<1	669	1.2	<1	1.24	<0.5	45	7.1	13.1	10.2	2.65	21
C67396 (494271)		<0.5	7.88	<1	646	0.9	<1	1.72	<0.5	42	6.5	10.3	20.1	2.41	21
C67397 (494272)		<0.5	7.69	<1	721	1.0	<1	1.67	<0.5	45	5.7	12.3	14.1	2.22	20
C67398 (494273)		<0.5	7.68	<1	733	1.0	<1	1.66	<0.5	46	5.2	11.5	12.3	2.17	21
C67399 (494274)		<0.5	5.95	<1	550	0.8	<1	1.65	<0.5	30	5.4	21.1	6.3	2.49	18
C67400 (494275)		<0.5	6.84	<1	521	1.3	<1	1.14	<0.5	40	3.9	13.4	16.1	1.72	18
C67401 (494276)		<0.5	7.16	<1	583	1.3	<1	1.20	<0.5	46	3.9	16.5	2.6	1.89	19
C67402 (494277)		<0.5	6.18	<1	513	1.3	<1	3.59	<0.5	55	30.9	189	40.1	5.34	20
C67403 (494278)		<0.5	8.04	2	645	1.3	<1	1.55	<0.5	44	6.6	13.5	<0.5	2.66	22
C67404 (494279)		<0.5	7.56	<1	683	1.2	<1	1.21	<0.5	46	3.7	14.9	18.9	1.73	20
C67405 (494280)		<0.5	7.85	<1	734	1.3	<1	1.51	<0.5	38	5.0	19.2	0.9	2.24	20
C67406 (494281)		<0.5	7.62	<1	197	<0.5	<1	6.60	<0.5	17	40.4	160	104	8.02	22
C67407 (494282)		1.1	7.75	<1	675	1.4	<1	1.67	<0.5	42	6.3	16.2	23.1	2.47	20

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T513180

PROJECT: AGAT00767

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 02, 2019	DATE RECEIVED: Sep 03, 2019							DATE REPORTED: Sep 20, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C67408 (494283)	<0.5	7.80	<1	555	1.1	<1	1.39	<0.5	49	6.5	12.7	26.9	2.51	22	
C67409 (494284)	<0.5	3.66	<1	377	3.6	<1	6.38	<0.5	63	54.7	375	92.6	7.77	20	
C67410 (494285)	<0.5	7.67	<1	529	1.2	<1	1.47	<0.5	41	5.7	13.8	19.1	2.31	21	
C67411 (494286)	<0.5	7.41	<1	548	1.0	<1	1.73	<0.5	52	8.2	25.4	10.7	2.47	21	
C67412 (494287)	<0.5	0.11	<1	19	<0.5	<1	34.3	<0.5	2	1.2	4.3	<0.5	0.12	7	
C67413 (494288)	<0.5	7.67	6	592	1.1	<1	1.71	<0.5	43	6.6	21.6	2.6	2.25	22	
C67414 (494289)	<0.5	7.55	<1	700	1.2	<1	1.77	<0.5	38	8.3	22.5	9.6	2.45	23	
C67415 (494290)	<0.5	7.69	<1	598	1.7	<1	2.18	<0.5	31	8.0	27.9	9.4	2.29	22	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T513180

PROJECT: AGAT00767

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 02, 2019

DATE RECEIVED: Sep 03, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
C67344 (494219)		<1	2.06	15	49	1.76	552	1.3	3.07	19.8	658	<20	<50	0.04	<1
C67345 (494220)		<1	2.14	15	36	1.65	449	0.7	2.61	25.5	500	<20	<50	0.05	<1
C67346 (494221)		<1	0.46	10	10	4.29	1340	<0.5	2.30	108	870	<20	<50	0.09	<1
C67347 (494222)		<1	2.22	13	33	1.40	575	1.0	3.02	19.9	1050	<20	<50	0.05	<1
C67348 (494223)		<1	1.79	19	28	1.11	354	1.3	2.51	8.6	568	<20	<50	0.02	<1
C67349 (494224)		<1	1.54	14	20	0.90	288	1.6	2.64	5.1	383	<20	<50	0.06	<1
C67350 (494225)		<1	2.02	18	20	0.82	274	1.7	2.75	7.2	265	<20	<50	0.20	<1
C67351 (494226)		<1	1.75	17	25	0.88	287	0.9	2.76	5.9	446	<20	<50	0.04	<1
C67352 (494227)		2	0.02	<2	<1	2.39	81	<0.5	0.04	<0.5	71	<20	<50	0.02	<1
C67353 (494228)		<1	1.35	19	24	0.88	277	1.0	2.35	5.5	437	<20	<50	0.04	<1
C67354 (494229)		<1	3.29	13	23	0.78	294	1.4	2.52	8.2	258	<20	<50	0.08	<1
C67355 (494230)		<1	1.64	15	24	1.08	293	1.4	2.48	5.2	400	<20	<50	0.03	<1
C67356 (494231)		<1	3.46	50	86	5.95	937	1.3	2.53	273	575	<20	<50	0.19	<1
C67357 (494232)		<1	1.89	15	31	1.10	294	1.0	2.46	4.6	496	<20	<50	0.04	<1
C67358 (494233)		<1	1.85	16	31	1.08	288	1.1	2.47	4.3	474	<20	<50	0.04	<1
C67359 (494234)		<1	1.31	15	25	1.11	297	0.9	1.86	9.9	390	<20	<50	0.02	<1
C67360 (494235)		<1	1.30	18	30	0.99	282	0.8	1.59	6.4	503	<20	<50	<0.01	<1
C67361 (494236)		<1	1.32	16	29	1.33	376	1.8	1.54	4.3	410	<20	<50	0.01	<1
C67362 (494237)		<1	1.29	16	35	1.06	305	1.2	2.05	4.6	455	<20	<50	0.06	<1
C67363 (494238)		<1	1.44	21	41	1.17	369	1.0	1.90	6.8	591	<20	<50	<0.01	<1
C67364 (494239)		<1	1.24	15	33	0.88	276	0.9	2.23	4.7	393	<20	<50	0.03	<1
C67365 (494240)		<1	1.40	17	35	1.26	385	1.1	1.87	5.0	500	<20	<50	0.17	<1
C67366 (494241)		<1	0.20	5	12	4.13	1350	<0.5	2.18	89.6	411	<20	<50	0.15	<1
C67367 (494242)		<1	1.36	28	26	1.23	428	1.2	2.00	7.8	534	<20	<50	0.14	<1
C67368 (494243)		<1	1.16	26	20	0.94	374	1.1	2.14	6.9	567	<20	<50	0.25	<1
C67369 (494244)		<1	1.76	16	36	1.22	468	1.9	2.27	18.6	451	<20	<50	0.10	<1
C67370 (494245)		<1	1.73	18	29	1.27	472	1.0	2.06	14.2	483	<20	<50	0.04	<1
C67371 (494246)		<1	2.03	22	26	1.22	444	2.2	1.71	10.1	516	<20	<50	0.06	<1
C67372 (494247)		3	0.03	<2	1	2.27	45	<0.5	0.05	<0.5	89	<20	<50	0.02	2
C67373 (494248)		<1	1.84	15	25	1.13	458	1.1	1.63	7.2	480	<20	<50	0.02	<1
C67374 (494249)		<1	1.20	15	19	0.74	313	2.9	2.52	6.4	472	<20	<50	0.05	<1
C67375 (494250)		<1	1.58	16	46	1.02	361	0.6	2.56	20.9	590	<20	<50	0.02	<1

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T513180

PROJECT: AGAT00767

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 02, 2019

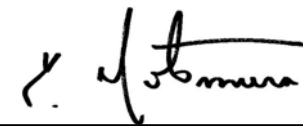
DATE RECEIVED: Sep 03, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
C67376 (494251)		<1	1.57	19	27	1.14	344	1.2	2.65	25.7	445	<20	<50	0.02	<1
C67377 (494252)		<1	1.85	33	32	0.99	384	1.7	2.67	12.0	598	<20	<50	0.04	<1
C67378 (494253)		<1	1.80	35	31	0.97	375	1.6	2.69	9.9	597	<20	<50	0.04	<1
C67379 (494254)		<1	2.10	22	15	0.82	255	1.4	3.14	9.7	831	<20	<50	0.09	<1
C67380 (494255)		<1	2.93	46	332	5.97	1090	1.9	0.94	232	2050	<20	<50	0.11	<1
C67381 (494256)		<1	1.50	23	20	0.72	233	1.0	3.31	5.4	561	<20	<50	0.01	<1
C67382 (494257)		<1	1.57	21	22	0.81	236	0.7	3.32	3.2	422	<20	<50	0.01	<1
C67383 (494258)		<1	1.51	22	23	0.86	261	0.6	3.15	7.3	444	<20	<50	0.01	<1
C67384 (494259)		<1	1.33	20	27	0.86	348	1.0	3.01	7.5	493	<20	<50	0.02	<1
C67385 (494260)		<1	1.31	18	32	1.13	475	0.9	2.83	14.4	474	23	<50	0.19	<1
C67386 (494261)		<1	0.44	11	10	4.09	1270	<0.5	2.26	107	856	<20	<50	0.09	<1
C67387 (494262)		<1	1.51	21	24	0.94	276	<0.5	3.25	6.6	472	<20	<50	0.02	<1
C67388 (494263)		<1	1.59	22	23	0.96	360	1.8	3.07	5.9	570	<20	<50	0.01	<1
C67389 (494264)		<1	1.74	26	32	1.27	349	1.2	3.43	10.0	573	<20	<50	0.01	<1
C67390 (494265)		<1	1.75	20	25	0.96	347	0.8	3.73	9.9	484	<20	<50	0.02	1
C67391 (494266)		<1	1.81	22	16	0.77	340	1.4	3.62	10.6	479	<20	<50	0.13	<1
C67392 (494267)		3	0.04	<2	<1	1.51	29	<0.5	0.05	<0.5	76	<20	<50	0.01	<1
C67393 (494268)		<1	1.44	19	20	0.91	312	1.4	3.30	5.2	523	<20	<50	0.12	<1
C67394 (494269)		<1	1.61	20	27	1.02	374	1.1	3.03	6.3	578	<20	<50	0.05	<1
C67395 (494270)		<1	1.82	23	28	1.19	396	1.5	3.32	5.2	579	<20	<50	0.10	<1
C67396 (494271)		<1	1.46	22	18	0.93	374	1.2	3.42	4.4	551	<20	<50	0.16	<1
C67397 (494272)		<1	1.86	23	21	0.86	329	1.9	3.07	13.0	406	<20	<50	0.09	<1
C67398 (494273)		<1	1.85	24	21	0.86	324	1.7	3.04	3.4	395	<20	<50	0.09	<1
C67399 (494274)		<1	1.58	16	30	1.26	413	1.5	2.06	11.4	850	<20	<50	0.09	<1
C67400 (494275)		<1	1.60	22	5	0.60	275	5.2	3.02	3.6	247	<20	<50	0.09	<1
C67401 (494276)		<1	1.78	26	13	0.78	299	2.0	3.14	3.5	289	<20	<50	0.03	<1
C67402 (494277)		<1	2.22	29	175	4.24	792	1.2	2.85	195	1070	<20	<50	0.07	<1
C67403 (494278)		<1	2.02	23	37	1.27	371	0.7	3.52	6.0	617	<20	<50	0.02	<1
C67404 (494279)		<1	2.26	22	13	0.52	229	1.0	3.45	4.0	342	<20	<50	0.08	<1
C67405 (494280)		<1	1.46	20	18	0.85	312	1.6	3.92	4.8	453	<20	<50	0.03	<1
C67406 (494281)		<1	0.45	11	10	4.25	1330	<0.5	2.32	109	851	<20	<50	0.09	<1
C67407 (494282)		<1	1.76	21	19	0.94	343	3.2	3.72	6.2	496	<20	<50	0.14	<1

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## Certificate of Analysis

AGAT WORK ORDER: 19T513180

PROJECT: AGAT00767

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 02, 2019	DATE RECEIVED: Sep 03, 2019				DATE REPORTED: Sep 20, 2019				SAMPLE TYPE: Drill Core						
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
C67408 (494283)	<1	1.51	25	17	1.00	351	0.8	3.72	4.7	555	<20	<50	0.18	<1	
C67409 (494284)	<1	2.74	34	162	6.53	1180	1.6	1.92	351	1860	<20	<50	0.17	<1	
C67410 (494285)	<1	1.40	21	19	0.91	317	1.2	3.67	8.5	550	<20	<50	0.25	<1	
C67411 (494286)	<1	1.84	26	39	1.33	335	1.4	3.42	22.5	480	<20	<50	0.16	<1	
C67412 (494287)	5	0.03	<2	1	1.92	47	<0.5	0.06	<0.5	76	<20	<50	0.02	<1	
C67413 (494288)	<1	2.06	23	27	1.13	303	1.1	3.60	15.5	646	<20	<50	0.07	<1	
C67414 (494289)	<1	1.82	20	22	1.14	313	1.8	3.59	20.8	610	<20	<50	0.11	<1	
C67415 (494290)	<1	2.45	16	80	1.21	312	1.5	3.74	30.5	332	<20	<50	0.07	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 02, 2019	DATE RECEIVED: Sep 03, 2019					DATE REPORTED: Sep 20, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
C67344 (494219)	9	<10	<5	255	<10	<10	<5	0.26	<5	<50	49.2	<1	7	61.8	
C67345 (494220)	8	<10	<5	322	<10	<10	<5	0.26	<5	<50	56.3	<1	8	59.0	
C67346 (494221)	35	<10	<5	251	<10	<10	<5	0.92	<5	<50	248	<1	23	91.6	
C67347 (494222)	10	<10	<5	248	<10	<10	<5	0.22	<5	<50	55.3	<1	8	60.1	
C67348 (494223)	6	<10	<5	188	<10	<10	<5	0.22	<5	<50	36.1	<1	7	51.0	
C67349 (494224)	4	<10	<5	211	<10	<10	<5	0.16	<5	<50	30.9	<1	5	41.1	
C67350 (494225)	6	<10	<5	150	<10	<10	<5	0.17	<5	<50	32.7	<1	6	64.8	
C67351 (494226)	6	<10	<5	175	<10	<10	<5	0.19	<5	<50	34.1	<1	6	50.0	
C67352 (494227)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	0.9	2	3	3.7	
C67353 (494228)	5	<10	<5	182	<10	<10	<5	0.23	<5	<50	32.3	<1	6	33.6	
C67354 (494229)	8	<10	<5	165	<10	<10	<5	0.14	<5	<50	40.7	<1	5	28.1	
C67355 (494230)	5	<10	<5	178	<10	<10	<5	0.17	<5	<50	31.2	<1	9	37.4	
C67356 (494231)	43	<10	<5	690	<10	<10	<5	0.66	<5	<50	230	<1	44	43.3	
C67357 (494232)	4	<10	<5	185	<10	<10	<5	0.17	<5	<50	29.7	<1	9	33.8	
C67358 (494233)	4	<10	<5	185	<10	<10	<5	0.17	<5	<50	30.0	<1	9	32.7	
C67359 (494234)	4	<10	<5	169	<10	<10	<5	0.19	<5	<50	32.2	<1	5	35.7	
C67360 (494235)	5	<10	<5	165	<10	<10	<5	0.23	<5	<50	35.6	<1	6	39.0	
C67361 (494236)	4	<10	<5	177	<10	<10	<5	0.18	<5	<50	30.3	<1	6	36.0	
C67362 (494237)	4	<10	<5	183	<10	<10	<5	0.19	<5	<50	30.7	<1	5	39.1	
C67363 (494238)	6	<10	<5	175	<10	<10	<5	0.27	<5	<50	39.7	<1	7	46.4	
C67364 (494239)	4	<10	<5	171	<10	<10	<5	0.18	<5	<50	29.2	<1	4	36.0	
C67365 (494240)	5	<10	<5	185	<10	<10	<5	0.20	<5	<50	33.5	<1	6	46.0	
C67366 (494241)	46	<10	<5	110	<10	<10	<5	0.69	<5	<50	312	<1	23	78.1	
C67367 (494242)	5	<10	<5	200	<10	<10	<5	0.21	<5	<50	37.2	<1	7	37.9	
C67368 (494243)	5	<10	<5	182	<10	<10	<5	0.21	<5	<50	35.0	<1	7	41.9	
C67369 (494244)	9	<10	<5	197	<10	<10	<5	0.24	<5	<50	51.5	<1	7	54.2	
C67370 (494245)	8	<10	<5	199	<10	<10	<5	0.22	<5	<50	44.4	<1	8	43.4	
C67371 (494246)	6	<10	<5	173	<10	<10	<5	0.18	<5	<50	37.8	<1	10	35.2	
C67372 (494247)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	1.4	2	2	7.3	
C67373 (494248)	9	<10	<5	207	<10	<10	<5	0.16	<5	<50	44.9	<1	8	31.1	
C67374 (494249)	5	<10	<5	173	<10	<10	<5	0.17	<5	<50	31.9	77	5	45.4	
C67375 (494250)	8	<10	<5	210	<10	<10	<5	0.18	<5	<50	39.0	<1	6	42.5	

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## Certificate of Analysis

AGAT WORK ORDER: 19T513180

PROJECT: AGAT00767

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 02, 2019	DATE RECEIVED: Sep 03, 2019					DATE REPORTED: Sep 20, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
C67376 (494251)	5	<10	<5	204	<10	<10	<5	0.21	<5	<50	38.7	<1	7	39.0	
C67377 (494252)	6	<10	<5	173	<10	<10	<5	0.21	<5	<50	36.0	<1	9	46.8	
C67378 (494253)	6	<10	<5	173	<10	<10	<5	0.21	<5	<50	36.0	<1	9	48.4	
C67379 (494254)	5	<10	<5	206	<10	<10	<5	0.18	<5	<50	36.3	<1	8	54.4	
C67380 (494255)	50	<10	<5	993	<10	<10	<5	0.66	<5	<50	259	<1	17	87.4	
C67381 (494256)	4	<10	<5	199	<10	<10	<5	0.18	<5	<50	30.3	<1	6	44.6	
C67382 (494257)	4	<10	<5	198	<10	<10	<5	0.19	<5	<50	29.4	<1	5	53.4	
C67383 (494258)	4	<10	<5	197	<10	<10	<5	0.20	<5	<50	32.0	<1	6	58.1	
C67384 (494259)	5	<10	<5	196	<10	<10	<5	0.22	<5	<50	37.9	<1	6	61.1	
C67385 (494260)	6	<10	<5	207	<10	<10	<5	0.21	<5	<50	40.8	<1	7	84.5	
C67386 (494261)	35	<10	<5	244	<10	<10	<5	0.88	<5	<50	243	<1	23	85.1	
C67387 (494262)	4	<10	<5	198	<10	<10	<5	0.20	<5	<50	35.1	<1	6	49.0	
C67388 (494263)	5	<10	<5	192	<10	<10	<5	0.19	<5	<50	34.8	<1	7	44.1	
C67389 (494264)	6	<10	<5	201	<10	<10	<5	0.24	<5	<50	40.0	<1	6	55.1	
C67390 (494265)	5	<10	<5	214	<10	<10	<5	0.17	<5	<50	29.6	<1	5	42.6	
C67391 (494266)	6	<10	<5	194	<10	<10	<5	0.16	<5	<50	33.3	<1	6	37.8	
C67392 (494267)	<1	<10	<5	76	<10	<10	<5	<0.01	<5	<50	1.3	1	2	2.7	
C67393 (494268)	5	<10	<5	165	<10	<10	<5	0.20	<5	<50	33.2	<1	6	52.2	
C67394 (494269)	5	<10	<5	191	<10	<10	<5	0.23	<5	<50	31.2	<1	7	55.8	
C67395 (494270)	5	<10	<5	210	<10	<10	<5	0.23	<5	<50	38.0	<1	7	59.4	
C67396 (494271)	5	<10	<5	194	<10	<10	<5	0.20	<5	<50	30.2	<1	7	51.2	
C67397 (494272)	5	<10	<5	161	<10	<10	<5	0.18	<5	<50	27.8	<1	7	45.1	
C67398 (494273)	5	<10	<5	161	<10	<10	<5	0.18	<5	<50	27.5	<1	7	46.3	
C67399 (494274)	4	<10	<5	106	<10	<10	<5	0.16	<5	<50	25.2	<1	7	51.6	
C67400 (494275)	3	<10	<5	127	<10	<10	<5	0.11	<5	<50	16.6	<1	6	41.4	
C67401 (494276)	3	<10	<5	140	<10	<10	<5	0.11	<5	<50	16.1	<1	6	40.6	
C67402 (494277)	18	<10	<5	358	<10	<10	<5	0.96	<5	<50	147	<1	14	86.9	
C67403 (494278)	6	<10	<5	198	<10	<10	<5	0.22	<5	<50	37.3	<1	8	65.3	
C67404 (494279)	4	<10	<5	176	<10	<10	<5	0.11	<5	<50	19.3	<1	8	33.9	
C67405 (494280)	5	<10	<5	222	<10	<10	<5	0.17	<5	<50	27.3	<1	6	50.4	
C67406 (494281)	35	<10	<5	253	<10	<10	<5	0.91	<5	<50	247	<1	23	93.7	
C67407 (494282)	5	<10	<5	203	<10	<10	<5	0.17	<5	<50	28.6	<1	6	57.4	

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## Certificate of Analysis

AGAT WORK ORDER: 19T513180

PROJECT: AGAT00767

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 02, 2019	DATE RECEIVED: Sep 03, 2019					DATE REPORTED: Sep 20, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
C67408 (494283)	5	<10	<5	204	<10	<10	<5	0.21	<5	<50	34.4	<1	8	64.5	
C67409 (494284)	42	<10	<5	541	<10	<10	<5	1.32	<5	<50	338	<1	21	136	
C67410 (494285)	5	<10	<5	205	<10	<10	<5	0.19	<5	<50	30.1	<1	7	53.2	
C67411 (494286)	7	<10	<5	244	<10	<10	<5	0.22	<5	<50	41.0	<1	8	59.5	
C67412 (494287)	<1	<10	<5	74	<10	<10	<5	<0.01	<5	<50	1.1	<1	3	2.8	
C67413 (494288)	6	<10	<5	268	<10	<10	<5	0.19	<5	<50	41.3	<1	6	80.1	
C67414 (494289)	6	<10	<5	237	<10	<10	<5	0.23	<5	<50	36.8	<1	6	53.7	
C67415 (494290)	6	<10	<5	224	<10	<10	<5	0.24	<5	<50	39.5	<1	6	44.7	

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ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 02, 2019      DATE RECEIVED: Sep 03, 2019      DATE REPORTED: Sep 20, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C67344 (494219)				70
C67345 (494220)				107
C67346 (494221)				92
C67347 (494222)				112
C67348 (494223)				80
C67349 (494224)				46
C67350 (494225)				42
C67351 (494226)				45
C67352 (494227)				<5
C67353 (494228)				76
C67354 (494229)				31
C67355 (494230)				78
C67356 (494231)				285
C67357 (494232)				60
C67358 (494233)				58
C67359 (494234)				45
C67360 (494235)				78
C67361 (494236)				53
C67362 (494237)				44
C67363 (494238)				84
C67364 (494239)				42
C67365 (494240)				67
C67366 (494241)				54
C67367 (494242)				78
C67368 (494243)				69
C67369 (494244)				106
C67370 (494245)				98
C67371 (494246)				79
C67372 (494247)				<5
C67373 (494248)				86
C67374 (494249)				44
C67375 (494250)				44

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PROJECT: AGAT00767

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 02, 2019

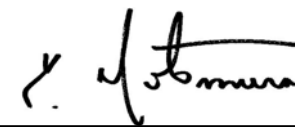
DATE RECEIVED: Sep 03, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C67376 (494251)				61
C67377 (494252)				59
C67378 (494253)				61
C67379 (494254)				60
C67380 (494255)				32
C67381 (494256)				100
C67382 (494257)				84
C67383 (494258)				94
C67384 (494259)				101
C67385 (494260)				96
C67386 (494261)				91
C67387 (494262)				59
C67388 (494263)				65
C67389 (494264)				28
C67390 (494265)				32
C67391 (494266)				52
C67392 (494267)				<5
C67393 (494268)				55
C67394 (494269)				62
C67395 (494270)				46
C67396 (494271)				64
C67397 (494272)				82
C67398 (494273)				81
C67399 (494274)				65
C67400 (494275)				83
C67401 (494276)				86
C67402 (494277)				101
C67403 (494278)				66
C67404 (494279)				50
C67405 (494280)				59
C67406 (494281)				90
C67407 (494282)				61

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ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 02, 2019      DATE RECEIVED: Sep 03, 2019      DATE REPORTED: Sep 20, 2019      SAMPLE TYPE: Drill Core

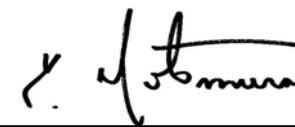
Analyte:	Zr
Unit:	ppm
Sample ID (AGAT ID)	RDL:
	5
C67408 (494283)	39
C67409 (494284)	50
C67410 (494285)	50
C67411 (494286)	43
C67412 (494287)	<5
C67413 (494288)	40
C67414 (494289)	43
C67415 (494290)	46

Comments: RDL - Reported Detection Limit

494219-494290 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T513180

PROJECT: AGAT00767

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 02, 2019      DATE RECEIVED: Sep 03, 2019      DATE REPORTED: Sep 20, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C67344 (494219)			0.005
C67345 (494220)			0.008
C67346 (494221)			0.346
C67347 (494222)			0.003
C67348 (494223)			0.001
C67349 (494224)			0.002
C67350 (494225)			0.006
C67351 (494226)			0.002
C67352 (494227)			0.001
C67353 (494228)			0.002
C67354 (494229)			0.003
C67355 (494230)			0.001
C67356 (494231)			0.001
C67357 (494232)			0.002
C67358 (494233)			0.002
C67359 (494234)			0.001
C67360 (494235)			0.001
C67361 (494236)			0.001
C67362 (494237)			0.032
C67363 (494238)			0.001
C67364 (494239)			0.001
C67365 (494240)			0.011
C67366 (494241)			0.534
C67367 (494242)			0.028
C67368 (494243)			0.180
C67369 (494244)			0.017
C67370 (494245)			0.002
C67371 (494246)			0.001
C67372 (494247)			0.001
C67373 (494248)			0.002
C67374 (494249)			0.003
C67375 (494250)			0.001

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## Certificate of Analysis

AGAT WORK ORDER: 19T513180

PROJECT: AGAT00767

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 02, 2019      DATE RECEIVED: Sep 03, 2019      DATE REPORTED: Sep 20, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C67376 (494251)			0.002
C67377 (494252)			0.002
C67378 (494253)			0.002
C67379 (494254)			0.004
C67380 (494255)			0.003
C67381 (494256)			0.001
C67382 (494257)			0.001
C67383 (494258)			0.001
C67384 (494259)			0.002
C67385 (494260)			0.082
C67386 (494261)			0.326
C67387 (494262)			0.003
C67388 (494263)			0.003
C67389 (494264)			0.001
C67390 (494265)			0.001
C67391 (494266)			0.006
C67392 (494267)			0.002
C67393 (494268)			0.005
C67394 (494269)			0.004
C67395 (494270)			0.009
C67396 (494271)			0.013
C67397 (494272)			0.016
C67398 (494273)			0.012
C67399 (494274)			0.018
C67400 (494275)			0.017
C67401 (494276)			0.003
C67402 (494277)			0.003
C67403 (494278)			0.002
C67404 (494279)			0.006
C67405 (494280)			0.004
C67406 (494281)			0.331
C67407 (494282)			0.021

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T513180

PROJECT: AGAT00767

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 02, 2019

DATE RECEIVED: Sep 03, 2019

DATE REPORTED: Sep 20, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C67408 (494283)			0.015
C67409 (494284)			0.004
C67410 (494285)			0.021
C67411 (494286)			0.015
C67412 (494287)			0.001
C67413 (494288)			0.006
C67414 (494289)			0.006
C67415 (494290)			0.004

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T513180

PROJECT: AGAT00767

5623 McADAM ROAD  
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CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Sep 02, 2019	DATE RECEIVED: Sep 03, 2019	DATE REPORTED: Sep 20, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
C67344 (494219)		88.12
C67364 (494239)		86.97
C67383 (494258)		83.64
C67403 (494278)		82.87

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T513180

PROJECT: AGAT00767

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Sep 02, 2019      DATE RECEIVED: Sep 03, 2019      DATE REPORTED: Sep 20, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
C67344 (494219)		86.19
C67380 (494255)		87.67

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	494219	< 0.5	< 0.5	0.0%	494233	< 0.5	< 0.5	0.0%	494244	< 0.5	< 0.5	0.0%	494258	< 0.5	< 0.5	0.0%
Al	494219	7.89	7.99	1.3%	494233	7.87	7.84	0.4%	494244	8.46	8.28	2.2%	494258	7.80	7.79	0.1%
As	494219	< 1	< 1	0.0%	494233	< 1	< 1	0.0%	494244	< 1	1		494258	< 1	1	
Ba	494219	677	672	0.7%	494233	379	369	2.7%	494244	362	353	2.5%	494258	435	439	0.9%
Be	494219	1.0	1.0	0.0%	494233	1.5	1.5	0.0%	494244	1.0	1.0	0.0%	494258	0.9	0.9	0.0%
Bi	494219	< 1	< 1	0.0%	494233	< 1	< 1	0.0%	494244	< 1	< 1	0.0%	494258	< 1	< 1	0.0%
Ca	494219	1.77	1.74	1.7%	494233	2.57	2.50	2.8%	494244	3.06	2.98	2.6%	494258	1.88	1.88	0.0%
Cd	494219	< 0.5	< 0.5	0.0%	494233	< 0.5	< 0.5	0.0%	494244	< 0.5	< 0.5	0.0%	494258	< 0.5	< 0.5	0.0%
Ce	494219	28	25	11.3%	494233	31	32	3.2%	494244	29	30	3.4%	494258	40	39	2.5%
Co	494219	11.4	11.0	3.6%	494233	4.9	4.9	0.0%	494244	11.3	10.9	3.6%	494258	5.7	5.3	7.3%
Cr	494219	22.6	20.9	7.8%	494233	13.2	12.3	7.1%	494244	21.1	20.7	1.9%	494258	12.6	14.8	16.1%
Cu	494219	10.6	9.6	9.9%	494233	1.9	1.9	0.0%	494244	25.0	25.9	3.5%	494258	< 0.5	< 0.5	0.0%
Fe	494219	3.16	3.17	0.3%	494233	1.99	1.99	0.0%	494244	2.85	2.76	3.2%	494258	2.21	2.21	0.0%
Ga	494219	20	20	0.0%	494233	21	21	0.0%	494244	20	21	4.9%	494258	22	22	0.0%
In	494219	< 1	< 1	0.0%	494233	< 1	< 1	0.0%	494244	< 1	< 1	0.0%	494258	< 1	< 1	0.0%
K	494219	2.06	2.07	0.5%	494233	1.85	1.84	0.5%	494244	1.76	1.71	2.9%	494258	1.51	1.50	0.7%
La	494219	15	15	0.0%	494233	16	16	0.0%	494244	16	17	6.1%	494258	22	22	0.0%
Li	494219	49	50	2.0%	494233	31	31	0.0%	494244	36	35	2.8%	494258	23	24	4.3%
Mg	494219	1.76	1.77	0.6%	494233	1.08	1.09	0.9%	494244	1.22	1.18	3.3%	494258	0.861	0.865	0.5%
Mn	494219	552	570	3.2%	494233	288	289	0.3%	494244	468	472	0.9%	494258	261	261	0.0%
Mo	494219	1.3	0.6		494233	1.1	1.4	24.0%	494244	1.9	2.4	23.3%	494258	0.6	0.9	
Na	494219	3.07	3.01	2.0%	494233	2.47	2.39	3.3%	494244	2.27	2.21	2.7%	494258	3.15	3.18	0.9%
Ni	494219	19.8	17.6	11.8%	494233	4.3	4.3	0.0%	494244	18.6	18.6	0.0%	494258	7.3	8.1	10.4%
P	494219	658	631	4.2%	494233	474	470	0.8%	494244	451	447	0.9%	494258	444	446	0.4%
Pb	494219	< 20	< 20	0.0%	494233	< 20	< 20	0.0%	494244	< 20	< 20	0.0%	494258	< 20	< 20	0.0%
Rb	494219	< 50	< 50	0.0%	494233	< 50	< 50	0.0%	494244	< 50	< 50	0.0%	494258	< 50	< 50	0.0%
S	494219	0.04	0.04	0.0%	494233	0.04	0.04	0.0%	494244	0.102	0.094	8.2%	494258	0.01	0.01	0.0%
Sb	494219	< 1	< 1	0.0%	494233	< 1	< 1	0.0%	494244	< 1	< 1	0.0%	494258	< 1	< 1	0.0%
Sc	494219	9	8	11.8%	494233	4	4	0.0%	494244	9	9	0.0%	494258	4	4	0.0%
Se	494219	< 10	< 10	0.0%	494233	< 10	< 10	0.0%	494244	< 10	< 10	0.0%	494258	< 10	< 10	0.0%
Sn	494219	< 5	< 5	0.0%	494233	< 5	< 5	0.0%	494244	< 5	< 5	0.0%	494258	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	494219	255	251	1.6%	494233	185	178	3.9%	494244	197	193	2.1%	494258	197	198	0.5%
Ta	494219	< 10	< 10	0.0%	494233	< 10	< 10	0.0%	494244	< 10	< 10	0.0%	494258	< 10	< 10	0.0%
Te	494219	< 10	< 10	0.0%	494233	< 10	< 10	0.0%	494244	< 10	< 10	0.0%	494258	< 10	< 10	0.0%
Th	494219	< 5	< 5	0.0%	494233	< 5	< 5	0.0%	494244	< 5	< 5	0.0%	494258	< 5	< 5	0.0%
Ti	494219	0.26	0.26	0.0%	494233	0.17	0.17	0.0%	494244	0.24	0.24	0.0%	494258	0.20	0.20	0.0%
Tl	494219	< 5	< 5	0.0%	494233	< 5	< 5	0.0%	494244	< 5	< 5	0.0%	494258	< 5	< 5	0.0%
U	494219	< 50	< 50	0.0%	494233	< 50	< 50	0.0%	494244	< 50	< 50	0.0%	494258	< 50	< 50	0.0%
V	494219	49.2	48.3	1.8%	494233	30.0	29.4	2.0%	494244	51.5	51.4	0.2%	494258	32.0	32.4	1.2%
W	494219	< 1	< 1	0.0%	494233	< 1	< 1	0.0%	494244	< 1	< 1	0.0%	494258	< 1	< 1	0.0%
Y	494219	7	7	0.0%	494233	9	9	0.0%	494244	7	8	13.3%	494258	6	6	0.0%
Zn	494219	61.8	59.3	4.1%	494233	32.7	33.4	2.1%	494244	54.2	54.9	1.3%	494258	58.1	54.3	6.8%
Zr	494219	70	66	5.9%	494233	58	60	3.4%	494244	106	109	2.8%	494258	94	88	6.6%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	494269	< 0.5	< 0.5	0.0%	494283	< 0.5	< 0.5	0.0%								
Al	494269	7.41	7.40	0.1%	494283	7.80	7.94	1.8%								
As	494269	< 1	< 1	0.0%	494283	< 1	< 1	0.0%								
Ba	494269	527	532	0.9%	494283	555	562	1.3%								
Be	494269	1.15	1.14	0.9%	494283	1.12	1.18	5.2%								
Bi	494269	< 1	< 1	0.0%	494283	< 1	< 1	0.0%								
Ca	494269	1.42	1.43	0.7%	494283	1.39	1.40	0.7%								
Cd	494269	< 0.5	< 0.5	0.0%	494283	< 0.5	< 0.5	0.0%								
Ce	494269	38	34	11.1%	494283	49	49	0.0%								
Co	494269	6.07	6.16	1.5%	494283	6.5	6.3	3.1%								
Cr	494269	12.9	13.1	1.5%	494283	12.7	12.9	1.6%								
Cu	494269	3.9	4.1	5.0%	494283	26.9	26.6	1.1%								
Fe	494269	2.51	2.55	1.6%	494283	2.51	2.56	2.0%								
Ga	494269	20	20	0.0%	494283	22	21	4.7%								
In	494269	< 1	< 1	0.0%	494283	< 1	< 1	0.0%								
K	494269	1.61	1.61	0.0%	494283	1.51	1.54	2.0%								
La	494269	20	18	10.5%	494283	25	24	4.1%								
Li	494269	27	27	0.0%	494283	17	18	5.7%								
Mg	494269	1.02	1.04	1.9%	494283	1.00	1.02	2.0%								
Mn	494269	374	375	0.3%	494283	351	358	2.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	494269	1.15	1.36	16.7%	494283	0.82	0.97	16.8%								
Na	494269	3.03	3.02	0.3%	494283	3.72	3.71	0.3%								
Ni	494269	6.3	6.5	3.1%	494283	4.72	4.23	10.9%								
P	494269	578	552	4.6%	494283	555	526	5.4%								
Pb	494269	< 20	< 20	0.0%	494283	< 20	< 20	0.0%								
Rb	494269	< 50	< 50	0.0%	494283	< 50	< 50	0.0%								
S	494269	0.05	0.05	0.0%	494283	0.182	0.174	4.5%								
Sb	494269	< 1	< 1	0.0%	494283	< 1	< 1	0.0%								
Sc	494269	5	5	0.0%	494283	5	5	0.0%								
Se	494269	< 10	< 10	0.0%	494283	< 10	< 10	0.0%								
Sn	494269	< 5	< 5	0.0%	494283	< 5	< 5	0.0%								
Sr	494269	191	191	0.0%	494283	204	207	1.5%								
Ta	494269	< 10	< 10	0.0%	494283	< 10	< 10	0.0%								
Te	494269	< 10	< 10	0.0%	494283	< 10	< 10	0.0%								
Th	494269	< 5	< 5	0.0%	494283	< 5	< 5	0.0%								
Ti	494269	0.23	0.23	0.0%	494283	0.21	0.21	0.0%								
Tl	494269	< 5	< 5	0.0%	494283	< 5	< 5	0.0%								
U	494269	< 50	< 50	0.0%	494283	< 50	< 50	0.0%								
V	494269	31.2	30.3	2.9%	494283	34.4	33.2	3.6%								
W	494269	< 1	< 1	0.0%	494283	< 1	< 1	0.0%								
Y	494269	7	7	0.0%	494283	8	7	13.3%								
Zn	494269	55.8	54.8	1.8%	494283	64.5	63.2	2.0%								
Zr	494269	62	59	5.0%	494283	39	38	2.6%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	494219	0.005	0.003		494233	0.002	0.002	0.0%	494244	0.017	0.017	0.0%	494258	0.0012	0.0016	28.6%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	494269	0.004	0.034		494283	0.015	0.015	0.0%								

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP5G)				CRM #3 (ref.GS5W)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	2.96	98%	90% - 110%
Al	10.95	10.99	100%	90% - 110%	8.17	8.35	102%	90% - 110%	6.96	6.93	100%	90% - 110%	4.75	4.89	103%	90% - 110%
As					26	22	84%	90% - 110%	124	120	97%	90% - 110%				
Ba	340	332	98%	90% - 110%	540	531	98%	90% - 110%	186	183	98%	90% - 110%	216	217	100%	90% - 110%
Be	2.6	2.6	100%	90% - 110%	4.0	3.5	87%	90% - 110%								
Ca	5.72	5.67	99%	90% - 110%	0.907	0.911	100%	90% - 110%	4.01	3.94	98%	90% - 110%	10	9	93%	90% - 110%
Ce	122	111	91%	90% - 110%	98	93	95%	90% - 110%	24	19	78%	90% - 110%				
Co									22.1	21.6	98%	90% - 110%	191	174	91%	90% - 110%
Cr					60.3	63.7	106%	90% - 110%					670	482	72%	90% - 110%
Cu					150	151	101%	90% - 110%	88.6	80.5	91%	90% - 110%	7120	7317	103%	90% - 110%
Fe	4.34	4.18	96%	90% - 110%	3.77	3.78	100%	90% - 110%	7.56	7.46	99%	90% - 110%	12.71	11.87	93%	90% - 110%
Ga	35	35	100%	90% - 110%												
K	1.37	1.47	107%	90% - 110%					2.021	2.085	103%	90% - 110%	0.1021	0.1086	106%	90% - 110%
La	58	55	94%	90% - 110%	44	43	98%	90% - 110%					8.47	9.16	108%	90% - 110%
Li	37	39	104%	90% - 110%	47	47	101%	90% - 110%								
Mg	0.325	0.301	93%	90% - 110%	1.10	1.08	99%	90% - 110%	2.412	2.366	98%	90% - 110%	7.41	7.11	96%	90% - 110%
Mn					780	756	97%	90% - 110%	1510	1422	94%	90% - 110%				
Mo					14	13	94%	90% - 110%								
Na	5.267	5.241	100%	90% - 110%	1.624	1.669	103%	90% - 110%	0.617	0.609	99%	90% - 110%	0.112	0.12	108%	90% - 110%
Ni					32	31	98%	90% - 110%	77.1	72.9	95%	90% - 110%	2480	2239	90%	90% - 110%
P					750	744	99%	90% - 110%	892	900	101%	90% - 110%	731	686	94%	90% - 110%
Pb					31	23	74%	90% - 110%								
S									0.348	0.328	94%	90% - 110%				
Sc	1.1	0.9	79%	90% - 110%	12	13	105%	90% - 110%					21.33	21.5	101%	90% - 110%
Sr	1191	1175	99%	90% - 110%	144	152	106%	90% - 110%	92.8	89	96%	90% - 110%	39	37	94%	90% - 110%
Ti	0.172	0.176	102%	90% - 110%	0.53	0.51	96%	90% - 110%					0.419	0.417	99%	90% - 110%
V	8	7	87%	90% - 110%	77	84	109%	90% - 110%					158	159	100%	90% - 110%
Y	119	121	102%	90% - 110%									12.67	13.17	104%	90% - 110%
Zn	93	99	106%	90% - 110%	130	126	97%	90% - 110%	208	227	109%	90% - 110%	112	109	98%	90% - 110%
Zr													35.7	34.9	98%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP5G)				CRM #3 (ref.GS5W)				CRM #4 (ref.1P5R)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	7.02	102%	90% - 110%	0.562	0.545	97%	90% - 110%	5.27	5.33	101%	90% - 110%	1.81	1.65	91%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00767  
 SAMPLING SITE:

AGAT WORK ORDER: 19T513180  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00768

AGAT WORK ORDER: 19T513821

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 27, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T513821

PROJECT: AGAT00768

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 03, 2019      DATE RECEIVED: Sep 04, 2019      DATE REPORTED: Sep 27, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
B74611 (497652)		1.88
B74612 (497653)		0.61
B74613 (497654)		0.69
B74614 (497655)		2.17
B74615 (497656)		1.78
B74616 (497657)		2.10
B74617 (497658)		2.39
B74618 (497659)		2.39
B74619 (497660)		2.27
B74620 (497661)		2.29
B74621 (497662)		1.38
B74622 (497663)		2.23
B74623 (497664)		0.73
B74624 (497665)		1.33
B74625 (497666)		2.93
B74626 (497667)		0.07
B74627 (497668)		2.24
B74628 (497669)		2.23
B74629 (497670)		1.64
B74630 (497671)		2.11
B74631 (497672)		2.16
B74632 (497673)		0.48
B74633 (497674)		1.57
B74634 (497675)		1.61
B74635 (497676)		1.45
B74636 (497677)		2.17
B74637 (497678)		2.19
B74638 (497679)		2.19
B74639 (497680)		1.34
B74640 (497681)		1.28
B74641 (497682)		1.81

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T513821

PROJECT: AGAT00768

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 03, 2019      DATE RECEIVED: Sep 04, 2019      DATE REPORTED: Sep 27, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
B74642 (497683)		1.12
B74643 (497684)		1.65
B74644 (497685)		1.35
B74645 (497686)		2.13
B74646 (497687)		0.07
B74647 (497688)		2.26
B74648 (497689)		2.23
B74649 (497690)		2.20
B74650 (497691)		2.40
B74651 (497692)		0.97
B74652 (497693)		0.39
B74653 (497694)		1.79
B74654 (497695)		1.80
B74655 (497696)		1.63
B74656 (497697)		1.11
B74657 (497698)		1.79
B74658 (497699)		1.79
B74659 (497700)		2.21
B74660 (497701)		1.91
B74661 (497702)		0.98
B74662 (497703)		1.42
B74663 (497704)		2.13
B74664 (497705)		1.83
B74665 (497706)		2.18
B74666 (497707)		0.07
B74667 (497708)		1.72
B74668 (497709)		1.46
B74669 (497710)		1.60
B74670 (497711)		2.33
B74671 (497712)		1.89
B74672 (497713)		0.63

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T513821

PROJECT: AGAT00768

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 03, 2019      DATE RECEIVED: Sep 04, 2019      DATE REPORTED: Sep 27, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
B74673 (497714)		2.08
B74674 (497715)		1.82
B74675 (497716)		2.14
B74676 (497717)		2.70
B74677 (497718)		2.21
B74678 (497719)		2.21
B74679 (497720)		2.17
B74680 (497721)		1.23
B74681 (497722)		0.93
B74682 (497723)		2.43

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T513821

PROJECT: AGAT00768

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 03, 2019	DATE RECEIVED: Sep 04, 2019							DATE REPORTED: Sep 27, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
B74611 (497652)	<0.5	7.59	3	458	0.7	<1	2.43	<0.5	50	6.5	152	3.0	2.00	21	
B74612 (497653)	<0.5	0.08	<1	17	<0.5	<1	29.6	<0.5	1	1.0	21.3	<0.5	0.12	6	
B74613 (497654)	<0.5	7.42	3	452	0.7	<1	2.40	<0.5	49	6.6	169	0.6	1.93	20	
B74614 (497655)	<0.5	8.16	2	576	0.9	<1	2.76	<0.5	36	5.6	183	<0.5	1.90	22	
B74615 (497656)	<0.5	8.68	<1	420	0.7	<1	2.93	<0.5	34	5.0	184	12.8	2.00	22	
B74616 (497657)	<0.5	8.10	<1	389	0.9	<1	2.33	<0.5	41	5.8	186	18.7	1.78	21	
B74617 (497658)	<0.5	8.32	<1	463	0.9	<1	2.42	<0.5	33	9.2	186	<0.5	2.31	22	
B74618 (497659)	<0.5	8.45	<1	461	0.9	<1	2.46	<0.5	30	8.6	153	<0.5	2.31	22	
B74619 (497660)	<0.5	8.33	1	401	0.7	<1	2.23	<0.5	32	7.5	117	4.1	2.02	23	
B74620 (497661)	<0.5	8.54	1	391	0.9	<1	2.42	<0.5	35	6.1	132	13.7	1.95	22	
B74621 (497662)	<0.5	8.26	<1	558	1.2	<1	2.07	<0.5	51	5.3	92.2	<0.5	1.69	22	
B74622 (497663)	<0.5	8.22	<1	462	0.8	<1	2.09	<0.5	45	6.6	153	28.4	1.94	22	
B74623 (497664)	<0.5	7.82	<1	532	0.9	<1	1.88	<0.5	48	8.0	169	<0.5	2.49	21	
B74624 (497665)	<0.5	9.00	<1	587	1.2	<1	2.07	<0.5	48	8.6	162	6.1	2.41	23	
B74625 (497666)	<0.5	7.89	<1	472	0.8	<1	1.60	<0.5	46	8.1	174	<0.5	2.57	22	
B74626 (497667)	<0.5	7.52	<1	194	<0.5	<1	6.17	<0.5	17	42.3	185	97.7	7.62	23	
B74627 (497668)	<0.5	8.38	<1	397	0.7	<1	2.22	<0.5	31	7.6	121	4.6	2.02	23	
B74628 (497669)	<0.5	7.89	<1	475	1.0	<1	2.25	<0.5	32	7.0	124	45.7	1.85	21	
B74629 (497670)	<0.5	7.63	<1	491	1.1	<1	2.05	<0.5	32	6.0	86.2	0.7	1.83	19	
B74630 (497671)	<0.5	7.83	<1	560	0.7	<1	1.89	<0.5	40	7.8	92.2	7.8	2.44	21	
B74631 (497672)	<0.5	8.16	<1	449	0.7	<1	2.23	<0.5	31	6.3	190	30.1	1.84	21	
B74632 (497673)	<0.5	0.08	<1	14	<0.5	<1	28.5	<0.5	2	1.0	13.0	<0.5	0.11	6	
B74633 (497674)	<0.5	8.25	2	440	0.7	<1	2.34	<0.5	30	5.9	213	19.0	1.70	21	
B74634 (497675)	<0.5	8.57	1	436	1.4	<1	2.01	<0.5	32	6.0	102	17.3	1.61	21	
B74635 (497676)	<0.5	8.01	2	383	1.3	<1	2.62	<0.5	29	6.4	119	10.9	1.79	21	
B74636 (497677)	<0.5	8.35	1	368	0.7	<1	2.73	<0.5	31	6.3	126	14.5	1.88	22	
B74637 (497678)	<0.5	8.46	<1	351	1.0	<1	2.60	<0.5	35	5.8	110	<0.5	1.72	22	
B74638 (497679)	<0.5	8.58	<1	360	1.0	<1	2.61	<0.5	34	5.6	129	<0.5	1.81	21	
B74639 (497680)	<0.5	8.32	<1	419	0.9	<1	2.44	<0.5	29	7.4	109	<0.5	2.16	22	
B74640 (497681)	<0.5	8.32	<1	410	0.8	<1	2.28	<0.5	35	7.1	119	<0.5	2.06	23	
B74641 (497682)	<0.5	7.62	<1	508	0.9	<1	2.64	<0.5	34	9.7	152	<0.5	2.57	19	
B74642 (497683)	<0.5	5.91	<1	925	2.0	<1	5.99	<0.5	134	27.6	279	21.5	4.75	22	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T513821

PROJECT: AGAT00768

5623 McADAM ROAD  
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CANADA L4Z 1N9  
TEL (905)501-9998  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 03, 2019	DATE RECEIVED: Sep 04, 2019							DATE REPORTED: Sep 27, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
B74643 (497684)	<0.5	8.41	<1	422	0.9	<1	2.01	<0.5	29	10.5	171	7.5	2.68	22	
B74644 (497685)	<0.5	7.88	<1	463	1.0	<1	2.31	<0.5	26	11.0	225	1.3	2.60	21	
B74645 (497686)	<0.5	6.77	2	367	0.8	<1	1.76	<0.5	51	5.9	140	4.6	1.70	20	
B74646 (497687)	<0.5	7.61	<1	195	<0.5	<1	6.18	<0.5	18	43.1	190	97.6	7.64	21	
B74647 (497688)	<0.5	6.61	<1	448	1.4	<1	1.97	<0.5	47	6.1	190	<0.5	1.97	19	
B74648 (497689)	<0.5	7.63	<1	518	0.9	<1	1.86	<0.5	41	8.4	171	3.5	2.39	20	
B74649 (497690)	<0.5	8.72	<1	519	0.8	<1	2.50	<0.5	28	13.1	159	30.8	2.80	22	
B74650 (497691)	<0.5	8.14	<1	527	0.9	<1	2.87	<0.5	34	7.1	162	5.7	2.42	22	
B74651 (497692)	<0.5	7.82	1	535	0.8	<1	2.06	<0.5	29	7.4	190	41.1	2.03	21	
B74652 (497693)	<0.5	0.08	1	20	<0.5	<1	31.4	<0.5	2	1.2	19.5	<0.5	0.10	6	
B74653 (497694)	<0.5	3.34	<1	791	0.8	<1	7.04	<0.5	107	80.0	708	88.5	9.04	21	
B74654 (497695)	<0.5	7.47	<1	615	1.0	<1	2.48	<0.5	37	7.8	176	5.2	2.07	22	
B74655 (497696)	<0.5	7.39	1	1110	1.0	<1	2.28	<0.5	58	6.8	148	<0.5	1.95	19	
B74656 (497697)	<0.5	6.23	3	462	1.4	<1	5.32	<0.5	63	13.4	150	17.9	3.61	18	
B74657 (497698)	<0.5	7.52	2	549	1.3	<1	2.34	<0.5	50	6.1	170	3.8	1.93	21	
B74658 (497699)	<0.5	7.64	<1	570	1.2	<1	2.28	<0.5	44	6.0	196	4.8	2.12	21	
B74659 (497700)	<0.5	7.90	<1	542	0.9	<1	2.39	<0.5	66	8.4	167	0.9	2.25	21	
B74660 (497701)	<0.5	7.71	<1	534	0.8	<1	2.26	<0.5	67	8.0	167	<0.5	2.15	21	
B74661 (497702)	<0.5	8.36	<1	852	1.2	<1	2.02	<0.5	41	7.3	189	<0.5	2.34	22	
B74662 (497703)	<0.5	7.28	1	666	1.6	<1	3.15	<0.5	40	9.6	180	11.6	2.58	20	
B74663 (497704)	<0.5	7.88	<1	956	1.7	<1	3.15	<0.5	39	10.1	155	21.6	2.41	20	
B74664 (497705)	<0.5	7.47	2	825	1.5	<1	3.64	<0.5	50	11.2	189	24.8	2.69	19	
B74665 (497706)	<0.5	7.95	<1	837	1.0	<1	2.57	<0.5	60	8.5	157	22.5	2.23	21	
B74666 (497707)	<0.5	7.32	<1	192	<0.5	<1	6.06	<0.5	18	43.4	185	93.4	7.46	24	
B74667 (497708)	<0.5	7.84	<1	773	1.3	<1	2.60	<0.5	63	6.6	198	<0.5	2.14	20	
B74668 (497709)	<0.5	7.26	2	567	1.6	<1	3.45	<0.5	53	7.6	150	5.5	2.25	18	
B74669 (497710)	<0.5	7.10	<1	1490	0.9	<1	6.74	<0.5	87	50.9	382	65.5	7.27	20	
B74670 (497711)	<0.5	7.10	<1	1470	1.0	<1	6.94	<0.5	88	45.6	302	61.4	6.94	18	
B74671 (497712)	<0.5	7.81	<1	1240	1.3	<1	5.97	<0.5	88	41.3	285	52.5	6.39	19	
B74672 (497713)	<0.5	0.08	2	16	<0.5	<1	30.4	<0.5	2	0.6	10.4	<0.5	0.11	5	
B74673 (497714)	<0.5	7.75	4	870	1.6	<1	3.22	<0.5	33	10.6	176	11.6	2.26	20	
B74674 (497715)	<0.5	8.31	<1	711	1.0	<1	2.79	<0.5	48	7.3	184	<0.5	2.24	21	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T513821

PROJECT: AGAT00768

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 03, 2019		DATE RECEIVED: Sep 04, 2019						DATE REPORTED: Sep 27, 2019				SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
B74675 (497716)		<0.5	7.76	<1	973	1.0	<1	2.48	<0.5	62	7.4	213	3.8	2.13	19
B74676 (497717)		<0.5	8.11	<1	1250	1.0	<1	2.46	<0.5	40	8.7	146	3.7	2.22	21
B74677 (497718)		<0.5	7.75	<1	561	1.4	<1	3.39	<0.5	17	9.3	150	<0.5	2.51	22
B74678 (497719)		<0.5	7.43	<1	541	1.4	<1	3.55	<0.5	18	9.3	173	<0.5	2.65	21
B74679 (497720)		<0.5	8.21	<1	1430	1.3	<1	2.24	<0.5	57	7.7	151	18.2	2.19	21
B74680 (497721)		<0.5	6.81	<1	957	2.3	<1	3.75	<0.5	53	8.7	180	13.8	2.74	19
B74681 (497722)		<0.5	6.29	1	670	1.8	<1	4.57	<0.5	33	12.7	200	23.6	3.38	20
B74682 (497723)		<0.5	7.65	<1	680	2.7	<1	3.37	<0.5	26	9.1	191	<0.5	2.48	21

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T513821

PROJECT: AGAT00768

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 03, 2019	DATE RECEIVED: Sep 04, 2019					DATE REPORTED: Sep 27, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
B74611 (497652)	<1	1.20	23	25	1.03	289	2.0	1.90	7.5	508	<20	<50	0.03	<1	
B74612 (497653)	3	0.01	<2	2	3.23	59	0.7	0.04	<0.5	80	<20	<50	0.02	<1	
B74613 (497654)	<1	1.17	23	25	1.01	282	12.5	1.84	6.3	513	<20	<50	0.03	<1	
B74614 (497655)	<1	1.43	17	29	1.28	294	13.0	2.32	7.0	418	<20	<50	0.03	<1	
B74615 (497656)	<1	1.33	17	34	1.20	341	17.2	2.34	6.0	399	<20	<50	0.04	<1	
B74616 (497657)	<1	1.15	19	22	0.77	282	15.6	2.58	6.4	287	<20	<50	0.06	<1	
B74617 (497658)	<1	1.50	16	37	1.13	362	15.3	2.65	14.8	430	<20	<50	0.01	<1	
B74618 (497659)	<1	1.50	15	36	1.14	359	13.6	2.70	13.6	415	<20	<50	0.01	<1	
B74619 (497660)	<1	1.34	15	27	0.91	265	13.9	3.08	6.5	413	<20	<50	0.03	<1	
B74620 (497661)	<1	1.23	16	26	0.80	235	13.0	3.08	7.1	446	<20	<50	0.04	<1	
B74621 (497662)	<1	1.57	22	14	0.67	226	11.8	3.59	8.2	310	<20	<50	0.08	<1	
B74622 (497663)	<1	1.28	21	29	0.83	250	15.1	2.95	6.5	375	<20	<50	0.06	<1	
B74623 (497664)	<1	1.67	23	35	1.28	359	13.6	2.91	11.2	433	<20	<50	0.01	<1	
B74624 (497665)	<1	1.62	22	31	1.19	323	20.5	3.20	13.1	358	<20	<50	0.03	<1	
B74625 (497666)	<1	1.81	23	46	1.52	381	15.2	2.63	8.5	414	<20	<50	0.01	<1	
B74626 (497667)	<1	0.42	10	10	4.20	1320	<0.5	2.24	105	805	<20	<50	0.09	<1	
B74627 (497668)	<1	1.36	15	28	0.91	266	14.6	3.09	6.4	417	<20	<50	0.03	<1	
B74628 (497669)	<1	1.12	15	22	0.77	252	13.9	2.87	7.6	421	<20	<50	0.13	<1	
B74629 (497670)	<1	1.38	15	23	0.86	295	13.4	3.02	12.9	603	<20	<50	0.03	<1	
B74630 (497671)	<1	1.62	19	38	1.15	351	16.6	2.59	8.0	392	<20	<50	0.06	<1	
B74631 (497672)	<1	1.15	14	20	0.68	242	16.5	3.01	6.7	354	<20	<50	0.16	<1	
B74632 (497673)	2	0.02	<2	2	4.15	66	<0.5	0.05	<0.5	88	<20	<50	<0.01	2	
B74633 (497674)	<1	1.03	14	18	0.58	213	18.8	3.03	6.2	387	<20	<50	0.12	<1	
B74634 (497675)	<1	1.18	14	16	0.57	205	10.8	4.00	7.0	529	<20	<50	0.12	<1	
B74635 (497676)	<1	1.09	14	18	0.58	234	17.8	2.94	5.9	378	<20	<50	0.11	<1	
B74636 (497677)	<1	1.01	14	17	0.55	238	12.2	2.76	5.8	466	<20	<50	0.09	<1	
B74637 (497678)	<1	1.23	16	16	0.60	204	10.5	3.11	6.7	356	<20	<50	0.02	<1	
B74638 (497679)	<1	1.28	15	17	0.62	217	13.5	3.16	7.3	362	<20	<50	0.02	<1	
B74639 (497680)	<1	1.38	14	35	1.04	278	12.6	2.59	7.1	438	<20	<50	0.02	<1	
B74640 (497681)	<1	1.37	17	24	1.05	279	14.7	2.72	7.2	447	<20	<50	<0.01	<1	
B74641 (497682)	<1	1.74	16	23	1.70	511	10.1	2.35	14.6	540	<20	<50	0.02	<1	
B74642 (497683)	<1	1.92	63	47	4.05	932	9.9	2.39	92.8	2500	<20	<50	0.10	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T513821

PROJECT: AGAT00768

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 03, 2019	DATE RECEIVED: Sep 04, 2019					DATE REPORTED: Sep 27, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
B74643 (497684)	<1	1.95	14	39	1.67	426	11.8	2.64	15.8	451	<20	<50	0.03	<1	
B74644 (497685)	<1	1.67	13	40	1.36	453	17.0	2.39	18.3	431	<20	<50	0.02	<1	
B74645 (497686)	<1	1.14	23	7	0.78	257	19.3	2.18	6.8	273	<20	<50	0.02	<1	
B74646 (497687)	<1	0.43	11	11	4.25	1330	<0.5	2.27	109	845	<20	<50	0.09	<1	
B74647 (497688)	<1	1.37	22	21	1.02	312	12.8	2.62	10.9	292	<20	<50	<0.01	<1	
B74648 (497689)	<1	1.73	19	28	1.10	371	12.0	2.52	9.4	471	<20	<50	0.03	<1	
B74649 (497690)	<1	1.77	14	28	1.31	422	13.7	2.51	25.0	427	<20	<50	0.09	<1	
B74650 (497691)	<1	1.72	16	22	1.42	428	13.1	2.22	10.8	429	<20	<50	0.05	<1	
B74651 (497692)	<1	1.50	14	25	0.95	278	16.0	2.25	8.8	457	<20	<50	0.16	<1	
B74652 (497693)	<1	0.02	<2	<1	2.06	58	<0.5	0.04	<0.5	83	<20	<50	0.01	1	
B74653 (497694)	<1	1.68	50	25	8.76	1350	3.0	0.99	546	2190	<20	<50	0.17	<1	
B74654 (497695)	<1	1.84	17	23	1.13	344	14.8	2.18	12.1	438	<20	<50	0.04	<1	
B74655 (497696)	<1	1.41	27	23	0.99	319	15.1	2.32	9.3	520	<20	<50	0.03	<1	
B74656 (497697)	<1	2.36	29	13	2.21	781	8.9	2.15	28.4	276	<20	<50	0.20	<1	
B74657 (497698)	<1	1.44	23	29	1.22	352	18.5	2.26	6.4	407	<20	<50	0.05	<1	
B74658 (497699)	<1	1.54	21	31	1.34	382	21.6	2.14	7.3	389	<20	<50	0.05	<1	
B74659 (497700)	<1	1.57	30	35	1.21	384	18.2	2.27	9.3	559	<20	<50	0.03	<1	
B74660 (497701)	<1	1.48	31	30	1.13	349	15.9	2.17	8.2	554	<20	<50	0.03	<1	
B74661 (497702)	<1	1.68	19	28	1.28	362	15.0	2.46	7.6	475	<20	<50	0.02	<1	
B74662 (497703)	<1	2.72	18	11	1.46	474	10.8	2.55	17.3	493	<20	<50	0.08	<1	
B74663 (497704)	<1	2.36	17	16	1.35	482	9.6	2.83	19.3	630	<20	<50	0.14	<1	
B74664 (497705)	<1	1.65	22	18	1.61	584	15.3	2.53	17.4	449	<20	<50	0.17	<1	
B74665 (497706)	<1	1.66	27	23	1.17	396	13.3	2.55	8.7	588	<20	<50	0.22	<1	
B74666 (497707)	<1	0.41	11	10	4.05	1290	<0.5	2.23	108	840	<20	<50	0.08	<1	
B74667 (497708)	<1	1.93	29	26	1.23	420	17.5	2.42	8.6	560	<20	<50	0.05	<1	
B74668 (497709)	<1	1.95	23	18	1.50	479	10.8	2.63	14.3	317	<20	<50	0.10	<1	
B74669 (497710)	<1	2.02	40	42	6.50	1310	4.2	1.89	239	1800	<20	<50	0.12	<1	
B74670 (497711)	<1	1.84	41	40	6.02	1280	2.6	1.95	190	1760	<20	<50	0.12	<1	
B74671 (497712)	<1	1.78	40	38	4.89	1140	4.5	2.58	161	1740	<20	<50	0.12	<1	
B74672 (497713)	1	0.02	<2	<1	2.25	58	<0.5	0.05	<0.5	74	<20	<50	<0.01	<1	
B74673 (497714)	<1	1.67	15	13	1.18	411	12.8	3.47	29.9	424	<20	<50	0.06	<1	
B74674 (497715)	<1	1.56	21	27	1.05	375	14.5	2.40	7.1	454	<20	<50	0.01	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T513821

PROJECT: AGAT00768

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 03, 2019	DATE RECEIVED: Sep 04, 2019		DATE REPORTED: Sep 27, 2019				SAMPLE TYPE: Drill Core								
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
B74675 (497716)	<1	1.55	28	28	0.93	378	15.8	2.40	7.6	563	<20	<50	0.05	<1	
B74676 (497717)	<1	1.51	18	22	0.88	325	13.3	2.97	11.6	521	<20	<50	0.05	<1	
B74677 (497718)	<1	2.34	8	12	1.45	521	7.5	3.83	18.7	296	<20	<50	0.05	<1	
B74678 (497719)	<1	2.45	8	12	1.53	544	9.8	3.47	19.4	313	<20	<50	0.05	<1	
B74679 (497720)	<1	1.60	26	20	0.89	330	12.8	2.93	9.1	640	<20	<50	0.10	<1	
B74680 (497721)	<1	1.89	24	12	1.68	648	11.4	3.15	15.9	346	<20	<50	0.08	<1	
B74681 (497722)	<1	2.40	15	11	1.94	639	11.2	2.77	27.5	291	<20	<50	0.14	<1	
B74682 (497723)	<1	1.80	12	13	1.35	481	12.7	3.94	20.0	222	<20	<50	0.03	<1	

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## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 03, 2019

DATE RECEIVED: Sep 04, 2019

DATE REPORTED: Sep 27, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
B74611 (497652)	5	<10	<5	188	<10	<10	<5	0.19	<5	<50	31.8	<1	7	38.4
B74612 (497653)	<1	<10	<5	62	<10	<10	<5	<0.01	<5	<50	0.7	<1	2	4.5
B74613 (497654)	5	<10	<5	183	<10	<10	<5	0.19	<5	<50	31.1	<1	7	35.8
B74614 (497655)	4	<10	<5	218	<10	<10	<5	0.17	<5	<50	28.0	<1	5	34.6
B74615 (497656)	4	<10	<5	233	<10	<10	<5	0.19	<5	<50	30.5	<1	4	36.6
B74616 (497657)	4	<10	<5	195	<10	<10	<5	0.16	<5	<50	23.0	<1	5	42.9
B74617 (497658)	6	<10	<5	193	<10	<10	<5	0.20	<5	<50	37.3	<1	5	53.3
B74618 (497659)	6	<10	<5	197	<10	<10	<5	0.20	<5	<50	35.4	<1	5	52.7
B74619 (497660)	4	<10	<5	207	<10	<10	<5	0.19	<5	<50	31.6	<1	5	45.8
B74620 (497661)	4	<10	<5	223	<10	<10	<5	0.18	<5	<50	31.2	<1	5	43.3
B74621 (497662)	6	<10	<5	209	<10	<10	<5	0.16	<5	<50	32.4	<1	6	32.5
B74622 (497663)	4	<10	<5	215	<10	<10	<5	0.18	<5	<50	28.4	<1	5	38.6
B74623 (497664)	6	<10	<5	216	<10	<10	<5	0.18	<5	<50	33.6	<1	7	45.4
B74624 (497665)	6	<10	<5	287	<10	<10	<5	0.23	<5	<50	37.5	<1	7	45.2
B74625 (497666)	5	<10	<5	191	<10	<10	<5	0.25	<5	<50	31.6	<1	6	58.7
B74626 (497667)	34	<10	<5	245	<10	<10	<5	0.86	<5	<50	237	<1	22	85.6
B74627 (497668)	4	<10	<5	207	<10	<10	<5	0.19	<5	<50	33.0	<1	5	45.2
B74628 (497669)	4	<10	<5	215	<10	<10	<5	0.17	<5	<50	27.3	<1	5	40.7
B74629 (497670)	5	<10	<5	192	<10	<10	<5	0.15	<5	<50	23.7	<1	7	40.0
B74630 (497671)	5	<10	<5	193	<10	<10	<5	0.23	<5	<50	31.7	<1	6	58.0
B74631 (497672)	4	<10	<5	216	<10	<10	<5	0.18	<5	<50	29.1	<1	4	49.7
B74632 (497673)	<1	<10	<5	55	<10	<10	<5	<0.01	<5	<50	1.5	1	2	4.9
B74633 (497674)	4	<10	<5	215	<10	<10	<5	0.17	<5	<50	26.9	<1	4	48.0
B74634 (497675)	4	<10	<5	225	<10	<10	<5	0.15	<5	<50	23.9	<1	8	35.2
B74635 (497676)	4	<10	<5	198	<10	<10	<5	0.15	<5	<50	26.8	<1	6	50.4
B74636 (497677)	4	<10	<5	200	<10	<10	<5	0.17	<5	<50	27.6	<1	5	44.9
B74637 (497678)	5	<10	<5	213	<10	<10	<5	0.16	<5	<50	28.2	<1	5	32.1
B74638 (497679)	5	<10	<5	214	<10	<10	<5	0.16	<5	<50	28.8	<1	5	32.6
B74639 (497680)	4	<10	<5	188	<10	<10	<5	0.18	<5	<50	30.4	<1	5	42.8
B74640 (497681)	4	<10	<5	215	<10	<10	<5	0.19	<5	<50	30.7	<1	5	38.1
B74641 (497682)	6	<10	<5	239	<10	<10	<5	0.23	<5	<50	39.7	<1	7	40.5
B74642 (497683)	14	<10	<5	814	<10	<10	<5	1.01	<5	<50	138	<1	19	66.3

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## Certificate of Analysis

AGAT WORK ORDER: 19T513821

PROJECT: AGAT00768

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 03, 2019	DATE RECEIVED: Sep 04, 2019					DATE REPORTED: Sep 27, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
B74643 (497684)	7	<10	<5	216	<10	<10	<5	0.22	<5	<50	40.1	<1	4	56.7	
B74644 (497685)	7	<10	<5	192	<10	<10	<5	0.20	<5	<50	42.8	<1	6	57.6	
B74645 (497686)	4	<10	<5	165	<10	<10	<5	0.15	<5	<50	18.3	<1	8	32.4	
B74646 (497687)	34	<10	<5	248	<10	<10	<5	0.87	<5	<50	241	<1	22	89.1	
B74647 (497688)	5	<10	<5	186	<10	<10	<5	0.12	<5	<50	18.9	<1	8	37.9	
B74648 (497689)	6	<10	<5	186	<10	<10	<5	0.25	<5	<50	35.4	<1	7	47.8	
B74649 (497690)	9	<10	<5	213	<10	<10	<5	0.24	<5	<50	51.6	<1	5	53.2	
B74650 (497691)	6	<10	<5	223	<10	<10	<5	0.19	<5	<50	32.3	<1	5	46.6	
B74651 (497692)	4	<10	<5	184	<10	<10	<5	0.18	<5	<50	29.4	<1	5	42.9	
B74652 (497693)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	<0.5	<1	2	3.4	
B74653 (497694)	20	<10	<5	663	<10	<10	<5	1.72	<5	<50	250	<1	20	100	
B74654 (497695)	7	<10	<5	195	<10	<10	<5	0.18	<5	<50	36.6	<1	6	44.3	
B74655 (497696)	5	<10	<5	184	<10	<10	<5	0.18	<5	<50	28.9	<1	7	37.9	
B74656 (497697)	19	<10	<5	339	<10	<10	<5	0.13	<5	<50	57.1	<1	8	74.4	
B74657 (497698)	4	<10	<5	185	<10	<10	<5	0.15	<5	<50	20.8	<1	7	35.8	
B74658 (497699)	4	<10	<5	177	<10	<10	<5	0.16	<5	<50	20.5	<1	7	37.7	
B74659 (497700)	5	<10	<5	200	<10	<10	<5	0.21	<5	<50	32.3	<1	8	40.2	
B74660 (497701)	5	<10	<5	193	<10	<10	<5	0.21	<5	<50	33.3	<1	7	43.0	
B74661 (497702)	5	<10	<5	194	<10	<10	<5	0.22	<5	<50	34.4	<1	5	64.7	
B74662 (497703)	14	<10	<5	258	<10	<10	<5	0.12	<5	<50	48.3	<1	8	42.1	
B74663 (497704)	10	<10	<5	226	<10	<10	<5	0.14	<5	<50	44.1	<1	7	32.2	
B74664 (497705)	9	<10	<5	235	<10	<10	<5	0.18	<5	<50	40.6	<1	8	43.6	
B74665 (497706)	6	<10	<5	199	<10	<10	<5	0.19	<5	<50	34.0	<1	7	43.1	
B74666 (497707)	34	<10	<5	244	<10	<10	<5	0.85	<5	<50	235	<1	22	82.6	
B74667 (497708)	6	<10	<5	200	<10	<10	<5	0.19	<5	<50	37.7	<1	8	33.9	
B74668 (497709)	11	<10	<5	244	<10	<10	<5	0.14	<5	<50	33.6	<1	8	35.1	
B74669 (497710)	32	<10	<5	765	<10	<10	<5	0.80	<5	<50	185	<1	26	82.0	
B74670 (497711)	29	<10	<5	735	<10	<10	<5	0.77	<5	<50	177	<1	25	58.7	
B74671 (497712)	25	<10	<5	709	<10	<10	<5	0.72	<5	<50	157	<1	23	79.3	
B74672 (497713)	<1	<10	<5	72	<10	<10	<5	<0.01	<5	<50	0.9	1	2	3.6	
B74673 (497714)	10	<10	<5	276	<10	<10	<5	0.19	<5	<50	46.2	<1	8	41.2	
B74674 (497715)	5	<10	<5	217	<10	<10	<5	0.21	<5	<50	31.7	<1	7	47.9	

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## Certificate of Analysis

AGAT WORK ORDER: 19T513821

PROJECT: AGAT00768

5623 McADAM ROAD  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 03, 2019	DATE RECEIVED: Sep 04, 2019					DATE REPORTED: Sep 27, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
B74675 (497716)	5	<10	<5	176	<10	<10	<5	0.19	<5	<50	30.6	<1	8	40.9	
B74676 (497717)	6	<10	<5	230	<10	<10	<5	0.21	<5	<50	33.5	<1	7	34.1	
B74677 (497718)	15	<10	<5	226	<10	<10	<5	0.19	<5	<50	53.1	<1	6	27.2	
B74678 (497719)	15	<10	<5	231	<10	<10	<5	0.19	<5	<50	54.6	<1	6	28.0	
B74679 (497720)	6	<10	<5	194	<10	<10	<5	0.19	<5	<50	32.6	<1	8	32.3	
B74680 (497721)	14	<10	<5	271	<10	<10	<5	0.15	<5	<50	44.2	<1	10	26.9	
B74681 (497722)	28	<10	<5	326	<10	<10	<5	0.09	<5	<50	84.7	<1	7	44.9	
B74682 (497723)	18	<10	<5	245	<10	<10	<5	0.13	<5	<50	59.6	<1	10	27.2	

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AGAT WORK ORDER: 19T513821

PROJECT: AGAT00768

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 03, 2019      DATE RECEIVED: Sep 04, 2019      DATE REPORTED: Sep 27, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
B74611 (497652)				105
B74612 (497653)				<5
B74613 (497654)				101
B74614 (497655)				66
B74615 (497656)				62
B74616 (497657)				61
B74617 (497658)				76
B74618 (497659)				68
B74619 (497660)				30
B74620 (497661)				61
B74621 (497662)				55
B74622 (497663)				44
B74623 (497664)				58
B74624 (497665)				66
B74625 (497666)				42
B74626 (497667)				84
B74627 (497668)				32
B74628 (497669)				54
B74629 (497670)				59
B74630 (497671)				48
B74631 (497672)				26
B74632 (497673)				<5
B74633 (497674)				35
B74634 (497675)				38
B74635 (497676)				38
B74636 (497677)				39
B74637 (497678)				41
B74638 (497679)				47
B74639 (497680)				42
B74640 (497681)				56
B74641 (497682)				78
B74642 (497683)				170

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AGAT WORK ORDER: 19T513821

PROJECT: AGAT00768

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 03, 2019	DATE RECEIVED: Sep 04, 2019	DATE REPORTED: Sep 27, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
B74643 (497684)			62
B74644 (497685)			85
B74645 (497686)			104
B74646 (497687)			89
B74647 (497688)			92
B74648 (497689)			52
B74649 (497690)			95
B74650 (497691)			57
B74651 (497692)			45
B74652 (497693)			<5
B74653 (497694)			225
B74654 (497695)			56
B74655 (497696)			63
B74656 (497697)			33
B74657 (497698)			76
B74658 (497699)			78
B74659 (497700)			56
B74660 (497701)			57
B74661 (497702)			51
B74662 (497703)			45
B74663 (497704)			60
B74664 (497705)			73
B74665 (497706)			61
B74666 (497707)			86
B74667 (497708)			58
B74668 (497709)			52
B74669 (497710)			158
B74670 (497711)			153
B74671 (497712)			155
B74672 (497713)			<5
B74673 (497714)			50
B74674 (497715)			70

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AGAT WORK ORDER: 19T513821

PROJECT: AGAT00768

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 03, 2019      DATE RECEIVED: Sep 04, 2019      DATE REPORTED: Sep 27, 2019      SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
B74675 (497716)	54
B74676 (497717)	77
B74677 (497718)	47
B74678 (497719)	44
B74679 (497720)	63
B74680 (497721)	48
B74681 (497722)	30
B74682 (497723)	69

Comments: RDL - Reported Detection Limit  
 497652-497723 As, Sb values may be low due to digestion losses.  
 Analysis performed at AGAT Toronto (unless marked by \*)

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AGAT WORK ORDER: 19T513821

PROJECT: AGAT00768

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 03, 2019      DATE RECEIVED: Sep 04, 2019      DATE REPORTED: Sep 27, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
B74611 (497652)		0.010	
B74612 (497653)		<0.001	
B74613 (497654)		0.007	
B74614 (497655)		0.001	
B74615 (497656)		0.002	
B74616 (497657)		0.003	
B74617 (497658)		0.001	
B74618 (497659)		0.001	
B74619 (497660)		0.001	
B74620 (497661)		0.002	
B74621 (497662)		0.001	
B74622 (497663)		0.004	
B74623 (497664)		0.001	
B74624 (497665)		0.003	
B74625 (497666)		0.001	
B74626 (497667)		0.325	
B74627 (497668)		0.006	
B74628 (497669)		0.006	
B74629 (497670)		0.002	
B74630 (497671)		0.004	
B74631 (497672)		0.004	
B74632 (497673)		<0.001	
B74633 (497674)		0.005	
B74634 (497675)		0.006	
B74635 (497676)		0.004	
B74636 (497677)		0.005	
B74637 (497678)		<0.001	
B74638 (497679)		<0.001	
B74639 (497680)		<0.001	
B74640 (497681)		<0.001	
B74641 (497682)		0.001	
B74642 (497683)		0.001	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T513821

PROJECT: AGAT00768

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 03, 2019      DATE RECEIVED: Sep 04, 2019      DATE REPORTED: Sep 27, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
B74643 (497684)			0.002
B74644 (497685)			0.002
B74645 (497686)			0.002
B74646 (497687)			0.320
B74647 (497688)			0.006
B74648 (497689)			0.004
B74649 (497690)			0.020
B74650 (497691)			0.005
B74651 (497692)			0.005
B74652 (497693)			<0.001
B74653 (497694)			0.002
B74654 (497695)			0.002
B74655 (497696)			0.002
B74656 (497697)			0.006
B74657 (497698)			0.004
B74658 (497699)			0.006
B74659 (497700)			0.002
B74660 (497701)			0.002
B74661 (497702)			0.005
B74662 (497703)			0.010
B74663 (497704)			0.018
B74664 (497705)			0.183
B74665 (497706)			0.011
B74666 (497707)			0.343
B74667 (497708)			0.003
B74668 (497709)			0.003
B74669 (497710)			0.001
B74670 (497711)			0.001
B74671 (497712)			0.001
B74672 (497713)			<0.001
B74673 (497714)			0.002
B74674 (497715)			0.001

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# Certificate of Analysis

AGAT WORK ORDER: 19T513821

PROJECT: AGAT00768

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 03, 2019

DATE RECEIVED: Sep 04, 2019


DATE REPORTED: Sep 27, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
B74675 (497716)			0.001
B74676 (497717)			0.001
B74677 (497718)			0.001
B74678 (497719)			0.002
B74679 (497720)			0.004
B74680 (497721)			0.003
B74681 (497722)			0.005
B74682 (497723)			0.002

 Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T513821

PROJECT: AGAT00768

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Sep 03, 2019      DATE RECEIVED: Sep 04, 2019      DATE REPORTED: Sep 27, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
B74611 (497652)		78.33
B74621 (497662)		84.03
B74630 (497671)		87.35
B74650 (497691)		82.14
B74670 (497711)		83.38

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	497652	< 0.5	< 0.5	0.0%	497666	< 0.5	< 0.5	0.0%	497677	< 0.5	< 0.5	0.0%	497691	< 0.5	< 0.5	0.0%
Al	497652	7.59	7.74	2.0%	497666	7.89	8.21	4.0%	497677	8.35	8.64	3.4%	497691	8.14	7.96	2.2%
As	497652	3	< 1		497666	< 1	< 1	0.0%	497677	1	< 1		497691	< 1	< 1	0.0%
Ba	497652	458	444	3.1%	497666	472	493	4.4%	497677	368	382	3.7%	497691	527	534	1.3%
Be	497652	0.72	0.63	13.3%	497666	0.8	0.8	0.0%	497677	0.74	0.78	5.3%	497691	0.9	0.9	0.0%
Bi	497652	< 1	< 1	0.0%	497666	< 1	< 1	0.0%	497677	< 1	< 1	0.0%	497691	< 1	< 1	0.0%
Ca	497652	2.43	2.46	1.2%	497666	1.60	1.67	4.3%	497677	2.73	2.80	2.5%	497691	2.87	2.89	0.7%
Cd	497652	< 0.5	< 0.5	0.0%	497666	< 0.5	< 0.5	0.0%	497677	< 0.5	< 0.5	0.0%	497691	< 0.5	< 0.5	0.0%
Ce	497652	50	53	5.8%	497666	46	47	2.2%	497677	31	31	0.0%	497691	34	33	3.0%
Co	497652	6.5	7.9	19.4%	497666	8.1	8.2	1.2%	497677	6.35	6.77	6.4%	497691	7.15	8.24	14.2%
Cr	497652	152	191	22.7%	497666	174	211	19.2%	497677	126	127	0.8%	497691	162	151	7.0%
Cu	497652	3.0	2.4	22.2%	497666	< 0.5	< 0.5	0.0%	497677	14.5	16.6	13.5%	497691	5.7	5.8	1.7%
Fe	497652	2.00	2.29	13.5%	497666	2.57	2.66	3.4%	497677	1.88	1.97	4.7%	497691	2.42	2.38	1.7%
Ga	497652	21	22	4.7%	497666	22	22	0.0%	497677	22	22	0.0%	497691	22	22	0.0%
In	497652	< 1	< 1	0.0%	497666	< 1	< 1	0.0%	497677	< 1	< 1	0.0%	497691	< 1	< 1	0.0%
K	497652	1.20	1.40	15.4%	497666	1.81	1.89	4.3%	497677	1.01	1.05	3.9%	497691	1.72	1.68	2.4%
La	497652	23	23	0.0%	497666	23	23	0.0%	497677	14	15	6.9%	497691	16	15	6.5%
Li	497652	25	27	7.7%	497666	46	47	2.2%	497677	17	18	5.7%	497691	22	21	4.7%
Mg	497652	1.03	1.02	1.0%	497666	1.52	1.58	3.9%	497677	0.553	0.577	4.2%	497691	1.42	1.39	2.1%
Mn	497652	289	359	21.6%	497666	381	394	3.4%	497677	238	249	4.5%	497691	428	419	2.1%
Mo	497652	2.0	2.7	29.8%	497666	15.2	15.3	0.7%	497677	12.2	14.8	19.3%	497691	13.1	13.6	3.7%
Na	497652	1.90	1.81	4.9%	497666	2.63	2.74	4.1%	497677	2.76	2.84	2.9%	497691	2.22	2.25	1.3%
Ni	497652	7.5	7.5	0.0%	497666	8.53	8.95	4.8%	497677	5.8	6.1	5.0%	497691	10.8	11.4	5.4%
P	497652	508	432	16.2%	497666	414	428	3.3%	497677	466	451	3.3%	497691	429	453	5.4%
Pb	497652	< 20	< 20	0.0%	497666	< 20	< 20	0.0%	497677	< 20	< 20	0.0%	497691	< 20	< 20	0.0%
Rb	497652	< 50	< 50	0.0%	497666	< 50	< 50	0.0%	497677	< 50	< 50	0.0%	497691	< 50	< 50	0.0%
S	497652	0.03	0.03	0.0%	497666	0.01	0.01	0.0%	497677	0.091	0.098	7.4%	497691	0.05	0.05	0.0%
Sb	497652	< 1	< 1	0.0%	497666	< 1	< 1	0.0%	497677	< 1	< 1	0.0%	497691	< 1	< 1	0.0%
Sc	497652	5	4	22.2%	497666	5	5	0.0%	497677	4	4	0.0%	497691	6	6	0.0%
Se	497652	< 10	< 10	0.0%	497666	< 10	< 10	0.0%	497677	< 10	< 10	0.0%	497691	< 10	< 10	0.0%
Sn	497652	< 5	< 5	0.0%	497666	< 5	< 5	0.0%	497677	< 5	< 5	0.0%	497691	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	497652	188	197	4.7%	497666	191	198	3.6%	497677	200	206	3.0%	497691	223	225	0.9%
Ta	497652	< 10	< 10	0.0%	497666	< 10	< 10	0.0%	497677	< 10	< 10	0.0%	497691	< 10	< 10	0.0%
Te	497652	< 10	< 10	0.0%	497666	< 10	< 10	0.0%	497677	< 10	< 10	0.0%	497691	< 10	< 10	0.0%
Th	497652	< 5	< 5	0.0%	497666	< 5	< 5	0.0%	497677	< 5	< 5	0.0%	497691	< 5	< 5	0.0%
Ti	497652	0.191	0.181	5.4%	497666	0.25	0.26	3.9%	497677	0.173	0.180	4.0%	497691	0.19	0.19	0.0%
Tl	497652	< 5	< 5	0.0%	497666	< 5	< 5	0.0%	497677	< 5	< 5	0.0%	497691	< 5	< 5	0.0%
U	497652	< 50	< 50	0.0%	497666	< 50	< 50	0.0%	497677	< 50	< 50	0.0%	497691	< 50	< 50	0.0%
V	497652	31.8	29.2	8.5%	497666	31.6	32.8	3.7%	497677	27.6	31.0	11.6%	497691	32.3	34.7	7.2%
W	497652	< 1	< 1	0.0%	497666	< 1	< 1	0.0%	497677	< 1	< 1	0.0%	497691	< 1	< 1	0.0%
Y	497652	7	7	0.0%	497666	6	7	15.4%	497677	5	6	18.2%	497691	5	5	0.0%
Zn	497652	38.4	37.8	1.6%	497666	58.7	60.5	3.0%	497677	44.9	46.2	2.9%	497691	46.6	44.9	3.7%
Zr	497652	105	118	11.7%	497666	42	49	15.4%	497677	39	45	14.3%	497691	57	58	1.7%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	497702	< 0.5	< 0.5	0.0%	497716	< 0.5	< 0.5	0.0%								
Al	497702	8.36	8.40	0.5%	497716	7.76	8.18	5.3%								
As	497702	< 1	< 1	0.0%	497716	< 1	1									
Ba	497702	852	854	0.2%	497716	973	1020	4.7%								
Be	497702	1.2	1.2	0.0%	497716	1.0	1.0	0.0%								
Bi	497702	< 1	< 1	0.0%	497716	< 1	< 1	0.0%								
Ca	497702	2.02	1.99	1.5%	497716	2.48	2.57	3.6%								
Cd	497702	< 0.5	< 0.5	0.0%	497716	< 0.5	< 0.5	0.0%								
Ce	497702	41	48	15.7%	497716	62	65	4.7%								
Co	497702	7.32	8.09	10.0%	497716	7.36	7.18	2.5%								
Cr	497702	189	200	5.7%	497716	213	199	6.8%								
Cu	497702	< 0.5	< 0.5	0.0%	497716	3.8	4.4	14.6%								
Fe	497702	2.34	2.38	1.7%	497716	2.13	2.30	7.7%								
Ga	497702	22	22	0.0%	497716	19	21	10.0%								
In	497702	< 1	< 1	0.0%	497716	< 1	< 1	0.0%								
K	497702	1.68	1.69	0.6%	497716	1.55	1.64	5.6%								
La	497702	19	22	14.6%	497716	28	29	3.5%								
Li	497702	28	28	0.0%	497716	28	30	6.9%								
Mg	497702	1.28	1.30	1.6%	497716	0.93	0.97	4.2%								
Mn	497702	362	367	1.4%	497716	378	399	5.4%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	497702	15.0	16.6	10.1%	497716	15.8	16.5	4.3%								
Na	497702	2.46	2.45	0.4%	497716	2.40	2.52	4.9%								
Ni	497702	7.60	8.25	8.2%	497716	7.64	8.52	10.9%								
P	497702	475	485	2.1%	497716	563	589	4.5%								
Pb	497702	< 20	< 20	0.0%	497716	< 20	< 20	0.0%								
Rb	497702	< 50	< 50	0.0%	497716	< 50	< 50	0.0%								
S	497702	0.02	0.02	0.0%	497716	0.05	0.05	0.0%								
Sb	497702	< 1	< 1	0.0%	497716	< 1	< 1	0.0%								
Sc	497702	5	5	0.0%	497716	5	6	18.2%								
Se	497702	< 10	< 10	0.0%	497716	< 10	< 10	0.0%								
Sn	497702	< 5	< 5	0.0%	497716	< 5	< 5	0.0%								
Sr	497702	194	193	0.5%	497716	176	184	4.4%								
Ta	497702	< 10	< 10	0.0%	497716	< 10	< 10	0.0%								
Te	497702	< 10	< 10	0.0%	497716	< 10	< 10	0.0%								
Th	497702	< 5	< 5	0.0%	497716	< 5	< 5	0.0%								
Ti	497702	0.222	0.226	1.8%	497716	0.19	0.20	5.1%								
Tl	497702	< 5	< 5	0.0%	497716	< 5	< 5	0.0%								
U	497702	< 50	< 50	0.0%	497716	< 50	< 50	0.0%								
V	497702	34.4	35.1	2.0%	497716	30.6	32.2	5.1%								
W	497702	< 1	< 1	0.0%	497716	< 1	< 1	0.0%								
Y	497702	5	6	18.2%	497716	8	8	0.0%								
Zn	497702	64.7	68.1	5.1%	497716	40.9	46.4	12.6%								
Zr	497702	51	59	14.5%	497716	54	60	10.5%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	497652	0.010	0.010	0.0%	497666	0.001	< 0.001		497677	0.005	0.005	0.0%	497691	0.005	0.003	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	497702	0.005	0.004	22.2%	497716	0.001	0.001	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GSP5G)				CRM #2 (ref.GS6F)				CRM #3 (ref.1P5R)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	2.81	93%	90% - 110%
Al	10.95	10.74	98%	90% - 110%	8.17	8.52	104%	90% - 110%	6.96	7.1	102%	90% - 110%	4.75	5	105%	90% - 110%
As					26	24	90%	90% - 110%	124	124	100%	90% - 110%				
Ba	340	329	97%	90% - 110%	540	531	98%	90% - 110%	186	186	100%	90% - 110%	216	226	105%	90% - 110%
Be	2.6	2.5	95%	90% - 110%	4.0	2.9	73%	90% - 110%								
Ca	5.72	5.32	93%	90% - 110%	0.907	0.884	97%	90% - 110%	4.01	3.82	95%	90% - 110%	10	9	91%	90% - 110%
Ce	122	121	99%	90% - 110%	98	102	104%	90% - 110%	24	22	90%	90% - 110%				
Co	2.8	2.5	91%	90% - 110%					22.1	22.6	102%	90% - 110%	191	183	96%	90% - 110%
Cr	12	8	70%	90% - 110%	60.3	62	103%	90% - 110%					670	650	97%	90% - 110%
Cu					150	152	101%	90% - 110%	88.6	80.7	91%	90% - 110%	7120	7312	103%	90% - 110%
Fe	4.34	3.97	92%	90% - 110%	3.77	3.73	99%	90% - 110%	7.56	7.34	97%	90% - 110%	12.71	11.77	93%	90% - 110%
Ga	35	36	103%	90% - 110%												
K	1.37	1.32	96%	90% - 110%					2.021	1.984	98%	90% - 110%	0.1021	0.1073	105%	90% - 110%
La	58	54	93%	90% - 110%	44	44	100%	90% - 110%					8.47	9.01	106%	90% - 110%
Li	37	38	103%	90% - 110%	47	49	105%	90% - 110%								
Mg	0.325	0.295	91%	90% - 110%	1.10	1.1	100%	90% - 110%	2.412	2.405	100%	90% - 110%	7.41	7.1	96%	90% - 110%
Mn					780	766	98%	90% - 110%	1510	1455	96%	90% - 110%				
Mo					14	13	92%	90% - 110%								
Na	5.267	5.098	97%	90% - 110%	1.624	1.661	102%	90% - 110%	0.617	0.614	100%	90% - 110%	0.112	0.119	106%	90% - 110%
Ni	9	8	92%	90% - 110%	32	32	99%	90% - 110%	77.1	74.9	97%	90% - 110%	2480	2303	92%	90% - 110%
P					750	728	97%	90% - 110%	892	883	99%	90% - 110%	731	685	94%	90% - 110%
Pb					31	29	93%	90% - 110%								
S									0.348	0.336	97%	90% - 110%				
Sc	1.1	0.9	79%	90% - 110%	12	12	102%	90% - 110%					21.33	21.95	103%	90% - 110%
Sr	1191	1152	97%	90% - 110%	144	152	105%	90% - 110%	92.8	90.2	97%	90% - 110%	39	38	98%	90% - 110%
Ti	0.172	0.164	95%	90% - 110%	0.53	0.49	93%	90% - 110%					0.419	0.41	98%	90% - 110%
V	8	6	75%	90% - 110%	77	77	101%	90% - 110%					158	158	100%	90% - 110%
Y	119	122	103%	90% - 110%									12.67	13.43	106%	90% - 110%
Zn	93	89	96%	90% - 110%	130	122	94%	90% - 110%	208	201	97%	90% - 110%	112	107	96%	90% - 110%
Zr													35.7	34.7	97%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GSP5G)				CRM #2 (ref.GS6F)				CRM #3 (ref.1P5R)				CRM #4 (ref.GS5W)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.562	0.579	103%	90% - 110%	6.87	7.31	106%	90% - 110%	1.81	1.77	98%	90% - 110%	5.27	5.71	108%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19T513821

PROJECT: AGAT00768

ATTENTION TO: Craig Yuill

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE



CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00769

AGAT WORK ORDER: 19T513822

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 23, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T513822

PROJECT: AGAT00769

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 03, 2019      DATE RECEIVED: Sep 04, 2019      DATE REPORTED: Sep 23, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C67416 (497724)		0.67
C67417 (497725)		1.64
C67418 (497726)		1.64
C67419 (497727)		2.23
C67420 (497728)		2.31
C67421 (497729)		3.36
C67422 (497730)		2.28
C67423 (497731)		1.14
C67424 (497732)		2.51
C67425 (497733)		2.22
C67426 (497734)		0.07
C67427 (497735)		2.24
C67428 (497736)		1.54
C67429 (497737)		2.12
C67430 (497738)		2.70
C67431 (497739)		1.15
C67432 (497740)		0.64
C67433 (497741)		2.08
C67434 (497742)		2.32
C67435 (497743)		1.36
C67436 (497744)		3.29
C67437 (497745)		2.35
C67438 (497746)		2.34
C67439 (497747)		2.27
C67440 (497748)		2.14
C67441 (497749)		2.63
C67442 (497750)		1.51
C67443 (497751)		2.55
C67444 (497752)		2.06
C67445 (497753)		2.14
C67446 (497754)		0.07

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T513822

PROJECT: AGAT00769

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 03, 2019      DATE RECEIVED: Sep 04, 2019      DATE REPORTED: Sep 23, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
C67447 (497755)		1.88
C67448 (497756)		0.67
C67449 (497757)		1.92
C67450 (497758)		2.29
C67451 (497759)		2.23
C67452 (497760)		0.60
C67453 (497761)		2.23
C67454 (497762)		2.67
C67455 (497763)		0.88
C67456 (497764)		2.02
C67457 (497765)		2.86
C67458 (497766)		2.86
C67459 (497767)		3.77
C67460 (497768)		4.32
C67461 (497769)		3.54
C67462 (497770)		1.92
C67463 (497771)		1.30
C67464 (497772)		3.81
C67465 (497773)		3.91
C67466 (497774)		0.07
C67467 (497775)		4.05
C67468 (497776)		3.90
C67469 (497777)		4.18
C67470 (497778)		3.87
C67471 (497779)		1.11
C67472 (497780)		0.63
C67473 (497781)		0.99
C67474 (497782)		0.75
C67475 (497783)		0.88
C67476 (497784)		2.06
C67477 (497785)		3.98

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T513822

PROJECT: AGAT00769

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 03, 2019      DATE RECEIVED: Sep 04, 2019      DATE REPORTED: Sep 23, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
C67478 (497786)		3.98
C67479 (497787)		4.36
C67480 (497788)		3.77
C67481 (497789)		3.91
C67482 (497790)		4.23
C67483 (497791)		3.88
C67484 (497792)		3.86
C67485 (497793)		1.93
C67486 (497794)		0.07
C67487 (497795)		1.23

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T513822

PROJECT: AGAT00769

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 03, 2019	DATE RECEIVED: Sep 04, 2019							DATE REPORTED: Sep 23, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C67416 (497724)	<0.5	6.69	<1	497	3.3	<1	3.07	<0.5	84	17.5	161	19.0	3.44	21	
C67417 (497725)	<0.5	7.78	<1	541	0.8	<1	1.14	<0.5	41	5.8	65.2	5.6	2.02	23	
C67418 (497726)	<0.5	7.74	<1	546	0.8	<1	1.15	<0.5	41	5.6	70.7	5.2	1.97	23	
C67419 (497727)	<0.5	8.04	<1	648	1.0	<1	1.13	<0.5	42	5.6	65.3	5.7	2.14	22	
C67420 (497728)	<0.5	8.08	<1	735	2.4	<1	1.86	<0.5	23	4.9	48.2	10.3	1.51	20	
C67421 (497729)	<0.5	8.01	2	457	1.0	<1	1.71	<0.5	33	5.8	73.5	15.1	1.85	22	
C67422 (497730)	<0.5	8.31	<1	460	0.9	<1	1.73	<0.5	30	5.7	65.7	1.6	1.95	22	
C67423 (497731)	<0.5	8.29	<1	436	0.8	<1	1.56	<0.5	32	6.2	71.7	8.3	1.97	20	
C67424 (497732)	<0.5	8.34	<1	492	1.0	<1	1.45	<0.5	30	6.6	68.4	14.3	1.96	22	
C67425 (497733)	<0.5	7.92	3	646	1.6	<1	1.67	<0.5	30	7.3	61.9	15.4	2.13	22	
C67426 (497734)	<0.5	7.20	<1	144	<0.5	<1	6.73	<0.5	6	42.7	143	144	7.98	22	
C67427 (497735)	<0.5	7.95	<1	546	1.3	<1	1.30	<0.5	41	6.5	69.8	13.6	2.17	20	
C67428 (497736)	<0.5	7.28	<1	452	3.2	<1	1.98	<0.5	45	15.3	102	9.9	3.10	23	
C67429 (497737)	<0.5	2.95	<1	617	1.1	<1	6.34	<0.5	92	75.3	548	78.4	9.91	21	
C67430 (497738)	<0.5	3.49	<1	722	1.2	<1	6.66	<0.5	98	68.4	542	76.6	9.63	22	
C67431 (497739)	<0.5	7.92	<1	565	1.5	<1	1.52	<0.5	34	7.6	65.5	4.1	2.04	23	
C67432 (497740)	<0.5	0.08	<1	15	<0.5	<1	32.1	<0.5	2	0.6	7.1	<0.5	0.09	6	
C67433 (497741)	<0.5	8.02	<1	584	0.9	<1	1.08	<0.5	48	7.2	70.6	9.2	2.54	22	
C67434 (497742)	<0.5	7.64	<1	503	1.2	<1	1.24	<0.5	52	7.8	68.9	8.7	2.26	22	
C67435 (497743)	<0.5	3.48	<1	200	6.5	<1	7.39	<0.5	140	41.9	286	59.8	5.33	15	
C67436 (497744)	<0.5	7.68	<1	445	1.5	<1	1.45	<0.5	45	4.8	79.5	10.1	1.69	20	
C67437 (497745)	<0.5	7.62	<1	442	1.2	<1	1.74	<0.5	43	12.7	96.3	59.3	2.66	22	
C67438 (497746)	<0.5	7.87	<1	466	1.2	<1	1.68	<0.5	42	12.5	99.9	67.2	2.72	22	
C67439 (497747)	<0.5	8.11	<1	548	1.1	<1	1.30	<0.5	27	9.2	69.6	<0.5	2.59	22	
C67440 (497748)	<0.5	8.12	<1	474	0.8	<1	1.44	<0.5	35	6.8	65.5	<0.5	2.09	22	
C67441 (497749)	<0.5	7.84	<1	539	0.9	<1	1.47	<0.5	48	6.0	82.0	<0.5	2.25	21	
C67442 (497750)	<0.5	7.72	2	742	1.1	<1	1.76	<0.5	26	4.6	68.0	<0.5	1.62	19	
C67443 (497751)	<0.5	7.85	<1	636	1.0	<1	1.54	<0.5	41	5.5	17.1	<0.5	2.14	22	
C67444 (497752)	<0.5	8.06	<1	592	1.2	<1	1.73	<0.5	37	4.9	19.6	<0.5	2.03	22	
C67445 (497753)	<0.5	8.08	<1	672	1.2	<1	1.63	<0.5	40	5.5	16.3	<0.5	2.19	23	
C67446 (497754)	<0.5	7.42	<1	188	<0.5	<1	6.18	<0.5	18	41.5	170	99.3	7.54	24	
C67447 (497755)	<0.5	7.97	<1	1050	0.8	<1	1.44	<0.5	51	6.1	18.8	16.6	2.26	22	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T513822

PROJECT: AGAT00769

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 03, 2019	DATE RECEIVED: Sep 04, 2019							DATE REPORTED: Sep 23, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C67448 (497756)	<0.5	7.21	<1	763	0.8	<1	1.54	<0.5	41	6.1	71.7	<0.5	2.15	23	
C67449 (497757)	<0.5	7.91	<1	540	1.0	<1	1.59	<0.5	45	4.2	66.7	<0.5	1.81	21	
C67450 (497758)	<0.5	8.02	<1	1040	0.9	<1	1.77	<0.5	45	5.0	75.6	30.2	1.75	21	
C67451 (497759)	<0.5	7.87	<1	1610	1.1	<1	1.82	<0.5	46	4.6	75.3	<0.5	1.77	21	
C67452 (497760)	<0.5	0.09	1	18	<0.5	<1	33.2	<0.5	2	0.7	11.0	<0.5	0.08	6	
C67453 (497761)	<0.5	7.45	<1	1760	1.0	<1	2.02	<0.5	50	6.9	94.9	2.8	2.23	22	
C67454 (497762)	<0.5	7.87	<1	586	1.1	<1	2.81	<0.5	37	12.9	44.1	11.2	3.12	23	
C67455 (497763)	<0.5	8.27	<1	488	0.6	<1	4.48	<0.5	23	22.3	67.2	36.7	4.53	21	
C67456 (497764)	<0.5	8.01	<1	250	0.7	<1	8.00	<0.5	10	43.7	162	101	7.97	21	
C67457 (497765)	<0.5	7.74	<1	187	0.9	<1	7.54	<0.5	11	46.7	148	119	8.16	22	
C67458 (497766)	<0.5	8.01	<1	190	0.8	<1	7.61	<0.5	11	47.1	127	113	8.18	20	
C67459 (497767)	<0.5	7.65	<1	272	<0.5	<1	7.52	<0.5	11	46.7	108	111	8.38	20	
C67460 (497768)	<0.5	6.85	<1	552	<0.5	<1	8.64	<0.5	42	46.9	171	110	8.24	19	
C67461 (497769)	<0.5	7.44	<1	692	<0.5	<1	7.50	<0.5	28	51.3	168	103	8.53	21	
C67462 (497770)	<0.5	7.52	<1	606	<0.5	<1	7.13	<0.5	20	47.2	149	84.3	8.44	18	
C67463 (497771)	<0.5	7.95	<1	344	<0.5	<1	7.71	<0.5	13	48.2	125	88.8	8.58	22	
C67464 (497772)	<0.5	7.98	<1	319	<0.5	<1	7.93	<0.5	12	46.7	144	86.0	8.70	21	
C67465 (497773)	<0.5	7.65	<1	366	<0.5	<1	7.79	<0.5	11	47.8	165	83.4	8.25	24	
C67466 (497774)	<0.5	7.38	<1	145	<0.5	<1	6.79	<0.5	6	41.2	151	152	8.05	21	
C67467 (497775)	<0.5	7.95	<1	261	<0.5	<1	7.92	<0.5	11	46.6	189	79.0	8.08	22	
C67468 (497776)	<0.5	7.74	<1	227	<0.5	<1	7.67	<0.5	10	45.1	209	71.0	7.61	20	
C67469 (497777)	<0.5	7.79	<1	285	<0.5	<1	7.91	<0.5	10	44.0	222	77.5	7.65	21	
C67470 (497778)	<0.5	7.72	<1	725	<0.5	<1	7.80	<0.5	15	45.0	223	75.0	7.72	21	
C67471 (497779)	<0.5	4.68	<1	1040	1.0	<1	10.1	<0.5	161	53.2	433	136	10.1	26	
C67472 (497780)	<0.5	0.07	<1	16	<0.5	<1	33.1	<0.5	3	0.8	5.0	<0.5	0.10	7	
C67473 (497781)	<0.5	6.57	<1	712	<0.5	<1	8.32	<0.5	49	44.9	214	71.8	7.36	19	
C67474 (497782)	<0.5	7.23	<1	473	<0.5	<1	7.90	<0.5	25	45.9	155	66.3	7.49	23	
C67475 (497783)	<0.5	6.09	<1	637	<0.5	<1	8.04	<0.5	76	46.2	264	70.0	7.41	17	
C67476 (497784)	<0.5	7.76	<1	404	<0.5	<1	7.85	<0.5	12	43.6	132	63.8	7.40	19	
C67477 (497785)	<0.5	8.01	<1	389	<0.5	<1	8.20	<0.5	11	43.1	162	73.3	7.96	19	
C67478 (497786)	<0.5	7.68	<1	375	<0.5	<1	7.98	<0.5	11	43.6	195	69.3	7.74	20	
C67479 (497787)	<0.5	7.97	<1	301	<0.5	<1	7.98	<0.5	11	45.5	189	82.7	7.74	20	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T513822

PROJECT: AGAT00769

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 03, 2019		DATE RECEIVED: Sep 04, 2019						DATE REPORTED: Sep 23, 2019				SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
C67480 (497788)		<0.5	7.73	<1	477	0.6	<1	7.77	<0.5	9	43.1	205	73.1	7.34	19
C67481 (497789)		<0.5	7.61	<1	318	0.7	<1	7.72	<0.5	11	44.6	222	68.1	7.49	19
C67482 (497790)		<0.5	7.68	<1	339	<0.5	<1	8.00	<0.5	10	44.3	235	74.1	7.69	21
C67483 (497791)		<0.5	7.59	<1	418	<0.5	<1	7.95	<0.5	11	45.0	245	67.3	7.76	18
C67484 (497792)		<0.5	7.91	<1	289	<0.5	<1	8.22	<0.5	11	46.6	234	69.4	7.93	22
C67485 (497793)		<0.5	7.07	<1	405	1.3	<1	7.42	<0.5	12	37.0	204	55.7	6.53	19
C67486 (497794)		<0.5	7.36	<1	192	<0.5	<1	6.42	<0.5	19	41.1	182	97.9	7.81	23
C67487 (497795)		<0.5	4.14	<1	954	1.7	<1	9.23	<0.5	150	55.7	445	105	9.51	23

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 03, 2019	DATE RECEIVED: Sep 04, 2019					DATE REPORTED: Sep 23, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
C67416 (497724)	<1	1.95	40	71	3.12	511	8.6	3.36	127	996	<20	<50	0.05	<1	
C67417 (497725)	<1	1.59	21	24	0.94	233	10.5	3.75	5.6	420	<20	<50	0.06	<1	
C67418 (497726)	<1	1.58	21	24	0.90	230	11.9	3.77	5.8	416	<20	<50	0.05	<1	
C67419 (497727)	<1	1.95	21	29	1.14	251	10.4	3.91	5.4	465	<20	<50	0.05	<1	
C67420 (497728)	<1	1.94	11	13	0.69	270	9.3	4.71	7.0	498	<20	<50	0.07	<1	
C67421 (497729)	<1	1.43	17	18	0.66	266	11.5	3.78	6.3	396	<20	<50	0.09	<1	
C67422 (497730)	<1	1.52	16	25	0.73	291	10.0	3.65	5.9	399	<20	<50	0.02	<1	
C67423 (497731)	<1	1.44	16	20	0.71	284	10.5	3.90	6.4	401	<20	<50	0.08	<1	
C67424 (497732)	<1	1.69	15	16	0.75	275	10.8	3.85	6.8	367	<20	<50	0.14	<1	
C67425 (497733)	<1	1.74	15	21	0.87	316	9.7	4.01	10.3	445	<20	<50	0.12	<1	
C67426 (497734)	<1	0.20	5	12	4.15	1340	<0.5	2.22	87.5	376	<20	<50	0.14	<1	
C67427 (497735)	<1	1.73	20	23	0.93	302	13.6	3.99	8.6	426	<20	<50	0.08	<1	
C67428 (497736)	<1	1.56	22	46	2.18	425	8.1	4.01	74.5	874	<20	<50	0.04	<1	
C67429 (497737)	<1	2.47	48	123	10.8	1410	1.9	0.62	554	1710	<20	<50	0.15	<1	
C67430 (497738)	<1	2.38	50	28	9.87	1350	3.6	1.16	511	2020	<20	<50	0.16	<1	
C67431 (497739)	<1	1.41	17	27	1.03	251	8.7	4.16	11.8	549	<20	<50	0.04	<1	
C67432 (497740)	5	0.01	<2	1	2.25	52	<0.5	0.05	<0.5	77	<20	<50	<0.01	<1	
C67433 (497741)	<1	2.39	24	25	1.33	329	10.0	3.67	10.1	579	<20	<50	0.06	<1	
C67434 (497742)	<1	1.68	25	30	1.20	291	10.4	3.95	16.8	490	<20	<50	0.05	<1	
C67435 (497743)	<1	2.39	68	135	6.58	1050	2.7	2.88	287	224	<20	<50	0.04	<1	
C67436 (497744)	<1	1.36	21	20	0.81	251	14.5	4.08	11.0	562	<20	<50	0.05	<1	
C67437 (497745)	<1	1.96	22	35	1.89	405	10.0	3.60	46.0	599	<20	<50	0.17	<1	
C67438 (497746)	<1	2.03	21	33	1.83	402	12.5	3.80	40.8	622	<20	<50	0.19	<1	
C67439 (497747)	<1	2.45	14	36	1.58	413	9.5	4.07	19.3	579	<20	<50	0.01	<1	
C67440 (497748)	<1	1.80	17	20	1.07	319	10.2	3.73	7.3	436	<20	<50	0.01	<1	
C67441 (497749)	<1	1.67	23	20	1.14	295	12.3	3.50	5.2	456	<20	<50	0.01	<1	
C67442 (497750)	<1	1.59	13	11	0.76	235	12.5	3.80	8.2	406	<20	<50	0.01	<1	
C67443 (497751)	<1	1.91	21	19	0.97	269	1.3	3.49	5.7	395	<20	<50	0.02	<1	
C67444 (497752)	<1	1.36	19	14	0.73	204	1.6	3.67	4.3	391	<20	<50	0.02	<1	
C67445 (497753)	<1	1.65	20	24	0.98	271	0.9	3.63	4.6	427	<20	<50	0.01	<1	
C67446 (497754)	<1	0.45	11	10	4.12	1280	<0.5	2.21	113	839	<20	<50	0.08	<1	
C67447 (497755)	<1	1.92	24	20	1.05	279	1.2	3.29	4.6	363	<20	<50	0.04	<1	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T513822

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 03, 2019

DATE RECEIVED: Sep 04, 2019

DATE REPORTED: Sep 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
C67448 (497756)		<1	1.75	19	23	1.20	356	14.4	2.84	5.7	383	<20	<50	0.03	1
C67449 (497757)		<1	1.37	21	21	0.73	224	11.9	3.46	4.9	313	<20	<50	0.01	<1
C67450 (497758)		<1	1.15	21	14	0.60	206	13.3	3.58	5.3	358	<20	<50	0.06	<1
C67451 (497759)		<1	1.00	22	14	0.62	210	12.7	3.46	4.7	449	<20	<50	0.05	<1
C67452 (497760)		3	0.01	<2	<1	1.69	50	<0.5	0.05	<0.5	85	<20	<50	<0.01	2
C67453 (497761)		<1	1.81	24	18	1.13	414	10.2	3.39	8.3	303	<20	<50	0.05	<1
C67454 (497762)		<1	1.71	18	19	1.56	446	0.9	3.47	18.6	456	<20	<50	0.02	<1
C67455 (497763)		<1	0.95	12	10	2.57	687	<0.5	3.03	41.5	380	<20	<50	0.05	<1
C67456 (497764)		<1	0.40	7	5	4.69	1330	<0.5	1.74	85.8	237	<20	<50	0.11	<1
C67457 (497765)		<1	0.87	7	11	4.33	1360	<0.5	1.68	86.5	264	<20	<50	0.12	<1
C67458 (497766)		<1	1.03	7	10	4.48	1400	<0.5	1.64	84.8	251	<20	<50	0.11	<1
C67459 (497767)		<1	0.57	8	7	4.22	1390	<0.5	1.68	81.2	269	<20	<50	0.13	<1
C67460 (497768)		<1	1.06	23	13	5.19	1420	<0.5	1.74	128	1010	<20	<50	0.15	<1
C67461 (497769)		<1	0.56	16	7	4.97	1390	<0.5	1.62	119	505	<20	<50	0.11	<1
C67462 (497770)		<1	0.41	12	6	4.89	1350	<0.5	1.47	88.0	384	<20	<50	0.10	<1
C67463 (497771)		<1	0.36	9	3	4.40	1430	<0.5	1.61	73.6	290	<20	<50	0.10	<1
C67464 (497772)		<1	0.37	8	3	4.41	1430	<0.5	1.67	72.0	289	<20	<50	0.11	<1
C67465 (497773)		<1	0.73	7	7	4.30	1360	<0.5	1.68	74.9	257	<20	<50	0.10	<1
C67466 (497774)		<1	0.21	5	12	4.22	1370	<0.5	2.25	87.7	382	<20	<50	0.14	<1
C67467 (497775)		<1	0.43	7	5	4.62	1390	<0.5	1.69	77.2	267	<20	<50	0.09	<1
C67468 (497776)		<1	0.71	7	7	4.56	1350	<0.5	1.56	77.3	239	<20	<50	0.08	<1
C67469 (497777)		<1	0.72	7	6	4.60	1350	<0.5	1.49	76.9	238	<20	<50	0.09	<1
C67470 (497778)		<1	0.51	9	8	4.73	1350	<0.5	1.73	83.6	338	<20	<50	0.10	<1
C67471 (497779)		<1	1.99	71	19	6.67	1470	0.9	1.16	202	1670	<20	<50	0.20	<1
C67472 (497780)		3	0.02	<2	<1	1.94	56	<0.5	0.04	<0.5	74	<20	<50	<0.01	<1
C67473 (497781)		<1	0.88	25	16	5.28	1270	<0.5	1.50	133	849	<20	<50	0.10	<1
C67474 (497782)		<1	0.71	14	13	4.99	1300	<0.5	1.66	104	570	<20	<50	0.10	<1
C67475 (497783)		<1	1.15	36	14	6.21	1260	<0.5	1.33	186	1040	<20	<50	0.08	<1
C67476 (497784)		<1	0.35	8	7	4.53	1270	<0.5	1.80	73.5	254	<20	<50	0.08	<1
C67477 (497785)		<1	0.30	7	5	4.79	1360	<0.5	1.60	76.1	227	<20	<50	0.09	<1
C67478 (497786)		<1	0.28	7	5	4.64	1320	<0.5	1.55	77.1	233	<20	<50	0.09	<1
C67479 (497787)		<1	0.46	7	4	4.85	1380	<0.5	1.47	85.7	246	<20	<50	0.09	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T513822

PROJECT: AGAT00769

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 03, 2019		DATE RECEIVED: Sep 04, 2019					DATE REPORTED: Sep 23, 2019					SAMPLE TYPE: Drill Core				
Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Rb ppm	S %	Sb ppm	
C67480 (497788)		<1	0.96	6	6	4.63	1340	<0.5	1.49	79.0	240	<20	<50	0.09	<1	
C67481 (497789)		<1	0.38	7	7	4.63	1330	<0.5	1.65	78.1	252	<20	<50	0.08	<1	
C67482 (497790)		<1	0.27	7	4	4.66	1330	<0.5	1.52	79.3	227	<20	<50	0.09	<1	
C67483 (497791)		<1	0.27	7	4	4.76	1350	<0.5	1.48	79.8	231	<20	<50	0.08	<1	
C67484 (497792)		<1	0.26	7	3	4.81	1350	<0.5	1.51	79.7	242	<20	<50	0.08	<1	
C67485 (497793)		<1	1.97	7	17	4.23	1140	<0.5	1.56	77.2	428	<20	<50	0.06	<1	
C67486 (497794)		<1	0.44	11	10	4.12	1280	<0.5	2.27	110	807	<20	<50	0.08	<1	
C67487 (497795)		<1	2.32	67	28	7.08	1500	2.9	1.22	253	1840	<20	<50	0.18	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 03, 2019	DATE RECEIVED: Sep 04, 2019					DATE REPORTED: Sep 23, 2019					SAMPLE TYPE: Drill Core				
Analyte: Unit: RDL:	Sc ppm 1	Se ppm 10	Sn ppm 5	Sr ppm 1	Ta ppm 10	Te ppm 10	Th ppm 5	Ti % 0.01	Tl ppm 5	U ppm 50	V ppm 0.5	W ppm 1	Y ppm 1	Zn ppm 0.5	
C67416 (497724)	8	<10	<5	379	<10	<10	<5	0.51	<5	<50	69.0	<1	14	60.7	
C67417 (497725)	4	<10	<5	243	<10	<10	<5	0.19	<5	<50	31.3	<1	5	50.8	
C67418 (497726)	4	<10	<5	244	<10	<10	<5	0.19	<5	<50	30.9	<1	5	51.1	
C67419 (497727)	5	<10	<5	260	<10	<10	<5	0.20	<5	<50	32.4	<1	5	41.5	
C67420 (497728)	4	<10	<5	196	<10	<10	<5	0.13	<5	<50	28.1	<1	6	25.4	
C67421 (497729)	4	<10	<5	272	<10	<10	<5	0.18	<5	<50	32.1	<1	5	45.3	
C67422 (497730)	4	<10	<5	313	<10	<10	<5	0.19	<5	<50	31.9	<1	4	47.8	
C67423 (497731)	4	<10	<5	376	<10	<10	<5	0.18	<5	<50	30.1	<1	4	44.5	
C67424 (497732)	4	<10	<5	297	<10	<10	<5	0.18	<5	<50	31.7	<1	4	47.0	
C67425 (497733)	6	<10	<5	264	<10	<10	<5	0.16	<5	<50	34.8	<1	6	43.5	
C67426 (497734)	46	<10	<5	112	<10	<10	<5	0.70	<5	<50	310	<1	23	76.2	
C67427 (497735)	5	<10	<5	286	<10	<10	<5	0.18	<5	<50	30.2	<1	6	58.6	
C67428 (497736)	7	<10	<5	349	<10	<10	<5	0.38	<5	<50	67.3	<1	13	56.0	
C67429 (497737)	24	<10	<5	722	<10	<10	<5	2.02	<5	<50	299	<1	19	98.5	
C67430 (497738)	18	<10	<5	805	<10	<10	<5	2.07	<5	<50	266	<1	21	94.3	
C67431 (497739)	5	<10	<5	301	<10	<10	<5	0.21	<5	<50	40.0	<1	6	46.2	
C67432 (497740)	<1	<10	<5	72	<10	<10	<5	<0.01	<5	<50	1.1	2	2	3.6	
C67433 (497741)	5	<10	<5	272	<10	<10	<5	0.23	<5	<50	38.1	<1	5	78.1	
C67434 (497742)	6	<10	<5	328	<10	<10	<5	0.22	<5	<50	40.8	<1	7	61.8	
C67435 (497743)	20	<10	<5	750	<10	<10	<5	0.76	<5	<50	175	<1	34	43.8	
C67436 (497744)	5	<10	<5	307	<10	<10	<5	0.17	<5	<50	30.7	<1	6	41.6	
C67437 (497745)	7	<10	<5	280	<10	<10	<5	0.23	<5	<50	49.5	<1	6	59.9	
C67438 (497746)	7	<10	<5	283	<10	<10	<5	0.22	<5	<50	48.4	<1	6	61.6	
C67439 (497747)	7	<10	<5	207	<10	<10	<5	0.18	<5	<50	41.4	<1	4	52.3	
C67440 (497748)	5	<10	<5	178	<10	<10	<5	0.18	<5	<50	34.6	<1	4	40.5	
C67441 (497749)	5	<10	<5	181	<10	<10	<5	0.20	<5	<50	32.1	<1	6	41.7	
C67442 (497750)	5	<10	<5	215	<10	<10	<5	0.10	<5	<50	20.2	<1	4	30.1	
C67443 (497751)	4	<10	<5	202	<10	<10	<5	0.17	<5	<50	30.1	<1	5	45.5	
C67444 (497752)	4	<10	<5	174	<10	<10	<5	0.18	<5	<50	29.3	<1	5	43.0	
C67445 (497753)	5	<10	<5	194	<10	<10	<5	0.19	<5	<50	31.4	<1	6	42.3	
C67446 (497754)	35	<10	<5	240	<10	<10	<5	0.86	<5	<50	252	<1	23	84.8	
C67447 (497755)	5	<10	<5	225	<10	<10	<5	0.19	<5	<50	30.0	<1	6	55.4	

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## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 03, 2019	DATE RECEIVED: Sep 04, 2019					DATE REPORTED: Sep 23, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
C67448 (497756)	4	<10	<5	184	<10	<10	<5	0.14	<5	<50	25.0	<1	6	55.9	
C67449 (497757)	4	<10	<5	190	<10	<10	<5	0.16	<5	<50	26.4	<1	6	45.0	
C67450 (497758)	4	<10	<5	195	<10	<10	<5	0.16	<5	<50	24.2	<1	6	49.0	
C67451 (497759)	4	<10	<5	196	<10	<10	<5	0.16	<5	<50	25.2	<1	8	40.4	
C67452 (497760)	<1	<10	<5	72	<10	<10	<5	<0.01	<5	<50	1.0	2	4	2.6	
C67453 (497761)	5	<10	<5	195	<10	<10	<5	0.20	<5	<50	32.8	<1	8	35.4	
C67454 (497762)	12	<10	<5	252	<10	<10	<5	0.23	<5	<50	68.6	<1	9	126	
C67455 (497763)	21	<10	<5	248	<10	<10	<5	0.35	<5	<50	126	<1	9	77.5	
C67456 (497764)	44	<10	<5	178	<10	<10	<5	0.59	<5	<50	261	<1	16	69.7	
C67457 (497765)	46	<10	<5	175	<10	<10	<5	0.59	<5	<50	274	<1	18	76.3	
C67458 (497766)	46	<10	<5	178	<10	<10	<5	0.59	<5	<50	271	<1	18	76.4	
C67459 (497767)	43	<10	<5	170	<10	<10	<5	0.65	<5	<50	276	<1	18	73.6	
C67460 (497768)	38	<10	<5	386	<10	<10	<5	0.85	<5	<50	274	<1	19	67.7	
C67461 (497769)	41	<10	<5	263	<10	<10	<5	0.76	<5	<50	277	<1	18	130	
C67462 (497770)	41	<10	<5	201	<10	<10	<5	0.73	<5	<50	269	<1	18	74.2	
C67463 (497771)	44	<10	<5	176	<10	<10	<5	0.67	<5	<50	285	<1	19	71.7	
C67464 (497772)	44	<10	<5	180	<10	<10	<5	0.67	<5	<50	282	<1	18	75.3	
C67465 (497773)	48	<10	<5	182	<10	<10	<5	0.62	<5	<50	279	<1	17	74.1	
C67466 (497774)	46	<10	<5	114	<10	<10	<5	0.70	<5	<50	312	<1	23	78.3	
C67467 (497775)	46	<10	<5	173	<10	<10	<5	0.59	<5	<50	271	<1	17	71.4	
C67468 (497776)	46	<10	<5	171	<10	<10	<5	0.55	<5	<50	264	<1	16	66.9	
C67469 (497777)	48	<10	<5	177	<10	<10	<5	0.55	<5	<50	263	<1	16	72.0	
C67470 (497778)	43	<10	<5	223	<10	<10	<5	0.60	<5	<50	257	<1	16	65.4	
C67471 (497779)	32	<10	<5	791	<10	<10	<5	2.12	<5	<50	332	<1	28	98.5	
C67472 (497780)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.5	2	3	3.7	
C67473 (497781)	39	<10	<5	350	<10	<10	<5	0.87	<5	<50	247	<1	17	67.9	
C67474 (497782)	42	<10	<5	264	<10	<10	<5	0.65	<5	<50	256	<1	16	62.4	
C67475 (497783)	36	<10	<5	450	<10	<10	<5	1.10	<5	<50	238	<1	17	61.7	
C67476 (497784)	42	<10	<5	176	<10	<10	<5	0.56	<5	<50	246	<1	15	60.2	
C67477 (497785)	43	<10	<5	176	<10	<10	<5	0.59	<5	<50	253	<1	15	66.9	
C67478 (497786)	44	<10	<5	170	<10	<10	<5	0.57	<5	<50	258	<1	16	65.5	
C67479 (497787)	45	<10	<5	166	<10	<10	<5	0.56	<5	<50	260	<1	16	63.7	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T513822

PROJECT: AGAT00769

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 03, 2019		DATE RECEIVED: Sep 04, 2019					DATE REPORTED: Sep 23, 2019					SAMPLE TYPE: Drill Core			
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Sample ID (AGAT ID)															
C67480 (497788)	46	<10	<5	172	<10	<10	<5	0.53	<5	<50	254	<1	16	68.8	
C67481 (497789)	49	<10	<5	168	<10	<10	<5	0.53	<5	<50	265	<1	17	72.3	
C67482 (497790)	44	<10	<5	168	<10	<10	<5	0.56	<5	<50	256	<1	15	68.0	
C67483 (497791)	45	<10	<5	164	<10	<10	<5	0.57	<5	<50	259	<1	16	65.8	
C67484 (497792)	46	<10	<5	168	<10	<10	<5	0.59	<5	<50	273	<1	16	68.6	
C67485 (497793)	53	<10	<5	224	<10	<10	<5	0.43	<5	<50	238	<1	15	70.9	
C67486 (497794)	35	<10	<5	247	<10	<10	<5	0.89	<5	<50	247	<1	23	86.5	
C67487 (497795)	27	<10	<5	912	<10	<10	<5	1.79	<5	<50	303	<1	27	105	

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ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 03, 2019

DATE RECEIVED: Sep 04, 2019

DATE REPORTED: Sep 23, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5

Sample ID (AGAT ID)	Concentration (ppm)
C67416 (497724)	84
C67417 (497725)	32
C67418 (497726)	31
C67419 (497727)	28
C67420 (497728)	43
C67421 (497729)	45
C67422 (497730)	39
C67423 (497731)	26
C67424 (497732)	24
C67425 (497733)	34
C67426 (497734)	51
C67427 (497735)	43
C67428 (497736)	71
C67429 (497737)	174
C67430 (497738)	228
C67431 (497739)	30
C67432 (497740)	<5
C67433 (497741)	19
C67434 (497742)	42
C67435 (497743)	231
C67436 (497744)	61
C67437 (497745)	69
C67438 (497746)	66
C67439 (497747)	24
C67440 (497748)	21
C67441 (497749)	48
C67442 (497750)	32
C67443 (497751)	38
C67444 (497752)	86
C67445 (497753)	54
C67446 (497754)	95
C67447 (497755)	27

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 03, 2019      DATE RECEIVED: Sep 04, 2019      DATE REPORTED: Sep 23, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C67448 (497756)				42
C67449 (497757)				47
C67450 (497758)				64
C67451 (497759)				69
C67452 (497760)				<5
C67453 (497761)				72
C67454 (497762)				46
C67455 (497763)				35
C67456 (497764)				46
C67457 (497765)				49
C67458 (497766)				47
C67459 (497767)				47
C67460 (497768)				85
C67461 (497769)				60
C67462 (497770)				53
C67463 (497771)				48
C67464 (497772)				44
C67465 (497773)				43
C67466 (497774)				53
C67467 (497775)				40
C67468 (497776)				36
C67469 (497777)				38
C67470 (497778)				45
C67471 (497779)				161
C67472 (497780)				<5
C67473 (497781)				81
C67474 (497782)				53
C67475 (497783)				99
C67476 (497784)				39
C67477 (497785)				38
C67478 (497786)				39
C67479 (497787)				37

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CLIENT NAME: GOLDCORP BORDEN LIMITED

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 03, 2019      DATE RECEIVED: Sep 04, 2019      DATE REPORTED: Sep 23, 2019      SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
Sample ID (AGAT ID)	RDL:
	5
C67480 (497788)	44
C67481 (497789)	38
C67482 (497790)	35
C67483 (497791)	38
C67484 (497792)	38
C67485 (497793)	36
C67486 (497794)	89
C67487 (497795)	77

Comments: RDL - Reported Detection Limit  
 497724-497795 As, Sb values may be low due to digestion losses.  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



# Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 03, 2019


DATE RECEIVED: Sep 04, 2019

DATE REPORTED: Sep 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C67416 (497724)			0.004
C67417 (497725)			0.005
C67418 (497726)			0.003
C67419 (497727)			0.015
C67420 (497728)			0.005
C67421 (497729)			0.014
C67422 (497730)			0.003
C67423 (497731)			0.007
C67424 (497732)			0.023
C67425 (497733)			0.032
C67426 (497734)			0.527
C67427 (497735)			0.009
C67428 (497736)			0.002
C67429 (497737)			0.002
C67430 (497738)			0.002
C67431 (497739)			0.002
C67432 (497740)			0.002
C67433 (497741)			0.005
C67434 (497742)			0.005
C67435 (497743)			0.002
C67436 (497744)			0.004
C67437 (497745)			0.014
C67438 (497746)			0.018
C67439 (497747)			0.006
C67440 (497748)			0.002
C67441 (497749)			0.002
C67442 (497750)			0.001
C67443 (497751)			0.002
C67444 (497752)			<0.001
C67445 (497753)			0.002
C67446 (497754)			0.345
C67447 (497755)			0.016

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 03, 2019      DATE RECEIVED: Sep 04, 2019      DATE REPORTED: Sep 23, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
C67448 (497756)		0.162	
C67449 (497757)		0.003	
C67450 (497758)		0.002	
C67451 (497759)		0.004	
C67452 (497760)		0.002	
C67453 (497761)		0.001	
C67454 (497762)		0.015	
C67455 (497763)		0.005	
C67456 (497764)		0.002	
C67457 (497765)		0.003	
C67458 (497766)		0.002	
C67459 (497767)		0.001	
C67460 (497768)		0.002	
C67461 (497769)		0.005	
C67462 (497770)		0.002	
C67463 (497771)		0.001	
C67464 (497772)		0.003	
C67465 (497773)		0.003	
C67466 (497774)		0.531	
C67467 (497775)		0.002	
C67468 (497776)		0.001	
C67469 (497777)		0.001	
C67470 (497778)		0.001	
C67471 (497779)		0.002	
C67472 (497780)		0.001	
C67473 (497781)		0.001	
C67474 (497782)		0.002	
C67475 (497783)		0.002	
C67476 (497784)		0.002	
C67477 (497785)		0.001	
C67478 (497786)		0.002	
C67479 (497787)		0.003	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T513822

PROJECT: AGAT00769

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 03, 2019      DATE RECEIVED: Sep 04, 2019      DATE REPORTED: Sep 23, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C67480 (497788)			0.002
C67481 (497789)			0.001
C67482 (497790)			0.001
C67483 (497791)			<0.001
C67484 (497792)			0.002
C67485 (497793)			0.002
C67486 (497794)			0.337
C67487 (497795)			0.001

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T513822

PROJECT: AGAT00769

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Sep 03, 2019	DATE RECEIVED: Sep 04, 2019	DATE REPORTED: Sep 23, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
C67416 (497724)		84.91
C67435 (497743)		82.07
C67455 (497763)		78.68
C67475 (497783)		89.26

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T513822

PROJECT: AGAT00769

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Sep 03, 2019

DATE RECEIVED: Sep 04, 2019

DATE REPORTED: Sep 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
C67416 (497724)		89.61
C67454 (497762)		87.05

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	497724	< 0.5	< 0.5	0.0%	497738	< 0.5	< 0.5	0.0%	497749	< 0.5	< 0.5	0.0%	497763	< 0.5	< 0.5	0.0%
Al	497724	6.69	6.70	0.1%	497738	3.49	3.41	2.3%	497749	7.84	7.76	1.0%	497763	8.27	8.29	0.2%
As	497724	< 1	< 1	0.0%	497738	< 1	< 1	0.0%	497749	< 1	< 1	0.0%	497763	< 1	< 1	0.0%
Ba	497724	497	498	0.2%	497738	722	708	2.0%	497749	539	526	2.4%	497763	488	482	1.2%
Be	497724	3.31	2.92	12.5%	497738	1.2	1.1	8.7%	497749	0.9	0.9	0.0%	497763	0.6	0.6	0.0%
Bi	497724	< 1	< 1	0.0%	497738	< 1	< 1	0.0%	497749	< 1	< 1	0.0%	497763	< 1	< 1	0.0%
Ca	497724	3.07	2.92	5.0%	497738	6.66	6.59	1.1%	497749	1.47	1.42	3.5%	497763	4.48	4.43	1.1%
Cd	497724	< 0.5	< 0.5	0.0%	497738	< 0.5	< 0.5	0.0%	497749	< 0.5	< 0.5	0.0%	497763	< 0.5	< 0.5	0.0%
Ce	497724	84	76	10.0%	497738	98	99	1.0%	497749	48	48	0.0%	497763	23	25	8.3%
Co	497724	17.5	16.6	5.3%	497738	68.4	68.2	0.3%	497749	6.0	6.5	8.0%	497763	22.3	22.7	1.8%
Cr	497724	161	156	3.2%	497738	542	526	3.0%	497749	82.0	91.2	10.6%	497763	67.2	68.1	1.3%
Cu	497724	19.0	17.5	8.2%	497738	76.6	74.2	3.2%	497749	< 0.5	< 0.5	0.0%	497763	36.7	35.8	2.5%
Fe	497724	3.44	3.27	5.1%	497738	9.63	9.51	1.3%	497749	2.25	2.22	1.3%	497763	4.53	4.52	0.2%
Ga	497724	21	21	0.0%	497738	22	23	4.4%	497749	21	22	4.7%	497763	21	22	4.7%
In	497724	< 1	< 1	0.0%	497738	< 1	< 1	0.0%	497749	< 1	< 1	0.0%	497763	< 1	< 1	0.0%
K	497724	1.95	1.89	3.1%	497738	2.38	2.33	2.1%	497749	1.67	1.65	1.2%	497763	0.953	0.965	1.3%
La	497724	40	37	7.8%	497738	50	51	2.0%	497749	23	23	0.0%	497763	12	13	8.0%
Li	497724	71	63	11.9%	497738	28	28	0.0%	497749	20	20	0.0%	497763	10	10	0.0%
Mg	497724	3.12	2.90	7.3%	497738	9.87	9.77	1.0%	497749	1.14	1.12	1.8%	497763	2.57	2.57	0.0%
Mn	497724	511	481	6.0%	497738	1350	1330	1.5%	497749	295	292	1.0%	497763	687	689	0.3%
Mo	497724	8.61	9.91	14.0%	497738	3.62	3.75	3.5%	497749	12.3	12.7	3.2%	497763	< 0.5	< 0.5	0.0%
Na	497724	3.36	3.31	1.5%	497738	1.16	1.15	0.9%	497749	3.50	3.30	5.9%	497763	3.03	3.02	0.3%
Ni	497724	127	117	8.2%	497738	511	511	0.0%	497749	5.2	5.6	7.4%	497763	41.5	41.5	0.0%
P	497724	996	918	8.2%	497738	2020	2010	0.5%	497749	456	498	8.8%	497763	380	386	1.6%
Pb	497724	< 20	< 20	0.0%	497738	< 20	< 20	0.0%	497749	< 20	< 20	0.0%	497763	< 20	< 20	0.0%
Rb	497724	< 50	< 50	0.0%	497738	< 50	< 50	0.0%	497749	< 50	< 50	0.0%	497763	< 50	< 50	0.0%
S	497724	0.05	0.05	0.0%	497738	0.160	0.155	3.2%	497749	0.01	0.01	0.0%	497763	0.046	0.044	4.4%
Sb	497724	< 1	< 1	0.0%	497738	< 1	< 1	0.0%	497749	< 1	< 1	0.0%	497763	< 1	< 1	0.0%
Sc	497724	8	8	0.0%	497738	18	18	0.0%	497749	5	5	0.0%	497763	21	21	0.0%
Se	497724	< 10	< 10	0.0%	497738	< 10	< 10	0.0%	497749	< 10	< 10	0.0%	497763	< 10	< 10	0.0%
Sn	497724	< 5	< 5	0.0%	497738	< 5	< 5	0.0%	497749	< 5	< 5	0.0%	497763	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	497724	379	356	6.3%	497738	805	780	3.2%	497749	181	176	2.8%	497763	248	243	2.0%
Ta	497724	< 10	< 10	0.0%	497738	< 10	< 10	0.0%	497749	< 10	< 10	0.0%	497763	< 10	< 10	0.0%
Te	497724	< 10	< 10	0.0%	497738	< 10	< 10	0.0%	497749	< 10	< 10	0.0%	497763	< 10	< 10	0.0%
Th	497724	< 5	< 5	0.0%	497738	< 5	< 5	0.0%	497749	< 5	< 5	0.0%	497763	< 5	< 5	0.0%
Ti	497724	0.51	0.45	12.5%	497738	2.07	2.04	1.5%	497749	0.196	0.193	1.5%	497763	0.35	0.35	0.0%
Tl	497724	< 5	< 5	0.0%	497738	< 5	< 5	0.0%	497749	< 5	< 5	0.0%	497763	< 5	< 5	0.0%
U	497724	< 50	< 50	0.0%	497738	< 50	< 50	0.0%	497749	< 50	< 50	0.0%	497763	< 50	< 50	0.0%
V	497724	69.0	64.7	6.4%	497738	266	266	0.0%	497749	32.1	33.9	5.5%	497763	126	128	1.6%
W	497724	< 1	< 1	0.0%	497738	< 1	< 1	0.0%	497749	< 1	< 1	0.0%	497763	< 1	< 1	0.0%
Y	497724	14	13	7.4%	497738	21	21	0.0%	497749	6	7	15.4%	497763	9	10	10.5%
Zn	497724	60.7	59.7	1.7%	497738	94.3	94.7	0.4%	497749	41.7	40.9	1.9%	497763	77.5	75.3	2.9%
Zr	497724	84	73	14.0%	497738	228	223	2.2%	497749	48	50	4.1%	497763	35	34	2.9%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	497775	< 0.5	< 0.5	0.0%	497788	< 0.5	< 0.5	0.0%								
Al	497775	7.95	7.98	0.4%	497788	7.73	7.49	3.2%								
As	497775	< 1	< 1	0.0%	497788	< 1	< 1	0.0%								
Ba	497775	261	252	3.5%	497788	477	473	0.8%								
Be	497775	< 0.5	< 0.5	0.0%	497788	0.59	0.53	10.7%								
Bi	497775	< 1	< 1	0.0%	497788	< 1	< 1	0.0%								
Ca	497775	7.92	7.82	1.3%	497788	7.77	7.79	0.3%								
Cd	497775	< 0.5	< 0.5	0.0%	497788	< 0.5	< 0.5	0.0%								
Ce	497775	11	11	0.0%	497788	9	9	0.0%								
Co	497775	46.6	43.8	6.2%	497788	43.1	41.9	2.8%								
Cr	497775	189	175	7.7%	497788	205	197	4.0%								
Cu	497775	79.0	84.6	6.8%	497788	73.1	72.0	1.5%								
Fe	497775	8.08	7.96	1.5%	497788	7.34	7.35	0.1%								
Ga	497775	22	21	4.7%	497788	19	23	19.0%								
In	497775	< 1	< 1	0.0%	497788	< 1	< 1	0.0%								
K	497775	0.431	0.436	1.2%	497788	0.96	0.95	1.0%								
La	497775	7	7	0.0%	497788	6	6	0.0%								
Li	497775	5	5	0.0%	497788	6	6	0.0%								
Mg	497775	4.62	4.56	1.3%	497788	4.63	4.53	2.2%								
Mn	497775	1390	1390	0.0%	497788	1340	1300	3.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	497775	< 0.5	< 0.5	0.0%	497788	< 0.5	< 0.5	0.0%								
Na	497775	1.69	1.71	1.2%	497788	1.49	1.49	0.0%								
Ni	497775	77.2	75.6	2.1%	497788	79.0	75.4	4.7%								
P	497775	267	264	1.1%	497788	240	246	2.5%								
Pb	497775	< 20	< 20	0.0%	497788	< 20	< 20	0.0%								
Rb	497775	< 50	< 50	0.0%	497788	< 50	< 50	0.0%								
S	497775	0.093	0.099	6.3%	497788	0.086	0.082	4.8%								
Sb	497775	< 1	< 1	0.0%	497788	< 1	< 1	0.0%								
Sc	497775	46	45	2.2%	497788	46	45	2.2%								
Se	497775	< 10	< 10	0.0%	497788	< 10	< 10	0.0%								
Sn	497775	< 5	< 5	0.0%	497788	< 5	< 5	0.0%								
Sr	497775	173	172	0.6%	497788	172	173	0.6%								
Ta	497775	< 10	< 10	0.0%	497788	< 10	< 10	0.0%								
Te	497775	< 10	< 10	0.0%	497788	< 10	< 10	0.0%								
Th	497775	< 5	< 5	0.0%	497788	< 5	< 5	0.0%								
Ti	497775	0.59	0.59	0.0%	497788	0.53	0.53	0.0%								
Tl	497775	< 5	< 5	0.0%	497788	< 5	< 5	0.0%								
U	497775	< 50	< 50	0.0%	497788	< 50	< 50	0.0%								
V	497775	271	263	3.0%	497788	254	251	1.2%								
W	497775	< 1	< 1	0.0%	497788	< 1	< 1	0.0%								
Y	497775	17	17	0.0%	497788	16	16	0.0%								
Zn	497775	71.4	73.2	2.5%	497788	68.8	67.0	2.7%								
Zr	497775	40	40	0.0%	497788	44	42	4.7%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	497724	0.004	0.004	0.0%	497738	0.0015	0.0014	6.9%	497749	0.002	0.004		497763	0.005	0.003	
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	497775	0.002	0.002	0.0%	497788	0.0022	0.0026	16.7%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS4H)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP7M)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	2.93	97%	90% - 110%
Al	10.95	10.79	99%	90% - 110%	8.17	8.19	100%	90% - 110%	6.96	7.16	103%	90% - 110%	4.75	4.79	101%	90% - 110%
As					26	25	96%	90% - 110%	124	116	94%	90% - 110%				
Ba	340	325	95%	90% - 110%	540	507	94%	90% - 110%	186	189	101%	90% - 110%	216	213	99%	90% - 110%
Be	2.6	2.5	97%	90% - 110%	4.0	2.9	72%	90% - 110%								
Ca	5.72	5.48	96%	90% - 110%	0.907	0.878	97%	90% - 110%	4.01	3.99	100%	90% - 110%	10	9	91%	90% - 110%
Ce	122	117	96%	90% - 110%	98	96	97%	90% - 110%	24	23	95%	90% - 110%				
Co	2.8	2.3	82%	90% - 110%					22.1	20.7	94%	90% - 110%	191	176	92%	90% - 110%
Cr					60.3	63.4	105%	90% - 110%					670	626	94%	90% - 110%
Cu					150	147	98%	90% - 110%	88.6	85.4	96%	90% - 110%	7120	7184	101%	90% - 110%
Fe	4.34	4.08	94%	90% - 110%	3.77	3.67	97%	90% - 110%	7.56	7.54	100%	90% - 110%	12.71	11.61	91%	90% - 110%
Ga	35	34	98%	90% - 110%												
K	1.37	1.44	105%	90% - 110%					2.021	2.165	107%	90% - 110%	0.1021	0.1074	105%	90% - 110%
La	58	55	94%	90% - 110%	44	43	97%	90% - 110%					8.47	9.81	116%	90% - 110%
Li	37	38	104%	90% - 110%	47	47	100%	90% - 110%								
Mg	0.325	0.295	91%	90% - 110%	1.10	1.05	96%	90% - 110%	2.412	2.395	99%	90% - 110%	7.41	6.91	93%	90% - 110%
Mn					780	732	94%	90% - 110%	1510	1454	96%	90% - 110%				
Mo					14	13	95%	90% - 110%								
Na	5.267	5.162	98%	90% - 110%	1.624	1.597	98%	90% - 110%	0.617	0.635	103%	90% - 110%	0.112	0.113	101%	90% - 110%
Ni					32	32	100%	90% - 110%	77.1	71.3	93%	90% - 110%	2480	2317	93%	90% - 110%
P					750	688	92%	90% - 110%	892	853	96%	90% - 110%	731	706	97%	90% - 110%
Pb					31	29	93%	90% - 110%								
S									0.348	0.318	91%	90% - 110%				
Sc	1.1	0.9	78%	90% - 110%	12	13	104%	90% - 110%					21.33	21.83	102%	90% - 110%
Sr	1191	1150	97%	90% - 110%	144	145	101%	90% - 110%	92.8	92.1	99%	90% - 110%	39	36	93%	90% - 110%
Ti	0.172	0.17	99%	90% - 110%	0.53	0.48	90%	90% - 110%					0.419	0.408	97%	90% - 110%
V	8	7	87%	90% - 110%	77	82	106%	90% - 110%					158	163	103%	90% - 110%
Y	119	122	103%	90% - 110%									12.67	13.43	106%	90% - 110%
Zn	93	90	96%	90% - 110%	130	117	90%	90% - 110%	208	219	105%	90% - 110%	112	103	92%	90% - 110%
Zr													35.7	35.4	99%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS4H)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP7M)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.01	4.95	99%	90% - 110%	6.87	7.2	105%	90% - 110%	0.725	0.772	106%	90% - 110%	0.562	0.570	101%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00769  
 SAMPLING SITE:

AGAT WORK ORDER: 19T513822  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00770

AGAT WORK ORDER: 19T513823

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 23, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T513823

PROJECT: AGAT00770

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 03, 2019      DATE RECEIVED: Sep 04, 2019      DATE REPORTED: Sep 23, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
B74683 (497796)		0.79
B74684 (497797)		1.60
B74685 (497798)		2.18
B74686 (497799)		0.07
B74687 (497800)		2.19
B74688 (497801)		1.73
B74689 (497802)		0.76
B74690 (497803)		0.73
B74691 (497804)		1.04
B74692 (497805)		0.57
B74693 (497806)		1.96
B74694 (497807)		0.91
B74695 (497808)		1.30
B74696 (497809)		1.97
B74697 (497810)		1.92
B74698 (497811)		1.92
B74699 (497812)		0.80
B74700 (497813)		1.08
B74701 (497814)		1.14
B74702 (497815)		1.59
B74703 (497816)		2.11
B74704 (497817)		1.54
B74705 (497818)		1.29
B74706 (497819)		0.07
B74707 (497820)		1.04
B74708 (497821)		1.41
B74709 (497822)		1.20
B74710 (497823)		1.88
B74711 (497824)		1.61
B74712 (497825)		0.60
B74713 (497826)		1.25

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T513823

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 03, 2019      DATE RECEIVED: Sep 04, 2019      DATE REPORTED: Sep 23, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
B74714 (497827)		1.16
B74715 (497828)		1.24
B74716 (497829)		1.90
B74717 (497830)		2.55
B74718 (497831)		2.55
B74719 (497832)		1.49
B74720 (497833)		1.25
B74721 (497834)		2.48
B74722 (497835)		1.74
B74723 (497836)		1.96
B74724 (497837)		2.19
B74725 (497838)		1.96
B74726 (497839)		0.07
B74727 (497840)		1.73
B74728 (497841)		0.95
B74729 (497842)		1.80
B74730 (497843)		1.64
B74731 (497844)		2.00
B74732 (497845)		0.59
B74733 (497846)		0.88
B74734 (497847)		2.18
B74735 (497848)		1.13
B74736 (497849)		0.92
B74737 (497850)		1.83
B74738 (497851)		1.83
B74739 (497852)		2.21
B74740 (497853)		2.18
B74741 (497854)		2.46
B74742 (497855)		2.25
B74743 (497856)		2.36
B74744 (497857)		1.54

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## Certificate of Analysis

AGAT WORK ORDER: 19T513823

PROJECT: AGAT00770

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 03, 2019      DATE RECEIVED: Sep 04, 2019      DATE REPORTED: Sep 23, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
B74745 (497858)		1.74
B74746 (497859)		0.07
B74747 (497860)		1.31
B74748 (497861)		2.19
B74749 (497862)		2.34
B74750 (497863)		2.24
B74751 (497864)		2.18
B74752 (497865)		0.59
B74753 (497866)		2.01
B74754 (497867)		1.21

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T513823

PROJECT: AGAT00770

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 03, 2019	DATE RECEIVED: Sep 04, 2019							DATE REPORTED: Sep 23, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
B74683 (497796)	<0.5	4.78	<1	334	2.4	<1	8.69	<0.5	66	12.4	47.3	5.5	4.29	8	
B74684 (497797)	<0.5	7.35	<1	789	2.1	<1	3.92	<0.5	28	10.0	30.3	7.5	3.13	15	
B74685 (497798)	<0.5	7.14	1	990	1.9	<1	3.28	<0.5	34	7.4	26.3	21.1	2.61	16	
B74686 (497799)	<0.5	7.45	<1	188	0.6	<1	6.50	<0.5	21	39.2	156	102	7.63	18	
B74687 (497800)	<0.5	6.39	2	846	1.9	<1	3.71	<0.5	33	7.1	29.8	<0.5	2.73	14	
B74688 (497801)	<0.5	5.51	2	613	1.6	<1	6.57	<0.5	29	8.0	44.3	<0.5	3.61	12	
B74689 (497802)	<0.5	5.77	5	828	1.8	<1	5.04	<0.5	22	11.8	85.4	8.1	3.01	14	
B74690 (497803)	<0.5	2.03	9	220	0.6	<1	13.2	0.5	23	32.8	156	8.5	6.95	8	
B74691 (497804)	<0.5	6.81	3	1280	2.2	<1	1.39	<0.5	45	3.0	16.3	0.5	1.85	15	
B74692 (497805)	<0.5	0.10	<1	19	<0.5	<1	33.0	<0.5	<1	1.0	7.4	<0.5	0.23	<5	
B74693 (497806)	<0.5	6.94	<1	1360	2.0	<1	2.38	<0.5	35	4.3	22.4	1.0	2.24	16	
B74694 (497807)	<0.5	4.53	<1	702	1.7	<1	7.60	<0.5	44	12.9	53.7	<0.5	4.54	10	
B74695 (497808)	<0.5	7.36	<1	977	1.2	<1	2.72	<0.5	42	6.7	13.8	17.3	2.93	18	
B74696 (497809)	<0.5	8.02	<1	708	1.2	<1	2.48	<0.5	34	5.1	10.7	15.4	2.29	18	
B74697 (497810)	<0.5	7.09	2	396	1.2	<1	1.83	<0.5	51	2.9	9.8	1.7	1.72	16	
B74698 (497811)	<0.5	6.95	1	375	1.1	<1	1.78	<0.5	49	3.1	11.9	1.3	1.80	17	
B74699 (497812)	<0.5	6.49	1	636	1.6	<1	2.26	<0.5	49	5.0	17.7	<0.5	2.25	14	
B74700 (497813)	<0.5	7.00	3	627	1.3	<1	1.59	<0.5	49	3.2	11.4	5.6	1.79	16	
B74701 (497814)	<0.5	6.34	1	479	1.2	<1	1.54	<0.5	44	2.1	10.4	<0.5	1.62	14	
B74702 (497815)	<0.5	6.65	<1	1090	1.8	<1	2.44	<0.5	42	3.7	18.6	<0.5	1.96	15	
B74703 (497816)	<0.5	7.32	2	853	1.3	<1	1.63	<0.5	47	3.5	10.4	<0.5	2.09	16	
B74704 (497817)	<0.5	6.17	<1	1690	1.8	<1	3.70	<0.5	31	6.6	30.8	2.3	2.69	14	
B74705 (497818)	<0.5	6.97	2	1370	1.7	<1	2.14	<0.5	44	4.3	11.7	9.2	2.09	16	
B74706 (497819)	<0.5	7.42	<1	188	0.6	<1	6.36	<0.5	21	38.8	148	103	7.50	18	
B74707 (497820)	<0.5	5.79	<1	1810	1.5	<1	4.31	<0.5	50	7.1	35.3	1.6	3.05	13	
B74708 (497821)	<0.5	5.97	6	1080	1.6	<1	2.36	<0.5	49	4.9	34.2	9.4	1.95	15	
B74709 (497822)	<0.5	2.67	12	311	4.1	<1	7.21	0.7	156	45.7	307	68.5	5.87	8	
B74710 (497823)	<0.5	6.34	3	1570	1.5	<1	2.23	<0.5	45	3.6	17.9	4.3	1.89	14	
B74711 (497824)	<0.5	6.76	3	977	1.5	<1	1.91	<0.5	46	2.5	12.3	5.7	1.63	15	
B74712 (497825)	<0.5	0.07	<1	15	<0.5	<1	33.0	<0.5	<1	<0.5	3.4	<0.5	0.10	<5	
B74713 (497826)	<0.5	6.81	<1	1120	1.5	<1	2.32	<0.5	46	4.2	15.2	12.9	1.94	15	
B74714 (497827)	<0.5	6.84	6	1490	2.1	<1	4.04	<0.5	38	11.6	50.2	18.7	2.76	16	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T513823

PROJECT: AGAT00770

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 03, 2019	DATE RECEIVED: Sep 04, 2019							DATE REPORTED: Sep 23, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
B74715 (497828)	<0.5	4.75	9	1290	3.1	<1	4.52	<0.5	54	24.0	138	35.3	4.02	12	
B74716 (497829)	<0.5	6.88	3	2140	1.4	<1	1.70	<0.5	58	1.3	14.4	15.1	1.61	15	
B74717 (497830)	<0.5	7.36	<1	1810	1.4	<1	1.78	<0.5	35	5.4	17.2	8.5	2.27	16	
B74718 (497831)	<0.5	7.22	2	1790	1.4	<1	1.74	<0.5	32	5.0	16.4	7.9	2.29	16	
B74719 (497832)	<0.5	7.64	<1	2160	1.3	<1	1.93	<0.5	24	11.9	22.4	34.4	3.73	16	
B74720 (497833)	<0.5	7.53	<1	2130	2.1	<1	2.14	<0.5	28	9.4	32.7	32.8	3.17	15	
B74721 (497834)	<0.5	2.57	5	152	5.6	<1	8.48	0.5	110	47.9	373	57.6	6.20	9	
B74722 (497835)	<0.5	8.10	<1	832	1.0	<1	1.52	<0.5	30	13.8	19.0	35.8	3.61	17	
B74723 (497836)	<0.5	7.97	<1	842	0.9	<1	1.65	<0.5	29	11.0	20.1	14.0	3.27	16	
B74724 (497837)	<0.5	7.80	<1	362	1.0	<1	1.73	<0.5	30	13.0	27.3	22.1	3.37	16	
B74725 (497838)	<0.5	7.95	<1	860	1.3	<1	1.40	<0.5	40	8.6	12.1	17.0	2.91	18	
B74726 (497839)	<0.5	7.19	<1	143	<0.5	<1	6.77	<0.5	9	41.6	134	149	7.77	16	
B74727 (497840)	<0.5	7.95	<1	1010	1.2	<1	1.58	<0.5	47	6.9	13.0	10.2	2.82	17	
B74728 (497841)	<0.5	6.20	<1	592	1.1	<1	1.14	<0.5	32	3.2	10.5	<0.5	1.92	13	
B74729 (497842)	<0.5	7.20	<1	814	1.3	<1	1.60	<0.5	46	9.4	29.3	3.1	3.03	16	
B74730 (497843)	<0.5	7.74	<1	603	0.9	<1	1.25	<0.5	46	5.3	9.9	11.6	2.25	19	
B74731 (497844)	<0.5	6.61	4	1130	1.5	<1	2.49	<0.5	169	8.3	20.9	8.6	2.70	17	
B74732 (497845)	<0.5	0.14	<1	25	<0.5	<1	31.7	<0.5	<1	1.1	1.9	6.3	0.20	<5	
B74733 (497846)	<0.5	7.71	2	736	1.1	<1	1.89	<0.5	32	5.2	12.3	19.7	2.23	19	
B74734 (497847)	<0.5	7.74	<1	750	0.9	<1	1.92	<0.5	79	4.5	10.2	1.6	2.14	18	
B74735 (497848)	<0.5	7.77	1	823	1.5	<1	1.47	<0.5	45	4.3	10.9	6.4	2.24	19	
B74736 (497849)	<0.5	6.63	3	926	1.1	<1	1.82	<0.5	192	6.6	14.5	8.4	2.20	15	
B74737 (497850)	<0.5	7.85	<1	819	0.8	<1	1.20	<0.5	48	5.1	10.6	5.8	2.41	18	
B74738 (497851)	<0.5	7.75	<1	804	0.8	<1	1.17	<0.5	43	5.2	10.2	6.8	2.42	19	
B74739 (497852)	<0.5	7.13	2	755	1.2	<1	1.59	<0.5	186	4.7	11.6	13.1	2.33	17	
B74740 (497853)	<0.5	7.72	<1	806	1.3	<1	2.00	<0.5	34	5.7	13.1	15.7	2.39	18	
B74741 (497854)	<0.5	7.93	<1	609	1.2	<1	2.75	<0.5	46	6.7	17.6	<0.5	2.63	17	
B74742 (497855)	<0.5	7.65	<1	459	0.9	<1	1.94	<0.5	43	8.0	19.4	<0.5	2.61	17	
B74743 (497856)	<0.5	7.81	<1	643	1.0	<1	1.23	<0.5	46	7.4	19.2	24.0	2.73	16	
B74744 (497857)	<0.5	7.26	<1	583	1.3	<1	1.28	<0.5	51	8.9	40.2	31.2	2.78	16	
B74745 (497858)	<0.5	6.37	<1	1120	1.1	<1	4.03	<0.5	28	9.5	55.5	28.2	3.11	15	
B74746 (497859)	<0.5	7.16	<1	139	<0.5	<1	6.54	<0.5	10	39.4	146	152	7.62	16	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T513823

PROJECT: AGAT00770

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 03, 2019		DATE RECEIVED: Sep 04, 2019						DATE REPORTED: Sep 23, 2019				SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
B74747 (497860)		<0.5	7.84	<1	1000	1.1	<1	1.94	<0.5	36	4.6	12.6	4.5	2.12	17
B74748 (497861)		<0.5	7.42	<1	679	1.3	<1	1.94	<0.5	70	7.2	17.8	0.7	2.69	16
B74749 (497862)		<0.5	7.63	<1	906	1.1	<1	1.29	<0.5	44	4.1	9.3	15.4	2.13	18
B74750 (497863)		<0.5	7.76	<1	628	1.1	<1	1.27	<0.5	42	4.4	9.8	8.1	2.06	20
B74751 (497864)		<0.5	7.51	<1	842	1.2	<1	1.77	<0.5	62	4.9	12.1	11.7	2.19	18
B74752 (497865)		<0.5	0.10	<1	20	<0.5	<1	31.1	<0.5	<1	0.9	1.4	1.3	0.12	<5
B74753 (497866)		<0.5	7.56	1	1010	1.0	<1	2.00	<0.5	104	4.3	10.1	2.2	2.13	18
B74754 (497867)		<0.5	7.14	1	1920	1.2	<1	2.43	<0.5	213	3.8	18.2	5.2	2.33	17

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T513823

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FAX (905)501-0589  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 03, 2019	DATE RECEIVED: Sep 04, 2019					DATE REPORTED: Sep 23, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
B74683 (497796)	<1	2.71	28	3	4.07	1630	1.2	3.17	30.0	67	<20	<50	0.04	<1	
B74684 (497797)	<1	2.05	14	15	1.40	535	1.3	3.17	22.1	420	<20	<50	0.05	<1	
B74685 (497798)	<1	2.05	17	14	1.08	442	1.9	3.41	13.6	896	<20	<50	0.13	<1	
B74686 (497799)	<1	0.44	9	11	4.48	1320	1.9	2.40	105	886	<20	<50	0.09	<1	
B74687 (497800)	<1	1.86	16	11	1.37	522	1.8	3.05	16.4	912	<20	<50	0.02	<1	
B74688 (497801)	<1	2.49	12	6	2.69	864	3.5	2.73	24.1	1170	<20	<50	0.04	<1	
B74689 (497802)	<1	3.74	10	10	2.61	701	5.1	2.34	55.3	163	<20	<50	0.04	<1	
B74690 (497803)	<1	0.88	10	11	6.55	1560	2.1	0.72	111	2490	<20	<50	0.03	<1	
B74691 (497804)	<1	2.23	22	14	0.79	269	1.5	2.88	9.8	281	<20	<50	0.01	<1	
B74692 (497805)	<1	0.03	2	1	2.38	148	<0.5	0.04	8.1	87	<20	<50	0.03	<1	
B74693 (497806)	<1	3.10	17	16	1.06	350	2.0	2.76	13.2	495	<20	<50	0.04	<1	
B74694 (497807)	<1	2.47	20	6	2.96	1080	1.3	2.04	35.1	489	<20	<50	0.02	<1	
B74695 (497808)	<1	1.61	20	28	0.99	372	1.5	2.27	26.0	623	<20	<50	0.16	<1	
B74696 (497809)	<1	1.89	16	19	0.87	337	1.3	2.84	6.2	437	<20	<50	0.13	<1	
B74697 (497810)	<1	1.79	25	14	0.59	296	1.2	2.62	4.4	263	<20	<50	0.03	<1	
B74698 (497811)	<1	1.76	24	14	0.59	302	2.1	2.53	3.9	262	<20	<50	0.03	<1	
B74699 (497812)	<1	2.77	24	16	0.86	386	1.3	2.43	13.8	421	<20	<50	0.01	<1	
B74700 (497813)	<1	2.42	24	11	0.58	305	2.2	2.48	21.2	229	<20	<50	0.08	<1	
B74701 (497814)	<1	1.68	22	8	0.52	294	1.8	2.31	4.4	226	<20	<50	0.01	<1	
B74702 (497815)	<1	2.56	21	13	0.92	388	1.2	2.60	10.0	191	<20	<50	0.01	<1	
B74703 (497816)	<1	2.25	23	20	0.86	353	2.1	2.52	4.8	300	<20	<50	0.02	<1	
B74704 (497817)	<1	2.70	16	7	1.50	557	2.2	2.76	18.2	135	<20	<50	0.08	<1	
B74705 (497818)	<1	1.62	22	12	0.70	332	2.5	2.87	7.0	317	<20	<50	0.23	<1	
B74706 (497819)	<1	0.43	9	11	4.46	1310	1.9	2.34	103	884	<20	<50	0.10	<1	
B74707 (497820)	<1	2.93	24	7	1.60	650	1.7	2.08	22.2	187	<20	<50	0.08	<1	
B74708 (497821)	<1	1.90	24	27	0.86	377	3.5	2.30	22.1	362	<20	<50	0.16	<1	
B74709 (497822)	<1	3.21	77	765	7.68	1150	1.8	0.59	411	145	<20	<50	0.04	<1	
B74710 (497823)	<1	3.40	22	10	0.74	354	1.8	2.00	10.5	245	<20	<50	0.15	<1	
B74711 (497824)	<1	2.52	23	6	0.46	290	2.6	2.33	8.5	240	<20	<50	0.10	<1	
B74712 (497825)	<1	0.03	2	4	2.14	104	<0.5	0.04	2.7	89	<20	<50	0.05	<1	
B74713 (497826)	<1	2.78	23	13	0.75	381	2.0	2.26	9.9	288	<20	<50	0.13	<1	
B74714 (497827)	<1	3.49	18	186	1.79	528	2.6	2.34	48.1	491	<20	<50	0.19	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T513823

PROJECT: AGAT00770

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 03, 2019	DATE RECEIVED: Sep 04, 2019					DATE REPORTED: Sep 23, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
B74715 (497828)	<1	2.57	26	797	3.68	754	2.8	1.88	161	613	<20	<50	0.09	<1	
B74716 (497829)	<1	2.46	28	9	0.63	274	1.6	2.87	7.5	393	<20	<50	0.07	<1	
B74717 (497830)	<1	2.94	17	15	1.05	423	2.3	3.13	16.3	1240	<20	<50	0.04	<1	
B74718 (497831)	<1	2.91	16	20	1.07	425	1.9	2.98	17.7	1180	<20	<50	0.03	<1	
B74719 (497832)	<1	3.69	12	25	1.75	660	1.3	3.02	40.7	2580	<20	<50	0.08	<1	
B74720 (497833)	<1	2.79	14	41	2.14	563	1.7	3.88	54.0	370	<20	<50	0.05	<1	
B74721 (497834)	<1	3.39	52	476	7.37	1450	3.7	1.00	354	72	<20	<50	0.04	<1	
B74722 (497835)	<1	1.35	15	68	2.06	650	1.0	4.05	33.3	810	<20	<50	0.04	<1	
B74723 (497836)	<1	1.64	14	49	1.89	547	1.3	3.98	31.2	920	<20	<50	0.02	<1	
B74724 (497837)	<1	1.76	14	49	2.01	597	1.2	4.04	33.6	449	<20	<50	0.04	<1	
B74725 (497838)	<1	2.11	19	39	1.44	406	1.3	3.77	15.4	704	<20	<50	0.04	<1	
B74726 (497839)	<1	0.20	4	13	4.45	1370	1.4	2.31	83.4	412	<20	<50	0.16	<1	
B74727 (497840)	<1	1.96	21	35	1.35	399	1.3	3.77	12.5	1060	<20	<50	0.03	<1	
B74728 (497841)	<1	1.27	15	24	0.80	263	1.4	3.03	3.6	525	<20	<50	0.01	<1	
B74729 (497842)	<1	2.06	21	35	1.65	449	2.0	3.39	81.2	684	<20	<50	0.02	<1	
B74730 (497843)	<1	1.63	22	27	1.10	281	1.5	3.64	6.9	418	<20	<50	0.05	<1	
B74731 (497844)	<1	2.44	78	12	1.25	470	1.3	3.37	25.4	983	<20	<50	0.05	<1	
B74732 (497845)	<1	0.04	3	1	2.23	119	<0.5	0.08	1.0	87	<20	<50	0.08	<1	
B74733 (497846)	<1	1.46	15	17	0.95	302	1.1	3.64	6.6	456	<20	<50	0.08	<1	
B74734 (497847)	<1	1.61	36	22	1.04	276	1.1	3.67	5.3	421	<20	<50	0.02	<1	
B74735 (497848)	<1	1.65	22	24	1.05	288	0.9	3.74	8.0	421	<20	<50	0.02	<1	
B74736 (497849)	<1	3.18	88	14	0.99	355	1.3	2.68	14.6	434	<20	<50	0.05	<1	
B74737 (497850)	<1	1.77	22	24	1.22	280	1.6	3.59	6.3	435	<20	<50	0.04	<1	
B74738 (497851)	<1	1.73	21	23	1.19	279	1.3	3.54	6.3	439	<20	<50	0.04	<1	
B74739 (497852)	<1	1.73	86	17	1.21	318	1.3	3.55	6.7	436	<20	<50	0.05	<1	
B74740 (497853)	<1	1.76	16	19	1.19	358	1.6	3.46	7.9	472	<20	<50	0.04	<1	
B74741 (497854)	<1	1.68	22	23	1.26	440	1.4	2.71	10.9	420	<20	<50	0.02	<1	
B74742 (497855)	<1	1.70	20	23	1.66	375	1.2	2.60	15.4	396	<20	<50	0.02	<1	
B74743 (497856)	<1	1.69	22	31	1.81	356	1.9	3.31	21.2	442	<20	<50	0.04	<1	
B74744 (497857)	<1	1.63	24	48	1.84	381	1.6	3.14	36.2	513	<20	<50	0.05	<1	
B74745 (497858)	<1	2.70	13	22	1.98	648	4.7	3.42	28.1	1010	<20	<50	0.05	<1	
B74746 (497859)	<1	0.20	3	13	4.34	1330	1.5	2.37	80.1	417	<20	<50	0.16	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T513823

PROJECT: AGAT00770

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 03, 2019	DATE RECEIVED: Sep 04, 2019				DATE REPORTED: Sep 23, 2019				SAMPLE TYPE: Drill Core						
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
B74747 (497860)	<1	1.25	16	15	0.87	323	1.8	3.82	6.9	541	<20	<50	0.03	<1	
B74748 (497861)	<1	2.13	32	42	2.06	397	1.6	3.14	14.7	503	<20	<50	0.02	<1	
B74749 (497862)	<1	1.57	20	21	1.03	258	1.1	3.69	4.8	521	<20	<50	0.04	<1	
B74750 (497863)	<1	1.47	20	22	0.95	242	1.1	3.70	4.3	394	<20	<50	0.03	<1	
B74751 (497864)	<1	1.73	29	26	1.04	295	1.2	3.58	6.8	479	<20	<50	0.03	<1	
B74752 (497865)	<1	0.02	2	1	2.85	121	<0.5	0.06	0.7	73	<20	<50	0.08	<1	
B74753 (497866)	<1	1.64	45	23	0.99	284	1.1	3.55	6.3	527	<20	<50	0.02	<1	
B74754 (497867)	<1	1.79	94	13	0.99	377	3.3	3.65	10.2	780	<20	<50	0.06	<1	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 03, 2019	DATE RECEIVED: Sep 04, 2019					DATE REPORTED: Sep 23, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
B74683 (497796)	28	<10	<5	470	<10	<10	<5	0.13	<5	<50	67.2	<1	18	38.3	
B74684 (497797)	20	<10	<5	270	<10	<10	<5	0.15	<5	<50	68.6	<1	9	50.8	
B74685 (497798)	11	<10	<5	249	<10	<10	<5	0.15	<5	<50	42.8	<1	7	36.5	
B74686 (497799)	34	<10	<5	240	<10	<10	<5	0.89	<5	<50	239	<1	22	94.8	
B74687 (497800)	17	<10	<5	254	<10	<10	<5	0.09	<5	<50	52.0	<1	10	41.4	
B74688 (497801)	19	<10	<5	401	<10	<10	6	0.05	<5	<50	49.4	<1	30	37.4	
B74689 (497802)	27	<10	<5	293	<10	<10	<5	0.29	<5	<50	109	<1	21	30.9	
B74690 (497803)	30	<10	<5	615	<10	<10	<5	0.37	<5	<50	122	<1	32	63.6	
B74691 (497804)	6	<10	<5	167	<10	<10	<5	0.10	<5	<50	25.4	<1	8	26.2	
B74692 (497805)	1	<10	<5	75	<10	<10	<5	0.01	<5	<50	3.7	<1	3	4.9	
B74693 (497806)	10	<10	<5	169	<10	<10	<5	0.13	<5	<50	36.8	<1	7	32.8	
B74694 (497807)	52	<10	<5	471	<10	<10	<5	0.05	<5	<50	115	<1	14	71.5	
B74695 (497808)	8	<10	<5	182	<10	<10	<5	0.31	<5	<50	49.2	<1	11	53.2	
B74696 (497809)	5	<10	<5	188	<10	<10	<5	0.18	<5	<50	32.7	<1	6	48.1	
B74697 (497810)	3	<10	<5	129	<10	<10	<5	0.11	<5	<50	15.3	<1	6	35.5	
B74698 (497811)	3	<10	<5	125	<10	<10	<5	0.11	<5	<50	15.3	<1	6	35.1	
B74699 (497812)	6	<10	<5	167	<10	<10	<5	0.07	<5	<50	23.1	<1	6	31.8	
B74700 (497813)	3	<10	<5	128	<10	<10	<5	0.11	<5	<50	14.4	<1	6	33.3	
B74701 (497814)	3	<10	<5	113	<10	<10	<5	0.10	<5	<50	12.5	<1	6	31.7	
B74702 (497815)	9	<10	<5	182	<10	<10	<5	0.08	<5	<50	31.4	<1	6	33.1	
B74703 (497816)	4	<10	<5	155	<10	<10	<5	0.16	<5	<50	22.3	<1	6	43.3	
B74704 (497817)	14	<10	<5	233	<10	<10	<5	0.08	<5	<50	45.4	<1	5	40.6	
B74705 (497818)	5	<10	<5	135	<10	<10	<5	0.12	<5	<50	23.4	<1	7	60.7	
B74706 (497819)	34	<10	<5	234	<10	<10	<5	0.86	<5	<50	243	<1	22	95.5	
B74707 (497820)	19	<10	<5	258	<10	<10	<5	0.07	<5	<50	52.4	<1	7	53.4	
B74708 (497821)	11	<10	<5	143	<10	<10	<5	0.16	<5	<50	57.0	<1	8	40.8	
B74709 (497822)	62	<10	<5	608	<10	<10	7	0.55	<5	<50	245	<1	19	90.6	
B74710 (497823)	7	<10	<5	153	<10	<10	<5	0.08	<5	<50	26.0	<1	6	46.6	
B74711 (497824)	4	<10	<5	116	<10	<10	<5	0.09	<5	<50	16.3	<1	7	50.5	
B74712 (497825)	1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.9	<1	2	4.0	
B74713 (497826)	6	<10	<5	137	<10	<10	<5	0.11	<5	<50	25.9	<1	7	43.7	
B74714 (497827)	22	<10	<5	210	<10	<10	<5	0.29	<5	<50	125	<1	8	42.0	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T513823

PROJECT: AGAT00770

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 03, 2019	DATE RECEIVED: Sep 04, 2019					DATE REPORTED: Sep 23, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
B74715 (497828)	38	<10	<5	414	<10	<10	<5	0.49	<5	<50	268	<1	9	94.1	
B74716 (497829)	5	<10	<5	146	<10	<10	<5	0.10	<5	<50	21.5	<1	7	28.9	
B74717 (497830)	7	<10	<5	191	<10	<10	<5	0.14	<5	<50	33.8	<1	6	38.7	
B74718 (497831)	7	<10	<5	185	<10	<10	<5	0.14	<5	<50	35.6	<1	6	38.5	
B74719 (497832)	9	<10	<5	301	<10	<10	<5	0.15	<5	<50	44.1	<1	5	71.9	
B74720 (497833)	15	<10	<5	300	<10	<10	<5	0.26	<5	<50	75.8	<1	6	53.4	
B74721 (497834)	56	<10	<5	728	<10	<10	<5	0.77	<5	<50	289	<1	24	55.4	
B74722 (497835)	10	<10	<5	305	<10	<10	<5	0.23	<5	<50	55.1	<1	5	69.6	
B74723 (497836)	10	<10	<5	261	<10	<10	<5	0.21	<5	<50	52.3	<1	5	59.6	
B74724 (497837)	10	<10	<5	226	<10	<10	<5	0.22	<5	<50	56.5	<1	5	62.2	
B74725 (497838)	7	<10	<5	200	<10	<10	<5	0.21	<5	<50	46.7	<1	5	50.1	
B74726 (497839)	45	<10	<5	106	<10	<10	<5	0.68	<5	<50	310	<1	22	84.6	
B74727 (497840)	6	<10	<5	228	<10	<10	<5	0.20	<5	<50	38.1	<1	6	59.6	
B74728 (497841)	4	<10	<5	167	<10	<10	<5	0.14	<5	<50	22.9	<1	5	34.6	
B74729 (497842)	7	<10	<5	242	<10	<10	<5	0.20	<5	<50	40.5	<1	7	62.1	
B74730 (497843)	4	<10	<5	212	<10	<10	<5	0.19	<5	<50	32.2	<1	5	54.8	
B74731 (497844)	10	<10	<5	254	<10	<10	56	0.11	<5	<50	41.3	<1	13	73.1	
B74732 (497845)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	1.5	<1	2	4.5	
B74733 (497846)	5	<10	<5	215	<10	<10	<5	0.16	<5	<50	32.3	<1	4	73.0	
B74734 (497847)	4	<10	<5	224	<10	<10	9	0.18	<5	<50	31.0	<1	5	55.7	
B74735 (497848)	5	<10	<5	273	<10	<10	<5	0.18	<5	<50	37.4	<1	5	82.8	
B74736 (497849)	8	<10	<5	275	<10	<10	74	0.13	<5	<50	33.0	<1	8	52.4	
B74737 (497850)	5	<10	<5	287	<10	<10	<5	0.21	<5	<50	36.6	<1	4	62.8	
B74738 (497851)	5	<10	<5	282	<10	<10	<5	0.21	<5	<50	36.5	<1	4	62.7	
B74739 (497852)	6	<10	<5	241	<10	<10	38	0.15	<5	<50	31.4	<1	7	42.6	
B74740 (497853)	5	<10	<5	228	<10	<10	<5	0.16	<5	<50	32.5	<1	6	54.0	
B74741 (497854)	8	<10	<5	199	<10	<10	<5	0.22	<5	<50	42.7	<1	7	51.0	
B74742 (497855)	7	<10	<5	155	<10	<10	<5	0.20	<5	<50	39.2	<1	6	45.4	
B74743 (497856)	7	<10	<5	163	<10	<10	<5	0.20	<5	<50	40.3	<1	5	48.0	
B74744 (497857)	6	<10	<5	185	<10	<10	<5	0.25	<5	<50	40.8	<1	6	59.0	
B74745 (497858)	16	<10	<5	293	<10	<10	<5	0.26	<5	<50	70.9	<1	9	44.0	
B74746 (497859)	44	<10	<5	107	<10	<10	<5	0.68	<5	<50	304	<1	22	80.4	

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## Certificate of Analysis

AGAT WORK ORDER: 19T513823

PROJECT: AGAT00770

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 03, 2019	DATE RECEIVED: Sep 04, 2019					DATE REPORTED: Sep 23, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:														
B74747 (497860)	5	<10	<5	150	<10	<10	<5	0.16	<5	<50	28.8	<1	5	36.7	
B74748 (497861)	8	<10	<5	218	<10	<10	<5	0.17	<5	<50	39.5	<1	10	50.2	
B74749 (497862)	4	<10	<5	216	<10	<10	<5	0.18	<5	<50	30.5	<1	5	48.4	
B74750 (497863)	4	<10	<5	206	<10	<10	<5	0.18	<5	<50	29.5	<1	4	53.1	
B74751 (497864)	7	<10	<5	245	<10	<10	7	0.16	<5	<50	34.9	<1	5	90.8	
B74752 (497865)	<1	<10	<5	64	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	4.7	
B74753 (497866)	5	<10	<5	226	<10	<10	20	0.18	<5	<50	32.5	<1	7	49.0	
B74754 (497867)	7	<10	<5	268	<10	<10	71	0.16	<5	<50	36.6	<1	12	45.0	

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PROJECT: AGAT00770

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 03, 2019      DATE RECEIVED: Sep 04, 2019      DATE REPORTED: Sep 23, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
B74683 (497796)				44
B74684 (497797)				85
B74685 (497798)				54
B74686 (497799)				94
B74687 (497800)				54
B74688 (497801)				42
B74689 (497802)				21
B74690 (497803)				13
B74691 (497804)				77
B74692 (497805)				<5
B74693 (497806)				56
B74694 (497807)				34
B74695 (497808)				81
B74696 (497809)				59
B74697 (497810)				88
B74698 (497811)				84
B74699 (497812)				73
B74700 (497813)				91
B74701 (497814)				73
B74702 (497815)				75
B74703 (497816)				85
B74704 (497817)				47
B74705 (497818)				80
B74706 (497819)				96
B74707 (497820)				54
B74708 (497821)				65
B74709 (497822)				22
B74710 (497823)				71
B74711 (497824)				80
B74712 (497825)				<5
B74713 (497826)				82
B74714 (497827)				79

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AGAT WORK ORDER: 19T513823

PROJECT: AGAT00770

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 03, 2019      DATE RECEIVED: Sep 04, 2019      DATE REPORTED: Sep 23, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
B74715 (497828)				56
B74716 (497829)				78
B74717 (497830)				71
B74718 (497831)				66
B74719 (497832)				35
B74720 (497833)				43
B74721 (497834)				141
B74722 (497835)				23
B74723 (497836)				21
B74724 (497837)				17
B74725 (497838)				30
B74726 (497839)				58
B74727 (497840)				35
B74728 (497841)				26
B74729 (497842)				34
B74730 (497843)				22
B74731 (497844)				26
B74732 (497845)				<5
B74733 (497846)				28
B74734 (497847)				23
B74735 (497848)				24
B74736 (497849)				19
B74737 (497850)				18
B74738 (497851)				18
B74739 (497852)				18
B74740 (497853)				42
B74741 (497854)				97
B74742 (497855)				97
B74743 (497856)				35
B74744 (497857)				34
B74745 (497858)				34
B74746 (497859)				60

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AGAT WORK ORDER: 19T513823

PROJECT: AGAT00770

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 03, 2019

DATE RECEIVED: Sep 04, 2019

DATE REPORTED: Sep 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
B74747 (497860)				61
B74748 (497861)				45
B74749 (497862)				35
B74750 (497863)				30
B74751 (497864)				31
B74752 (497865)				<5
B74753 (497866)				45
B74754 (497867)				51

Comments: RDL - Reported Detection Limit

497796-497867 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

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AGAT WORK ORDER: 19T513823

PROJECT: AGAT00770

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 03, 2019      DATE RECEIVED: Sep 04, 2019      DATE REPORTED: Sep 23, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
B74683 (497796)			0.004
B74684 (497797)			0.007
B74685 (497798)			0.008
B74686 (497799)			0.339
B74687 (497800)			0.005
B74688 (497801)			0.004
B74689 (497802)			0.005
B74690 (497803)			0.007
B74691 (497804)			0.004
B74692 (497805)			0.001
B74693 (497806)			0.005
B74694 (497807)			0.006
B74695 (497808)			0.015
B74696 (497809)			0.013
B74697 (497810)			0.003
B74698 (497811)			0.007
B74699 (497812)			0.004
B74700 (497813)			0.006
B74701 (497814)			0.003
B74702 (497815)			0.003
B74703 (497816)			0.003
B74704 (497817)			0.004
B74705 (497818)			0.017
B74706 (497819)			0.333
B74707 (497820)			0.010
B74708 (497821)			0.016
B74709 (497822)			0.005
B74710 (497823)			0.014
B74711 (497824)			0.009
B74712 (497825)			0.002
B74713 (497826)			0.027
B74714 (497827)			0.010

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## Certificate of Analysis

AGAT WORK ORDER: 19T513823

PROJECT: AGAT00770

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 03, 2019      DATE RECEIVED: Sep 04, 2019      DATE REPORTED: Sep 23, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
B74715 (497828)			0.008
B74716 (497829)			0.012
B74717 (497830)			0.004
B74718 (497831)			0.004
B74719 (497832)			0.011
B74720 (497833)			0.006
B74721 (497834)			0.004
B74722 (497835)			0.009
B74723 (497836)			0.008
B74724 (497837)			0.063
B74725 (497838)			0.004
B74726 (497839)			0.527
B74727 (497840)			0.003
B74728 (497841)			0.005
B74729 (497842)			0.008
B74730 (497843)			0.007
B74731 (497844)			0.006
B74732 (497845)			0.001
B74733 (497846)			0.013
B74734 (497847)			0.004
B74735 (497848)			0.004
B74736 (497849)			0.007
B74737 (497850)			0.010
B74738 (497851)			0.010
B74739 (497852)			0.007
B74740 (497853)			0.008
B74741 (497854)			0.003
B74742 (497855)			0.004
B74743 (497856)			0.006
B74744 (497857)			0.006
B74745 (497858)			0.004
B74746 (497859)			0.543

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AGAT WORK ORDER: 19T513823

PROJECT: AGAT00770

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 03, 2019

DATE RECEIVED: Sep 04, 2019

DATE REPORTED: Sep 23, 2019

SAMPLE TYPE: Drill Core

Analyte:	Unit:	RDL:
Au	ppm	0.001
Sample ID (AGAT ID)		
B74747 (497860)		0.005
B74748 (497861)		0.005
B74749 (497862)		0.008
B74750 (497863)		0.005
B74751 (497864)		0.006
B74752 (497865)		0.001
B74753 (497866)		0.003
B74754 (497867)		0.013

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

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AGAT WORK ORDER: 19T513823

PROJECT: AGAT00770

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Sep 03, 2019	DATE RECEIVED: Sep 04, 2019	DATE REPORTED: Sep 23, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
B74683 (497796)		90.00
B74701 (497814)		80.43
B74722 (497835)		80.26
B74742 (497855)		76.21

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T513823

PROJECT: AGAT00770

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Sep 03, 2019	DATE RECEIVED: Sep 04, 2019	DATE REPORTED: Sep 23, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
B74683 (497796)		85.89
B74719 (497832)		85.90

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	497796	< 0.5	< 0.5	0.0%	497810	< 0.5	< 0.5	0.0%	497821	< 0.5	< 0.5	0.0%	497835	< 0.5	< 0.5	0.0%
Al	497796	4.78	4.80	0.4%	497810	7.09	7.04	0.7%	497821	5.97	6.19	3.6%	497835	8.10	8.15	0.6%
As	497796	< 1	< 1	0.0%	497810	2	< 1		497821	6	5	18.2%	497835	< 1	< 1	0.0%
Ba	497796	334	332	0.6%	497810	396	394	0.5%	497821	1080	1130	4.5%	497835	832	847	1.8%
Be	497796	2.4	2.4	0.0%	497810	1.2	1.2	0.0%	497821	1.6	1.6	0.0%	497835	1.0	1.0	0.0%
Bi	497796	< 1	< 1	0.0%	497810	< 1	< 1	0.0%	497821	< 1	< 1	0.0%	497835	< 1	< 1	0.0%
Ca	497796	8.69	8.31	4.5%	497810	1.83	1.83	0.0%	497821	2.36	2.40	1.7%	497835	1.52	1.53	0.7%
Cd	497796	< 0.5	< 0.5	0.0%	497810	< 0.5	< 0.5	0.0%	497821	< 0.5	< 0.5	0.0%	497835	< 0.5	< 0.5	0.0%
Ce	497796	66	68	3.0%	497810	51	52	1.9%	497821	49	48	2.1%	497835	30	28	6.9%
Co	497796	12.4	12.1	2.4%	497810	2.9	2.6	10.9%	497821	4.9	4.7	4.2%	497835	13.8	13.2	4.4%
Cr	497796	47.3	43.0	9.5%	497810	9.85	10.4	5.4%	497821	34.2	37.5	9.2%	497835	19.0	17.9	6.0%
Cu	497796	5.5	5.4	1.8%	497810	1.7	1.2		497821	9.36	9.29	0.8%	497835	35.8	37.2	3.8%
Fe	497796	4.29	4.21	1.9%	497810	1.72	1.68	2.4%	497821	1.95	2.06	5.5%	497835	3.61	3.65	1.1%
Ga	497796	8	8	0.0%	497810	16	16	0.0%	497821	15	15	0.0%	497835	17	16	6.1%
In	497796	< 1	< 1	0.0%	497810	< 1	< 1	0.0%	497821	< 1	< 1	0.0%	497835	< 1	< 1	0.0%
K	497796	2.71	2.74	1.1%	497810	1.79	1.78	0.6%	497821	1.90	1.95	2.6%	497835	1.35	1.37	1.5%
La	497796	28	28	0.0%	497810	25	25	0.0%	497821	24	24	0.0%	497835	15	14	6.9%
Li	497796	3	3	0.0%	497810	14	14	0.0%	497821	27	27	0.0%	497835	68	68	0.0%
Mg	497796	4.07	3.97	2.5%	497810	0.593	0.584	1.5%	497821	0.865	0.889	2.7%	497835	2.06	2.09	1.4%
Mn	497796	1630	1580	3.1%	497810	296	290	2.0%	497821	377	391	3.6%	497835	650	658	1.2%
Mo	497796	1.2	1.0	18.2%	497810	1.2	1.5	22.2%	497821	3.5	4.5	25.0%	497835	1.0	1.5	
Na	497796	3.17	3.10	2.2%	497810	2.62	2.63	0.4%	497821	2.30	2.34	1.7%	497835	4.05	4.05	0.0%
Ni	497796	30.0	28.8	4.1%	497810	4.4	3.9	12.0%	497821	22.1	21.3	3.7%	497835	33.3	33.4	0.3%
P	497796	67	58	14.4%	497810	263	263	0.0%	497821	362	359	0.8%	497835	810	783	3.4%
Pb	497796	< 20	< 20	0.0%	497810	< 20	< 20	0.0%	497821	< 20	< 20	0.0%	497835	< 20	< 20	0.0%
Rb	497796	< 50	< 50	0.0%	497810	< 50	< 50	0.0%	497821	< 50	< 50	0.0%	497835	< 50	< 50	0.0%
S	497796	0.04	0.04	0.0%	497810	0.03	0.03	0.0%	497821	0.16	0.16	0.0%	497835	0.04	0.04	0.0%
Sb	497796	< 1	< 1	0.0%	497810	< 1	< 1	0.0%	497821	< 1	< 1	0.0%	497835	< 1	< 1	0.0%
Sc	497796	28	28	0.0%	497810	3	3	0.0%	497821	11	11	0.0%	497835	10	10	0.0%
Se	497796	< 10	< 10	0.0%	497810	< 10	< 10	0.0%	497821	< 10	< 10	0.0%	497835	< 10	< 10	0.0%
Sn	497796	< 5	< 5	0.0%	497810	< 5	< 5	0.0%	497821	< 5	< 5	0.0%	497835	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	497796	470	447	5.0%	497810	129	129	0.0%	497821	143	145	1.4%	497835	305	305	0.0%
Ta	497796	< 10	< 10	0.0%	497810	< 10	< 10	0.0%	497821	< 10	< 10	0.0%	497835	< 10	< 10	0.0%
Te	497796	< 10	< 10	0.0%	497810	< 10	< 10	0.0%	497821	< 10	< 10	0.0%	497835	< 10	< 10	0.0%
Th	497796	< 5	< 5	0.0%	497810	< 5	< 5	0.0%	497821	< 5	< 5	0.0%	497835	< 5	< 5	0.0%
Ti	497796	0.13	0.13	0.0%	497810	0.11	0.11	0.0%	497821	0.16	0.16	0.0%	497835	0.23	0.23	0.0%
Tl	497796	< 5	< 5	0.0%	497810	< 5	< 5	0.0%	497821	< 5	< 5	0.0%	497835	< 5	< 5	0.0%
U	497796	< 50	< 50	0.0%	497810	< 50	< 50	0.0%	497821	< 50	< 50	0.0%	497835	< 50	< 50	0.0%
V	497796	67.2	64.8	3.6%	497810	15.3	14.8	3.3%	497821	57.0	55.6	2.5%	497835	55.1	54.3	1.5%
W	497796	< 1	< 1	0.0%	497810	< 1	< 1	0.0%	497821	< 1	< 1	0.0%	497835	< 1	< 1	0.0%
Y	497796	18	18	0.0%	497810	6	7	15.4%	497821	8	8	0.0%	497835	5	5	0.0%
Zn	497796	38.3	37.6	1.8%	497810	35.5	35.2	0.8%	497821	40.8	43.3	5.9%	497835	69.6	71.1	2.1%
Zr	497796	44	44	0.0%	497810	88	92	4.4%	497821	65	68	4.5%	497835	23	22	4.4%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	497846	< 0.5	< 0.5	0.0%	497860	< 0.5	< 0.5	0.0%								
Al	497846	7.71	7.76	0.6%	497860	7.84	7.78	0.8%								
As	497846	2	< 1		497860	< 1	< 1	0.0%								
Ba	497846	736	744	1.1%	497860	1000	1010	1.0%								
Be	497846	1.15	1.15	0.0%	497860	1.1	1.1	0.0%								
Bi	497846	< 1	< 1	0.0%	497860	< 1	< 1	0.0%								
Ca	497846	1.89	1.91	1.1%	497860	1.94	1.94	0.0%								
Cd	497846	< 0.5	< 0.5	0.0%	497860	< 0.5	< 0.5	0.0%								
Ce	497846	32	33	3.1%	497860	36	35	2.8%								
Co	497846	5.19	5.36	3.2%	497860	4.6	4.4	4.4%								
Cr	497846	12.3	10.5	15.8%	497860	12.6	12.3	2.4%								
Cu	497846	19.7	19.4	1.5%	497860	4.54	5.17	13.0%								
Fe	497846	2.23	2.23	0.0%	497860	2.12	2.13	0.5%								
Ga	497846	19	19	0.0%	497860	17	18	5.7%								
In	497846	< 1	< 1	0.0%	497860	< 1	< 1	0.0%								
K	497846	1.46	1.47	0.7%	497860	1.25	1.24	0.8%								
La	497846	15	16	6.5%	497860	16	17	6.1%								
Li	497846	17	17	0.0%	497860	15	15	0.0%								
Mg	497846	0.953	0.958	0.5%	497860	0.873	0.864	1.0%								
Mn	497846	302	297	1.7%	497860	323	325	0.6%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	497846	1.14	1.29	12.3%	497860	1.8	1.7	5.7%								
Na	497846	3.64	3.67	0.8%	497860	3.82	3.76	1.6%								
Ni	497846	6.6	7.5	12.8%	497860	6.9	7.1	2.9%								
P	497846	456	492	7.6%	497860	541	550	1.6%								
Pb	497846	< 20	< 20	0.0%	497860	< 20	< 20	0.0%								
Rb	497846	< 50	< 50	0.0%	497860	< 50	< 50	0.0%								
S	497846	0.08	0.08	0.0%	497860	0.03	0.03	0.0%								
Sb	497846	< 1	< 1	0.0%	497860	< 1	< 1	0.0%								
Sc	497846	5	5	0.0%	497860	5	5	0.0%								
Se	497846	< 10	< 10	0.0%	497860	< 10	< 10	0.0%								
Sn	497846	< 5	< 5	0.0%	497860	< 5	< 5	0.0%								
Sr	497846	215	216	0.5%	497860	150	149	0.7%								
Ta	497846	< 10	< 10	0.0%	497860	< 10	< 10	0.0%								
Te	497846	< 10	< 10	0.0%	497860	< 10	< 10	0.0%								
Th	497846	< 5	< 5	0.0%	497860	< 5	< 5	0.0%								
Ti	497846	0.16	0.16	0.0%	497860	0.16	0.16	0.0%								
Tl	497846	< 5	< 5	0.0%	497860	< 5	< 5	0.0%								
U	497846	< 50	< 50	0.0%	497860	< 50	< 50	0.0%								
V	497846	32.3	32.7	1.2%	497860	28.8	28.7	0.3%								
W	497846	< 1	< 1	0.0%	497860	< 1	< 1	0.0%								
Y	497846	4	4	0.0%	497860	5	5	0.0%								
Zn	497846	73.0	74.1	1.5%	497860	36.7	36.6	0.3%								
Zr	497846	28	27	3.6%	497860	61	60	1.7%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	497796	0.004	0.003	28.6%	497810	0.0034	0.0040	16.2%	497821	0.0157	0.0129	19.6%	497835	0.009	0.011	20.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	497846	0.013	0.011	16.7%	497860	0.005	0.005	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GSP7M)				CRM #2 (ref.GSP5G)				CRM #3 (ref.1P5R)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	2.96	98%	90% - 110%
Al	10.95	10.8	99%	90% - 110%	8.17	8.13	100%	90% - 110%	6.96	6.93	100%	90% - 110%	4.75	4.82	101%	90% - 110%
As					26	24	92%	90% - 110%	124	121	97%	90% - 110%				
Ba	340	333	98%	90% - 110%	540	503	93%	90% - 110%	186	182	98%	90% - 110%	216	215	100%	90% - 110%
Be	2.6	2.7	106%	90% - 110%	4.0	3.4	84%	90% - 110%								
Ca	5.72	5.73	100%	90% - 110%	0.907	0.892	98%	90% - 110%	4.01	3.88	97%	90% - 110%	10	9	93%	90% - 110%
Ce	122	118	97%	90% - 110%	98	101	103%	90% - 110%	24	22	94%	90% - 110%				
Co									22.1	20.9	95%	90% - 110%	191	175	92%	90% - 110%
Cr					60.3	62.4	103%	90% - 110%					670	628	93%	90% - 110%
Cu					150	146	97%	90% - 110%	88.6	83.9	95%	90% - 110%	7120	7239	102%	90% - 110%
Fe	4.34	4.01	92%	90% - 110%	3.77	3.6	95%	90% - 110%	7.56	7.16	95%	90% - 110%	12.71	11.74	92%	90% - 110%
Ga	35	34	97%	90% - 110%												
K	1.37	1.43	104%	90% - 110%					2.021	2.061	102%	90% - 110%	0.1021	0.1115	109%	90% - 110%
La	58	56	97%	90% - 110%	44	42	96%	90% - 110%					8.47	8.05	95%	90% - 110%
Li	37	39	107%	90% - 110%	47	47	100%	90% - 110%								
Mg	0.325	0.307	94%	90% - 110%	1.10	1.07	97%	90% - 110%	2.412	2.478	103%	90% - 110%	7.41	7.47	101%	90% - 110%
Mn					780	745	96%	90% - 110%	1510	1415	94%	90% - 110%				
Mo					14	13	95%	90% - 110%								
Na	5.267	5.62	107%	90% - 110%	1.624	1.706	105%	90% - 110%	0.617	0.657	107%	90% - 110%	0.112	0.122	109%	90% - 110%
Ni					32	32	99%	90% - 110%	77.1	69.6	90%	90% - 110%	2480	2317	93%	90% - 110%
P					750	700	93%	90% - 110%	892	873	98%	90% - 110%	731	694	95%	90% - 110%
Pb	10	9	90%	90% - 110%	31	29	93%	90% - 110%								
S									0.348	0.347	100%	90% - 110%				
Sc	1.1	1	92%	90% - 110%	12	12	103%	90% - 110%					21.33	20.52	96%	90% - 110%
Sr	1191	1139	96%	90% - 110%	144	144	100%	90% - 110%	92.8	84.8	91%	90% - 110%	39	36	93%	90% - 110%
Ti	0.172	0.171	99%	90% - 110%	0.53	0.48	91%	90% - 110%					0.419	0.416	99%	90% - 110%
V	8	8	94%	90% - 110%	77	78	101%	90% - 110%					158	161	102%	90% - 110%
Y	119	124	104%	90% - 110%									12.67	12.68	100%	90% - 110%
Zn	93	97	105%	90% - 110%	130	127	98%	90% - 110%	208	219	105%	90% - 110%	112	121	108%	90% - 110%
Zr													35.7	38.8	109%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GSP7M)				CRM #2 (ref.GSP5G)				CRM #3 (ref.1P5R)				CRM #4 (ref.GS6F)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.725	0.785	108%	90% - 110%	0.562	0.512	91%	90% - 110%	1.81	1.72	95%	90% - 110%	6.87	7.06	103%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19T513823

PROJECT: AGAT00770

ATTENTION TO: Craig Yuill

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00771

AGAT WORK ORDER: 19T514365

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 30, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T514365

PROJECT: AGAT00771

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 04, 2019      DATE RECEIVED: Sep 05, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
C67488 (501768)		3.64
C67489 (501769)		2.71
C67490 (501770)		3.99
C67491 (501771)		3.59
C67492 (501772)		0.63
C67493 (501773)		2.95
C67494 (501774)		2.74
C67495 (501775)		0.96
C67496 (501776)		3.27
C67497 (501777)		2.87
C67498 (501778)		2.89
C67499 (501779)		3.27
C67500 (501780)		2.63
C67501 (501781)		4.02
C67502 (501782)		4.02
C67503 (501783)		4.27
C67504 (501784)		3.12
C67505 (501785)		1.90
C67506 (501786)		0.07
C67507 (501787)		2.46
C67508 (501788)		1.14
C67509 (501789)		2.53
C67510 (501790)		2.45
C67511 (501791)		1.80
C67512 (501792)		0.65
C67513 (501793)		1.05
C67514 (501794)		0.87
C67515 (501795)		0.94
C67516 (501796)		2.40
C67517 (501797)		2.53
C67518 (501798)		2.53

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T514365

PROJECT: AGAT00771

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CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 04, 2019      DATE RECEIVED: Sep 05, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C67519 (501799)		1.14
C67520 (501800)		1.15
C67521 (501801)		2.31
C67522 (501802)		2.23
C67523 (501803)		2.25
C67524 (501804)		0.70
C67525 (501805)		1.62
C67526 (501806)		0.07
C67527 (501807)		2.54
C67528 (501808)		1.48
C67529 (501809)		3.17
C67530 (501810)		2.35
C67531 (501811)		2.95
C67532 (501812)		0.53
C67533 (501813)		1.31
C67534 (501814)		2.11
C67535 (501815)		1.52
C67536 (501816)		0.89
C67537 (501817)		2.63
C67538 (501818)		2.63
C67539 (501819)		1.46
C67540 (501820)		3.12
C67541 (501821)		2.25
C67542 (501822)		2.24
C67543 (501823)		1.07
C67544 (501824)		1.85
C67545 (501825)		1.73
C67546 (501826)		0.07
C67547 (501827)		2.46
C67548 (501828)		2.74
C67549 (501829)		2.27

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T514365

PROJECT: AGAT00771

5623 McADAM ROAD  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 04, 2019      DATE RECEIVED: Sep 05, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
C67550 (501830)		3.09
C67551 (501831)		1.04
C67552 (501832)		0.65
C67553 (501833)		2.31
C67554 (501834)		1.70
C67555 (501835)		0.85
C67556 (501836)		2.10
C67557 (501837)		2.36
C67558 (501838)		2.36
C67559 (501839)		2.43

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T514365

PROJECT: AGAT00771

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 04, 2019	DATE RECEIVED: Sep 05, 2019							DATE REPORTED: Sep 30, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C67488 (501768)	<0.5	7.83	<1	211	0.6	<1	7.56	<0.5	12	35.3	154	65.6	5.96	13	
C67489 (501769)	<0.5	7.24	<1	147	0.6	<1	8.09	<0.5	18	39.8	240	72.0	8.39	16	
C67490 (501770)	<0.5	7.69	<1	144	0.6	<1	7.94	<0.5	14	38.6	163	72.6	7.88	14	
C67491 (501771)	<0.5	7.96	<1	182	0.6	<1	7.52	<0.5	9	35.9	125	63.6	6.22	13	
C67492 (501772)	<0.5	0.12	<1	15	<0.5	<1	32.2	<0.5	<1	0.8	3.7	<0.5	0.15	<5	
C67493 (501773)	<0.5	7.62	<1	164	0.9	<1	7.96	<0.5	11	39.6	128	67.3	7.25	14	
C67494 (501774)	<0.5	7.82	<1	167	0.6	<1	7.90	<0.5	12	41.9	128	94.2	7.78	15	
C67495 (501775)	<0.5	5.98	<1	320	2.2	<1	7.19	<0.5	5	31.3	105	64.3	6.65	12	
C67496 (501776)	<0.5	7.65	<1	226	0.9	<1	7.90	<0.5	12	40.6	136	75.2	7.78	14	
C67497 (501777)	<0.5	7.77	<1	154	<0.5	<1	8.14	<0.5	11	40.5	143	71.7	7.70	14	
C67498 (501778)	<0.5	8.02	<1	147	<0.5	<1	8.19	<0.5	11	40.1	134	71.7	7.55	15	
C67499 (501779)	<0.5	7.80	<1	114	<0.5	<1	8.01	<0.5	12	42.6	173	74.2	7.90	15	
C67500 (501780)	<0.5	7.96	<1	140	<0.5	<1	7.79	<0.5	14	42.3	118	77.5	8.27	15	
C67501 (501781)	<0.5	8.02	<1	145	0.5	<1	7.76	<0.5	14	43.5	76.7	80.3	8.69	17	
C67502 (501782)	<0.5	8.11	<1	124	0.5	<1	7.78	<0.5	14	43.2	60.0	85.6	8.39	16	
C67503 (501783)	<0.5	7.78	<1	128	0.5	<1	7.83	<0.5	14	43.7	78.1	98.1	8.62	16	
C67504 (501784)	<0.5	7.90	<1	137	0.5	<1	7.54	<0.5	13	40.1	109	110	7.89	15	
C67505 (501785)	<0.5	8.04	<1	369	1.4	<1	1.59	<0.5	27	10.6	20.2	21.9	3.10	16	
C67506 (501786)	<0.5	7.52	<1	189	0.7	<1	6.49	<0.5	21	36.3	175	104	7.90	17	
C67507 (501787)	<0.5	8.24	<1	369	1.0	<1	1.65	<0.5	31	12.3	28.7	93.5	3.28	16	
C67508 (501788)	<0.5	8.34	<1	442	0.7	<1	1.87	<0.5	37	9.4	19.7	32.1	2.91	16	
C67509 (501789)	<0.5	8.27	<1	371	0.6	<1	1.59	<0.5	31	11.6	23.5	50.5	3.30	16	
C67510 (501790)	<0.5	8.22	<1	522	1.0	<1	1.68	<0.5	31	9.0	18.4	29.4	2.98	16	
C67511 (501791)	<0.5	7.60	<1	678	2.4	<1	2.34	<0.5	25	8.3	22.5	45.4	3.01	16	
C67512 (501792)	<0.5	0.10	<1	21	<0.5	<1	32.9	<0.5	<1	0.6	2.7	<0.5	0.17	<5	
C67513 (501793)	<0.5	8.02	<1	448	1.1	<1	1.70	<0.5	30	6.7	14.9	0.9	2.57	18	
C67514 (501794)	<0.5	7.80	<1	595	1.1	<1	1.34	<0.5	20	5.9	24.6	<0.5	2.25	19	
C67515 (501795)	<0.5	8.07	<1	566	1.1	<1	1.62	<0.5	37	8.5	30.4	3.1	3.01	17	
C67516 (501796)	<0.5	7.99	<1	417	0.8	<1	1.66	<0.5	38	7.7	28.2	0.5	2.84	16	
C67517 (501797)	<0.5	7.89	<1	304	1.0	<1	1.62	<0.5	32	7.5	20.0	5.7	2.63	18	
C67518 (501798)	<0.5	7.78	<1	290	1.0	<1	1.64	<0.5	31	7.3	22.5	6.5	2.55	17	
C67519 (501799)	<0.5	7.62	<1	223	0.9	<1	1.62	<0.5	39	6.8	23.6	<0.5	2.77	21	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T514365

PROJECT: AGAT00771

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 04, 2019	DATE RECEIVED: Sep 05, 2019							DATE REPORTED: Sep 30, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C67520 (501800)	<0.5	7.77	<1	211	0.9	<1	1.63	<0.5	26	7.3	18.6	6.0	2.87	22	
C67521 (501801)	<0.5	6.75	<1	201	3.3	<1	1.74	<0.5	16	4.2	21.2	0.5	2.10	18	
C67522 (501802)	<0.5	7.98	<1	381	0.8	<1	1.65	<0.5	34	8.6	21.8	2.1	2.99	17	
C67523 (501803)	<0.5	8.01	<1	497	1.0	<1	1.88	<0.5	34	8.1	28.0	4.9	2.91	17	
C67524 (501804)	<0.5	8.09	<1	1130	1.3	<1	1.85	<0.5	31	5.8	20.2	<0.5	2.45	16	
C67525 (501805)	<0.5	7.91	<1	526	1.4	<1	2.75	<0.5	32	7.5	24.1	4.8	2.58	16	
C67526 (501806)	<0.5	7.10	<1	140	<0.5	<1	6.71	0.5	9	36.6	132	148	7.99	15	
C67527 (501807)	<0.5	8.10	<1	712	1.3	<1	2.92	<0.5	34	6.7	29.6	0.9	2.83	17	
C67528 (501808)	<0.5	7.58	<1	748	1.3	<1	2.67	<0.5	40	5.0	22.2	5.5	2.21	16	
C67529 (501809)	<0.5	6.37	2	547	1.2	<1	2.27	<0.5	44	1.4	16.5	4.9	1.42	13	
C67530 (501810)	<0.5	6.60	<1	672	1.2	<1	1.59	<0.5	42	1.1	16.7	4.4	1.33	13	
C67531 (501811)	<0.5	7.88	2	629	1.7	<1	2.51	<0.5	51	5.6	22.9	7.8	2.36	17	
C67532 (501812)	<0.5	0.10	<1	21	<0.5	<1	29.8	<0.5	<1	0.7	4.7	<0.5	0.13	<5	
C67533 (501813)	<0.5	6.24	2	684	1.3	<1	1.60	<0.5	64	<0.5	24.5	0.8	1.31	13	
C67534 (501814)	<0.5	6.22	1	1230	1.2	<1	1.36	<0.5	55	<0.5	28.3	7.7	1.31	12	
C67535 (501815)	<0.5	6.78	<1	1820	1.4	<1	1.86	<0.5	50	2.0	26.6	37.2	1.93	14	
C67536 (501816)	1.1	4.37	1	701	<0.5	<1	0.27	<0.5	15	0.8	31.1	1.3	1.08	8	
C67537 (501817)	<0.5	7.89	<1	773	1.3	<1	2.28	<0.5	52	5.8	31.2	<0.5	2.60	17	
C67538 (501818)	<0.5	7.88	<1	748	1.3	<1	2.30	<0.5	53	5.9	36.2	<0.5	2.59	17	
C67539 (501819)	<0.5	7.71	<1	568	1.4	<1	1.76	<0.5	61	6.9	27.9	<0.5	2.80	18	
C67540 (501820)	<0.5	6.18	<1	601	1.2	<1	1.93	<0.5	50	4.5	40.3	4.1	2.26	14	
C67541 (501821)	<0.5	7.54	1	277	0.9	<1	1.39	<0.5	133	7.5	32.6	3.8	3.35	20	
C67542 (501822)	<0.5	7.87	<1	1150	1.0	<1	1.81	<0.5	64	7.7	29.6	<0.5	3.17	18	
C67543 (501823)	<0.5	7.36	<1	241	0.9	<1	1.54	<0.5	56	7.7	28.7	<0.5	3.10	19	
C67544 (501824)	<0.5	4.03	1	112	1.0	<1	0.90	<0.5	12	1.7	33.3	0.5	1.08	10	
C67545 (501825)	<0.5	8.25	<1	662	0.9	<1	1.25	<0.5	40	10.5	42.0	53.1	3.42	17	
C67546 (501826)	<0.5	7.31	<1	184	0.6	<1	6.26	<0.5	21	35.1	195	103	7.71	16	
C67547 (501827)	<0.5	8.10	<1	459	0.7	<1	1.11	<0.5	29	10.9	40.2	22.5	3.23	16	
C67548 (501828)	<0.5	7.85	<1	754	1.0	<1	2.70	<0.5	65	7.6	35.1	<0.5	2.92	17	
C67549 (501829)	<0.5	7.79	<1	1170	1.6	<1	2.66	<0.5	79	8.0	30.8	14.9	2.63	19	
C67550 (501830)	<0.5	8.06	<1	594	1.3	<1	2.28	<0.5	61	9.1	38.1	<0.5	3.43	18	
C67551 (501831)	<0.5	7.92	<1	1050	1.4	<1	2.04	<0.5	58	7.0	25.7	20.1	3.06	18	

Certified By:



## Certificate of Analysis

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PROJECT: AGAT00771

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 04, 2019	DATE RECEIVED: Sep 05, 2019		DATE REPORTED: Sep 30, 2019		SAMPLE TYPE: Drill Core									
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5
C67552 (501832)	<0.5	0.11	<1	26	<0.5	<1	31.4	<0.5	<1	<0.5	5.7	<0.5	0.13	<5
C67553 (501833)	<0.5	7.70	<1	1480	1.2	<1	1.82	<0.5	41	6.3	27.7	25.1	2.77	16
C67554 (501834)	<0.5	8.01	<1	626	1.0	<1	1.88	<0.5	62	9.0	29.9	19.9	3.24	16
C67555 (501835)	<0.5	7.75	<1	283	1.1	<1	1.98	<0.5	45	5.6	16.7	10.2	2.10	17
C67556 (501836)	<0.5	8.09	<1	469	0.9	<1	1.72	<0.5	57	8.7	23.7	27.7	3.32	17
C67557 (501837)	<0.5	8.02	<1	508	1.0	<1	1.68	<0.5	61	8.3	20.0	7.2	3.17	17
C67558 (501838)	<0.5	7.96	<1	517	0.9	<1	1.72	<0.5	63	9.0	23.3	8.0	3.11	17
C67559 (501839)	<0.5	8.07	<1	488	0.9	<1	1.32	<0.5	49	8.4	24.7	1.6	2.87	16

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 04, 2019

DATE RECEIVED: Sep 05, 2019

DATE REPORTED: Sep 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
C67488 (501768)		<1	0.51	6	7	4.93	1160	1.1	1.93	83.1	272	<20	<50	0.08	<1
C67489 (501769)		<1	0.33	8	4	4.84	1420	1.6	1.52	81.6	418	<20	<50	0.13	<1
C67490 (501770)		<1	0.40	7	6	4.66	1350	1.6	1.56	77.7	360	<20	<50	0.11	<1
C67491 (501771)		<1	0.49	5	8	4.81	1160	1.1	1.64	76.2	213	<20	<50	0.08	<1
C67492 (501772)		<1	0.01	2	2	3.06	128	<0.5	0.05	21.2	110	<20	<50	0.04	<1
C67493 (501773)		<1	0.30	6	7	4.85	1280	1.3	1.63	75.8	303	<20	<50	0.10	<1
C67494 (501774)		<1	0.35	6	6	5.02	1370	1.2	1.54	83.8	279	<20	<50	0.11	<1
C67495 (501775)		<1	4.62	3	13	3.72	1110	0.9	1.87	63.3	1860	<20	<50	0.03	<1
C67496 (501776)		<1	1.11	6	8	4.80	1350	1.2	1.56	79.3	335	<20	<50	0.10	<1
C67497 (501777)		<1	0.26	6	4	5.09	1360	1.4	1.49	79.3	267	<20	<50	0.10	<1
C67498 (501778)		<1	0.26	6	4	4.96	1330	1.4	1.53	77.6	289	<20	<50	0.10	<1
C67499 (501779)		<1	0.23	6	5	4.92	1360	1.3	1.48	77.2	296	<20	<50	0.11	<1
C67500 (501780)		<1	0.26	6	6	4.70	1430	1.3	1.52	69.5	306	<20	<50	0.12	<1
C67501 (501781)		<1	0.27	7	6	4.50	1430	1.5	1.59	65.7	337	<20	<50	0.12	<1
C67502 (501782)		<1	0.23	7	6	4.59	1420	1.2	1.57	69.6	329	<20	<50	0.12	<1
C67503 (501783)		<1	0.25	6	6	4.78	1450	1.3	1.56	77.1	319	<20	<50	0.13	<1
C67504 (501784)		<1	0.34	6	8	4.73	1330	1.4	1.72	80.0	324	<20	<50	0.12	<1
C67505 (501785)		<1	1.82	14	51	2.09	538	2.1	3.57	21.4	608	<20	<50	0.04	<1
C67506 (501786)		<1	0.45	9	11	4.52	1330	1.9	2.35	109	918	<20	<50	0.10	<1
C67507 (501787)		<1	1.38	16	38	1.98	477	2.4	3.52	25.3	476	<20	<50	0.20	<1
C67508 (501788)		<1	1.42	19	28	1.72	526	3.7	3.47	17.8	449	<20	<50	0.10	<1
C67509 (501789)		<1	1.77	16	32	2.00	688	1.9	3.20	32.8	546	<20	<50	0.16	<1
C67510 (501790)		<1	2.03	15	43	2.05	448	2.4	3.11	18.5	513	<20	<50	0.09	<1
C67511 (501791)		<1	1.80	12	30	1.56	552	2.0	4.04	23.5	624	<20	<50	0.08	<1
C67512 (501792)		<1	0.02	2	1	2.37	142	<0.5	0.06	0.6	69	<20	<50	0.04	<1
C67513 (501793)		<1	1.94	15	24	1.42	373	1.4	3.17	13.5	361	<20	<50	0.02	<1
C67514 (501794)		<1	2.23	9	41	1.23	315	2.3	2.83	12.3	338	<20	<50	0.02	<1
C67515 (501795)		<1	2.66	18	42	1.86	445	2.0	2.79	16.4	452	<20	<50	0.04	<1
C67516 (501796)		<1	2.12	18	34	1.74	416	1.8	2.81	14.3	493	<20	<50	0.01	<1
C67517 (501797)		<1	2.01	15	36	1.60	369	1.5	2.82	12.9	304	<20	<50	0.03	<1
C67518 (501798)		<1	1.97	16	35	1.57	357	2.5	2.84	13.4	283	<20	<50	0.02	<1
C67519 (501799)		<1	1.97	19	36	1.41	377	2.4	2.81	13.7	195	<20	<50	0.02	<1

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 04, 2019	DATE RECEIVED: Sep 05, 2019					DATE REPORTED: Sep 30, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
C67520 (501800)	<1	1.99	12	31	1.47	375	1.8	2.82	14.6	142	<20	<50	0.03	<1	
C67521 (501801)	<1	1.65	7	53	0.87	284	2.5	2.88	9.6	162	<20	<50	0.01	<1	
C67522 (501802)	<1	2.58	17	45	1.85	418	1.8	2.63	16.1	462	<20	<50	0.03	<1	
C67523 (501803)	<1	2.33	17	44	1.86	376	2.0	2.53	14.9	489	<20	<50	0.02	<1	
C67524 (501804)	<1	3.04	15	34	1.41	330	1.4	2.44	12.4	427	<20	<50	0.01	1	
C67525 (501805)	<1	1.58	15	34	1.14	326	1.9	2.37	18.9	488	<20	<50	0.02	<1	
C67526 (501806)	<1	0.20	3	13	4.38	1350	1.6	2.29	83.8	400	<20	<50	0.16	<1	
C67527 (501807)	<1	2.84	17	25	1.14	418	2.4	1.51	16.0	493	<20	<50	0.02	<1	
C67528 (501808)	<1	3.50	18	22	1.17	408	2.4	0.89	10.2	370	<20	<50	0.05	<1	
C67529 (501809)	<1	3.21	21	21	0.96	300	2.7	0.98	3.7	94	<20	<50	0.02	<1	
C67530 (501810)	<1	4.41	19	17	0.76	211	2.9	1.13	3.8	128	<20	<50	0.02	<1	
C67531 (501811)	<1	2.84	24	29	1.28	344	3.1	1.65	12.1	372	<20	<50	0.06	<1	
C67532 (501812)	<1	0.04	<2	2	3.20	123	<0.5	0.04	0.8	78	<20	<50	0.04	<1	
C67533 (501813)	<1	2.98	28	17	0.74	214	2.3	1.49	2.0	59	<20	<50	0.01	<1	
C67534 (501814)	<1	3.84	24	16	0.66	202	2.6	1.30	2.4	36	<20	<50	0.02	<1	
C67535 (501815)	<1	1.78	23	20	0.85	280	2.6	2.26	5.4	253	<20	<50	0.09	<1	
C67536 (501816)	<1	4.11	6	10	0.23	117	2.4	0.77	3.2	90	25	<50	0.01	<1	
C67537 (501817)	<1	1.76	25	27	1.12	312	1.9	2.67	11.5	506	<20	<50	0.02	<1	
C67538 (501818)	<1	1.75	26	27	1.13	311	2.5	2.69	10.6	542	<20	<50	0.02	<1	
C67539 (501819)	<1	2.55	29	44	1.29	413	2.3	2.75	8.7	512	<20	<50	0.02	<1	
C67540 (501820)	<1	4.28	24	22	1.05	416	2.0	1.85	13.2	425	21	<50	0.02	<1	
C67541 (501821)	<1	2.65	62	49	1.50	445	2.5	2.64	13.1	385	<20	<50	0.02	<1	
C67542 (501822)	<1	2.07	30	46	1.47	399	2.2	2.92	16.3	811	<20	<50	0.04	<1	
C67543 (501823)	<1	2.07	25	33	1.32	412	1.8	2.72	13.5	501	<20	<50	0.02	<1	
C67544 (501824)	<1	0.74	5	15	0.29	140	3.0	1.90	5.0	62	<20	<50	<0.01	1	
C67545 (501825)	<1	3.19	20	54	2.34	445	2.3	2.89	24.0	445	<20	<50	0.24	<1	
C67546 (501826)	<1	0.43	9	11	4.38	1300	1.8	2.31	104	843	<20	<50	0.09	<1	
C67547 (501827)	<1	2.59	14	41	2.46	516	1.9	2.96	23.6	479	<20	<50	0.09	<1	
C67548 (501828)	<1	2.16	29	26	0.99	363	2.2	2.19	15.2	750	<20	<50	0.03	<1	
C67549 (501829)	<1	2.68	36	18	1.11	421	3.4	3.06	18.7	497	<20	<50	0.09	<1	
C67550 (501830)	<1	1.94	27	32	1.24	370	3.5	2.54	20.5	801	<20	<50	0.03	<1	
C67551 (501831)	<1	2.03	26	38	1.22	278	1.6	2.45	13.2	742	<20	<50	0.03	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T514365

PROJECT: AGAT00771

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 04, 2019	DATE RECEIVED: Sep 05, 2019		DATE REPORTED: Sep 30, 2019				SAMPLE TYPE: Drill Core								
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
C67552 (501832)	<1	0.03	<2	2	2.43	117	<0.5	0.05	0.8	89	<20	<50	0.04	2	
C67553 (501833)	<1	2.03	19	37	1.47	316	2.7	2.67	16.5	486	<20	<50	0.07	<1	
C67554 (501834)	<1	2.18	28	42	1.72	395	1.9	2.83	18.7	759	<20	<50	0.04	<1	
C67555 (501835)	<1	1.39	20	24	1.03	283	1.6	3.46	8.0	440	<20	<50	0.03	<1	
C67556 (501836)	<1	2.10	25	39	1.85	374	1.6	3.08	13.3	765	<20	<50	0.08	<1	
C67557 (501837)	<1	1.81	27	40	1.82	352	1.2	3.42	13.0	801	<20	<50	0.03	<1	
C67558 (501838)	<1	1.79	29	41	1.80	336	1.5	3.39	13.2	790	<20	<50	0.04	<1	
C67559 (501839)	<1	1.71	23	39	1.84	293	2.1	3.91	14.3	621	<20	<50	0.02	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 04, 2019	DATE RECEIVED: Sep 05, 2019					DATE REPORTED: Sep 30, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
C67488 (501768)	39	<10	<5	170	<10	<10	<5	0.38	<5	<50	200	<1	14	64.9	
C67489 (501769)	46	<10	<5	164	<10	<10	<5	0.67	<5	<50	271	<1	21	81.8	
C67490 (501770)	42	<10	<5	169	<10	<10	<5	0.60	<5	<50	253	<1	18	74.3	
C67491 (501771)	39	<10	<5	175	<10	<10	<5	0.41	<5	<50	217	<1	12	60.7	
C67492 (501772)	1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	2.7	<1	2	4.2	
C67493 (501773)	43	<10	<5	179	<10	<10	<5	0.50	<5	<50	244	<1	15	69.2	
C67494 (501774)	44	<10	<5	172	<10	<10	<5	0.55	<5	<50	261	<1	16	73.7	
C67495 (501775)	62	<10	8	269	<10	<10	<5	0.24	<5	<50	238	<1	14	85.8	
C67496 (501776)	45	<10	<5	186	<10	<10	<5	0.53	<5	<50	250	<1	15	82.2	
C67497 (501777)	44	<10	<5	169	<10	<10	<5	0.53	<5	<50	253	<1	15	73.5	
C67498 (501778)	42	<10	<5	175	<10	<10	<5	0.52	<5	<50	244	<1	14	72.3	
C67499 (501779)	44	<10	<5	170	<10	<10	<5	0.56	<5	<50	262	<1	16	74.8	
C67500 (501780)	42	<10	<5	174	<10	<10	<5	0.61	<5	<50	267	<1	16	80.8	
C67501 (501781)	42	<10	<5	186	<10	<10	<5	0.66	<5	<50	275	<1	17	85.4	
C67502 (501782)	41	<10	<5	182	<10	<10	<5	0.61	<5	<50	268	<1	17	81.5	
C67503 (501783)	42	<10	<5	176	<10	<10	<5	0.63	<5	<50	273	<1	17	84.0	
C67504 (501784)	41	<10	<5	177	<10	<10	<5	0.56	<5	<50	249	<1	15	74.6	
C67505 (501785)	9	<10	<5	173	<10	<10	<5	0.22	<5	<50	54.8	<1	7	57.4	
C67506 (501786)	34	<10	<5	253	<10	<10	<5	0.88	<5	<50	244	<1	22	95.5	
C67507 (501787)	10	<10	<5	175	<10	<10	<5	0.25	<5	<50	57.7	<1	7	65.1	
C67508 (501788)	8	<10	<5	176	<10	<10	<5	0.23	<5	<50	46.4	<1	7	85.5	
C67509 (501789)	10	<10	<5	172	<10	<10	<5	0.25	<5	<50	58.1	<1	6	200	
C67510 (501790)	8	<10	<5	187	<10	<10	<5	0.24	<5	<50	49.0	<1	6	90.4	
C67511 (501791)	7	<10	<5	179	<10	<10	<5	0.19	<5	<50	36.6	<1	7	35.5	
C67512 (501792)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	3.7	
C67513 (501793)	7	<10	<5	197	<10	<10	<5	0.21	<5	<50	41.5	<1	6	53.5	
C67514 (501794)	7	<10	<5	162	<10	<10	<5	0.16	<5	<50	32.0	<1	5	48.4	
C67515 (501795)	8	<10	<5	191	<10	<10	<5	0.25	<5	<50	49.1	<1	6	64.4	
C67516 (501796)	7	<10	<5	194	<10	<10	<5	0.24	<5	<50	43.1	<1	6	60.1	
C67517 (501797)	6	<10	<5	175	<10	<10	<5	0.20	<5	<50	37.7	<1	5	61.1	
C67518 (501798)	6	<10	<5	176	<10	<10	<5	0.20	<5	<50	37.4	<1	5	59.5	
C67519 (501799)	7	<10	6	143	<10	<10	<5	0.19	<5	<50	36.3	<1	5	93.6	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T514365

PROJECT: AGAT00771

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 04, 2019	DATE RECEIVED: Sep 05, 2019					DATE REPORTED: Sep 30, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
C67520 (501800)	8	<10	7	143	<10	<10	<5	0.19	<5	<50	36.1	<1	3	112	
C67521 (501801)	9	<10	6	141	<10	<10	<5	0.14	<5	<50	33.6	<1	3	68.8	
C67522 (501802)	7	<10	<5	178	<10	<10	<5	0.25	<5	<50	46.7	<1	5	77.7	
C67523 (501803)	7	<10	<5	166	<10	<10	<5	0.24	<5	<50	43.4	<1	6	75.6	
C67524 (501804)	6	<10	<5	168	<10	<10	<5	0.20	<5	<50	35.4	<1	8	68.8	
C67525 (501805)	7	<10	<5	146	<10	<10	<5	0.22	<5	<50	41.4	<1	7	105	
C67526 (501806)	44	<10	<5	113	<10	<10	<5	0.68	<5	<50	300	<1	22	81.7	
C67527 (501807)	8	<10	<5	170	<10	<10	<5	0.23	<5	<50	44.7	<1	9	81.4	
C67528 (501808)	5	<10	<5	167	<10	<10	<5	0.17	<5	<50	29.6	<1	10	85.7	
C67529 (501809)	3	<10	<5	121	<10	<10	<5	0.06	<5	<50	8.9	<1	10	49.7	
C67530 (501810)	3	<10	<5	135	<10	<10	<5	0.07	<5	<50	9.7	<1	8	34.3	
C67531 (501811)	6	<10	<5	148	<10	<10	<5	0.17	<5	<50	32.2	<1	11	52.6	
C67532 (501812)	<1	<10	<5	60	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	4.0	
C67533 (501813)	2	<10	<5	118	<10	<10	<5	0.05	<5	<50	3.3	<1	8	29.7	
C67534 (501814)	2	<10	<5	148	<10	<10	<5	0.04	<5	<50	1.5	<1	7	23.1	
C67535 (501815)	5	<10	<5	157	<10	<10	<5	0.12	<5	<50	18.8	<1	7	49.1	
C67536 (501816)	2	<10	<5	86	<10	<10	<5	0.05	<5	<50	6.0	<1	3	28.6	
C67537 (501817)	6	<10	<5	135	<10	<10	<5	0.23	<5	<50	38.6	<1	8	66.9	
C67538 (501818)	6	<10	<5	135	<10	<10	<5	0.23	<5	<50	39.5	<1	9	66.9	
C67539 (501819)	7	<10	<5	131	<10	<10	<5	0.25	<5	<50	43.8	<1	10	79.4	
C67540 (501820)	11	<10	<5	199	<10	<10	<5	0.16	<5	<50	41.0	<1	6	70.3	
C67541 (501821)	9	<10	9	121	<10	<10	31	0.28	<5	<50	42.4	<1	12	168	
C67542 (501822)	7	<10	<5	199	<10	<10	<5	0.31	<5	<50	53.3	<1	9	85.1	
C67543 (501823)	7	<10	6	138	<10	<10	<5	0.26	<5	<50	44.3	<1	7	113	
C67544 (501824)	2	<10	<5	80	<10	<10	<5	0.05	<5	<50	8.0	<1	2	34.4	
C67545 (501825)	9	<10	<5	191	<10	<10	<5	0.25	<5	<50	54.0	<1	6	71.9	
C67546 (501826)	34	<10	<5	248	<10	<10	<5	0.85	<5	<50	240	<1	22	92.5	
C67547 (501827)	8	<10	<5	162	<10	<10	<5	0.26	<5	<50	53.9	<1	4	58.6	
C67548 (501828)	7	<10	<5	212	<10	<10	<5	0.30	<5	<50	52.2	<1	10	59.1	
C67549 (501829)	7	<10	<5	392	<10	<10	<5	0.20	<5	<50	42.7	<1	9	132	
C67550 (501830)	7	<10	<5	212	<10	<10	<5	0.31	<5	<50	57.7	<1	9	58.8	
C67551 (501831)	6	<10	<5	185	<10	<10	<5	0.26	<5	<50	46.2	<1	8	55.0	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T514365

PROJECT: AGAT00771

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 04, 2019	DATE RECEIVED: Sep 05, 2019					DATE REPORTED: Sep 30, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Sample ID (AGAT ID)															
C67552 (501832)	<1	<10	<5	73	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	2.8	
C67553 (501833)	6	<10	<5	196	<10	<10	<5	0.22	<5	<50	40.7	<1	7	60.1	
C67554 (501834)	7	<10	<5	218	<10	<10	<5	0.32	<5	<50	55.9	<1	8	71.6	
C67555 (501835)	5	<10	<5	195	<10	<10	<5	0.19	<5	<50	33.0	<1	6	49.3	
C67556 (501836)	8	<10	<5	230	<10	<10	<5	0.33	<5	<50	59.1	<1	7	60.4	
C67557 (501837)	7	<10	<5	268	<10	<10	<5	0.32	<5	<50	57.5	<1	7	50.0	
C67558 (501838)	8	<10	<5	270	<10	<10	<5	0.33	<5	<50	59.1	<1	7	48.7	
C67559 (501839)	7	<10	<5	252	<10	<10	<5	0.27	<5	<50	52.9	<1	5	43.5	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 04, 2019      DATE RECEIVED: Sep 05, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C67488 (501768)				48
C67489 (501769)				63
C67490 (501770)				55
C67491 (501771)				38
C67492 (501772)				<5
C67493 (501773)				47
C67494 (501774)				46
C67495 (501775)				24
C67496 (501776)				43
C67497 (501777)				44
C67498 (501778)				40
C67499 (501779)				44
C67500 (501780)				46
C67501 (501781)				52
C67502 (501782)				49
C67503 (501783)				49
C67504 (501784)				49
C67505 (501785)				75
C67506 (501786)				101
C67507 (501787)				66
C67508 (501788)				72
C67509 (501789)				52
C67510 (501790)				42
C67511 (501791)				39
C67512 (501792)				<5
C67513 (501793)				72
C67514 (501794)				55
C67515 (501795)				75
C67516 (501796)				40
C67517 (501797)				45
C67518 (501798)				47
C67519 (501799)				68

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T514365

PROJECT: AGAT00771

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 04, 2019      DATE RECEIVED: Sep 05, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
C67520 (501800)			65
C67521 (501801)			111
C67522 (501802)			44
C67523 (501803)			55
C67524 (501804)			70
C67525 (501805)			80
C67526 (501806)			57
C67527 (501807)			81
C67528 (501808)			77
C67529 (501809)			60
C67530 (501810)			66
C67531 (501811)			80
C67532 (501812)			<5
C67533 (501813)			77
C67534 (501814)			75
C67535 (501815)			97
C67536 (501816)			161
C67537 (501817)			134
C67538 (501818)			133
C67539 (501819)			112
C67540 (501820)			87
C67541 (501821)			104
C67542 (501822)			121
C67543 (501823)			109
C67544 (501824)			44
C67545 (501825)			33
C67546 (501826)			99
C67547 (501827)			24
C67548 (501828)			109
C67549 (501829)			106
C67550 (501830)			120
C67551 (501831)			121

Certified By:



## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 04, 2019	DATE RECEIVED: Sep 05, 2019	DATE REPORTED: Sep 30, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C67552 (501832)				<5
C67553 (501833)				86
C67554 (501834)				104
C67555 (501835)				91
C67556 (501836)				111
C67557 (501837)				54
C67558 (501838)				62
C67559 (501839)				21

Comments: RDL - Reported Detection Limit  
 501768-501839 As, Sb values may be low due to digestion losses.  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T514365

PROJECT: AGAT00771

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 04, 2019      DATE RECEIVED: Sep 05, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C67488 (501768)			0.009
C67489 (501769)			0.017
C67490 (501770)			0.020
C67491 (501771)			0.017
C67492 (501772)			0.004
C67493 (501773)			0.010
C67494 (501774)			0.007
C67495 (501775)			0.013
C67496 (501776)			0.011
C67497 (501777)			0.012
C67498 (501778)			0.013
C67499 (501779)			0.025
C67500 (501780)			0.009
C67501 (501781)			0.008
C67502 (501782)			0.010
C67503 (501783)			0.013
C67504 (501784)			0.014
C67505 (501785)			0.009
C67506 (501786)			0.327
C67507 (501787)			0.009
C67508 (501788)			0.007
C67509 (501789)			0.007
C67510 (501790)			0.005
C67511 (501791)			0.001
C67512 (501792)			0.003
C67513 (501793)			0.010
C67514 (501794)			0.007
C67515 (501795)			0.008
C67516 (501796)			0.010
C67517 (501797)			0.006
C67518 (501798)			0.009
C67519 (501799)			0.012

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T514365

PROJECT: AGAT00771

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 04, 2019      DATE RECEIVED: Sep 05, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C67520 (501800)			0.008
C67521 (501801)			0.008
C67522 (501802)			0.009
C67523 (501803)			0.006
C67524 (501804)			0.005
C67525 (501805)			0.013
C67526 (501806)			0.521
C67527 (501807)			0.011
C67528 (501808)			0.008
C67529 (501809)			0.006
C67530 (501810)			0.008
C67531 (501811)			0.006
C67532 (501812)			0.008
C67533 (501813)			0.007
C67534 (501814)			0.010
C67535 (501815)			0.007
C67536 (501816)			0.009
C67537 (501817)			0.012
C67538 (501818)			0.015
C67539 (501819)			0.011
C67540 (501820)			0.007
C67541 (501821)			0.006
C67542 (501822)			0.006
C67543 (501823)			0.008
C67544 (501824)			0.007
C67545 (501825)			0.016
C67546 (501826)			0.345
C67547 (501827)			0.007
C67548 (501828)			0.012
C67549 (501829)			0.009
C67550 (501830)			0.007
C67551 (501831)			0.009

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T514365

PROJECT: AGAT00771

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 04, 2019      DATE RECEIVED: Sep 05, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au	ppm	0.001	
C67552 (501832)				0.008
C67553 (501833)				0.011
C67554 (501834)				0.006
C67555 (501835)				0.009
C67556 (501836)				0.011
C67557 (501837)				0.012
C67558 (501838)				0.011
C67559 (501839)				0.010

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T514365

PROJECT: AGAT00771

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Sep 04, 2019	DATE RECEIVED: Sep 05, 2019	DATE REPORTED: Sep 30, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
C67489 (501769)		86.80
C67507 (501787)		86.83
C67527 (501807)		87.30
C67547 (501827)		88.68

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T514365

PROJECT: AGAT00771

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Sep 04, 2019	DATE RECEIVED: Sep 05, 2019	DATE REPORTED: Sep 30, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL: 0.01
C67488 (501768)	87.73
C67524 (501804)	85.00

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	501768	< 0.5	< 0.5	0.0%	501782	< 0.5	< 0.5	0.0%	501793	< 0.5	< 0.5	0.0%	501807	< 0.5	< 0.5	0.0%
Al	501768	7.83	7.92	1.1%	501782	8.11	7.76	4.4%	501793	8.02	7.84	2.3%	501807	8.10	8.12	0.2%
As	501768	< 1	< 1	0.0%	501782	< 1	< 1	0.0%	501793	< 1	2		501807	< 1	< 1	0.0%
Ba	501768	211	215	1.9%	501782	124	120	3.3%	501793	448	427	4.8%	501807	712	717	0.7%
Be	501768	0.6	0.6	0.0%	501782	0.5	0.5	0.0%	501793	1.1	1.0	9.5%	501807	1.3	1.3	0.0%
Bi	501768	< 1	< 1	0.0%	501782	< 1	< 1	0.0%	501793	< 1	< 1	0.0%	501807	< 1	< 1	0.0%
Ca	501768	7.56	7.65	1.2%	501782	7.78	7.56	2.9%	501793	1.70	1.87	9.5%	501807	2.92	2.89	1.0%
Cd	501768	< 0.5	< 0.5	0.0%	501782	< 0.5	< 0.5	0.0%	501793	< 0.5	< 0.5	0.0%	501807	< 0.5	< 0.5	0.0%
Ce	501768	12	13	8.0%	501782	14	13	7.4%	501793	30	34	12.5%	501807	34	35	2.9%
Co	501768	35.3	34.4	2.6%	501782	43.2	41.5	4.0%	501793	6.72	7.27	7.9%	501807	6.71	6.51	3.0%
Cr	501768	154	162	5.1%	501782	60.0	61.0	1.7%	501793	14.9	16.6	10.8%	501807	29.6	24.2	20.1%
Cu	501768	65.6	65.3	0.5%	501782	85.6	81.4	5.0%	501793	0.9	0.7	25.0%	501807	0.9	1.4	
Fe	501768	5.96	5.93	0.5%	501782	8.39	8.16	2.8%	501793	2.57	2.58	0.4%	501807	2.83	2.85	0.7%
Ga	501768	13	13	0.0%	501782	16	15	6.5%	501793	18	18	0.0%	501807	17	17	0.0%
In	501768	< 1	< 1	0.0%	501782	< 1	< 1	0.0%	501793	< 1	< 1	0.0%	501807	< 1	< 1	0.0%
K	501768	0.505	0.503	0.4%	501782	0.232	0.224	3.5%	501793	1.94	1.96	1.0%	501807	2.84	2.85	0.4%
La	501768	6	6	0.0%	501782	7	6	15.4%	501793	15	16	6.5%	501807	17	16	6.1%
Li	501768	7	7	0.0%	501782	6	6	0.0%	501793	24	22	8.7%	501807	25	24	4.1%
Mg	501768	4.93	4.83	2.0%	501782	4.59	4.38	4.7%	501793	1.42	1.50	5.5%	501807	1.14	1.14	0.0%
Mn	501768	1160	1150	0.9%	501782	1420	1360	4.3%	501793	373	371	0.5%	501807	418	419	0.2%
Mo	501768	1.1	1.6		501782	1.2	1.5	22.2%	501793	1.4	1.8	25.0%	501807	2.45	2.51	2.4%
Na	501768	1.93	1.98	2.6%	501782	1.57	1.52	3.2%	501793	3.17	3.02	4.8%	501807	1.51	1.49	1.3%
Ni	501768	83.1	82.4	0.8%	501782	69.6	67.2	3.5%	501793	13.5	14.2	5.1%	501807	16.0	15.9	0.6%
P	501768	272	278	2.2%	501782	329	310	5.9%	501793	361	362	0.3%	501807	493	498	1.0%
Pb	501768	< 20	< 20	0.0%	501782	< 20	< 20	0.0%	501793	< 20	< 20	0.0%	501807	< 20	< 20	0.0%
Rb	501768	< 50	< 50	0.0%	501782	< 50	< 50	0.0%	501793	< 50	< 50	0.0%	501807	< 50	< 50	0.0%
S	501768	0.08	0.08	0.0%	501782	0.123	0.114	7.6%	501793	0.02	0.02	0.0%	501807	0.02	0.02	0.0%
Sb	501768	< 1	< 1	0.0%	501782	< 1	< 1	0.0%	501793	< 1	< 1	0.0%	501807	< 1	< 1	0.0%
Sc	501768	39	39	0.0%	501782	41	40	2.5%	501793	7	7	0.0%	501807	8	8	0.0%
Se	501768	< 10	< 10	0.0%	501782	< 10	< 10	0.0%	501793	< 10	< 10	0.0%	501807	< 10	< 10	0.0%
Sn	501768	< 5	< 5	0.0%	501782	< 5	< 5	0.0%	501793	< 5	< 5	0.0%	501807	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	501768	170	176	3.5%	501782	182	177	2.8%	501793	197	190	3.6%	501807	170	168	1.2%
Ta	501768	< 10	< 10	0.0%	501782	< 10	< 10	0.0%	501793	< 10	< 10	0.0%	501807	< 10	< 10	0.0%
Te	501768	< 10	< 10	0.0%	501782	< 10	< 10	0.0%	501793	< 10	< 10	0.0%	501807	< 10	< 10	0.0%
Th	501768	< 5	< 5	0.0%	501782	< 5	< 5	0.0%	501793	< 5	< 5	0.0%	501807	< 5	< 5	0.0%
Ti	501768	0.38	0.38	0.0%	501782	0.61	0.60	1.7%	501793	0.21	0.21	0.0%	501807	0.233	0.238	2.1%
Tl	501768	< 5	< 5	0.0%	501782	< 5	< 5	0.0%	501793	< 5	< 5	0.0%	501807	< 5	< 5	0.0%
U	501768	< 50	< 50	0.0%	501782	< 50	< 50	0.0%	501793	< 50	< 50	0.0%	501807	< 50	< 50	0.0%
V	501768	200	199	0.5%	501782	268	258	3.8%	501793	41.5	41.5	0.0%	501807	44.7	43.8	2.0%
W	501768	< 1	< 1	0.0%	501782	< 1	< 1	0.0%	501793	< 1	< 1	0.0%	501807	< 1	< 1	0.0%
Y	501768	14	14	0.0%	501782	17	16	6.1%	501793	6	6	0.0%	501807	9	9	0.0%
Zn	501768	64.9	64.6	0.5%	501782	81.5	79.1	3.0%	501793	53.5	57.5	7.2%	501807	81.4	82.7	1.6%
Zr	501768	48	48	0.0%	501782	49	47	4.2%	501793	72	76	5.4%	501807	81	83	2.4%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	501818	< 0.5	< 0.5	0.0%	501832	< 0.5	< 0.5	0.0%								
Al	501818	7.88	7.97	1.1%	501832	0.11	0.11	0.0%								
As	501818	< 1	< 1	0.0%	501832	< 1	< 1	0.0%								
Ba	501818	748	740	1.1%	501832	26	25	3.9%								
Be	501818	1.3	1.3	0.0%	501832	< 0.5	< 0.5	0.0%								
Bi	501818	< 1	< 1	0.0%	501832	< 1	< 1	0.0%								
Ca	501818	2.30	2.39	3.8%	501832	31.4	31.6	0.6%								
Cd	501818	< 0.5	< 0.5	0.0%	501832	< 0.5	< 0.5	0.0%								
Ce	501818	53	51	3.8%	501832	< 1	< 1	0.0%								
Co	501818	5.91	6.21	5.0%	501832	< 0.5	0.6									
Cr	501818	36.2	35.0	3.4%	501832	5.7	7.4	26.0%								
Cu	501818	< 0.5	< 0.5	0.0%	501832	< 0.5	< 0.5	0.0%								
Fe	501818	2.59	2.60	0.4%	501832	0.13	0.13	0.0%								
Ga	501818	17	17	0.0%	501832	< 5	< 5	0.0%								
In	501818	< 1	< 1	0.0%	501832	< 1	< 1	0.0%								
K	501818	1.75	1.75	0.0%	501832	0.03	0.03	0.0%								
La	501818	26	25	3.9%	501832	< 2	< 2	0.0%								
Li	501818	27	27	0.0%	501832	2	2	0.0%								
Mg	501818	1.13	1.13	0.0%	501832	2.43	2.46	1.2%								
Mn	501818	311	311	0.0%	501832	117	118	0.9%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	501818	2.5	2.1	17.4%	501832	< 0.5	< 0.5	0.0%								
Na	501818	2.69	2.72	1.1%	501832	0.05	0.05	0.0%								
Ni	501818	10.6	11.0	3.7%	501832	0.8	0.7	13.3%								
P	501818	542	521	4.0%	501832	89	88	1.1%								
Pb	501818	< 20	< 20	0.0%	501832	< 20	< 20	0.0%								
Rb	501818	< 50	< 50	0.0%	501832	< 50	< 50	0.0%								
S	501818	0.02	0.02	0.0%	501832	0.036	0.031	14.9%								
Sb	501818	< 1	< 1	0.0%	501832	2	< 1									
Sc	501818	6	6	0.0%	501832	< 1	< 1	0.0%								
Se	501818	< 10	< 10	0.0%	501832	< 10	< 10	0.0%								
Sn	501818	< 5	< 5	0.0%	501832	< 5	< 5	0.0%								
Sr	501818	135	140	3.6%	501832	73	74	1.4%								
Ta	501818	< 10	< 10	0.0%	501832	< 10	< 10	0.0%								
Te	501818	< 10	< 10	0.0%	501832	< 10	< 10	0.0%								
Th	501818	< 5	< 5	0.0%	501832	< 5	< 5	0.0%								
Ti	501818	0.23	0.23	0.0%	501832	< 0.01	< 0.01	0.0%								
Tl	501818	< 5	< 5	0.0%	501832	< 5	< 5	0.0%								
U	501818	< 50	< 50	0.0%	501832	< 50	< 50	0.0%								
V	501818	39.5	40.3	2.0%	501832	1.22	1.47	18.6%								
W	501818	< 1	< 1	0.0%	501832	< 1	< 1	0.0%								
Y	501818	9	8	11.8%	501832	2	2	0.0%								
Zn	501818	66.9	67.4	0.7%	501832	2.81	3.00	6.5%								
Zr	501818	133	132	0.8%	501832	< 5	< 5	0.0%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	501768	0.009	0.012	28.6%	501782	0.010	0.007		501793	0.010	0.006		501807	0.011	0.010	9.5%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	501818	0.015	0.008		501832	0.008	0.009	11.8%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS4H)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP5G)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	2.86	94%	90% - 110%
Al	10.95	10.61	97%	90% - 110%	8.17	8.2	100%	90% - 110%	6.96	6.84	98%	90% - 110%	4.75	4.71	99%	90% - 110%
As					26	25	97%	90% - 110%	124	125	101%	90% - 110%				
Ba	340	317	93%	90% - 110%	540	505	94%	90% - 110%	186	180	97%	90% - 110%	216	205	95%	90% - 110%
Be	2.6	2.8	107%	90% - 110%	4.0	3.5	87%	90% - 110%								
Ca	5.72	5.54	97%	90% - 110%	0.907	0.901	99%	90% - 110%	4.01	3.9	97%	90% - 110%	10	9	91%	90% - 110%
Ce	122	113	93%	90% - 110%	98	96	98%	90% - 110%	24	23	96%	90% - 110%				
Co									22.1	20.1	91%	90% - 110%	191	161	84%	90% - 110%
Cr					60.3	63.6	105%	90% - 110%					670	655	98%	90% - 110%
Cu					150	148	99%	90% - 110%	88.6	80.9	91%	90% - 110%	7120	6936	97%	90% - 110%
Fe	4.34	4.08	94%	90% - 110%	3.77	3.77	100%	90% - 110%	7.56	7.43	98%	90% - 110%	12.71	11.75	92%	90% - 110%
Ga	35	33	95%	90% - 110%												
K	1.37	1.42	104%	90% - 110%					2.021	2.046	101%	90% - 110%	0.1021	0.1065	104%	90% - 110%
La	58	57	98%	90% - 110%	44	42	96%	90% - 110%					8.47	7.87	93%	90% - 110%
Li	37	39	105%	90% - 110%	47	48	101%	90% - 110%								
Mg	0.325	0.295	91%	90% - 110%	1.10	1.09	99%	90% - 110%	2.412	2.476	103%	90% - 110%	7.41	7.43	100%	90% - 110%
Mn					780	752	96%	90% - 110%	1510	1428	95%	90% - 110%				
Mo					14	15	104%	90% - 110%					2.49	2.95	118%	90% - 110%
Na	5.267	5.342	101%	90% - 110%	1.624	1.682	104%	90% - 110%	0.617	0.635	103%	90% - 110%	0.112	0.115	103%	90% - 110%
Ni	9	9	102%	90% - 110%	32	33	103%	90% - 110%	77.1	74.2	96%	90% - 110%	2480	2145	86%	90% - 110%
P					750	768	102%	90% - 110%	892	893	100%	90% - 110%	731	664	91%	90% - 110%
Pb	10	8	78%	90% - 110%	31	28	89%	90% - 110%								
S									0.348	0.339	97%	90% - 110%				
Sc	1.1	1	93%	90% - 110%	12	12	104%	90% - 110%					21.33	20.59	97%	90% - 110%
Sr	1191	1159	97%	90% - 110%	144	153	106%	90% - 110%	92.8	89.1	96%	90% - 110%	39	38	96%	90% - 110%
Ti	0.172	0.167	97%	90% - 110%	0.53	0.48	91%	90% - 110%					0.419	0.403	96%	90% - 110%
V	8	8	99%	90% - 110%	77	80	103%	90% - 110%					158	159	101%	90% - 110%
Y	119	124	104%	90% - 110%									12.67	12.55	99%	90% - 110%
Zn	93	95	103%	90% - 110%	130	128	98%	90% - 110%	208	215	104%	90% - 110%	112	113	101%	90% - 110%
Zr													35.7	36.7	103%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS4H)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP5G)				CRM #4 (ref.GSP7M)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.01	5.09	102%	90% - 110%	6.87	6.79	99%	90% - 110%	0.562	0.511	91%	90% - 110%	0.725	0.753	104%	90% - 110%



## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00771  
 SAMPLING SITE:

AGAT WORK ORDER: 19T514365  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00772

AGAT WORK ORDER: 19T514378

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 30, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T514378

PROJECT: AGAT00772

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 04, 2019      DATE RECEIVED: Sep 05, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C67560 (501925)		3.16
C67561 (501926)		0.67
C67562 (501927)		1.44
C67563 (501928)		2.68
C67564 (501929)		2.25
C67565 (501930)		0.67
C67566 (501931)		0.07
C67567 (501932)		0.72
C67568 (501933)		1.78
C67569 (501934)		1.07
C67570 (501935)		1.44
C67571 (501936)		1.23
C67572 (501937)		0.61
C67573 (501938)		1.98
C67574 (501939)		1.79
C67575 (501940)		3.51
C67576 (501941)		3.32
C67577 (501942)		1.85
C67578 (501943)		1.85
C67579 (501944)		0.94
C67580 (501945)		1.81
C67581 (501946)		2.33
C67582 (501947)		3.39
C67583 (501948)		2.78
C67584 (501949)		1.63
C67585 (501950)		2.35
C67586 (501951)		0.07
C67587 (501952)		1.37
C67588 (501953)		2.27
C67589 (501954)		1.24
C67590 (501955)		2.36

Certified By:



## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 04, 2019      DATE RECEIVED: Sep 05, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C67591 (501956)		1.17
C67592 (501957)		0.64
C67593 (501958)		0.96
C67594 (501959)		2.75
C67595 (501960)		2.98
C67596 (501961)		1.44
C67597 (501962)		0.68
C67598 (501963)		0.68
C67599 (501964)		3.03
C67600 (501965)		3.28
C67601 (501966)		2.29
C67602 (501967)		2.35
C67603 (501968)		2.04
C67604 (501969)		2.17
C67605 (501970)		3.55
C67606 (501971)		0.07
C67607 (501972)		2.09
C67608 (501973)		3.55
C67609 (501974)		3.41
C67610 (501975)		2.22
C67611 (501976)		2.26
C67612 (501977)		0.61
C67613 (501978)		0.94
C67614 (501979)		1.04
C67615 (501980)		1.04
C67616 (501981)		1.67
C67617 (501982)		1.23
C67618 (501983)		1.22
C67619 (501984)		1.86
C67620 (501985)		1.07
C67621 (501986)		0.75

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## Certificate of Analysis

AGAT WORK ORDER: 19T514378

PROJECT: AGAT00772

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 04, 2019      DATE RECEIVED: Sep 05, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
C67622 (501987)		3.07
C67623 (501988)		0.68
C67624 (501989)		3.54
C67625 (501990)		0.93
C67626 (501991)		0.07
C67627 (501992)		1.80
C67628 (501993)		3.47
C67629 (501994)		0.82
C67630 (501995)		0.71
C67631 (501996)		0.75
C67632 (501997)		0.64

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 04, 2019	DATE RECEIVED: Sep 05, 2019							DATE REPORTED: Sep 30, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C67560 (501925)	<0.5	7.85	<1	437	0.9	<1	1.15	<0.5	32	8.2	15.0	5.4	2.72	17	
C67561 (501926)	<0.5	7.93	1	481	1.5	<1	1.66	<0.5	57	10.0	16.1	45.7	2.93	18	
C67562 (501927)	<0.5	7.96	<1	816	1.5	<1	2.44	<0.5	73	9.6	35.6	18.0	3.11	18	
C67563 (501928)	<0.5	2.94	<1	1060	3.1	<1	8.47	<0.5	186	51.6	588	103	8.13	13	
C67564 (501929)	<0.5	7.44	1	978	1.6	<1	2.98	<0.5	63	10.8	30.8	28.2	3.13	18	
C67565 (501930)	<0.5	7.13	<1	513	1.1	<1	1.95	<0.5	59	8.8	12.3	27.8	2.85	16	
C67566 (501931)	<0.5	7.46	<1	191	0.6	<1	6.40	<0.5	21	37.3	154	103	7.78	18	
C67567 (501932)	<0.5	8.09	<1	657	1.1	<1	2.14	<0.5	68	8.4	14.7	8.8	2.96	18	
C67568 (501933)	<0.5	8.07	<1	598	1.0	<1	2.00	<0.5	71	9.0	15.3	<0.5	2.98	19	
C67569 (501934)	<0.5	7.62	<1	441	1.2	<1	1.88	<0.5	69	7.0	15.9	3.3	2.73	20	
C67570 (501935)	<0.5	6.92	<1	395	1.1	<1	1.31	<0.5	33	4.3	16.7	<0.5	2.26	18	
C67571 (501936)	<0.5	8.23	<1	394	1.6	<1	2.32	<0.5	55	8.5	19.2	8.0	3.10	20	
C67572 (501937)	<0.5	0.10	<1	16	<0.5	<1	30.0	<0.5	<1	<0.5	3.9	<0.5	0.13	<5	
C67573 (501938)	<0.5	7.53	<1	468	1.7	<1	1.56	<0.5	76	3.7	14.6	2.3	2.04	19	
C67574 (501939)	<0.5	8.06	<1	478	1.4	<1	2.22	<0.5	48	8.7	15.0	10.0	3.14	19	
C67575 (501940)	<0.5	8.04	<1	479	1.1	<1	2.99	<0.5	38	7.3	16.7	0.7	2.62	18	
C67576 (501941)	<0.5	8.00	<1	576	0.9	<1	2.35	<0.5	38	4.4	12.5	6.0	2.08	20	
C67577 (501942)	<0.5	7.80	<1	468	0.9	<1	2.41	<0.5	54	4.7	10.9	13.2	2.32	19	
C67578 (501943)	<0.5	7.91	<1	451	0.9	<1	2.40	<0.5	54	4.5	10.7	13.7	2.33	19	
C67579 (501944)	0.5	7.52	<1	791	1.1	<1	1.41	<0.5	39	3.1	8.9	<0.5	2.02	17	
C67580 (501945)	<0.5	7.92	<1	423	1.5	<1	2.78	<0.5	55	4.8	12.6	1.5	2.38	19	
C67581 (501946)	<0.5	7.75	<1	482	1.0	<1	2.46	<0.5	42	4.6	11.9	15.9	2.10	18	
C67582 (501947)	<0.5	8.00	<1	632	1.1	<1	2.69	<0.5	36	4.8	11.5	16.2	2.02	19	
C67583 (501948)	<0.5	7.96	<1	487	1.2	<1	2.78	<0.5	45	6.3	15.1	4.2	2.43	19	
C67584 (501949)	<0.5	7.62	<1	439	1.8	<1	2.66	<0.5	24	4.6	17.6	4.3	2.15	19	
C67585 (501950)	<0.5	7.20	<1	486	1.3	<1	3.13	<0.5	56	5.8	20.1	2.4	2.63	16	
C67586 (501951)	<0.5	7.20	<1	141	<0.5	<1	6.65	<0.5	9	38.6	149	145	7.90	16	
C67587 (501952)	<0.5	7.53	<1	414	1.1	<1	2.69	<0.5	62	4.5	12.8	<0.5	2.31	18	
C67588 (501953)	<0.5	7.34	<1	426	1.3	<1	2.50	<0.5	56	5.0	17.9	<0.5	2.37	17	
C67589 (501954)	<0.5	7.70	<1	376	1.5	<1	2.22	<0.5	52	4.3	14.4	<0.5	2.05	18	
C67590 (501955)	<0.5	6.79	<1	729	1.0	<1	1.12	<0.5	11	0.9	15.5	<0.5	1.13	14	
C67591 (501956)	<0.5	7.23	<1	453	2.2	<1	3.31	<0.5	38	6.1	23.8	<0.5	2.42	18	

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T514378

PROJECT: AGAT00772

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 04, 2019	DATE RECEIVED: Sep 05, 2019							DATE REPORTED: Sep 30, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C67592 (501957)	<0.5	0.09	<1	14	<0.5	<1	32.0	<0.5	<1	<0.5	1.5	<0.5	0.10	<5	
C67593 (501958)	<0.5	4.15	<1	451	0.8	<1	9.60	<0.5	53	17.8	79.5	<0.5	5.95	11	
C67594 (501959)	<0.5	6.90	1	681	1.4	<1	4.22	<0.5	30	6.8	30.3	<0.5	2.61	16	
C67595 (501960)	<0.5	7.78	<1	817	1.6	<1	2.72	<0.5	42	5.8	16.8	6.9	2.25	18	
C67596 (501961)	<0.5	8.03	<1	611	1.4	<1	2.78	<0.5	27	3.8	12.9	7.8	1.76	19	
C67597 (501962)	<0.5	8.10	3	330	1.7	<1	3.12	<0.5	29	3.6	15.7	<0.5	1.83	20	
C67598 (501963)	<0.5	8.17	<1	323	1.8	<1	3.09	<0.5	28	2.9	15.9	<0.5	1.67	21	
C67599 (501964)	<0.5	7.94	<1	484	1.3	<1	2.59	<0.5	23	3.8	15.1	11.8	1.64	19	
C67600 (501965)	<0.5	7.91	<1	463	1.2	<1	2.58	<0.5	24	3.8	19.5	1.4	1.72	19	
C67601 (501966)	<0.5	8.12	<1	577	1.1	<1	2.46	<0.5	27	3.9	15.2	0.7	1.85	19	
C67602 (501967)	<0.5	7.94	<1	480	1.2	<1	3.15	<0.5	64	6.2	19.2	29.9	2.62	18	
C67603 (501968)	<0.5	7.52	<1	456	1.4	<1	3.18	<0.5	46	7.7	21.5	19.2	2.67	17	
C67604 (501969)	<0.5	7.91	<1	583	1.6	<1	3.18	<0.5	48	7.9	23.3	14.6	2.76	18	
C67605 (501970)	<0.5	7.69	<1	492	1.6	<1	3.61	<0.5	75	7.4	22.9	2.6	2.93	17	
C67606 (501971)	<0.5	7.46	<1	186	0.6	<1	6.26	<0.5	21	36.4	154	102	7.66	18	
C67607 (501972)	<0.5	8.08	1	582	1.2	<1	3.34	<0.5	58	7.1	21.6	5.0	3.02	18	
C67608 (501973)	<0.5	7.93	<1	528	1.2	<1	2.32	<0.5	44	4.8	19.8	1.0	2.43	19	
C67609 (501974)	<0.5	7.95	<1	628	1.1	<1	2.13	<0.5	39	3.8	16.6	1.8	2.00	19	
C67610 (501975)	<0.5	7.87	<1	467	1.1	<1	2.42	<0.5	38	4.4	13.8	<0.5	2.06	19	
C67611 (501976)	<0.5	8.47	<1	608	1.6	<1	2.80	<0.5	56	5.6	16.2	4.0	2.39	20	
C67612 (501977)	<0.5	0.11	<1	26	<0.5	<1	31.1	<0.5	<1	<0.5	2.7	<0.5	0.10	<5	
C67613 (501978)	<0.5	7.74	<1	599	1.7	<1	2.01	<0.5	66	3.3	11.5	<0.5	1.86	20	
C67614 (501979)	<0.5	8.17	<1	340	1.6	<1	3.58	<0.5	85	5.7	23.3	7.0	2.92	19	
C67615 (501980)	1.0	7.91	<1	884	0.7	<1	0.84	<0.5	46	5.8	13.3	<0.5	3.30	21	
C67616 (501981)	<0.5	7.98	<1	357	1.3	<1	2.52	<0.5	61	6.7	15.9	7.1	2.84	19	
C67617 (501982)	<0.5	7.60	<1	1130	1.2	<1	2.57	<0.5	49	4.5	16.5	25.6	2.42	17	
C67618 (501983)	<0.5	7.70	<1	1130	1.2	<1	2.68	<0.5	52	5.2	22.2	26.8	2.49	18	
C67619 (501984)	<0.5	7.38	<1	526	1.5	<1	3.41	<0.5	88	9.3	23.3	3.9	3.51	18	
C67620 (501985)	1.2	6.28	<1	554	0.6	<1	0.71	<0.5	39	6.4	18.0	<0.5	3.34	20	
C67621 (501986)	<0.5	8.07	<1	216	1.4	<1	1.85	<0.5	50	8.1	15.7	2.8	3.32	20	
C67622 (501987)	0.6	7.60	<1	383	1.2	<1	1.47	<0.5	68	6.9	19.0	<0.5	3.15	21	
C67623 (501988)	<0.5	7.61	<1	295	1.0	<1	1.81	<0.5	71	8.6	20.0	23.0	3.18	19	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T514378

PROJECT: AGAT00772

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 04, 2019	DATE RECEIVED: Sep 05, 2019							DATE REPORTED: Sep 30, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C67624 (501989)	<0.5	8.08	<1	477	1.1	<1	2.80	<0.5	64	8.6	20.0	21.2	2.85	18	
C67625 (501990)	<0.5	7.30	<1	618	1.3	<1	2.06	<0.5	84	5.5	16.5	2.0	2.96	20	
C67626 (501991)	<0.5	7.27	<1	147	<0.5	<1	6.83	<0.5	9	38.6	153	153	8.11	16	
C67627 (501992)	<0.5	8.14	<1	613	1.2	<1	2.58	<0.5	68	7.1	16.6	12.2	2.95	20	
C67628 (501993)	<0.5	8.14	<1	746	1.2	<1	2.77	<0.5	60	8.3	19.5	20.8	3.06	18	
C67629 (501994)	<0.5	7.73	<1	416	1.2	<1	2.76	<0.5	52	6.2	13.2	28.3	2.40	17	
C67630 (501995)	0.7	6.99	<1	440	0.9	<1	1.28	<0.5	52	5.8	18.6	1.6	3.43	21	
C67631 (501996)	<0.5	7.90	<1	189	1.1	<1	1.69	<0.5	51	9.4	14.9	6.8	3.68	19	
C67632 (501997)	<0.5	0.09	<1	21	<0.5	<1	31.7	<0.5	<1	<0.5	5.9	<0.5	0.10	<5	

Certified By:





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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 04, 2019	DATE RECEIVED: Sep 05, 2019					DATE REPORTED: Sep 30, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
C67560 (501925)	<1	2.01	16	46	2.07	350	1.5	3.77	14.0	457	<20	<50	0.03	<1	
C67561 (501926)	<1	1.88	27	52	1.77	338	2.3	4.13	15.1	715	<20	<50	0.22	<1	
C67562 (501927)	<1	1.78	33	44	2.00	467	2.5	3.93	23.4	931	<20	<50	0.09	<1	
C67563 (501928)	<1	2.53	87	23	10.2	1530	2.2	1.15	419	2740	<20	<50	0.13	<1	
C67564 (501929)	<1	2.17	29	40	1.88	501	5.1	3.44	23.8	843	<20	<50	0.12	<1	
C67565 (501930)	<1	1.95	28	41	1.78	400	5.6	2.56	11.1	858	<20	<50	0.09	<1	
C67566 (501931)	<1	0.43	9	11	4.44	1310	1.7	2.44	106	862	<20	<50	0.10	<1	
C67567 (501932)	<1	2.00	31	40	1.73	392	4.2	3.21	12.3	885	<20	<50	0.04	<1	
C67568 (501933)	<1	2.04	32	37	1.69	386	1.8	3.11	11.6	843	<20	<50	0.02	<1	
C67569 (501934)	<1	2.28	32	33	1.27	406	1.4	3.12	10.8	443	<20	<50	0.02	<1	
C67570 (501935)	<1	2.97	15	16	0.98	307	1.8	2.42	8.0	165	<20	<50	0.01	<1	
C67571 (501936)	<1	2.05	26	28	1.53	407	1.8	2.96	15.9	682	<20	<50	0.04	<1	
C67572 (501937)	<1	0.03	<2	1	3.63	139	<0.5	0.05	<0.5	79	<20	<50	0.06	<1	
C67573 (501938)	<1	4.02	35	18	0.71	305	1.4	2.60	7.7	503	<20	<50	0.01	<1	
C67574 (501939)	<1	2.54	22	26	1.54	460	1.1	2.84	15.1	787	<20	<50	0.04	<1	
C67575 (501940)	<1	2.04	18	32	1.18	373	1.8	2.69	11.7	566	<20	<50	0.02	<1	
C67576 (501941)	<1	2.18	18	17	0.75	288	1.8	2.70	4.9	410	<20	<50	0.03	<1	
C67577 (501942)	<1	1.70	24	23	0.92	302	1.7	2.73	4.3	495	<20	<50	0.05	<1	
C67578 (501943)	<1	1.71	24	23	0.94	305	1.5	2.71	4.4	503	<20	<50	0.05	<1	
C67579 (501944)	<1	4.25	18	18	0.80	276	1.2	2.04	3.5	393	<20	<50	0.01	<1	
C67580 (501945)	<1	1.53	24	23	0.83	307	1.5	2.80	4.6	476	<20	<50	0.02	<1	
C67581 (501946)	<1	1.86	19	17	0.69	279	1.6	2.57	4.5	405	<20	<50	0.05	<1	
C67582 (501947)	<1	2.30	17	17	0.75	283	1.8	2.94	6.8	397	<20	<50	0.05	<1	
C67583 (501948)	<1	2.01	21	31	1.02	331	1.5	2.87	9.4	515	<20	<50	0.03	<1	
C67584 (501949)	<1	2.32	11	13	0.83	376	1.5	3.20	9.7	301	<20	<50	0.03	<1	
C67585 (501950)	<1	1.64	23	13	1.11	486	1.4	3.37	11.1	343	<20	<50	0.03	<1	
C67586 (501951)	<1	0.20	3	12	4.42	1350	1.5	2.36	84.7	389	<20	<50	0.16	<1	
C67587 (501952)	<1	1.68	26	15	0.82	374	1.2	3.27	8.2	464	<20	<50	0.02	<1	
C67588 (501953)	<1	1.72	24	23	0.82	367	1.5	3.44	8.4	533	<20	<50	0.02	<1	
C67589 (501954)	<1	1.40	24	14	0.61	291	1.9	4.08	7.2	458	<20	<50	0.02	<1	
C67590 (501955)	<1	4.46	5	3	0.27	180	1.8	2.27	4.3	47	23	<50	<0.01	<1	
C67591 (501956)	<1	1.37	17	11	0.94	449	1.6	3.48	12.9	257	<20	<50	0.01	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T514378

PROJECT: AGAT00772

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 04, 2019

DATE RECEIVED: Sep 05, 2019

DATE REPORTED: Sep 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
C67592 (501957)		<1	0.03	<2	<1	2.36	127	<0.5	0.05	<0.5	59	<20	<50	0.07	<1
C67593 (501958)		<1	1.98	21	4	3.36	1420	1.7	1.97	50.8	65	<20	<50	0.03	<1
C67594 (501959)		<1	1.87	13	10	1.25	544	1.5	3.52	19.3	181	<20	<50	0.02	<1
C67595 (501960)		<1	2.19	20	21	1.12	345	2.2	3.10	10.2	582	<20	<50	0.03	<1
C67596 (501961)		<1	1.53	13	14	0.57	290	1.8	3.14	4.7	355	<20	<50	0.04	<1
C67597 (501962)		<1	1.17	15	18	0.61	315	1.8	3.19	5.0	534	<20	<50	0.01	<1
C67598 (501963)		<1	1.11	14	19	0.55	283	1.9	3.28	3.8	577	<20	<50	0.01	<1
C67599 (501964)		<1	1.96	11	17	0.52	270	2.0	3.20	5.9	283	<20	<50	0.05	<1
C67600 (501965)		<1	2.70	12	12	0.60	293	2.2	3.17	7.4	219	<20	<50	0.02	<1
C67601 (501966)		<1	2.96	13	15	0.58	261	1.9	2.68	5.0	340	<20	<50	0.02	<1
C67602 (501967)		<1	1.92	28	24	1.19	372	2.4	2.56	7.4	665	<20	<50	0.08	<1
C67603 (501968)		<1	2.26	21	25	1.29	375	2.6	2.53	11.7	512	<20	<50	0.08	<1
C67604 (501969)		<1	1.75	22	22	1.17	345	3.4	3.12	12.2	584	<20	<50	0.05	<1
C67605 (501970)		<1	1.96	33	24	1.33	401	2.7	2.90	13.6	664	<20	<50	0.03	<1
C67606 (501971)		<1	0.44	9	10	4.43	1300	1.8	2.41	105	843	<20	<50	0.10	<1
C67607 (501972)		<1	2.41	26	29	1.38	403	1.7	2.52	10.6	719	<20	<50	0.04	<1
C67608 (501973)		<1	2.40	20	25	0.96	284	2.2	2.38	5.4	442	<20	<50	0.02	<1
C67609 (501974)		<1	2.83	19	19	0.63	276	2.3	2.48	4.1	351	<20	<50	0.02	<1
C67610 (501975)		<1	1.88	18	18	0.70	294	1.8	2.67	4.8	326	<20	<50	0.02	<1
C67611 (501976)		<1	1.96	25	20	0.79	362	2.1	3.15	7.1	583	<20	<50	0.04	<1
C67612 (501977)		<1	0.02	<2	1	1.59	101	<0.5	0.05	<0.5	98	<20	<50	0.07	<1
C67613 (501978)		<1	3.30	30	14	0.55	278	1.3	2.49	5.0	372	<20	<50	0.02	<1
C67614 (501979)		<1	1.82	37	21	1.03	449	2.0	3.18	9.9	805	<20	<50	0.06	<1
C67615 (501980)		<1	3.28	20	31	1.03	451	1.1	1.54	8.7	155	32	<50	0.02	<1
C67616 (501981)		<1	1.91	27	35	1.30	428	1.6	2.71	8.4	645	<20	<50	0.06	<1
C67617 (501982)		<1	3.05	21	18	0.84	344	1.4	2.32	7.7	443	<20	<50	0.10	<1
C67618 (501983)		<1	2.90	23	19	0.87	353	2.0	2.41	7.9	482	<20	<50	0.11	<1
C67619 (501984)		<1	1.99	38	40	1.77	541	1.9	2.43	15.1	631	<20	<50	0.04	<1
C67620 (501985)		<1	3.35	17	42	1.06	438	1.9	1.29	8.1	64	23	<50	0.02	<1
C67621 (501986)		<1	2.68	23	37	1.54	516	2.2	2.80	10.0	615	<20	<50	0.02	<1
C67622 (501987)		<1	3.44	31	40	1.26	465	2.1	2.38	8.3	346	20	<50	0.01	<1
C67623 (501988)		<1	2.45	32	38	1.51	477	2.1	2.66	10.8	522	<20	<50	0.07	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T514378

PROJECT: AGAT00772

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 04, 2019	DATE RECEIVED: Sep 05, 2019				DATE REPORTED: Sep 30, 2019				SAMPLE TYPE: Drill Core						
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
C67624 (501989)	<1	1.57	28	29	1.09	334	2.5	2.61	10.9	730	<20	<50	0.06	<1	
C67625 (501990)	<1	2.93	39	27	0.69	308	2.1	2.11	9.6	428	<20	<50	0.02	<1	
C67626 (501991)	<1	0.20	3	13	4.49	1430	1.4	2.41	84.5	398	<20	<50	0.17	<1	
C67627 (501992)	<1	2.10	31	31	1.08	338	1.8	2.56	11.5	722	<20	<50	0.04	<1	
C67628 (501993)	<1	2.03	27	38	1.41	362	2.1	2.68	10.5	736	<20	<50	0.05	<1	
C67629 (501994)	<1	1.47	24	20	0.96	309	2.9	2.72	7.0	393	<20	<50	0.07	<1	
C67630 (501995)	<1	3.46	23	31	1.06	410	3.5	2.07	7.3	583	<20	<50	0.01	<1	
C67631 (501996)	<1	2.54	23	43	1.89	525	1.5	2.86	11.0	702	<20	50	0.03	<1	
C67632 (501997)	<1	0.02	<2	1	1.07	102	<0.5	0.04	<0.5	60	<20	<50	0.07	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 04, 2019	DATE RECEIVED: Sep 05, 2019					DATE REPORTED: Sep 30, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
C67560 (501925)	6	<10	<5	214	<10	<10	<5	0.23	<5	<50	44.5	<1	4	50.9	
C67561 (501926)	8	<10	<5	255	<10	<10	<5	0.27	<5	<50	53.7	<1	7	66.6	
C67562 (501927)	9	<10	<5	295	<10	<10	<5	0.42	<5	<50	71.4	<1	13	93.2	
C67563 (501928)	25	<10	<5	1060	<10	<10	<5	1.56	<5	<50	277	<1	30	93.3	
C67564 (501929)	11	<10	<5	259	<10	<10	<5	0.30	<5	<50	69.5	<1	9	59.9	
C67565 (501930)	7	<10	<5	177	<10	<10	<5	0.24	<5	<50	47.0	<1	9	64.8	
C67566 (501931)	35	<10	<5	246	<10	<10	<5	0.87	<5	<50	241	<1	22	94.5	
C67567 (501932)	7	<10	<5	232	<10	<10	<5	0.29	<5	<50	49.9	<1	9	66.0	
C67568 (501933)	7	<10	<5	214	<10	<10	<5	0.28	<5	<50	51.1	<1	8	70.5	
C67569 (501934)	8	<10	<5	175	<10	<10	7	0.23	<5	<50	43.9	<1	8	80.6	
C67570 (501935)	5	<10	<5	117	<10	<10	5	0.13	<5	<50	19.2	<1	5	90.0	
C67571 (501936)	8	<10	<5	142	<10	<10	<5	0.29	<5	<50	52.5	<1	10	91.1	
C67572 (501937)	<1	<10	<5	62	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	3.4	
C67573 (501938)	6	<10	5	189	<10	<10	23	0.12	<5	<50	20.2	<1	7	68.5	
C67574 (501939)	8	<10	<5	165	<10	<10	<5	0.27	<5	<50	49.1	<1	9	105	
C67575 (501940)	8	<10	<5	195	<10	<10	<5	0.21	<5	<50	44.1	<1	8	52.4	
C67576 (501941)	4	<10	<5	227	<10	<10	<5	0.18	<5	<50	29.4	<1	6	44.4	
C67577 (501942)	5	<10	<5	209	<10	<10	<5	0.21	<5	<50	29.5	<1	8	52.3	
C67578 (501943)	5	<10	<5	208	<10	<10	<5	0.21	<5	<50	29.8	<1	8	51.2	
C67579 (501944)	5	<10	<5	205	<10	<10	<5	0.16	<5	<50	23.6	<1	8	50.6	
C67580 (501945)	7	<10	<5	211	<10	<10	<5	0.20	<5	<50	38.3	<1	9	52.8	
C67581 (501946)	4	<10	<5	205	<10	<10	<5	0.17	<5	<50	26.6	<1	7	48.9	
C67582 (501947)	7	<10	<5	221	<10	<10	<5	0.14	<5	<50	33.4	<1	6	51.9	
C67583 (501948)	6	<10	<5	218	<10	<10	<5	0.22	<5	<50	39.7	<1	8	50.9	
C67584 (501949)	13	<10	<5	271	<10	<10	<5	0.12	<5	<50	45.3	<1	11	51.9	
C67585 (501950)	21	<10	<5	285	<10	<10	8	0.13	<5	<50	61.2	<1	17	49.8	
C67586 (501951)	46	<10	<5	109	<10	<10	<5	0.68	<5	<50	307	<1	22	81.8	
C67587 (501952)	10	<10	<5	248	<10	<10	<5	0.16	<5	<50	39.0	<1	10	52.7	
C67588 (501953)	13	<10	<5	267	<10	<10	<5	0.16	<5	<50	45.7	<1	8	56.3	
C67589 (501954)	6	<10	<5	235	<10	<10	<5	0.12	<5	<50	28.4	<1	6	48.3	
C67590 (501955)	5	<10	<5	168	<10	<10	<5	0.02	<5	<50	24.0	<1	2	19.4	
C67591 (501956)	19	<10	<5	240	<10	<10	12	0.10	<5	<50	56.7	<1	7	73.0	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 04, 2019	DATE RECEIVED: Sep 05, 2019					DATE REPORTED: Sep 30, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Sample ID (AGAT ID)															
C67592 (501957)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	2.6	
C67593 (501958)	77	<10	<5	560	<10	<10	17	0.04	<5	<50	200	<1	9	120	
C67594 (501959)	22	<10	<5	315	<10	<10	<5	0.08	<5	<50	66.6	<1	6	91.0	
C67595 (501960)	8	<10	<5	220	<10	<10	<5	0.19	<5	<50	41.7	<1	7	55.8	
C67596 (501961)	4	<10	<5	234	<10	<10	<5	0.14	<5	<50	26.8	<1	5	47.7	
C67597 (501962)	6	<10	<5	257	<10	<10	<5	0.13	<5	<50	28.8	<1	6	42.0	
C67598 (501963)	5	<10	<5	258	<10	<10	<5	0.14	<5	<50	24.8	<1	7	38.3	
C67599 (501964)	5	<10	<5	242	<10	<10	<5	0.13	<5	<50	30.4	<1	4	39.2	
C67600 (501965)	6	<10	<5	244	<10	<10	<5	0.13	<5	<50	32.8	<1	5	34.3	
C67601 (501966)	4	<10	<5	261	<10	<10	<5	0.15	<5	<50	27.9	<1	5	47.6	
C67602 (501967)	8	<10	<5	216	<10	<10	<5	0.22	<5	<50	40.1	<1	11	55.6	
C67603 (501968)	9	<10	<5	207	<10	<10	<5	0.20	<5	<50	46.3	<1	9	53.6	
C67604 (501969)	10	<10	<5	244	<10	<10	<5	0.24	<5	<50	55.2	<1	8	46.1	
C67605 (501970)	11	<10	<5	252	<10	<10	18	0.25	<5	<50	61.2	<1	11	47.0	
C67606 (501971)	35	<10	<5	244	<10	<10	<5	0.87	<5	<50	240	<1	22	93.7	
C67607 (501972)	9	<10	<5	215	<10	<10	<5	0.27	<5	<50	55.6	<1	9	50.4	
C67608 (501973)	5	<10	<5	189	<10	<10	<5	0.19	<5	<50	30.2	<1	7	44.1	
C67609 (501974)	4	<10	<5	227	<10	<10	<5	0.15	<5	<50	24.5	<1	6	44.4	
C67610 (501975)	4	<10	<5	226	<10	<10	<5	0.15	<5	<50	24.8	<1	6	42.7	
C67611 (501976)	6	<10	<5	239	<10	<10	<5	0.22	<5	<50	38.4	<1	9	52.5	
C67612 (501977)	<1	<10	<5	73	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	2.8	
C67613 (501978)	6	<10	<5	178	<10	<10	19	0.13	<5	<50	27.0	<1	6	60.3	
C67614 (501979)	9	<10	<5	247	<10	<10	9	0.25	<5	<50	45.9	<1	11	82.4	
C67615 (501980)	9	<10	8	149	<10	<10	15	0.23	<5	<50	25.3	<1	4	178	
C67616 (501981)	6	<10	<5	160	<10	<10	<5	0.24	<5	<50	41.0	<1	10	101	
C67617 (501982)	8	<10	<5	225	<10	<10	<5	0.17	<5	<50	36.4	<1	7	53.0	
C67618 (501983)	9	<10	<5	231	<10	<10	<5	0.18	<5	<50	38.3	<1	8	55.1	
C67619 (501984)	10	<10	<5	308	<10	<10	9	0.24	<5	<50	51.5	<1	11	88.6	
C67620 (501985)	10	<10	7	109	<10	<10	10	0.23	<5	<50	31.5	<1	3	180	
C67621 (501986)	8	<10	7	125	<10	<10	<5	0.27	<5	<50	46.8	<1	9	152	
C67622 (501987)	9	<10	6	129	<10	<10	14	0.25	<5	<50	37.4	<1	7	146	
C67623 (501988)	8	<10	5	137	<10	<10	<5	0.25	<5	<50	44.5	<1	8	116	

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## Certificate of Analysis

AGAT WORK ORDER: 19T514378

PROJECT: AGAT00772

5623 McADAM ROAD  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 04, 2019	DATE RECEIVED: Sep 05, 2019					DATE REPORTED: Sep 30, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Sample ID (AGAT ID)															
C67624 (501989)	7	<10	<5	189	<10	<10	<5	0.25	<5	<50	46.7	<1	11	68.4	
C67625 (501990)	6	<10	<5	153	<10	<10	20	0.20	<5	<50	39.2	<1	8	89.6	
C67626 (501991)	47	<10	<5	112	<10	<10	<5	0.70	<5	<50	310	<1	22	97.4	
C67627 (501992)	8	<10	<5	186	<10	<10	<5	0.27	<5	<50	48.7	<1	9	72.3	
C67628 (501993)	9	<10	<5	222	<10	<10	<5	0.28	<5	<50	53.9	<1	10	64.2	
C67629 (501994)	6	<10	<5	169	<10	<10	<5	0.17	<5	<50	30.4	<1	9	60.6	
C67630 (501995)	7	<10	7	126	<10	<10	14	0.21	<5	<50	36.1	<1	9	157	
C67631 (501996)	8	<10	5	134	<10	<10	<5	0.30	<5	<50	52.6	<1	9	131	
C67632 (501997)	<1	<10	<5	74	<10	<10	<5	<0.01	<5	<50	0.9	<1	2	2.0	

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## Certificate of Analysis

AGAT WORK ORDER: 19T514378

PROJECT: AGAT00772

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 04, 2019      DATE RECEIVED: Sep 05, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C67560 (501925)				19
C67561 (501926)				50
C67562 (501927)				122
C67563 (501928)				124
C67564 (501929)				108
C67565 (501930)				111
C67566 (501931)				95
C67567 (501932)				100
C67568 (501933)				115
C67569 (501934)				113
C67570 (501935)				104
C67571 (501936)				134
C67572 (501937)				<5
C67573 (501938)				72
C67574 (501939)				131
C67575 (501940)				130
C67576 (501941)				86
C67577 (501942)				105
C67578 (501943)				111
C67579 (501944)				92
C67580 (501945)				118
C67581 (501946)				97
C67582 (501947)				76
C67583 (501948)				96
C67584 (501949)				59
C67585 (501950)				82
C67586 (501951)				56
C67587 (501952)				111
C67588 (501953)				113
C67589 (501954)				103
C67590 (501955)				60
C67591 (501956)				65

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## Certificate of Analysis

AGAT WORK ORDER: 19T514378

PROJECT: AGAT00772

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 04, 2019      DATE RECEIVED: Sep 05, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C67592 (501957)				<5
C67593 (501958)				18
C67594 (501959)				44
C67595 (501960)				93
C67596 (501961)				76
C67597 (501962)				56
C67598 (501963)				64
C67599 (501964)				59
C67600 (501965)				51
C67601 (501966)				68
C67602 (501967)				127
C67603 (501968)				89
C67604 (501969)				85
C67605 (501970)				79
C67606 (501971)				98
C67607 (501972)				120
C67608 (501973)				105
C67609 (501974)				74
C67610 (501975)				69
C67611 (501976)				124
C67612 (501977)				<5
C67613 (501978)				88
C67614 (501979)				131
C67615 (501980)				186
C67616 (501981)				129
C67617 (501982)				107
C67618 (501983)				114
C67619 (501984)				122
C67620 (501985)				205
C67621 (501986)				134
C67622 (501987)				151
C67623 (501988)				125

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## Certificate of Analysis

AGAT WORK ORDER: 19T514378

PROJECT: AGAT00772

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 04, 2019      DATE RECEIVED: Sep 05, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
C67624 (501989)	131
C67625 (501990)	129
C67626 (501991)	55
C67627 (501992)	140
C67628 (501993)	143
C67629 (501994)	102
C67630 (501995)	153
C67631 (501996)	107
C67632 (501997)	<5

Comments: RDL - Reported Detection Limit  
 501925-501997 As, Sb values may be low due to digestion losses.  
 Analysis performed at AGAT Toronto (unless marked by \*)

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## Certificate of Analysis

AGAT WORK ORDER: 19T514378

PROJECT: AGAT00772

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 04, 2019      DATE RECEIVED: Sep 05, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C67560 (501925)			0.003
C67561 (501926)			0.004
C67562 (501927)			0.004
C67563 (501928)			0.002
C67564 (501929)			0.003
C67565 (501930)			0.005
C67566 (501931)			0.328
C67567 (501932)			0.003
C67568 (501933)			0.004
C67569 (501934)			0.003
C67570 (501935)			0.003
C67571 (501936)			0.001
C67572 (501937)			0.001
C67573 (501938)			0.005
C67574 (501939)			0.002
C67575 (501940)			0.003
C67576 (501941)			0.002
C67577 (501942)			0.003
C67578 (501943)			0.004
C67579 (501944)			0.002
C67580 (501945)			0.003
C67581 (501946)			0.003
C67582 (501947)			0.008
C67583 (501948)			0.008
C67584 (501949)			0.003
C67585 (501950)			0.002
C67586 (501951)			0.535
C67587 (501952)			0.008
C67588 (501953)			0.002
C67589 (501954)			0.002
C67590 (501955)			0.001
C67591 (501956)			0.003

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## Certificate of Analysis

AGAT WORK ORDER: 19T514378

PROJECT: AGAT00772

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 04, 2019      DATE RECEIVED: Sep 05, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C67592 (501957)			0.002
C67593 (501958)			0.002
C67594 (501959)			0.002
C67595 (501960)			0.006
C67596 (501961)			0.004
C67597 (501962)			0.002
C67598 (501963)			0.002
C67599 (501964)			0.005
C67600 (501965)			0.001
C67601 (501966)			0.002
C67602 (501967)			0.002
C67603 (501968)			0.002
C67604 (501969)			0.002
C67605 (501970)			0.003
C67606 (501971)			0.339
C67607 (501972)			0.003
C67608 (501973)			0.002
C67609 (501974)			0.002
C67610 (501975)			0.002
C67611 (501976)			0.001
C67612 (501977)			<0.001
C67613 (501978)			0.002
C67614 (501979)			0.003
C67615 (501980)			0.003
C67616 (501981)			0.003
C67617 (501982)			0.004
C67618 (501983)			0.003
C67619 (501984)			0.002
C67620 (501985)			0.003
C67621 (501986)			0.134
C67622 (501987)			0.002
C67623 (501988)			0.004

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## Certificate of Analysis

AGAT WORK ORDER: 19T514378

PROJECT: AGAT00772

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 04, 2019      DATE RECEIVED: Sep 05, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C67624 (501989)			0.002
C67625 (501990)			0.001
C67626 (501991)			0.527
C67627 (501992)			0.002
C67628 (501993)			0.002
C67629 (501994)			0.003
C67630 (501995)			0.001
C67631 (501996)			0.002
C67632 (501997)			0.002

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T514378

PROJECT: AGAT00772

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Crushing)

DATE SAMPLED: Sep 04, 2019	DATE RECEIVED: Sep 05, 2019	DATE REPORTED: Sep 30, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

	Analyte:	Pass %
	Unit:	%
Sample ID (AGAT ID)	RDL:	0.01
C67560 (501925)		89.06
C67579 (501944)		87.60
C67587 (501952)		75.00
C67599 (501964)		86.54
C67619 (501984)		89.16

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





# Certificate of Analysis

AGAT WORK ORDER: 19T514378

PROJECT: AGAT00772

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Sep 04, 2019      DATE RECEIVED: Sep 05, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL: 0.01
C67560 (501925)	87.56

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	501925	< 0.5	< 0.5	0.0%	501939	< 0.5	< 0.5	0.0%	501950	< 0.5	< 0.5	0.0%	501964	< 0.5	< 0.5	0.0%
Al	501925	7.85	7.98	1.6%	501939	8.06	8.16	1.2%	501950	7.20	7.23	0.4%	501964	7.94	7.95	0.1%
As	501925	< 1	< 1	0.0%	501939	< 1	< 1	0.0%	501950	< 1	< 1	0.0%	501964	< 1	< 1	0.0%
Ba	501925	437	445	1.8%	501939	478	478	0.0%	501950	486	492	1.2%	501964	484	500	3.3%
Be	501925	0.9	0.9	0.0%	501939	1.4	1.4	0.0%	501950	1.3	1.3	0.0%	501964	1.3	1.3	0.0%
Bi	501925	< 1	< 1	0.0%	501939	< 1	< 1	0.0%	501950	< 1	< 1	0.0%	501964	< 1	< 1	0.0%
Ca	501925	1.15	1.14	0.9%	501939	2.22	2.25	1.3%	501950	3.13	3.16	1.0%	501964	2.59	2.66	2.7%
Cd	501925	< 0.5	< 0.5	0.0%	501939	< 0.5	< 0.5	0.0%	501950	< 0.5	< 0.5	0.0%	501964	< 0.5	< 0.5	0.0%
Ce	501925	32	33	3.1%	501939	48	50	4.1%	501950	56	57	1.8%	501964	23	22	4.4%
Co	501925	8.18	7.75	5.4%	501939	8.72	8.82	1.1%	501950	5.8	5.8	0.0%	501964	3.80	3.53	7.4%
Cr	501925	15.0	14.2	5.5%	501939	15.0	16.1	7.1%	501950	20.1	18.3	9.4%	501964	15.1	14.4	4.7%
Cu	501925	5.4	6.4	16.9%	501939	10.0	9.9	1.0%	501950	2.39	2.11	12.4%	501964	11.8	12.2	3.3%
Fe	501925	2.72	2.76	1.5%	501939	3.14	3.15	0.3%	501950	2.63	2.61	0.8%	501964	1.64	1.64	0.0%
Ga	501925	17	17	0.0%	501939	19	18	5.4%	501950	16	17	6.1%	501964	19	19	0.0%
In	501925	< 1	< 1	0.0%	501939	< 1	< 1	0.0%	501950	< 1	< 1	0.0%	501964	< 1	< 1	0.0%
K	501925	2.01	2.03	1.0%	501939	2.54	2.58	1.6%	501950	1.64	1.67	1.8%	501964	1.96	1.96	0.0%
La	501925	16	16	0.0%	501939	22	22	0.0%	501950	23	24	4.3%	501964	11	11	0.0%
Li	501925	46	47	2.2%	501939	26	26	0.0%	501950	13	13	0.0%	501964	17	17	0.0%
Mg	501925	2.07	2.10	1.4%	501939	1.54	1.56	1.3%	501950	1.11	1.10	0.9%	501964	0.52	0.52	0.0%
Mn	501925	350	358	2.3%	501939	460	467	1.5%	501950	486	470	3.3%	501964	270	271	0.4%
Mo	501925	1.52	1.67	9.4%	501939	1.1	1.4	24.0%	501950	1.41	1.48	4.8%	501964	1.99	1.84	7.8%
Na	501925	3.77	3.73	1.1%	501939	2.84	2.88	1.4%	501950	3.37	3.43	1.8%	501964	3.20	3.28	2.5%
Ni	501925	14.0	13.1	6.6%	501939	15.1	15.4	2.0%	501950	11.1	10.9	1.8%	501964	5.93	6.01	1.3%
P	501925	457	455	0.4%	501939	787	779	1.0%	501950	343	351	2.3%	501964	283	289	2.1%
Pb	501925	< 20	< 20	0.0%	501939	< 20	< 20	0.0%	501950	< 20	< 20	0.0%	501964	< 20	< 20	0.0%
Rb	501925	< 50	< 50	0.0%	501939	< 50	< 50	0.0%	501950	< 50	< 50	0.0%	501964	< 50	< 50	0.0%
S	501925	0.03	0.03	0.0%	501939	0.036	0.033	8.7%	501950	0.027	0.024	11.8%	501964	0.05	0.05	0.0%
Sb	501925	< 1	< 1	0.0%	501939	< 1	< 1	0.0%	501950	< 1	< 1	0.0%	501964	< 1	< 1	0.0%
Sc	501925	6	7	15.4%	501939	8	8	0.0%	501950	21	21	0.0%	501964	5	5	0.0%
Se	501925	< 10	< 10	0.0%	501939	< 10	< 10	0.0%	501950	< 10	< 10	0.0%	501964	< 10	< 10	0.0%
Sn	501925	< 5	< 5	0.0%	501939	< 5	< 5	0.0%	501950	< 5	< 5	0.0%	501964	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	501925	214	213	0.5%	501939	165	167	1.2%	501950	285	294	3.1%	501964	242	248	2.4%
Ta	501925	< 10	< 10	0.0%	501939	< 10	< 10	0.0%	501950	< 10	< 10	0.0%	501964	< 10	< 10	0.0%
Te	501925	< 10	< 10	0.0%	501939	< 10	< 10	0.0%	501950	< 10	< 10	0.0%	501964	< 10	< 10	0.0%
Th	501925	< 5	< 5	0.0%	501939	< 5	< 5	0.0%	501950	8	7	13.3%	501964	< 5	< 5	0.0%
Ti	501925	0.23	0.23	0.0%	501939	0.27	0.27	0.0%	501950	0.13	0.13	0.0%	501964	0.13	0.13	0.0%
Tl	501925	< 5	< 5	0.0%	501939	< 5	< 5	0.0%	501950	< 5	< 5	0.0%	501964	< 5	< 5	0.0%
U	501925	< 50	< 50	0.0%	501939	< 50	< 50	0.0%	501950	< 50	< 50	0.0%	501964	< 50	< 50	0.0%
V	501925	44.5	44.1	0.9%	501939	49.1	50.0	1.8%	501950	61.2	61.1	0.2%	501964	30.4	30.6	0.7%
W	501925	< 1	< 1	0.0%	501939	< 1	< 1	0.0%	501950	< 1	< 1	0.0%	501964	< 1	< 1	0.0%
Y	501925	4	4	0.0%	501939	9	9	0.0%	501950	17	17	0.0%	501964	4	4	0.0%
Zn	501925	50.9	51.4	1.0%	501939	105	105	0.0%	501950	49.8	50.4	1.2%	501964	39.2	41.0	4.5%
Zr	501925	19	19	0.0%	501939	131	129	1.5%	501950	82	84	2.4%	501964	59	59	0.0%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	501975	< 0.5	< 0.5	0.0%	501989	< 0.5	< 0.5	0.0%								
Al	501975	7.87	7.90	0.4%	501989	8.08	8.06	0.2%								
As	501975	< 1	1		501989	< 1	< 1	0.0%								
Ba	501975	467	444	5.0%	501989	477	493	3.3%								
Be	501975	1.14	1.20	5.1%	501989	1.12	1.17	4.4%								
Bi	501975	< 1	< 1	0.0%	501989	< 1	< 1	0.0%								
Ca	501975	2.42	2.50	3.3%	501989	2.80	2.87	2.5%								
Cd	501975	< 0.5	< 0.5	0.0%	501989	< 0.5	< 0.5	0.0%								
Ce	501975	38	36	5.4%	501989	64	63	1.6%								
Co	501975	4.38	4.32	1.4%	501989	8.6	8.9	3.4%								
Cr	501975	13.8	12.5	9.9%	501989	20.0	18.7	6.7%								
Cu	501975	< 0.5	< 0.5	0.0%	501989	21.2	21.2	0.0%								
Fe	501975	2.06	2.08	1.0%	501989	2.85	2.83	0.7%								
Ga	501975	19	18	5.4%	501989	18	19	5.4%								
In	501975	< 1	< 1	0.0%	501989	< 1	< 1	0.0%								
K	501975	1.88	1.79	4.9%	501989	1.57	1.57	0.0%								
La	501975	18	18	0.0%	501989	28	28	0.0%								
Li	501975	18	19	5.4%	501989	29	29	0.0%								
Mg	501975	0.696	0.691	0.7%	501989	1.09	1.09	0.0%								
Mn	501975	294	291	1.0%	501989	334	329	1.5%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	501975	1.8	1.7	5.7%	501989	2.5	2.4	4.1%								
Na	501975	2.67	2.79	4.4%	501989	2.61	2.67	2.3%								
Ni	501975	4.8	4.7	2.1%	501989	10.9	11.1	1.8%								
P	501975	326	346	6.0%	501989	730	757	3.6%								
Pb	501975	< 20	< 20	0.0%	501989	< 20	< 20	0.0%								
Rb	501975	< 50	< 50	0.0%	501989	< 50	< 50	0.0%								
S	501975	0.02	0.02	0.0%	501989	0.06	0.06	0.0%								
Sb	501975	< 1	< 1	0.0%	501989	< 1	< 1	0.0%								
Sc	501975	4	4	0.0%	501989	7	7	0.0%								
Se	501975	< 10	< 10	0.0%	501989	< 10	< 10	0.0%								
Sn	501975	< 5	< 5	0.0%	501989	< 5	< 5	0.0%								
Sr	501975	226	232	2.6%	501989	189	194	2.6%								
Ta	501975	< 10	< 10	0.0%	501989	< 10	< 10	0.0%								
Te	501975	< 10	< 10	0.0%	501989	< 10	< 10	0.0%								
Th	501975	< 5	< 5	0.0%	501989	< 5	< 5	0.0%								
Ti	501975	0.15	0.15	0.0%	501989	0.252	0.257	2.0%								
Tl	501975	< 5	< 5	0.0%	501989	< 5	< 5	0.0%								
U	501975	< 50	< 50	0.0%	501989	< 50	< 50	0.0%								
V	501975	24.8	25.1	1.2%	501989	46.7	47.7	2.1%								
W	501975	< 1	< 1	0.0%	501989	< 1	< 1	0.0%								
Y	501975	6	6	0.0%	501989	11	11	0.0%								
Zn	501975	42.7	42.4	0.7%	501989	68.4	71.3	4.2%								
Zr	501975	69	70	1.4%	501989	131	124	5.5%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	501925	0.003	0.002		501939	0.002	0.002	0.0%	501950	0.002	0.002	0.0%	501964	0.005	0.005	0.0%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	501975	0.002	< 0.001		501989	0.002	0.002	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GSP7M)				CRM #2 (ref.GSP5G)				CRM #3 (ref.GS6F)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	2.79	92%	90% - 110%
Al	10.95	10.66	97%	90% - 110%	8.17	8.25	101%	90% - 110%	6.96	6.92	99%	90% - 110%	4.75	4.85	102%	90% - 110%
As					26	25	97%	90% - 110%	124	127	102%	90% - 110%				
Ba	340	327	96%	90% - 110%	540	506	94%	90% - 110%	186	178	95%	90% - 110%	216	212	98%	90% - 110%
Be	2.6	2.6	102%	90% - 110%	4.0	3.2	81%	90% - 110%								
Ca	5.72	5.43	95%	90% - 110%	0.907	0.867	96%	90% - 110%	4.01	3.83	96%	90% - 110%	10	9	91%	90% - 110%
Ce	122	119	97%	90% - 110%	98	106	108%	90% - 110%	24	23	96%	90% - 110%				
Co									22.1	20.4	92%	90% - 110%	191	173	91%	90% - 110%
Cr					60.3	64.2	106%	90% - 110%					670	635	94%	90% - 110%
Cu					150	145	97%	90% - 110%	88.6	80.7	91%	90% - 110%	7120	7072	99%	90% - 110%
Fe	4.34	3.92	90%	90% - 110%	3.77	3.61	96%	90% - 110%	7.56	7.23	96%	90% - 110%	12.71	11.82	93%	90% - 110%
Ga	35	35	100%	90% - 110%												
K	1.37	1.41	103%	90% - 110%					2.021	2.064	102%	90% - 110%	0.1021	0.1034	101%	90% - 110%
La	58	55	94%	90% - 110%	44	45	103%	90% - 110%					8.47	7.8	92%	90% - 110%
Li	37	37	100%	90% - 110%	47	46	98%	90% - 110%								
Mg	0.325	0.3	92%	90% - 110%	1.10	1.09	99%	90% - 110%	2.412	2.476	103%	90% - 110%	7.41	7.76	105%	90% - 110%
Mn					780	748	96%	90% - 110%	1510	1445	96%	90% - 110%				
Mo					14	15	104%	90% - 110%								
Na	5.267	5.526	105%	90% - 110%	1.624	1.718	106%	90% - 110%	0.617	0.64	104%	90% - 110%	0.112	0.121	108%	90% - 110%
Ni	9	8	86%	90% - 110%	32	32	99%	90% - 110%	77.1	71.6	93%	90% - 110%	2480	2354	94%	90% - 110%
P					750	721	96%	90% - 110%	892	860	96%	90% - 110%	731	683	93%	90% - 110%
Pb	10	9	90%	90% - 110%	31	28	92%	90% - 110%								
S									0.348	0.337	97%	90% - 110%				
Sc	1.1	1	90%	90% - 110%	12	13	108%	90% - 110%					21.33	21.68	102%	90% - 110%
Sr	1191	1141	96%	90% - 110%	144	145	101%	90% - 110%	92.8	86.2	93%	90% - 110%	39	37	95%	90% - 110%
Ti	0.172	0.164	95%	90% - 110%	0.53	0.48	91%	90% - 110%					0.419	0.412	98%	90% - 110%
V	8	8	94%	90% - 110%	77	81	105%	90% - 110%					158	164	103%	90% - 110%
Y	119	125	105%	90% - 110%									12.67	12.9	102%	90% - 110%
Zn	93	94	101%	90% - 110%	130	126	97%	90% - 110%	208	211	101%	90% - 110%	112	119	107%	90% - 110%
Zr													35.7	38.1	107%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GSP7M)				CRM #2 (ref.GSP5G)				CRM #3 (ref.GS6F)				CRM #4 (ref.GS4H)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.725	0.735	101%	90% - 110%	0.562	0.509	91%	90% - 110%	6.87	6.86	100%	90% - 110%	5.01	5.07	101%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00772  
 SAMPLING SITE:

AGAT WORK ORDER: 19T514378  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00773

AGAT WORK ORDER: 19T514954

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 23, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T514954

PROJECT: AGAT00773

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 05, 2019      DATE RECEIVED: Sep 06, 2019      DATE REPORTED: Sep 23, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C67705 (505591)		2.15
C67706 (505592)		0.07
C67707 (505593)		1.76
C67708 (505594)		1.54
C67709 (505595)		2.30
C67710 (505596)		0.89
C67711 (505597)		0.62
C67712 (505598)		0.66
C67713 (505599)		0.66
C67714 (505600)		1.26
C67715 (505601)		2.96
C67716 (505602)		2.17
C67717 (505603)		0.88
C67718 (505604)		0.88
C67719 (505605)		1.47
C67720 (505606)		3.45
C67721 (505607)		3.58
C67722 (505608)		3.16
C67723 (505609)		1.71
C67724 (505610)		3.49
C67725 (505611)		0.58
C67726 (505612)		0.07
C67727 (505613)		2.92
C67728 (505614)		2.06
C67729 (505615)		5.23
C67730 (505616)		1.86
C67731 (505617)		1.89
C67732 (505618)		0.67
C67733 (505619)		3.59
C67734 (505620)		2.02
C67735 (505621)		3.78

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T514954

PROJECT: AGAT00773

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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 05, 2019      DATE RECEIVED: Sep 06, 2019      DATE REPORTED: Sep 23, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
C67736 (505622)		2.39
C67737 (505623)		1.78
C67738 (505624)		1.78
C67739 (505625)		0.72
C67740 (505626)		3.81
C67741 (505627)		2.52
C67742 (505628)		1.48
C67743 (505629)		0.69
C67744 (505630)		2.78
C67745 (505631)		3.16
C67746 (505632)		0.06
C67747 (505633)		1.17
C67748 (505634)		2.71
C67749 (505635)		3.78
C67750 (505636)		3.74
C67751 (505637)		2.47
C67752 (505638)		0.69
C67753 (505639)		3.77
C67754 (505640)		3.76
C67755 (505641)		0.72
C67756 (505642)		2.11
C67757 (505643)		2.14
C67758 (505644)		2.14
C67759 (505645)		3.51
C67760 (505646)		2.49
C67761 (505647)		0.98
C67762 (505648)		0.93
C67763 (505649)		2.67
C67764 (505650)		1.55
C67765 (505651)		3.78
C67766 (505652)		0.07

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T514954

PROJECT: AGAT00773

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 05, 2019	DATE RECEIVED: Sep 06, 2019	DATE REPORTED: Sep 23, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
C67767 (505653)		2.49
C67768 (505654)		2.58
C67769 (505655)		3.52
C67770 (505656)		2.59
C67771 (505657)		3.75
C67772 (505658)		0.66
C67773 (505659)		3.76
C67774 (505660)		2.46
C67775 (505661)		2.62
C67776 (505662)		1.66

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T514954

PROJECT: AGAT00773

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 05, 2019	DATE RECEIVED: Sep 06, 2019							DATE REPORTED: Sep 23, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C67705 (505591)	<0.5	8.04	5	399	1.0	<1	2.76	<0.5	33	7.9	86.5	17.9	2.67	18	
C67706 (505592)	<0.5	7.38	<1	182	0.5	<1	6.13	<0.5	8	37.5	136	103	7.37	18	
C67707 (505593)	<0.5	7.56	2	612	1.1	<1	1.99	<0.5	29	4.8	83.1	13.7	1.74	16	
C67708 (505594)	0.8	3.64	<1	525	4.9	<1	7.98	0.6	94	43.1	358	124	8.97	20	
C67709 (505595)	<0.5	7.69	2	480	1.5	<1	2.47	<0.5	52	6.2	92.2	7.1	2.18	17	
C67710 (505596)	<0.5	8.06	<1	376	1.0	<1	2.58	<0.5	46	6.6	84.1	12.9	2.37	18	
C67711 (505597)	<0.5	7.61	2	519	0.6	<1	1.16	<0.5	38	2.5	90.6	13.7	1.24	15	
C67712 (505598)	<0.5	0.07	<1	14	<0.5	<1	30.9	<0.5	<1	0.6	10.4	<0.5	0.09	<5	
C67713 (505599)	<0.5	8.01	<1	416	1.0	<1	2.46	<0.5	45	7.7	72.0	13.2	2.34	19	
C67714 (505600)	<0.5	7.31	<1	456	0.7	<1	1.59	<0.5	42	3.7	88.5	11.5	1.66	16	
C67715 (505601)	<0.5	8.13	<1	312	0.9	<1	2.69	<0.5	43	7.3	97.3	11.0	2.39	17	
C67716 (505602)	<0.5	8.04	<1	619	0.9	<1	2.21	<0.5	47	5.6	89.3	2.5	2.14	18	
C67717 (505603)	<0.5	7.68	2	754	1.1	<1	2.05	<0.5	44	4.2	87.1	3.2	1.56	18	
C67718 (505604)	<0.5	7.73	<1	865	1.1	<1	2.01	<0.5	47	4.4	81.2	3.3	1.62	17	
C67719 (505605)	<0.5	7.21	<1	80	0.5	<1	5.18	<0.5	4	33.1	112	92.4	8.98	20	
C67720 (505606)	<0.5	7.20	<1	103	0.6	<1	4.61	<0.5	2	36.8	105	82.0	8.58	18	
C67721 (505607)	<0.5	7.50	<1	126	<0.5	<1	4.74	<0.5	<1	40.1	103	96.9	9.04	18	
C67722 (505608)	<0.5	7.70	<1	48	<0.5	<1	6.04	0.5	<1	39.7	99.4	121	9.06	18	
C67723 (505609)	<0.5	7.44	<1	44	<0.5	<1	4.42	<0.5	<1	38.9	99.8	107	9.06	18	
C67724 (505610)	<0.5	7.63	<1	69	<0.5	<1	4.91	<0.5	2	35.5	94.1	79.6	9.78	19	
C67725 (505611)	<0.5	6.78	<1	47	1.2	<1	8.20	<0.5	2	19.3	90.0	29.5	8.18	19	
C67726 (505612)	<0.5	7.20	<1	137	<0.5	<1	6.48	<0.5	<1	38.6	135	151	7.63	16	
C67727 (505613)	<0.5	7.08	<1	101	<0.5	<1	4.39	<0.5	4	26.4	67.4	35.2	10.8	24	
C67728 (505614)	<0.5	7.26	<1	90	0.7	<1	3.96	<0.5	4	28.4	63.8	51.6	11.0	24	
C67729 (505615)	<0.5	7.18	<1	64	<0.5	<1	4.36	<0.5	4	28.6	75.4	76.6	10.7	24	
C67730 (505616)	<0.5	7.53	<1	204	<0.5	<1	5.31	<0.5	<1	40.7	96.1	20.9	9.65	18	
C67731 (505617)	<0.5	8.07	<1	193	0.6	<1	5.49	<0.5	17	18.8	92.0	191	4.49	18	
C67732 (505618)	<0.5	0.13	2	27	<0.5	<1	32.7	<0.5	<1	0.7	6.0	<0.5	0.08	<5	
C67733 (505619)	<0.5	6.91	<1	78	<0.5	<1	5.28	<0.5	<1	37.9	50.5	59.7	10.6	22	
C67734 (505620)	<0.5	7.31	<1	35	<0.5	<1	5.38	<0.5	<1	41.5	53.3	121	10.4	22	
C67735 (505621)	<0.5	6.68	<1	49	0.7	<1	5.11	<0.5	<1	48.4	58.0	396	12.4	24	
C67736 (505622)	<0.5	6.54	<1	61	0.9	<1	5.46	<0.5	24	44.8	32.3	149	11.8	23	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T514954

PROJECT: AGAT00773

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 05, 2019	DATE RECEIVED: Sep 06, 2019							DATE REPORTED: Sep 23, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C67737 (505623)	<0.5	6.56	<1	61	1.3	<1	5.71	0.6	1	54.9	25.2	126	12.2	23	
C67738 (505624)	<0.5	6.52	<1	63	1.5	<1	5.75	<0.5	1	53.2	27.5	126	12.5	23	
C67739 (505625)	<0.5	4.60	<1	44	<0.5	<1	4.22	<0.5	<1	36.9	104	204	8.25	16	
C67740 (505626)	<0.5	6.64	<1	42	0.6	<1	5.63	<0.5	<1	39.1	36.6	29.0	11.3	23	
C67741 (505627)	<0.5	6.62	<1	38	<0.5	<1	4.94	<0.5	4	27.8	6.6	14.4	10.5	24	
C67742 (505628)	<0.5	6.81	<1	44	<0.5	<1	4.21	<0.5	3	26.9	7.8	9.5	10.1	24	
C67743 (505629)	<0.5	3.49	<1	26	<0.5	<1	2.47	<0.5	1	13.4	16.4	<0.5	5.53	12	
C67744 (505630)	<0.5	6.86	<1	50	<0.5	<1	4.82	<0.5	2	28.7	5.1	3.6	10.8	23	
C67745 (505631)	<0.5	6.96	<1	42	<0.5	<1	5.72	<0.5	3	28.3	6.4	4.2	10.0	23	
C67746 (505632)	<0.5	7.32	<1	176	<0.5	<1	5.85	<0.5	7	35.5	134	101	7.11	17	
C67747 (505633)	<0.5	5.77	<1	42	0.9	<1	8.42	<0.5	6	18.9	10.3	6.8	7.55	17	
C67748 (505634)	<0.5	7.12	<1	49	1.0	<1	5.08	<0.5	4	33.5	3.9	<0.5	11.4	25	
C67749 (505635)	<0.5	6.55	<1	46	0.9	<1	5.00	<0.5	2	29.4	10.7	<0.5	9.64	22	
C67750 (505636)	<0.5	6.66	<1	34	0.6	<1	4.99	<0.5	<1	31.7	4.4	9.7	10.7	23	
C67751 (505637)	<0.5	6.79	<1	32	0.5	<1	4.74	<0.5	15	32.4	6.0	18.0	10.8	23	
C67752 (505638)	<0.5	0.22	<1	126	<0.5	<1	30.5	<0.5	<1	<0.5	1.8	<0.5	0.13	<5	
C67753 (505639)	<0.5	6.87	<1	30	0.5	<1	4.42	<0.5	1	33.9	3.4	22.4	11.3	24	
C67754 (505640)	<0.5	6.80	<1	174	<0.5	<1	6.53	<0.5	1	34.2	10.3	56.5	10.9	23	
C67755 (505641)	<0.5	6.78	<1	48	<0.5	<1	5.58	<0.5	<1	35.9	9.1	<0.5	11.8	24	
C67756 (505642)	<0.5	6.99	<1	46	<0.5	<1	2.87	<0.5	<1	40.0	7.7	20.9	12.3	25	
C67757 (505643)	<0.5	6.65	<1	98	0.6	<1	5.45	<0.5	<1	39.5	11.4	31.4	12.0	24	
C67758 (505644)	<0.5	6.72	<1	100	0.6	<1	5.47	<0.5	<1	40.2	10.2	35.7	12.2	24	
C67759 (505645)	<0.5	6.95	<1	41	<0.5	<1	4.01	<0.5	7	50.2	8.6	420	13.2	28	
C67760 (505646)	<0.5	7.12	<1	44	<0.5	<1	3.91	<0.5	<1	44.3	9.9	155	12.6	26	
C67761 (505647)	<0.5	6.96	<1	77	<0.5	<1	3.89	<0.5	3	41.8	9.4	20.7	11.4	25	
C67762 (505648)	<0.5	7.86	<1	409	0.9	<1	2.73	<0.5	48	7.9	10.5	64.7	2.93	18	
C67763 (505649)	<0.5	8.08	<1	211	0.6	<1	3.62	<0.5	26	22.7	42.2	39.4	5.84	20	
C67764 (505650)	<0.5	7.75	<1	155	<0.5	<1	5.21	<0.5	16	28.9	58.1	32.3	7.41	20	
C67765 (505651)	<0.5	7.72	<1	246	1.5	<1	6.20	<0.5	15	34.8	121	75.3	8.07	19	
C67766 (505652)	<0.5	7.56	<1	194	0.5	<1	6.49	<0.5	7	39.1	129	105	7.80	17	
C67767 (505653)	<0.5	2.98	<1	1300	2.3	<1	8.53	<0.5	142	59.3	525	88.3	8.30	13	
C67768 (505654)	<0.5	7.71	<1	211	0.5	<1	7.02	<0.5	46	42.6	110	49.5	9.06	20	

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## Certificate of Analysis

AGAT WORK ORDER: 19T514954

PROJECT: AGAT00773

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 05, 2019	DATE RECEIVED: Sep 06, 2019							DATE REPORTED: Sep 23, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C67769 (505655)	<0.5	8.16	<1	250	0.6	<1	6.48	<0.5	41	43.0	122	57.3	9.55	21	
C67770 (505656)	<0.5	8.30	<1	295	0.5	<1	6.83	<0.5	49	40.7	110	53.2	10.5	19	
C67771 (505657)	<0.5	7.81	<1	262	<0.5	<1	5.90	<0.5	47	34.4	84.6	43.0	8.35	20	
C67772 (505658)	<0.5	0.08	3	14	<0.5	<1	31.9	<0.5	<1	0.6	2.1	<0.5	0.12	<5	
C67773 (505659)	<0.5	7.76	<1	252	<0.5	<1	5.65	<0.5	17	35.1	90.9	50.8	8.78	19	
C67774 (505660)	<0.5	8.17	<1	489	0.7	<1	4.99	<0.5	155	25.8	45.2	25.3	6.62	18	
C67775 (505661)	<0.5	8.25	<1	492	1.1	<1	5.28	<0.5	179	22.5	33.2	28.5	5.84	18	
C67776 (505662)	<0.5	7.58	<1	523	0.9	<1	3.89	<0.5	47	14.1	105	12.9	4.06	18	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 05, 2019	DATE RECEIVED: Sep 06, 2019					DATE REPORTED: Sep 23, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
C67705 (505591)	<1	2.14	17	22	1.12	417	12.5	2.42	14.5	513	<20	<50	0.05	<1	
C67706 (505592)	<1	0.43	9	11	4.32	1280	2.0	2.39	99.0	843	<20	<50	0.09	<1	
C67707 (505593)	<1	3.98	14	27	0.68	301	14.4	2.16	11.2	377	21	<50	0.05	<1	
C67708 (505594)	<1	3.42	52	56	5.99	1360	4.6	1.79	182	1530	<20	<50	0.22	<1	
C67709 (505595)	<1	1.90	25	22	0.86	326	12.6	2.97	9.0	789	<20	<50	0.03	<1	
C67710 (505596)	<1	2.20	22	27	0.95	370	12.0	2.54	9.0	594	<20	<50	0.04	<1	
C67711 (505597)	<1	5.86	18	15	0.30	166	13.9	1.62	5.3	203	24	<50	0.04	1	
C67712 (505598)	<1	0.01	<2	1	2.40	113	0.9	0.04	1.7	80	<20	<50	0.06	<1	
C67713 (505599)	<1	2.62	22	31	0.82	352	12.6	2.47	9.6	570	<20	<50	0.04	<1	
C67714 (505600)	<1	4.09	20	22	0.56	242	15.5	1.80	7.1	328	<20	<50	0.03	<1	
C67715 (505601)	<1	1.75	21	33	0.97	398	14.1	2.60	10.3	549	<20	<50	0.03	<1	
C67716 (505602)	<1	2.63	23	23	0.66	314	13.2	2.59	8.3	530	<20	<50	0.02	<1	
C67717 (505603)	<1	3.09	21	16	0.46	249	14.1	2.78	8.1	352	<20	<50	0.02	<1	
C67718 (505604)	<1	3.46	22	19	0.49	260	12.7	2.73	9.1	342	<20	<50	0.01	<1	
C67719 (505605)	<1	0.64	6	19	3.11	1450	6.8	2.38	47.6	517	<20	<50	0.16	<1	
C67720 (505606)	<1	0.33	5	26	3.52	1440	5.7	2.79	59.4	443	<20	<50	0.12	<1	
C67721 (505607)	<1	0.23	4	28	3.92	1510	4.4	3.02	66.7	371	<20	<50	0.11	<1	
C67722 (505608)	<1	0.11	4	29	3.84	1530	4.6	2.76	66.5	463	<20	<50	0.13	<1	
C67723 (505609)	<1	0.08	4	36	4.81	1540	4.0	2.94	64.7	370	<20	<50	0.11	<1	
C67724 (505610)	<1	0.09	6	28	3.42	1450	5.2	3.11	53.2	578	<20	<50	0.11	<1	
C67725 (505611)	<1	0.09	5	21	1.54	1970	9.3	1.38	12.3	1000	<20	<50	0.07	<1	
C67726 (505612)	<1	0.20	3	14	4.32	1320	1.5	2.41	79.4	407	<20	<50	0.17	<1	
C67727 (505613)	<1	0.15	7	29	2.36	1460	6.3	2.85	19.3	1030	<20	<50	0.10	<1	
C67728 (505614)	<1	0.13	7	29	2.26	1470	6.5	3.11	19.2	991	<20	<50	0.11	<1	
C67729 (505615)	<1	0.30	7	30	2.35	1560	6.2	2.60	21.7	1040	<20	<50	0.16	<1	
C67730 (505616)	<1	0.65	4	37	4.77	1520	3.6	2.33	66.2	298	<20	<50	0.05	<1	
C67731 (505617)	<1	0.36	11	14	0.86	702	10.5	2.03	24.8	437	<20	<50	0.29	<1	
C67732 (505618)	<1	0.02	<2	<1	1.01	95	0.7	0.07	0.5	52	<20	<50	0.08	<1	
C67733 (505619)	<1	0.44	5	34	3.27	1380	5.1	2.16	29.4	401	<20	<50	0.07	<1	
C67734 (505620)	<1	0.13	4	31	3.18	1420	5.2	2.43	36.2	367	<20	<50	0.11	<1	
C67735 (505621)	<1	0.29	6	24	2.93	1350	4.9	2.48	54.8	346	<20	<50	0.16	<1	
C67736 (505622)	<1	0.44	18	24	3.04	1330	3.9	2.48	60.9	360	<20	<50	0.10	<1	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 05, 2019	DATE RECEIVED: Sep 06, 2019					DATE REPORTED: Sep 23, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
C67737 (505623)	<1	0.22	8	31	3.14	1530	3.8	2.26	59.8	465	<20	<50	0.17	<1	
C67738 (505624)	<1	0.21	8	35	3.14	1520	4.4	2.34	58.3	457	<20	<50	0.18	<1	
C67739 (505625)	<1	0.12	3	19	1.99	1070	11.5	1.46	28.9	239	<20	<50	0.24	<1	
C67740 (505626)	<1	0.14	5	27	2.56	1590	4.8	2.07	1.4	449	<20	<50	0.18	<1	
C67741 (505627)	<1	0.06	7	26	1.47	1730	2.5	1.95	<0.5	695	<20	<50	0.14	<1	
C67742 (505628)	<1	0.05	6	29	2.10	1690	2.1	2.35	0.5	720	<20	<50	0.12	<1	
C67743 (505629)	<1	0.04	3	19	1.17	913	1.9	1.20	1.0	60	<20	<50	0.02	<1	
C67744 (505630)	<1	0.15	7	26	2.01	1700	2.2	2.44	2.8	634	<20	<50	0.08	<1	
C67745 (505631)	<1	0.18	6	19	1.91	1690	1.9	2.38	3.8	640	<20	<50	0.07	<1	
C67746 (505632)	<1	0.43	9	11	4.23	1250	1.8	2.38	93.9	817	<20	<50	0.11	<1	
C67747 (505633)	<1	0.49	8	15	1.37	1930	2.5	1.74	3.5	835	<20	<50	0.07	<1	
C67748 (505634)	<1	0.51	7	25	2.37	1750	1.7	2.69	5.0	577	<20	<50	0.04	<1	
C67749 (505635)	<1	0.52	6	21	2.05	1470	2.0	2.39	13.1	472	<20	<50	0.03	<1	
C67750 (505636)	<1	0.06	6	31	2.33	1520	2.3	2.18	7.1	587	<20	<50	0.08	<1	
C67751 (505637)	<1	0.08	11	29	2.45	1670	2.5	2.13	9.4	853	<20	<50	0.13	<1	
C67752 (505638)	<1	0.05	<2	2	1.65	107	<0.5	0.12	0.8	74	<20	<50	0.08	<1	
C67753 (505639)	<1	0.16	6	34	2.25	1590	2.2	2.07	7.9	568	<20	<50	0.11	<1	
C67754 (505640)	<1	0.72	6	23	2.13	1460	2.2	1.18	21.2	546	<20	<50	0.08	<1	
C67755 (505641)	<1	0.47	5	31	2.58	1190	1.8	1.61	25.8	499	<20	<50	0.02	<1	
C67756 (505642)	<1	0.39	6	35	3.59	1190	1.6	2.74	25.0	515	<20	<50	0.02	<1	
C67757 (505643)	<1	0.44	6	48	2.87	1160	2.3	1.64	23.8	549	<20	<50	0.04	<1	
C67758 (505644)	<1	0.43	6	48	2.90	1200	2.1	1.66	23.7	537	<20	<50	0.04	<1	
C67759 (505645)	<1	0.17	10	34	3.10	972	3.6	2.73	25.6	585	<20	<50	0.08	<1	
C67760 (505646)	<1	0.17	6	37	2.89	1170	2.3	2.79	26.4	546	<20	<50	0.04	<1	
C67761 (505647)	<1	0.37	6	46	3.00	973	1.5	2.59	26.8	541	<20	<50	0.04	<1	
C67762 (505648)	<1	0.80	24	38	1.08	385	2.1	3.43	9.2	622	<20	<50	0.07	<1	
C67763 (505649)	<1	1.04	16	53	2.49	793	1.4	2.95	53.1	707	<20	<50	0.07	<1	
C67764 (505650)	<1	0.71	12	41	2.92	1170	1.7	2.44	62.8	667	<20	<50	0.08	<1	
C67765 (505651)	<1	0.63	11	33	3.14	1380	2.3	2.33	80.3	803	<20	<50	0.23	<1	
C67766 (505652)	<1	0.45	9	11	4.51	1350	1.8	2.42	104	868	<20	<50	0.11	<1	
C67767 (505653)	<1	2.17	82	17	11.3	1490	4.1	0.97	454	1990	<20	<50	0.23	<1	
C67768 (505654)	<1	0.71	25	23	3.37	1560	1.5	1.95	128	1100	<20	<50	0.20	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T514954

PROJECT: AGAT00773

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 05, 2019	DATE RECEIVED: Sep 06, 2019		DATE REPORTED: Sep 23, 2019		SAMPLE TYPE: Drill Core										
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
C67769 (505655)	<1	0.93	23	26	3.14	1800	1.6	2.00	122	1120	<20	<50	0.20	<1	
C67770 (505656)	<1	0.76	25	19	2.41	2410	1.9	1.88	110	1120	<20	<50	0.20	<1	
C67771 (505657)	<1	0.80	25	29	3.19	1600	2.0	2.24	83.1	1210	<20	<50	0.25	<1	
C67772 (505658)	<1	0.02	<2	2	2.52	111	<0.5	0.04	1.1	83	<20	<50	0.09	<1	
C67773 (505659)	<1	0.77	13	30	3.21	1830	1.6	2.19	83.8	677	<20	<50	0.30	<1	
C67774 (505660)	<1	1.26	69	39	3.01	1230	1.6	2.51	60.8	3190	<20	<50	0.13	<1	
C67775 (505661)	<1	1.25	79	37	2.74	1080	1.3	2.56	54.4	3650	<20	<50	0.12	<1	
C67776 (505662)	<1	1.26	24	25	1.88	741	2.0	2.50	39.7	706	<20	<50	0.08	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 05, 2019	DATE RECEIVED: Sep 06, 2019					DATE REPORTED: Sep 23, 2019					SAMPLE TYPE: Drill Core				
Analyte: Unit: RDL:	Sc ppm 1	Se ppm 10	Sn ppm 5	Sr ppm 1	Ta ppm 10	Te ppm 10	Th ppm 5	Ti % 0.01	Tl ppm 5	U ppm 50	V ppm 0.5	W ppm 1	Y ppm 1	Zn ppm 0.5	
C67705 (505591)	7	<10	<5	230	<10	<10	<5	0.23	<5	<50	44.1	<1	8	68.9	
C67706 (505592)	33	<10	<5	235	<10	<10	<5	0.85	<5	<50	234	<1	21	88.0	
C67707 (505593)	5	<10	<5	201	<10	<10	6	0.15	<5	<50	31.8	<1	6	56.9	
C67708 (505594)	36	<10	<5	672	<10	<10	<5	1.79	<5	<50	327	<1	25	112	
C67709 (505595)	5	<10	<5	222	<10	<10	<5	0.22	<5	<50	42.3	<1	9	40.0	
C67710 (505596)	5	<10	<5	211	<10	<10	<5	0.24	<5	<50	39.6	<1	7	57.5	
C67711 (505597)	4	<10	<5	163	<10	<10	22	0.11	<5	<50	18.6	<1	4	39.5	
C67712 (505598)	<1	<10	<5	64	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	3.9	
C67713 (505599)	5	<10	<5	180	<10	<10	<5	0.23	<5	<50	38.1	<1	7	64.9	
C67714 (505600)	4	<10	<5	174	<10	<10	20	0.15	<5	<50	23.6	<1	6	46.7	
C67715 (505601)	6	<10	<5	185	<10	<10	<5	0.23	<5	<50	39.4	<1	7	59.0	
C67716 (505602)	5	<10	<5	171	<10	<10	<5	0.21	<5	<50	34.8	<1	6	64.0	
C67717 (505603)	4	<10	<5	189	<10	<10	12	0.17	<5	<50	30.1	<1	5	40.4	
C67718 (505604)	5	<10	<5	191	<10	<10	14	0.18	<5	<50	31.6	<1	5	43.3	
C67719 (505605)	40	<10	<5	370	<10	<10	<5	0.76	<5	<50	250	<1	31	110	
C67720 (505606)	42	<10	<5	295	<10	<10	<5	0.68	<5	<50	279	<1	27	99.9	
C67721 (505607)	45	<10	<5	280	<10	<10	<5	0.71	<5	<50	310	<1	29	98.4	
C67722 (505608)	46	<10	<5	294	<10	<10	<5	0.75	<5	<50	313	<1	30	99.0	
C67723 (505609)	44	<10	<5	191	<10	<10	<5	0.71	<5	<50	308	<1	29	100	
C67724 (505610)	42	<10	<5	224	<10	<10	<5	0.85	<5	<50	265	<1	32	112	
C67725 (505611)	22	<10	<5	354	<10	<10	<5	0.59	<5	<50	159	<1	25	89.2	
C67726 (505612)	44	<10	<5	107	<10	<10	<5	0.68	<5	<50	299	<1	22	78.2	
C67727 (505613)	37	<10	<5	241	<10	<10	<5	1.03	<5	<50	152	<1	42	118	
C67728 (505614)	39	<10	<5	187	<10	<10	<5	1.05	<5	<50	170	<1	46	106	
C67729 (505615)	37	<10	<5	157	<10	<10	<5	0.98	<5	<50	161	<1	41	140	
C67730 (505616)	46	<10	<5	114	<10	<10	<5	0.74	<5	<50	319	<1	29	132	
C67731 (505617)	15	<10	<5	97	<10	<10	<5	0.34	<5	<50	102	<1	12	119	
C67732 (505618)	<1	<10	<5	79	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	2.2	
C67733 (505619)	43	<10	<5	105	<10	<10	<5	0.96	<5	<50	421	<1	32	106	
C67734 (505620)	47	<10	<5	142	<10	<10	<5	0.93	<5	<50	496	<1	28	117	
C67735 (505621)	49	<10	<5	135	<10	<10	<5	1.10	<5	<50	657	<1	29	120	
C67736 (505622)	50	<10	<5	223	<10	<10	<5	1.05	<5	<50	735	<1	27	87.8	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T514954

PROJECT: AGAT00773

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 05, 2019	DATE RECEIVED: Sep 06, 2019					DATE REPORTED: Sep 23, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
C67737 (505623)	49	<10	<5	110	<10	<10	<5	1.01	<5	<50	748	<1	30	179	
C67738 (505624)	49	<10	<5	112	<10	<10	<5	1.03	<5	<50	761	<1	30	188	
C67739 (505625)	35	<10	<5	96	<10	<10	<5	0.76	<5	<50	496	<1	21	116	
C67740 (505626)	49	<10	<5	109	<10	<10	<5	1.19	<5	<50	504	<1	34	148	
C67741 (505627)	40	<10	<5	101	<10	<10	<5	1.13	<5	<50	186	<1	50	106	
C67742 (505628)	41	<10	<5	146	<10	<10	<5	1.13	<5	<50	208	<1	49	114	
C67743 (505629)	22	<10	<5	81	<10	<10	<5	0.60	<5	<50	111	<1	25	64.0	
C67744 (505630)	42	<10	<5	161	<10	<10	<5	1.11	<5	<50	264	<1	47	100	
C67745 (505631)	43	<10	<5	130	<10	<10	<5	1.11	<5	<50	290	<1	45	81.1	
C67746 (505632)	32	<10	<5	230	<10	<10	<5	0.83	<5	<50	229	<1	21	85.2	
C67747 (505633)	40	<10	<5	108	<10	<10	<5	0.91	<5	<50	274	<1	41	55.1	
C67748 (505634)	50	<10	<5	131	<10	<10	<5	1.08	<5	<50	358	<1	47	102	
C67749 (505635)	39	<10	<5	146	<10	<10	<5	0.93	<5	<50	299	<1	39	78.8	
C67750 (505636)	42	<10	<5	181	<10	<10	<5	1.08	<5	<50	336	<1	44	80.8	
C67751 (505637)	41	<10	<5	216	<10	<10	<5	1.09	<5	<50	343	<1	42	84.9	
C67752 (505638)	<1	<10	<5	72	<10	<10	<5	<0.01	<5	<50	1.8	<1	2	3.4	
C67753 (505639)	44	<10	<5	158	<10	<10	<5	1.11	<5	<50	361	<1	44	92.5	
C67754 (505640)	43	<10	<5	89	<10	<10	<5	1.00	<5	<50	394	<1	39	75.6	
C67755 (505641)	43	<10	<5	78	<10	<10	<5	1.03	<5	<50	428	<1	36	62.1	
C67756 (505642)	44	<10	<5	81	<10	<10	<5	0.95	<5	<50	405	<1	37	83.9	
C67757 (505643)	43	<10	<5	96	<10	<10	<5	1.01	<5	<50	411	<1	38	82.5	
C67758 (505644)	43	<10	<5	99	<10	<10	<5	1.01	<5	<50	413	<1	38	86.7	
C67759 (505645)	45	<10	<5	105	<10	<10	<5	1.06	<5	<50	472	<1	40	94.7	
C67760 (505646)	48	<10	<5	128	<10	<10	<5	1.07	<5	<50	460	<1	40	98.9	
C67761 (505647)	47	<10	<5	136	<10	<10	<5	1.08	<5	<50	454	<1	39	87.9	
C67762 (505648)	7	<10	<5	205	<10	<10	<5	0.26	<5	<50	60.0	<1	9	58.2	
C67763 (505649)	14	<10	<5	224	<10	<10	<5	0.62	<5	<50	108	<1	15	103	
C67764 (505650)	19	<10	<5	217	<10	<10	<5	0.81	<5	<50	153	<1	20	118	
C67765 (505651)	28	<10	<5	286	<10	<10	<5	0.88	<5	<50	194	<1	32	114	
C67766 (505652)	34	<10	<5	243	<10	<10	<5	0.88	<5	<50	243	<1	22	97.6	
C67767 (505653)	22	<10	<5	1140	<10	<10	<5	1.62	<5	<50	280	<1	23	88.8	
C67768 (505654)	23	<10	<5	379	<10	<10	<5	0.89	<5	<50	192	<1	23	132	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T514954

PROJECT: AGAT00773

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 05, 2019	DATE RECEIVED: Sep 06, 2019					DATE REPORTED: Sep 23, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
C67769 (505655)	24	<10	<5	388	<10	<10	<5	0.96	<5	<50	202	<1	23	131	
C67770 (505656)	24	<10	<5	362	<10	<10	<5	0.98	<5	<50	202	<1	24	131	
C67771 (505657)	22	<10	<5	314	<10	<10	<5	0.96	<5	<50	189	<1	23	131	
C67772 (505658)	<1	<10	<5	64	<10	<10	<5	<0.01	<5	<50	1.5	<1	2	4.2	
C67773 (505659)	22	<10	<5	344	<10	<10	<5	0.99	<5	<50	198	<1	22	143	
C67774 (505660)	16	<10	<5	416	<10	<10	<5	0.76	<5	<50	136	<1	21	109	
C67775 (505661)	16	<10	<5	411	<10	<10	<5	0.72	<5	<50	124	<1	22	96.8	
C67776 (505662)	12	<10	<5	311	<10	<10	<5	0.34	<5	<50	77.6	<1	12	62.3	

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ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 05, 2019      DATE RECEIVED: Sep 06, 2019      DATE REPORTED: Sep 23, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C67705 (505591)				84
C67706 (505592)				93
C67707 (505593)				98
C67708 (505594)				263
C67709 (505595)				86
C67710 (505596)				92
C67711 (505597)				92
C67712 (505598)				<5
C67713 (505599)				100
C67714 (505600)				92
C67715 (505601)				88
C67716 (505602)				80
C67717 (505603)				59
C67718 (505604)				62
C67719 (505605)				35
C67720 (505606)				18
C67721 (505607)				25
C67722 (505608)				18
C67723 (505609)				17
C67724 (505610)				18
C67725 (505611)				13
C67726 (505612)				57
C67727 (505613)				20
C67728 (505614)				22
C67729 (505615)				25
C67730 (505616)				21
C67731 (505617)				14
C67732 (505618)				<5
C67733 (505619)				19
C67734 (505620)				18
C67735 (505621)				24
C67736 (505622)				33

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T514954

PROJECT: AGAT00773

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 05, 2019      DATE RECEIVED: Sep 06, 2019      DATE REPORTED: Sep 23, 2019      SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
C67737 (505623)	30
C67738 (505624)	34
C67739 (505625)	19
C67740 (505626)	23
C67741 (505627)	23
C67742 (505628)	23
C67743 (505629)	11
C67744 (505630)	21
C67745 (505631)	24
C67746 (505632)	89
C67747 (505633)	31
C67748 (505634)	25
C67749 (505635)	19
C67750 (505636)	21
C67751 (505637)	21
C67752 (505638)	<5
C67753 (505639)	18
C67754 (505640)	24
C67755 (505641)	24
C67756 (505642)	44
C67757 (505643)	20
C67758 (505644)	22
C67759 (505645)	69
C67760 (505646)	34
C67761 (505647)	41
C67762 (505648)	91
C67763 (505649)	92
C67764 (505650)	39
C67765 (505651)	57
C67766 (505652)	92
C67767 (505653)	62
C67768 (505654)	22

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 05, 2019	DATE RECEIVED: Sep 06, 2019	DATE REPORTED: Sep 23, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C67769 (505655)				27
C67770 (505656)				17
C67771 (505657)				44
C67772 (505658)				<5
C67773 (505659)				24
C67774 (505660)				123
C67775 (505661)				114
C67776 (505662)				89

Comments: RDL - Reported Detection Limit  
 505591-505662 As, Sb values may be low due to digestion losses.  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



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PROJECT: AGAT00773

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 05, 2019      DATE RECEIVED: Sep 06, 2019      DATE REPORTED: Sep 23, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C67705 (505591)			0.016
C67706 (505592)			0.342
C67707 (505593)			0.009
C67708 (505594)			0.003
C67709 (505595)			0.003
C67710 (505596)			0.005
C67711 (505597)			0.006
C67712 (505598)			<0.001
C67713 (505599)			0.004
C67714 (505600)			0.005
C67715 (505601)			0.003
C67716 (505602)			0.001
C67717 (505603)			0.001
C67718 (505604)			0.002
C67719 (505605)			0.003
C67720 (505606)			0.003
C67721 (505607)			0.004
C67722 (505608)			0.004
C67723 (505609)			0.002
C67724 (505610)			0.003
C67725 (505611)			0.002
C67726 (505612)			0.549
C67727 (505613)			0.003
C67728 (505614)			0.002
C67729 (505615)			0.003
C67730 (505616)			0.004
C67731 (505617)			0.006
C67732 (505618)			0.001
C67733 (505619)			0.004
C67734 (505620)			0.002
C67735 (505621)			0.003
C67736 (505622)			0.010

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T514954

PROJECT: AGAT00773

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 05, 2019      DATE RECEIVED: Sep 06, 2019      DATE REPORTED: Sep 23, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
C67737 (505623)		0.005	
C67738 (505624)		0.004	
C67739 (505625)		0.003	
C67740 (505626)		0.004	
C67741 (505627)		0.005	
C67742 (505628)		0.005	
C67743 (505629)		<0.001	
C67744 (505630)		0.005	
C67745 (505631)		0.003	
C67746 (505632)		0.341	
C67747 (505633)		0.002	
C67748 (505634)		0.005	
C67749 (505635)		0.001	
C67750 (505636)		0.003	
C67751 (505637)		0.003	
C67752 (505638)		0.002	
C67753 (505639)		0.002	
C67754 (505640)		0.009	
C67755 (505641)		0.003	
C67756 (505642)		0.006	
C67757 (505643)		0.005	
C67758 (505644)		0.007	
C67759 (505645)		0.008	
C67760 (505646)		0.010	
C67761 (505647)		0.008	
C67762 (505648)		0.005	
C67763 (505649)		0.002	
C67764 (505650)		0.002	
C67765 (505651)		0.141	
C67766 (505652)		0.337	
C67767 (505653)		0.003	
C67768 (505654)		0.003	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T514954

PROJECT: AGAT00773

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 05, 2019

DATE RECEIVED: Sep 06, 2019

DATE REPORTED: Sep 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C67769 (505655)			0.003
C67770 (505656)			0.002
C67771 (505657)			0.004
C67772 (505658)			<0.001
C67773 (505659)			0.004
C67774 (505660)			0.003
C67775 (505661)			0.004
C67776 (505662)			0.011

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T514954

PROJECT: AGAT00773

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Sep 05, 2019

DATE RECEIVED: Sep 06, 2019

DATE REPORTED: Sep 23, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
C67705 (505591)		88.93
C67724 (505610)		83.77
C67744 (505630)		88.60
C67764 (505650)		90.29

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T514954

PROJECT: AGAT00773

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Sep 05, 2019      DATE RECEIVED: Sep 06, 2019      DATE REPORTED: Sep 23, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
C67705 (505591)		95.39
C67741 (505627)		86.89

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	505591	< 0.5	< 0.5	0.0%	505605	< 0.5	< 0.5	0.0%	505616	< 0.5	< 0.5	0.0%	505630	< 0.5	< 0.5	0.0%
Al	505591	8.04	8.09	0.6%	505605	7.21	7.22	0.1%	505616	7.53	7.37	2.1%	505630	6.86	6.90	0.6%
As	505591	5	3		505605	< 1	< 1	0.0%	505616	< 1	< 1	0.0%	505630	< 1	< 1	0.0%
Ba	505591	399	427	6.8%	505605	80	82	2.5%	505616	204	205	0.5%	505630	50	50	0.0%
Be	505591	1.0	1.0	0.0%	505605	0.5	0.5	0.0%	505616	< 0.5	< 0.5	0.0%	505630	0.47	0.55	15.7%
Bi	505591	< 1	< 1	0.0%	505605	< 1	< 1	0.0%	505616	< 1	< 1	0.0%	505630	< 1	< 1	0.0%
Ca	505591	2.76	2.86	3.6%	505605	5.18	5.12	1.2%	505616	5.31	5.31	0.0%	505630	4.82	4.84	0.4%
Cd	505591	< 0.5	< 0.5	0.0%	505605	< 0.5	< 0.5	0.0%	505616	< 0.5	< 0.5	0.0%	505630	< 0.5	< 0.5	0.0%
Ce	505591	33	35	5.9%	505605	4	2		505616	< 1	< 1	0.0%	505630	2	2	0.0%
Co	505591	7.95	7.95	0.0%	505605	33.1	34.6	4.4%	505616	40.7	40.5	0.5%	505630	28.7	29.4	2.4%
Cr	505591	86.5	73.4	16.4%	505605	112	117	4.4%	505616	96.1	102	6.0%	505630	5.09	4.42	14.1%
Cu	505591	17.9	20.4	13.1%	505605	92.4	92.0	0.4%	505616	20.9	22.8	8.7%	505630	3.61	3.32	8.4%
Fe	505591	2.67	2.52	5.8%	505605	8.98	8.88	1.1%	505616	9.65	9.62	0.3%	505630	10.8	10.9	0.9%
Ga	505591	18	18	0.0%	505605	20	20	0.0%	505616	18	19	5.4%	505630	23	24	4.3%
In	505591	< 1	< 1	0.0%	505605	< 1	< 1	0.0%	505616	< 1	< 1	0.0%	505630	< 1	< 1	0.0%
K	505591	2.14	2.11	1.4%	505605	0.64	0.64	0.0%	505616	0.65	0.64	1.6%	505630	0.15	0.15	0.0%
La	505591	17	18	5.7%	505605	6	5	18.2%	505616	4	4	0.0%	505630	7	7	0.0%
Li	505591	22	21	4.7%	505605	19	18	5.4%	505616	37	36	2.7%	505630	26	25	3.9%
Mg	505591	1.12	1.10	1.8%	505605	3.11	3.11	0.0%	505616	4.77	4.63	3.0%	505630	2.01	2.02	0.5%
Mn	505591	417	408	2.2%	505605	1450	1450	0.0%	505616	1520	1480	2.7%	505630	1700	1720	1.2%
Mo	505591	12.5	12.0	4.1%	505605	6.8	7.0	2.9%	505616	3.6	4.2	15.4%	505630	2.17	1.75	21.4%
Na	505591	2.42	2.40	0.8%	505605	2.38	2.35	1.3%	505616	2.33	2.28	2.2%	505630	2.44	2.44	0.0%
Ni	505591	14.5	13.2	9.4%	505605	47.6	47.9	0.6%	505616	66.2	65.6	0.9%	505630	2.8	2.3	19.6%
P	505591	513	505	1.6%	505605	517	531	2.7%	505616	298	265	11.7%	505630	634	674	6.1%
Pb	505591	< 20	< 20	0.0%	505605	< 20	< 20	0.0%	505616	< 20	< 20	0.0%	505630	< 20	< 20	0.0%
Rb	505591	< 50	< 50	0.0%	505605	< 50	< 50	0.0%	505616	< 50	< 50	0.0%	505630	< 50	< 50	0.0%
S	505591	0.050	0.058	14.8%	505605	0.16	0.16	0.0%	505616	0.05	0.05	0.0%	505630	0.08	0.08	0.0%
Sb	505591	< 1	< 1	0.0%	505605	< 1	< 1	0.0%	505616	< 1	< 1	0.0%	505630	< 1	< 1	0.0%
Sc	505591	7	7	0.0%	505605	40	40	0.0%	505616	46	46	0.0%	505630	42	43	2.4%
Se	505591	< 10	< 10	0.0%	505605	< 10	< 10	0.0%	505616	< 10	< 10	0.0%	505630	< 10	< 10	0.0%
Sn	505591	< 5	< 5	0.0%	505605	< 5	< 5	0.0%	505616	< 5	< 5	0.0%	505630	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	505591	230	241	4.7%	505605	370	363	1.9%	505616	114	113	0.9%	505630	161	161	0.0%
Ta	505591	< 10	< 10	0.0%	505605	< 10	< 10	0.0%	505616	< 10	< 10	0.0%	505630	< 10	< 10	0.0%
Te	505591	< 10	< 10	0.0%	505605	< 10	< 10	0.0%	505616	< 10	< 10	0.0%	505630	< 10	< 10	0.0%
Th	505591	< 5	< 5	0.0%	505605	< 5	< 5	0.0%	505616	< 5	< 5	0.0%	505630	< 5	< 5	0.0%
Ti	505591	0.234	0.237	1.3%	505605	0.76	0.75	1.3%	505616	0.738	0.733	0.7%	505630	1.11	1.12	0.9%
Tl	505591	< 5	< 5	0.0%	505605	< 5	< 5	0.0%	505616	< 5	< 5	0.0%	505630	< 5	< 5	0.0%
U	505591	< 50	< 50	0.0%	505605	< 50	< 50	0.0%	505616	< 50	< 50	0.0%	505630	< 50	< 50	0.0%
V	505591	44.1	44.7	1.4%	505605	250	249	0.4%	505616	319	317	0.6%	505630	264	266	0.8%
W	505591	< 1	< 1	0.0%	505605	< 1	< 1	0.0%	505616	< 1	< 1	0.0%	505630	< 1	< 1	0.0%
Y	505591	8	8	0.0%	505605	31	31	0.0%	505616	29	29	0.0%	505630	47	47	0.0%
Zn	505591	68.9	61.0	12.2%	505605	110	111	0.9%	505616	132	132	0.0%	505630	100	97.9	2.1%
Zr	505591	84	91	8.0%	505605	35	39	10.8%	505616	21	18	15.4%	505630	21	23	9.1%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	505641	< 0.5	< 0.5	0.0%	505655	< 0.5	< 0.5	0.0%								
Al	505641	6.78	6.72	0.9%	505655	8.16	8.05	1.4%								
As	505641	< 1	< 1	0.0%	505655	< 1	< 1	0.0%								
Ba	505641	48	49	2.1%	505655	250	248	0.8%								
Be	505641	< 0.5	< 0.5	0.0%	505655	0.6	0.6	0.0%								
Bi	505641	< 1	< 1	0.0%	505655	< 1	< 1	0.0%								
Ca	505641	5.58	5.52	1.1%	505655	6.48	6.41	1.1%								
Cd	505641	< 0.5	< 0.5	0.0%	505655	< 0.5	< 0.5	0.0%								
Ce	505641	< 1	< 1	0.0%	505655	41	42	2.4%								
Co	505641	35.9	36.3	1.1%	505655	43.0	42.8	0.5%								
Cr	505641	9.1	11.0	18.9%	505655	122	119	2.5%								
Cu	505641	< 0.5	< 0.5	0.0%	505655	57.3	57.7	0.7%								
Fe	505641	11.8	11.7	0.9%	505655	9.55	9.47	0.8%								
Ga	505641	24	25	4.1%	505655	21	20	4.9%								
In	505641	< 1	< 1	0.0%	505655	< 1	< 1	0.0%								
K	505641	0.47	0.47	0.0%	505655	0.93	0.92	1.1%								
La	505641	5	5	0.0%	505655	23	23	0.0%								
Li	505641	31	30	3.3%	505655	26	25	3.9%								
Mg	505641	2.58	2.54	1.6%	505655	3.14	3.10	1.3%								
Mn	505641	1190	1170	1.7%	505655	1800	1780	1.1%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	505641	1.78	1.87	4.9%	505655	1.63	1.97	18.9%								
Na	505641	1.61	1.59	1.3%	505655	2.00	1.98	1.0%								
Ni	505641	25.8	26.6	3.1%	505655	122	120	1.7%								
P	505641	499	508	1.8%	505655	1120	1100	1.8%								
Pb	505641	< 20	< 20	0.0%	505655	< 20	< 20	0.0%								
Rb	505641	< 50	< 50	0.0%	505655	< 50	< 50	0.0%								
S	505641	0.02	0.02	0.0%	505655	0.20	0.20	0.0%								
Sb	505641	< 1	< 1	0.0%	505655	< 1	< 1	0.0%								
Sc	505641	43	44	2.3%	505655	24	25	4.1%								
Se	505641	< 10	< 10	0.0%	505655	< 10	< 10	0.0%								
Sn	505641	< 5	< 5	0.0%	505655	< 5	< 5	0.0%								
Sr	505641	78	78	0.0%	505655	388	384	1.0%								
Ta	505641	< 10	< 10	0.0%	505655	< 10	< 10	0.0%								
Te	505641	< 10	< 10	0.0%	505655	< 10	< 10	0.0%								
Th	505641	< 5	< 5	0.0%	505655	< 5	< 5	0.0%								
Ti	505641	1.03	1.01	2.0%	505655	0.96	0.95	1.0%								
Tl	505641	< 5	< 5	0.0%	505655	< 5	< 5	0.0%								
U	505641	< 50	< 50	0.0%	505655	< 50	< 50	0.0%								
V	505641	428	437	2.1%	505655	202	200	1.0%								
W	505641	< 1	< 1	0.0%	505655	< 1	< 1	0.0%								
Y	505641	36	38	5.4%	505655	23	23	0.0%								
Zn	505641	62.1	63.0	1.4%	505655	131	132	0.8%								
Zr	505641	24	27	11.8%	505655	27	24	11.8%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	505591	0.0163	0.0167	2.4%	505605	0.003	0.005		505616	0.004	0.002		505630	0.005	< 0.001	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	505641	0.0029	0.0024	18.9%	505655	0.003	0.003	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GSP7M)				CRM #2 (ref.GSP5G)				CRM #3 (ref.1P5R)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	2.94	97%	90% - 110%
Al	10.95	10.88	99%	90% - 110%	8.17	8.09	99%	90% - 110%	6.96	6.97	100%	90% - 110%	4.75	4.82	101%	90% - 110%
As									124	113	91%	90% - 110%				
Ba	340	324	95%	90% - 110%	540	495	92%	90% - 110%	186	176	95%	90% - 110%	216	215	99%	90% - 110%
Be	2.6	2.6	101%	90% - 110%	4.0	3.1	76%	90% - 110%								
Ca	5.72	5.42	95%	90% - 110%	0.907	0.828	91%	90% - 110%	4.01	3.64	91%	90% - 110%	10	9	93%	90% - 110%
Ce	122	121	99%	90% - 110%	98	94	96%	90% - 110%	24	25	104%	90% - 110%				
Co									22.1	20	90%	90% - 110%	191	179	93%	90% - 110%
Cr					60.3	61	101%	90% - 110%					670	615	91%	90% - 110%
Cu					150	149	99%	90% - 110%	88.6	84.1	95%	90% - 110%	7120	7202	101%	90% - 110%
Fe	4.34	3.92	90%	90% - 110%	3.77	3.46	92%	90% - 110%	7.56	6.82	90%	90% - 110%	12.71	11.84	93%	90% - 110%
Ga	35	34	96%	90% - 110%												
K	1.37	1.44	105%	90% - 110%					2.021	2.091	103%	90% - 110%	0.1021	0.1104	108%	90% - 110%
La	58	53	92%	90% - 110%	44	43	97%	90% - 110%					8.47	8.07	95%	90% - 110%
Li	37	40	109%	90% - 110%	47	49	104%	90% - 110%								
Mg	0.325	0.297	91%	90% - 110%	1.10	1.04	95%	90% - 110%	2.412	2.404	100%	90% - 110%	7.41	7.48	101%	90% - 110%
Mn					780	719	92%	90% - 110%	1510	1386	92%	90% - 110%				
Mo					14	13	96%	90% - 110%								
Na	5.267	5.67	108%	90% - 110%	1.624	1.727	106%	90% - 110%	0.617	0.675	109%	90% - 110%	0.112	0.123	110%	90% - 110%
Ni	9	9	100%	90% - 110%	32	30	93%	90% - 110%	77.1	71.5	92%	90% - 110%	2480	2285	92%	90% - 110%
P					750	701	93%	90% - 110%	892	849	95%	90% - 110%	731	705	96%	90% - 110%
Pb	10	9	90%	90% - 110%	31	29	93%	90% - 110%								
S									0.348	0.362	104%	90% - 110%				
Sc	1.1	1	91%	90% - 110%	12	12	101%	90% - 110%					21.33	21.1	99%	90% - 110%
Sr	1191	1107	93%	90% - 110%	144	142	99%	90% - 110%	92.8	84.4	91%	90% - 110%	39	36	93%	90% - 110%
Ti	0.172	0.169	98%	90% - 110%	0.53	0.48	90%	90% - 110%					0.419	0.416	99%	90% - 110%
V	8	7	92%	90% - 110%	77	77	100%	90% - 110%					158	163	103%	90% - 110%
Y	119	121	102%	90% - 110%									12.67	12.88	102%	90% - 110%
Zn	93	91	98%	90% - 110%	130	118	90%	90% - 110%	208	199	96%	90% - 110%	112	120	107%	90% - 110%
Zr													35.7	37.9	106%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GSP7M)				CRM #2 (ref.GSP5G)				CRM #3 (ref.1P5R)				CRM #4 (ref.GS6F)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.725	0.733	101%	90% - 110%	0.562	0.539	96%	90% - 110%	1.81	1.85	102%	90% - 110%	6.87	7.07	103%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00773  
 SAMPLING SITE:

AGAT WORK ORDER: 19T514954  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00774

AGAT WORK ORDER: 19T514956

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 24, 2019

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



# Certificate of Analysis

AGAT WORK ORDER: 19T514956

PROJECT: AGAT00774

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Sep 05, 2019      DATE RECEIVED: Sep 06, 2019      DATE REPORTED: Sep 24, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
C67633 (505738)		0.72
C67634 (505739)		2.10
C67635 (505740)		1.62
C67636 (505741)		0.77
C67637 (505742)		2.02
C67638 (505743)		2.02
C67639 (505744)		3.19
C67640 (505745)		2.30
C67641 (505746)		2.41
C67642 (505747)		1.70
C67643 (505748)		0.58
C67644 (505749)		3.46
C67645 (505750)		0.70
C67646 (505751)		0.07
C67647 (505752)		0.86
C67648 (505753)		1.22
C67649 (505754)		1.84
C67650 (505755)		1.12
C67651 (505756)		1.52
C67652 (505757)		0.63
C67653 (505758)		1.17
C67654 (505759)		2.04
C67655 (505760)		0.71
C67656 (505761)		2.62
C67657 (505762)		2.49
C67658 (505763)		2.49
C67659 (505764)		0.83
C67660 (505765)		3.34
C67661 (505766)		1.10
C67662 (505767)		2.12
C67663 (505768)		2.52

Certified By:





## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 05, 2019      DATE RECEIVED: Sep 06, 2019      DATE REPORTED: Sep 24, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
C67664 (505769)		2.86
C67665 (505770)		1.89
C67666 (505771)		0.07
C67667 (505772)		0.62
C67668 (505773)		1.99
C67669 (505774)		1.45
C67670 (505775)		1.09
C67671 (505776)		3.23
C67672 (505777)		0.68
C67673 (505778)		0.81
C67674 (505779)		1.47
C67675 (505780)		2.41
C67676 (505781)		3.33
C67677 (505782)		1.12
C67678 (505783)		1.12
C67679 (505784)		2.28
C67680 (505785)		2.28
C67681 (505786)		2.33
C67682 (505787)		2.05
C67683 (505788)		3.37
C67684 (505789)		0.68
C67685 (505790)		2.89
C67686 (505791)		0.07
C67687 (505792)		2.23
C67688 (505793)		1.30
C67689 (505794)		1.15
C67690 (505795)		1.89
C67691 (505796)		2.59
C67692 (505797)		0.65
C67693 (505798)		1.98
C67694 (505799)		0.86

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## Certificate of Analysis

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PROJECT: AGAT00774

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 05, 2019      DATE RECEIVED: Sep 06, 2019      DATE REPORTED: Sep 24, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
C67695 (505800)		1.60
C67696 (505801)		1.63
C67697 (505802)		1.32
C67698 (505803)		1.32
C67699 (505804)		0.91
C67700 (505805)		0.89
C67701 (505806)		0.93
C67702 (505807)		3.12
C67703 (505808)		2.33
C67704 (505809)		2.56

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T514956

PROJECT: AGAT00774

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 05, 2019	DATE RECEIVED: Sep 06, 2019							DATE REPORTED: Sep 24, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C67633 (505738)	1.2	7.12	<1	422	1.4	<1	1.36	<0.5	42	6.2	74.3	<0.5	3.25	21	
C67634 (505739)	<0.5	6.60	<1	283	1.6	<1	2.38	<0.5	58	2.7	49.8	1.0	1.32	14	
C67635 (505740)	<0.5	7.31	2	533	3.6	<1	3.29	<0.5	59	4.0	61.6	17.4	1.65	16	
C67636 (505741)	<0.5	5.86	1	323	3.4	<1	1.37	<0.5	28	1.3	55.0	9.3	1.29	14	
C67637 (505742)	<0.5	6.67	<1	604	2.1	<1	2.63	<0.5	56	1.3	66.9	0.8	1.00	13	
C67638 (505743)	<0.5	6.62	<1	614	2.1	<1	2.61	<0.5	57	1.0	56.4	1.1	0.97	13	
C67639 (505744)	<0.5	8.03	1	713	2.0	<1	2.73	<0.5	66	8.0	78.1	27.9	2.81	18	
C67640 (505745)	<0.5	8.03	<1	398	1.3	<1	2.64	<0.5	68	8.7	77.0	12.2	3.17	18	
C67641 (505746)	<0.5	7.99	2	471	1.5	<1	3.08	<0.5	66	8.5	84.4	<0.5	2.97	18	
C67642 (505747)	<0.5	7.64	<1	429	1.4	<1	3.23	<0.5	55	7.9	70.2	2.0	2.80	16	
C67643 (505748)	<0.5	7.00	<1	675	1.7	<1	3.19	<0.5	33	7.2	85.5	<0.5	2.65	15	
C67644 (505749)	<0.5	8.23	<1	612	0.9	<1	2.53	<0.5	38	8.5	81.6	21.4	2.80	17	
C67645 (505750)	0.6	7.37	<1	184	1.3	<1	2.08	<0.5	97	4.5	65.7	7.6	2.44	20	
C67646 (505751)	<0.5	7.37	<1	183	0.5	<1	6.23	<0.5	21	37.6	136	102	7.70	17	
C67647 (505752)	1.5	7.30	<1	153	1.1	<1	1.64	<0.5	103	5.7	76.0	2.1	2.95	20	
C67648 (505753)	2.1	8.07	<1	742	0.8	<1	1.11	<0.5	46	4.3	64.9	<0.5	2.44	19	
C67649 (505754)	<0.5	8.04	<1	328	1.1	<1	1.87	<0.5	68	8.1	81.1	<0.5	3.06	18	
C67650 (505755)	<0.5	7.94	<1	518	1.0	<1	1.80	<0.5	68	7.9	73.7	5.0	2.77	17	
C67651 (505756)	<0.5	7.93	<1	457	1.0	<1	1.87	<0.5	79	7.8	76.9	15.8	2.85	18	
C67652 (505757)	<0.5	0.07	2	24	<0.5	<1	32.1	<0.5	<1	<0.5	8.5	<0.5	0.10	<5	
C67653 (505758)	0.5	7.37	<1	831	0.8	<1	1.66	<0.5	80	5.9	66.4	23.9	2.42	17	
C67654 (505759)	<0.5	8.01	<1	401	1.0	<1	2.50	<0.5	62	7.7	79.1	47.1	2.80	18	
C67655 (505760)	<0.5	6.70	<1	552	3.5	<1	1.59	<0.5	51	4.6	66.9	13.6	2.77	16	
C67656 (505761)	<0.5	8.41	<1	669	0.9	<1	3.02	<0.5	51	8.0	63.4	37.7	2.88	17	
C67657 (505762)	<0.5	8.16	<1	758	0.8	<1	2.59	<0.5	51	8.0	77.5	3.0	2.94	18	
C67658 (505763)	<0.5	8.17	<1	767	0.8	<1	2.57	<0.5	51	8.1	68.4	3.1	2.93	18	
C67659 (505764)	<0.5	7.83	<1	784	0.9	<1	2.16	<0.5	47	6.9	77.4	10.3	2.64	17	
C67660 (505765)	<0.5	8.22	<1	603	1.6	<1	2.78	<0.5	49	7.5	85.2	<0.5	2.92	17	
C67661 (505766)	<0.5	8.22	<1	846	1.0	<1	2.97	<0.5	51	8.7	68.2	13.5	2.88	17	
C67662 (505767)	<0.5	7.74	3	449	1.2	<1	2.88	<0.5	51	7.5	59.2	33.3	2.50	17	
C67663 (505768)	<0.5	6.48	<1	525	1.0	<1	2.53	<0.5	70	2.0	39.7	6.9	1.18	12	
C67664 (505769)	<0.5	7.90	1	926	1.7	<1	3.46	<0.5	48	7.0	78.1	1.4	2.84	17	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T514956

PROJECT: AGAT00774

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 05, 2019	DATE RECEIVED: Sep 06, 2019						DATE REPORTED: Sep 24, 2019						SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
C67665 (505770)	<0.5	8.23	<1	533	1.5	<1	2.90	<0.5	52	7.9	63.1	10.4	2.90	18	
C67666 (505771)	<0.5	7.25	<1	143	<0.5	<1	6.78	<0.5	9	38.9	134	155	8.14	15	
C67667 (505772)	<0.5	8.46	3	405	1.9	<1	1.97	<0.5	52	2.6	71.2	3.2	1.32	19	
C67668 (505773)	<0.5	8.10	<1	427	1.1	<1	3.04	<0.5	65	6.8	82.9	17.4	2.77	17	
C67669 (505774)	<0.5	8.14	<1	391	1.1	<1	2.96	<0.5	66	8.5	80.0	<0.5	2.83	17	
C67670 (505775)	<0.5	6.62	36	264	1.1	<1	1.52	1.0	261	3.4	107	<0.5	6.27	29	
C67671 (505776)	<0.5	8.13	2	567	0.9	<1	3.21	<0.5	45	7.9	72.9	8.8	2.74	17	
C67672 (505777)	<0.5	0.06	2	14	<0.5	<1	30.7	<0.5	<1	<0.5	8.4	<0.5	0.08	<5	
C67673 (505778)	0.6	7.32	6	848	1.2	<1	5.45	<0.5	106	16.6	131	23.0	4.89	15	
C67674 (505779)	0.6	8.03	<1	389	1.0	<1	3.02	<0.5	38	12.1	96.0	52.7	3.16	17	
C67675 (505780)	<0.5	7.88	6	419	0.9	<1	2.93	<0.5	35	7.9	89.8	13.2	2.71	16	
C67676 (505781)	<0.5	8.12	3	494	0.9	<1	3.08	<0.5	39	6.9	80.2	20.0	2.25	16	
C67677 (505782)	<0.5	7.74	4	495	1.1	<1	3.67	<0.5	72	6.9	90.0	32.0	2.42	16	
C67678 (505783)	<0.5	7.74	3	507	1.1	<1	3.73	<0.5	71	7.3	93.2	32.6	2.43	16	
C67679 (505784)	<0.5	7.78	2	527	1.0	<1	3.41	<0.5	33	7.8	91.0	13.2	2.62	16	
C67680 (505785)	<0.5	7.82	<1	565	1.1	<1	2.91	<0.5	70	6.3	85.1	5.8	2.42	16	
C67681 (505786)	0.6	7.56	3	557	1.1	<1	2.67	<0.5	42	6.0	77.3	7.5	2.15	16	
C67682 (505787)	<0.5	7.96	4	577	1.0	<1	3.21	<0.5	45	6.1	90.1	3.3	2.31	17	
C67683 (505788)	0.7	7.62	3	539	0.9	<1	2.94	<0.5	44	5.7	89.3	33.8	2.23	16	
C67684 (505789)	<0.5	7.05	1	476	0.9	<1	2.77	<0.5	30	5.5	97.5	22.7	2.14	14	
C67685 (505790)	<0.5	8.18	6	528	1.0	<1	3.61	<0.5	37	7.5	80.2	34.9	2.65	17	
C67686 (505791)	<0.5	7.38	<1	185	0.5	<1	6.26	<0.5	21	35.9	134	105	7.76	16	
C67687 (505792)	0.6	7.39	4	499	1.2	<1	3.12	<0.5	48	7.6	92.9	36.6	2.43	16	
C67688 (505793)	<0.5	7.91	2	814	1.5	<1	3.10	<0.5	78	5.0	74.9	4.9	2.17	16	
C67689 (505794)	<0.5	6.23	<1	1870	2.1	<1	8.15	<0.5	207	33.9	97.4	45.2	8.12	14	
C67690 (505795)	<0.5	7.76	5	622	1.1	<1	3.27	<0.5	81	9.3	108	<0.5	2.57	21	
C67691 (505796)	2.5	31.4	19	2140	4.9	<1	11.0	<0.5	203	34.4	318	43.9	9.51	86	
C67692 (505797)	<0.5	0.12	<1	23	<0.5	<1	28.8	<0.5	<1	<0.5	16.7	<0.5	0.11	<5	
C67693 (505798)	<0.5	7.40	1	490	1.1	<1	2.76	<0.5	38	5.4	77.5	16.2	2.08	15	
C67694 (505799)	0.6	6.84	1	567	<0.5	<1	0.44	<0.5	31	1.4	76.4	5.4	1.19	13	
C67695 (505800)	<0.5	7.47	<1	463	1.3	<1	2.53	<0.5	63	4.3	85.8	12.5	2.27	16	
C67696 (505801)	<0.5	8.14	1	528	0.8	<1	0.87	<0.5	61	1.6	67.3	7.9	1.30	15	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T514956

PROJECT: AGAT00774

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 05, 2019		DATE RECEIVED: Sep 06, 2019						DATE REPORTED: Sep 24, 2019				SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
C67697 (505802)		<0.5	7.47	2	355	1.2	<1	1.91	<0.5	83	3.8	72.9	7.2	2.05	16
C67698 (505803)		<0.5	7.38	2	353	1.1	<1	1.88	<0.5	82	3.6	80.2	7.0	2.04	16
C67699 (505804)		<0.5	8.19	<1	624	0.9	<1	2.72	<0.5	51	7.2	79.4	9.9	2.59	17
C67700 (505805)		0.8	7.28	<1	196	1.5	<1	1.98	<0.5	43	3.9	78.1	2.8	1.69	17
C67701 (505806)		0.5	8.08	<1	151	1.3	<1	2.12	<0.5	45	7.3	80.7	5.6	2.76	19
C67702 (505807)		<0.5	7.21	<1	436	0.8	<1	1.13	<0.5	42	3.1	51.2	3.4	1.71	15
C67703 (505808)		<0.5	7.90	2	365	1.2	<1	2.08	<0.5	52	5.7	52.3	7.9	2.30	18
C67704 (505809)		<0.5	6.72	<1	363	0.9	<1	0.86	<0.5	47	1.8	34.0	6.3	1.00	13

Certified By:



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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 05, 2019	DATE RECEIVED: Sep 06, 2019					DATE REPORTED: Sep 24, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
C67633 (505738)	<1	3.73	19	24	0.91	393	0.8	2.18	10.7	316	23	<50	0.01	<1	
C67634 (505739)	<1	1.07	25	18	0.79	254	4.3	2.32	3.6	137	<20	<50	0.01	<1	
C67635 (505740)	<1	1.41	26	19	1.03	384	3.1	1.95	5.0	212	<20	<50	0.04	<1	
C67636 (505741)	<1	3.07	13	13	0.21	139	1.4	1.84	3.9	129	<20	<50	0.02	<1	
C67637 (505742)	<1	1.65	24	12	0.69	350	3.4	1.88	3.5	150	<20	<50	0.01	<1	
C67638 (505743)	<1	1.59	24	11	0.66	333	3.3	1.91	2.9	144	<20	<50	0.01	<1	
C67639 (505744)	<1	2.89	30	37	1.25	395	2.8	2.18	14.7	899	<20	<50	0.08	<1	
C67640 (505745)	<1	3.00	31	33	1.42	378	1.2	2.34	16.9	788	<20	<50	0.06	<1	
C67641 (505746)	<1	2.13	29	29	1.14	357	1.4	2.41	15.5	772	<20	<50	0.02	<1	
C67642 (505747)	<1	1.99	25	23	1.22	401	1.8	2.29	13.1	733	<20	<50	0.03	<1	
C67643 (505748)	<1	3.47	15	25	1.18	421	1.2	1.92	15.8	242	<20	<50	0.03	<1	
C67644 (505749)	<1	2.68	18	36	1.26	371	2.3	2.21	14.3	530	<20	<50	0.05	<1	
C67645 (505750)	<1	1.44	44	21	0.61	281	1.0	2.77	9.6	186	<20	<50	0.03	<1	
C67646 (505751)	<1	0.44	9	11	4.39	1300	1.9	2.32	103	848	<20	<50	0.09	<1	
C67647 (505752)	<1	2.12	45	29	0.92	394	1.4	2.68	11.0	120	<20	<50	0.02	<1	
C67648 (505753)	<1	4.69	19	28	0.82	320	0.8	2.34	9.2	87	31	<50	0.01	<1	
C67649 (505754)	<1	2.40	29	47	1.56	404	1.1	2.98	17.1	747	<20	<50	0.01	<1	
C67650 (505755)	<1	2.96	31	47	1.65	305	1.1	2.71	15.3	776	<20	<50	0.03	<1	
C67651 (505756)	<1	2.77	35	42	1.50	340	1.1	2.53	15.7	739	<20	<50	0.05	<1	
C67652 (505757)	<1	0.02	<2	1	1.50	100	<0.5	0.03	0.6	68	<20	<50	0.05	<1	
C67653 (505758)	<1	3.39	36	31	1.18	278	1.1	2.16	9.8	446	<20	<50	0.08	<1	
C67654 (505759)	<1	1.89	29	26	0.94	319	1.3	2.65	30.2	681	<20	<50	0.15	<1	
C67655 (505760)	<1	4.06	24	13	0.45	273	2.0	1.58	5.1	303	21	<50	0.07	<1	
C67656 (505761)	<1	2.06	24	30	0.95	338	1.6	2.39	11.1	688	<20	<50	0.10	<1	
C67657 (505762)	<1	2.82	23	33	0.88	327	1.2	2.17	11.2	708	<20	<50	0.03	<1	
C67658 (505763)	<1	2.84	24	33	0.89	327	1.3	2.14	12.5	722	<20	<50	0.03	<1	
C67659 (505764)	<1	3.59	22	31	0.81	293	1.3	1.93	9.5	615	<20	<50	0.05	<1	
C67660 (505765)	<1	2.66	22	37	1.10	364	1.3	2.11	10.4	631	<20	<50	0.02	<1	
C67661 (505766)	<1	2.55	23	33	1.03	341	1.7	2.06	12.0	665	<20	<50	0.06	<1	
C67662 (505767)	<1	2.16	23	25	0.87	327	2.0	2.07	11.2	546	<20	<50	0.11	<1	
C67663 (505768)	<1	2.49	31	17	0.67	291	1.9	1.47	16.9	146	<20	<50	0.03	<1	
C67664 (505769)	<1	2.20	22	28	0.94	452	1.2	1.83	11.4	671	<20	<50	0.03	<1	

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## Certificate of Analysis

AGAT WORK ORDER: 19T514956

PROJECT: AGAT00774

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 05, 2019	DATE RECEIVED: Sep 06, 2019					DATE REPORTED: Sep 24, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
C67665 (505770)	<1	2.17	24	35	1.10	423	1.2	2.41	11.0	680	<20	<50	0.06	<1	
C67666 (505771)	<1	0.21	3	13	4.45	1370	1.5	2.35	85.2	394	<20	<50	0.15	<1	
C67667 (505772)	<1	4.12	24	15	0.35	199	0.6	2.34	7.3	353	20	<50	0.03	<1	
C67668 (505773)	<1	1.46	30	31	0.93	442	1.2	2.41	13.5	787	<20	<50	0.08	<1	
C67669 (505774)	<1	1.54	30	37	0.88	429	1.0	2.59	16.9	767	<20	<50	0.02	<1	
C67670 (505775)	<1	3.24	126	10	0.19	427	17.1	1.92	6.3	247	41	<50	0.01	<1	
C67671 (505776)	<1	2.30	21	30	0.88	451	12.3	2.12	13.2	641	<20	<50	0.05	<1	
C67672 (505777)	<1	0.02	<2	1	1.87	98	1.3	0.04	0.7	87	<20	<50	0.04	<1	
C67673 (505778)	<1	2.80	48	30	2.24	911	9.8	1.86	32.0	2800	<20	<50	0.09	<1	
C67674 (505779)	<1	2.90	19	18	0.82	462	15.2	1.93	14.0	445	<20	<50	0.19	<1	
C67675 (505780)	<1	2.79	16	26	0.77	473	13.9	1.93	16.4	496	<20	<50	0.06	<1	
C67676 (505781)	<1	2.86	19	24	0.72	383	12.8	1.93	13.4	454	<20	<50	0.08	<1	
C67677 (505782)	<1	2.26	32	17	0.75	457	12.6	1.90	14.6	369	<20	<50	0.10	<1	
C67678 (505783)	<1	2.26	32	17	0.75	458	13.1	1.93	14.1	383	<20	<50	0.11	<1	
C67679 (505784)	<1	2.40	16	20	0.80	428	15.4	1.89	13.9	449	<20	<50	0.05	<1	
C67680 (505785)	<1	2.99	32	20	0.74	324	12.9	1.95	13.9	411	<20	<50	0.03	<1	
C67681 (505786)	<1	3.16	20	21	0.67	291	12.4	1.88	13.1	371	<20	<50	0.05	<1	
C67682 (505787)	<1	2.97	22	26	0.81	401	14.2	1.75	13.1	420	<20	<50	0.03	<1	
C67683 (505788)	<1	2.88	21	19	0.68	326	14.9	1.65	12.3	434	<20	<50	0.18	<1	
C67684 (505789)	<1	2.35	14	14	0.66	325	16.9	1.59	13.3	389	<20	<50	0.15	<1	
C67685 (505790)	<1	3.03	18	21	0.80	400	11.4	1.72	14.9	524	23	<50	0.26	<1	
C67686 (505791)	<1	0.44	9	11	4.39	1310	1.9	2.36	101	822	<20	<50	0.10	<1	
C67687 (505792)	<1	2.60	23	12	0.69	379	14.4	1.79	13.6	429	<20	<50	0.17	<1	
C67688 (505793)	<1	4.02	35	13	0.70	394	11.0	1.95	13.8	367	<20	<50	0.04	<1	
C67689 (505794)	<1	3.54	95	27	4.21	1540	3.1	1.64	55.0	2680	<20	<50	0.12	<1	
C67690 (505795)	<1	3.27	41	20	0.91	451	11.6	2.23	15.7	822	<20	<50	0.03	<1	
C67691 (505796)	<1	9.06	108	95	3.31	1720	46.2	8.77	50.4	2250	<20	74	0.25	<1	
C67692 (505797)	<1	0.25	<2	1	1.70	141	1.3	0.27	0.6	75	<20	<50	0.04	<1	
C67693 (505798)	<1	1.29	18	20	0.60	375	14.2	2.34	10.9	422	<20	<50	0.06	<1	
C67694 (505799)	<1	6.68	14	12	0.13	120	14.3	1.07	5.5	114	49	<50	0.02	<1	
C67695 (505800)	<1	1.50	29	25	0.77	458	14.1	2.56	8.8	318	<20	<50	0.05	<1	
C67696 (505801)	<1	6.25	29	12	0.24	162	12.4	1.91	5.7	135	35	<50	0.03	<1	

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## Certificate of Analysis

AGAT WORK ORDER: 19T514956

PROJECT: AGAT00774

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 05, 2019		DATE RECEIVED: Sep 06, 2019					DATE REPORTED: Sep 24, 2019					SAMPLE TYPE: Drill Core				
Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1	
C67697 (505802)		<1	2.85	39	25	0.53	317	12.2	2.38	9.3	280	<20	<50	0.03	<1	
C67698 (505803)		<1	2.88	38	24	0.52	314	13.5	2.33	9.3	265	<20	<50	0.03	<1	
C67699 (505804)		<1	2.05	25	34	0.81	435	12.3	2.55	12.4	609	<20	<50	0.04	<1	
C67700 (505805)		<1	1.48	20	21	0.40	213	15.4	2.97	7.4	357	<20	<50	0.02	<1	
C67701 (505806)		<1	1.81	21	32	0.73	371	12.1	3.26	9.1	533	<20	<50	0.03	<1	
C67702 (505807)		<1	4.67	20	8	0.31	185	13.1	2.06	6.4	237	26	<50	0.02	1	
C67703 (505808)		<1	2.35	24	16	0.66	306	11.7	3.09	9.7	577	<20	<50	0.03	<1	
C67704 (505809)		<1	4.98	22	5	0.15	112	13.0	1.80	5.0	66	31	<50	0.03	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 05, 2019	DATE RECEIVED: Sep 06, 2019					DATE REPORTED: Sep 24, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
C67633 (505738)	9	<10	6	140	<10	<10	18	0.21	<5	<50	36.9	<1	5	146	
C67634 (505739)	4	<10	<5	166	<10	<10	<5	0.07	<5	<50	8.7	<1	14	34.5	
C67635 (505740)	4	<10	<5	213	<10	<10	<5	0.12	<5	<50	16.2	<1	14	56.8	
C67636 (505741)	3	<10	<5	132	<10	<10	10	0.06	<5	<50	14.2	<1	4	38.5	
C67637 (505742)	3	<10	<5	201	<10	<10	<5	0.07	<5	<50	8.1	<1	17	35.2	
C67638 (505743)	3	<10	<5	199	<10	<10	<5	0.07	<5	<50	7.5	<1	16	35.1	
C67639 (505744)	7	<10	<5	340	<10	<10	<5	0.28	<5	<50	49.4	<1	10	66.9	
C67640 (505745)	8	<10	<5	253	<10	<10	<5	0.32	<5	<50	55.1	<1	10	73.3	
C67641 (505746)	7	<10	<5	223	<10	<10	<5	0.30	<5	<50	52.2	<1	11	58.8	
C67642 (505747)	7	<10	<5	199	<10	<10	<5	0.26	<5	<50	46.7	<1	10	58.2	
C67643 (505748)	14	<10	<5	265	<10	<10	<5	0.18	<5	<50	70.8	<1	7	66.8	
C67644 (505749)	7	<10	<5	206	<10	<10	<5	0.26	<5	<50	47.3	<1	7	74.7	
C67645 (505750)	6	<10	6	150	<10	<10	35	0.16	<5	<50	25.1	<1	7	94.7	
C67646 (505751)	34	<10	<5	247	<10	<10	<5	0.85	<5	<50	242	<1	22	90.9	
C67647 (505752)	9	<10	7	128	<10	<10	39	0.21	<5	<50	21.9	<1	8	149	
C67648 (505753)	8	<10	6	166	<10	<10	38	0.18	<5	<50	21.0	<1	5	118	
C67649 (505754)	8	<10	<5	209	<10	<10	<5	0.31	<5	<50	50.8	<1	10	101	
C67650 (505755)	7	<10	<5	283	<10	<10	<5	0.30	<5	<50	51.8	<1	9	50.6	
C67651 (505756)	7	<10	<5	276	<10	<10	<5	0.29	<5	<50	48.5	<1	10	71.4	
C67652 (505757)	<1	<10	<5	77	<10	<10	<5	<0.01	<5	<50	0.9	<1	2	3.3	
C67653 (505758)	6	<10	<5	284	<10	<10	10	0.24	<5	<50	37.2	<1	8	64.7	
C67654 (505759)	7	<10	<5	248	<10	<10	<5	0.27	<5	<50	45.4	<1	9	71.0	
C67655 (505760)	3	<10	<5	176	<10	<10	19	0.11	<5	<50	29.0	<1	7	57.7	
C67656 (505761)	7	<10	<5	287	<10	<10	<5	0.30	<5	<50	51.7	<1	8	60.3	
C67657 (505762)	7	<10	<5	242	<10	<10	<5	0.30	<5	<50	52.6	<1	8	58.9	
C67658 (505763)	7	<10	<5	241	<10	<10	<5	0.31	<5	<50	53.1	<1	8	58.9	
C67659 (505764)	7	<10	<5	232	<10	<10	<5	0.26	<5	<50	46.0	<1	8	56.6	
C67660 (505765)	7	<10	<5	239	<10	<10	<5	0.29	<5	<50	50.1	<1	8	60.8	
C67661 (505766)	7	<10	<5	249	<10	<10	<5	0.30	<5	<50	52.2	<1	8	58.8	
C67662 (505767)	7	<10	<5	197	<10	<10	<5	0.24	<5	<50	43.0	<1	10	54.6	
C67663 (505768)	3	<10	<5	202	<10	<10	6	0.07	<5	<50	9.2	<1	14	35.9	
C67664 (505769)	7	<10	<5	239	<10	<10	<5	0.27	<5	<50	49.0	<1	10	56.0	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 05, 2019	DATE RECEIVED: Sep 06, 2019					DATE REPORTED: Sep 24, 2019					SAMPLE TYPE: Drill Core				
Analyte: Unit: RDL:	Sc ppm 1	Se ppm 10	Sn ppm 5	Sr ppm 1	Ta ppm 10	Te ppm 10	Th ppm 5	Ti % 0.01	Tl ppm 5	U ppm 50	V ppm 0.5	W ppm 1	Y ppm 1	Zn ppm 0.5	
Sample ID (AGAT ID)															
C67665 (505770)	8	<10	<5	268	<10	<10	<5	0.28	<5	<50	48.3	<1	9	66.9	
C67666 (505771)	46	<10	<5	115	<10	<10	<5	0.69	<5	<50	310	<1	22	82.0	
C67667 (505772)	3	<10	<5	181	<10	<10	18	0.12	<5	<50	19.8	<1	8	39.2	
C67668 (505773)	7	<10	<5	234	<10	<10	<5	0.30	<5	<50	50.9	<1	10	59.9	
C67669 (505774)	8	<10	<5	223	<10	<10	<5	0.31	<5	<50	51.3	<1	10	62.8	
C67670 (505775)	3	<10	<5	134	<10	<10	180	0.13	<5	<50	28.3	<1	13	155	
C67671 (505776)	7	<10	<5	251	<10	<10	<5	0.27	<5	<50	48.6	<1	8	67.9	
C67672 (505777)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	0.7	<1	2	2.9	
C67673 (505778)	10	<10	<5	716	<10	<10	<5	0.55	<5	<50	95.3	<1	17	86.7	
C67674 (505779)	6	<10	<5	212	<10	<10	<5	0.21	<5	<50	38.5	<1	10	73.8	
C67675 (505780)	7	<10	<5	209	<10	<10	<5	0.23	<5	<50	42.8	<1	9	55.8	
C67676 (505781)	6	<10	<5	221	<10	<10	<5	0.22	<5	<50	37.8	<1	8	53.9	
C67677 (505782)	7	<10	<5	210	<10	<10	10	0.20	<5	<50	40.2	<1	9	45.8	
C67678 (505783)	7	<10	<5	213	<10	<10	10	0.20	<5	<50	40.1	<1	9	45.6	
C67679 (505784)	7	<10	<5	207	<10	<10	<5	0.21	<5	<50	40.3	<1	7	50.2	
C67680 (505785)	7	<10	<5	193	<10	<10	10	0.20	<5	<50	34.6	<1	9	52.9	
C67681 (505786)	5	<10	<5	196	<10	<10	<5	0.19	<5	<50	28.7	<1	9	49.5	
C67682 (505787)	5	<10	<5	202	<10	<10	<5	0.21	<5	<50	31.7	<1	10	54.9	
C67683 (505788)	5	<10	<5	206	<10	<10	<5	0.20	<5	<50	31.6	<1	9	68.1	
C67684 (505789)	6	<10	<5	198	<10	<10	<5	0.19	<5	<50	34.4	<1	7	65.6	
C67685 (505790)	7	<10	<5	219	<10	<10	<5	0.24	<5	<50	43.5	<1	9	71.9	
C67686 (505791)	34	<10	<5	252	<10	<10	<5	0.86	<5	<50	238	<1	22	92.0	
C67687 (505792)	7	<10	<5	185	<10	<10	<5	0.20	<5	<50	37.3	<1	10	62.3	
C67688 (505793)	8	<10	<5	242	<10	<10	24	0.19	<5	<50	43.6	<1	10	46.4	
C67689 (505794)	14	<10	<5	1470	<10	<10	<5	0.43	<5	<50	175	<1	30	95.8	
C67690 (505795)	9	<10	<5	260	<10	<10	<5	0.22	<5	<50	48.8	<1	10	52.7	
C67691 (505796)	25	<10	<5	714	<10	<10	<5	0.79	<5	<50	150	<1	43	263	
C67692 (505797)	<1	<10	<5	66	<10	<10	<5	<0.01	<5	<50	0.6	<1	7	3.4	
C67693 (505798)	5	<10	<5	178	<10	<10	<5	0.22	<5	<50	34.9	<1	9	46.0	
C67694 (505799)	2	<10	<5	118	<10	<10	43	0.05	<5	<50	9.6	<1	3	35.5	
C67695 (505800)	4	<10	<5	165	<10	<10	<5	0.20	<5	<50	25.9	<1	10	72.6	
C67696 (505801)	3	<10	<5	129	<10	<10	33	0.08	<5	<50	10.9	<1	4	48.6	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T514956

PROJECT: AGAT00774

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 05, 2019	DATE RECEIVED: Sep 06, 2019					DATE REPORTED: Sep 24, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:														
C67697 (505802)	5	<10	<5	140	<10	<10	22	0.15	<5	<50	26.6	<1	6	72.7	
C67698 (505803)	5	<10	<5	138	<10	<10	22	0.15	<5	<50	25.4	<1	6	70.4	
C67699 (505804)	6	<10	<5	208	<10	<10	<5	0.24	<5	<50	43.2	<1	7	69.2	
C67700 (505805)	4	<10	<5	136	<10	<10	19	0.13	<5	<50	21.4	<1	5	60.0	
C67701 (505806)	6	<10	<5	147	<10	<10	<5	0.23	<5	<50	39.3	<1	7	106	
C67702 (505807)	3	<10	<5	133	<10	<10	22	0.11	<5	<50	19.8	<1	4	47.3	
C67703 (505808)	6	<10	<5	191	<10	<10	6	0.19	<5	<50	36.8	<1	7	69.3	
C67704 (505809)	2	<10	<5	112	<10	<10	44	0.04	<5	<50	8.1	<1	3	26.1	

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## Certificate of Analysis

AGAT WORK ORDER: 19T514956

PROJECT: AGAT00774

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 05, 2019      DATE RECEIVED: Sep 06, 2019      DATE REPORTED: Sep 24, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
C67633 (505738)				210
C67634 (505739)				79
C67635 (505740)				82
C67636 (505741)				104
C67637 (505742)				74
C67638 (505743)				76
C67639 (505744)				113
C67640 (505745)				114
C67641 (505746)				99
C67642 (505747)				98
C67643 (505748)				82
C67644 (505749)				111
C67645 (505750)				142
C67646 (505751)				96
C67647 (505752)				296
C67648 (505753)				347
C67649 (505754)				116
C67650 (505755)				122
C67651 (505756)				125
C67652 (505757)				<5
C67653 (505758)				124
C67654 (505759)				110
C67655 (505760)				90
C67656 (505761)				100
C67657 (505762)				96
C67658 (505763)				95
C67659 (505764)				94
C67660 (505765)				101
C67661 (505766)				85
C67662 (505767)				88
C67663 (505768)				74
C67664 (505769)				66

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# Certificate of Analysis

AGAT WORK ORDER: 19T514956

PROJECT: AGAT00774

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 05, 2019

DATE RECEIVED: Sep 06, 2019

DATE REPORTED: Sep 24, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5

Sample ID (AGAT ID)	
C67665 (505770)	111
C67666 (505771)	56
C67667 (505772)	81
C67668 (505773)	97
C67669 (505774)	107
C67670 (505775)	135
C67671 (505776)	71
C67672 (505777)	<5
C67673 (505778)	176
C67674 (505779)	102
C67675 (505780)	53
C67676 (505781)	72
C67677 (505782)	39
C67678 (505783)	39
C67679 (505784)	45
C67680 (505785)	100
C67681 (505786)	116
C67682 (505787)	121
C67683 (505788)	105
C67684 (505789)	59
C67685 (505790)	42
C67686 (505791)	94
C67687 (505792)	85
C67688 (505793)	68
C67689 (505794)	141
C67690 (505795)	122
C67691 (505796)	583
C67692 (505797)	5
C67693 (505798)	61
C67694 (505799)	98
C67695 (505800)	99
C67696 (505801)	44

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T514956

PROJECT: AGAT00774

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 05, 2019      DATE RECEIVED: Sep 06, 2019      DATE REPORTED: Sep 24, 2019      SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
Sample ID (AGAT ID)	RDL:
	5
C67697 (505802)	62
C67698 (505803)	64
C67699 (505804)	75
C67700 (505805)	160
C67701 (505806)	123
C67702 (505807)	79
C67703 (505808)	95
C67704 (505809)	63

Comments: RDL - Reported Detection Limit  
 505738-505809 As, Sb values may be low due to digestion losses.  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T514956

PROJECT: AGAT00774

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 FAX (905)501-0589  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 05, 2019	DATE RECEIVED: Sep 06, 2019	DATE REPORTED: Sep 24, 2019	SAMPLE TYPE: Drill Core
Analyte:	Au		
Unit:	ppm		
RDL:	0.001		
Sample ID (AGAT ID)			
C67633 (505738)	0.002		
C67634 (505739)	0.002		
C67635 (505740)	0.002		
C67636 (505741)	0.006		
C67637 (505742)	<0.001		
C67638 (505743)	<0.001		
C67639 (505744)	0.002		
C67640 (505745)	0.002		
C67641 (505746)	0.001		
C67642 (505747)	0.004		
C67643 (505748)	0.106		
C67644 (505749)	0.002		
C67645 (505750)	0.001		
C67646 (505751)	0.339		
C67647 (505752)	0.001		
C67648 (505753)	0.014		
C67649 (505754)	<0.001		
C67650 (505755)	0.001		
C67651 (505756)	0.003		
C67652 (505757)	<0.001		
C67653 (505758)	0.004		
C67654 (505759)	0.068		
C67655 (505760)	0.002		
C67656 (505761)	0.005		
C67657 (505762)	0.007		
C67658 (505763)	0.005		
C67659 (505764)	0.002		
C67660 (505765)	0.001		
C67661 (505766)	0.003		
C67662 (505767)	0.005		
C67663 (505768)	0.002		
C67664 (505769)	0.004		

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T514956

PROJECT: AGAT00774

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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 05, 2019

DATE RECEIVED: Sep 06, 2019

DATE REPORTED: Sep 24, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C67665 (505770)			0.004
C67666 (505771)			0.535
C67667 (505772)			0.002
C67668 (505773)			0.004
C67669 (505774)			0.002
C67670 (505775)			0.016
C67671 (505776)			0.005
C67672 (505777)			0.001
C67673 (505778)			0.008
C67674 (505779)			0.020
C67675 (505780)			0.009
C67676 (505781)			0.011
C67677 (505782)			0.006
C67678 (505783)			0.005
C67679 (505784)			0.003
C67680 (505785)			0.002
C67681 (505786)			0.003
C67682 (505787)			0.003
C67683 (505788)			0.066
C67684 (505789)			0.021
C67685 (505790)			0.033
C67686 (505791)			0.322
C67687 (505792)			0.014
C67688 (505793)			0.008
C67689 (505794)			0.002
C67690 (505795)			0.001
C67691 (505796)			0.003
C67692 (505797)			0.001
C67693 (505798)			0.002
C67694 (505799)			0.002
C67695 (505800)			0.002
C67696 (505801)			0.002

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T514956

PROJECT: AGAT00774

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 05, 2019      DATE RECEIVED: Sep 06, 2019      DATE REPORTED: Sep 24, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
C67697 (505802)			0.001
C67698 (505803)			0.003
C67699 (505804)			0.002
C67700 (505805)			0.001
C67701 (505806)			0.002
C67702 (505807)			0.001
C67703 (505808)			0.006
C67704 (505809)			0.001

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T514956

PROJECT: AGAT00774

5623 McADAM ROAD  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Sep 05, 2019	DATE RECEIVED: Sep 06, 2019	DATE REPORTED: Sep 24, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
C67633 (505738)		77.55
C67651 (505756)		89.29
C67671 (505776)		89.24
C67691 (505796)		89.06

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	505738	1.2	1.3	8.0%	505752	1.5	1.6	6.5%	505763	< 0.5	< 0.5	0.0%	505777	< 0.5	< 0.5	0.0%
Al	505738	7.12	7.22	1.4%	505752	7.30	7.31	0.1%	505763	8.17	8.12	0.6%	505777	0.061	0.053	14.0%
As	505738	< 1	1		505752	< 1	1		505763	< 1	< 1	0.0%	505777	2	< 1	
Ba	505738	422	442	4.6%	505752	153	155	1.3%	505763	767	747	2.6%	505777	14	14	0.0%
Be	505738	1.4	1.4	0.0%	505752	1.1	1.1	0.0%	505763	0.8	0.8	0.0%	505777	< 0.5	< 0.5	0.0%
Bi	505738	< 1	< 1	0.0%	505752	< 1	< 1	0.0%	505763	< 1	< 1	0.0%	505777	< 1	< 1	0.0%
Ca	505738	1.36	1.37	0.7%	505752	1.64	1.61	1.8%	505763	2.57	2.56	0.4%	505777	30.7	30.6	0.3%
Cd	505738	< 0.5	< 0.5	0.0%	505752	< 0.5	< 0.5	0.0%	505763	< 0.5	< 0.5	0.0%	505777	< 0.5	< 0.5	0.0%
Ce	505738	42	41	2.4%	505752	103	105	1.9%	505763	51	51	0.0%	505777	< 1	< 1	0.0%
Co	505738	6.2	6.0	3.3%	505752	5.7	6.1	6.8%	505763	8.1	8.2	1.2%	505777	< 0.5	0.6	
Cr	505738	74.3	57.8	25.0%	505752	76.0	77.3	1.7%	505763	68.4	75.4	15.7%	505777	8.4	8.0	4.9%
Cu	505738	< 0.5	< 0.5	0.0%	505752	2.06	1.81	12.9%	505763	3.1	4.0	25.4%	505777	< 0.5	< 0.5	0.0%
Fe	505738	3.25	3.32	2.1%	505752	2.95	2.96	0.3%	505763	2.93	2.98	1.7%	505777	0.08	0.08	0.0%
Ga	505738	21	20	4.9%	505752	20	21	4.9%	505763	18	17	5.7%	505777	< 5	< 5	0.0%
In	505738	< 1	< 1	0.0%	505752	< 1	< 1	0.0%	505763	< 1	< 1	0.0%	505777	< 1	< 1	0.0%
K	505738	3.73	3.85	3.2%	505752	2.12	2.12	0.0%	505763	2.84	2.84	0.0%	505777	0.017	0.013	26.7%
La	505738	19	19	0.0%	505752	45	46	2.2%	505763	24	24	0.0%	505777	< 2	< 2	0.0%
Li	505738	24	24	0.0%	505752	29	29	0.0%	505763	33	33	0.0%	505777	1	1	0.0%
Mg	505738	0.91	0.92	1.1%	505752	0.925	0.932	0.8%	505763	0.894	0.912	2.0%	505777	1.87	1.92	2.6%
Mn	505738	393	396	0.8%	505752	394	397	0.8%	505763	327	330	0.9%	505777	98	99	1.0%
Mo	505738	0.8	1.3		505752	1.37	1.05	26.4%	505763	1.3	2.0		505777	1.3	1.3	0.0%
Na	505738	2.18	2.17	0.5%	505752	2.68	2.66	0.7%	505763	2.14	2.13	0.5%	505777	0.04	0.03	28.6%
Ni	505738	10.7	9.9	7.8%	505752	11.0	11.8	7.0%	505763	12.5	11.6	7.5%	505777	0.7	1.7	
P	505738	316	306	3.2%	505752	120	127	5.7%	505763	722	711	1.5%	505777	87	74	16.1%
Pb	505738	23	21	9.1%	505752	< 20	< 20	0.0%	505763	< 20	< 20	0.0%	505777	< 20	< 20	0.0%
Rb	505738	< 50	< 50	0.0%	505752	< 50	< 50	0.0%	505763	< 50	< 50	0.0%	505777	< 50	< 50	0.0%
S	505738	0.01	0.01	0.0%	505752	0.02	0.02	0.0%	505763	0.03	0.03	0.0%	505777	0.04	0.04	0.0%
Sb	505738	< 1	< 1	0.0%	505752	< 1	< 1	0.0%	505763	< 1	< 1	0.0%	505777	< 1	< 1	0.0%
Sc	505738	9	9	0.0%	505752	9	9	0.0%	505763	7	7	0.0%	505777	< 1	< 1	0.0%
Se	505738	< 10	< 10	0.0%	505752	< 10	< 10	0.0%	505763	< 10	< 10	0.0%	505777	< 10	< 10	0.0%
Sn	505738	6	8	28.6%	505752	7	8	13.3%	505763	< 5	< 5	0.0%	505777	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	505738	140	142	1.4%	505752	128	126	1.6%	505763	241	240	0.4%	505777	71	71	0.0%
Ta	505738	< 10	< 10	0.0%	505752	< 10	< 10	0.0%	505763	< 10	< 10	0.0%	505777	< 10	< 10	0.0%
Te	505738	< 10	< 10	0.0%	505752	< 10	< 10	0.0%	505763	< 10	< 10	0.0%	505777	< 10	< 10	0.0%
Th	505738	18	18	0.0%	505752	39	40	2.5%	505763	< 5	< 5	0.0%	505777	< 5	< 5	0.0%
Ti	505738	0.213	0.220	3.2%	505752	0.21	0.21	0.0%	505763	0.31	0.31	0.0%	505777	< 0.01	< 0.01	0.0%
Tl	505738	< 5	< 5	0.0%	505752	< 5	< 5	0.0%	505763	< 5	< 5	0.0%	505777	< 5	< 5	0.0%
U	505738	< 50	< 50	0.0%	505752	< 50	< 50	0.0%	505763	< 50	< 50	0.0%	505777	< 50	< 50	0.0%
V	505738	36.9	37.2	0.8%	505752	21.9	22.4	2.3%	505763	53.1	53.0	0.2%	505777	0.67	0.62	7.8%
W	505738	< 1	< 1	0.0%	505752	< 1	< 1	0.0%	505763	< 1	< 1	0.0%	505777	< 1	< 1	0.0%
Y	505738	5	5	0.0%	505752	8	8	0.0%	505763	8	8	0.0%	505777	2	2	0.0%
Zn	505738	146	150	2.7%	505752	149	151	1.3%	505763	58.9	61.7	4.6%	505777	2.9	2.0	
Zr	505738	210	222	5.6%	505752	296	293	1.0%	505763	95	93	2.1%	505777	< 5	< 5	0.0%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	505788	0.7	0.7	0.0%	505802	< 0.5	< 0.5	0.0%								
Al	505788	7.62	7.59	0.4%	505802	7.47	7.36	1.5%								
As	505788	3	4		505802	2	4									
Ba	505788	539	553	2.6%	505802	355	353	0.6%								
Be	505788	0.92	0.97	5.3%	505802	1.16	1.15	0.9%								
Bi	505788	< 1	< 1	0.0%	505802	< 1	< 1	0.0%								
Ca	505788	2.94	2.93	0.3%	505802	1.91	1.90	0.5%								
Cd	505788	< 0.5	< 0.5	0.0%	505802	< 0.5	< 0.5	0.0%								
Ce	505788	44	42	4.7%	505802	83	84	1.2%								
Co	505788	5.71	6.06	5.9%	505802	3.83	4.03	5.1%								
Cr	505788	89.3	97.1	8.4%	505802	72.9	71.1	2.5%								
Cu	505788	33.8	34.1	0.9%	505802	7.24	7.89	8.6%								
Fe	505788	2.23	2.24	0.4%	505802	2.05	2.04	0.5%								
Ga	505788	16	16	0.0%	505802	16	16	0.0%								
In	505788	< 1	< 1	0.0%	505802	< 1	< 1	0.0%								
K	505788	2.88	2.88	0.0%	505802	2.85	2.80	1.8%								
La	505788	21	21	0.0%	505802	39	40	2.5%								
Li	505788	19	20	5.1%	505802	25	24	4.1%								
Mg	505788	0.68	0.68	0.0%	505802	0.53	0.53	0.0%								
Mn	505788	326	324	0.6%	505802	317	314	1.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	505788	14.9	13.9	6.9%	505802	12.2	12.1	0.8%								
Na	505788	1.65	1.65	0.0%	505802	2.38	2.35	1.3%								
Ni	505788	12.3	13.9	12.2%	505802	9.3	11.0	16.7%								
P	505788	434	414	4.7%	505802	280	270	3.6%								
Pb	505788	< 20	< 20	0.0%	505802	< 20	< 20	0.0%								
Rb	505788	< 50	< 50	0.0%	505802	< 50	< 50	0.0%								
S	505788	0.18	0.19	5.4%	505802	0.03	0.03	0.0%								
Sb	505788	< 1	< 1	0.0%	505802	< 1	< 1	0.0%								
Sc	505788	5	5	0.0%	505802	5	5	0.0%								
Se	505788	< 10	< 10	0.0%	505802	< 10	< 10	0.0%								
Sn	505788	< 5	< 5	0.0%	505802	< 5	< 5	0.0%								
Sr	505788	206	206	0.0%	505802	140	138	1.4%								
Ta	505788	< 10	< 10	0.0%	505802	< 10	< 10	0.0%								
Te	505788	< 10	< 10	0.0%	505802	< 10	< 10	0.0%								
Th	505788	< 5	< 5	0.0%	505802	22	23	4.4%								
Ti	505788	0.20	0.20	0.0%	505802	0.15	0.15	0.0%								
Tl	505788	< 5	< 5	0.0%	505802	< 5	< 5	0.0%								
U	505788	< 50	< 50	0.0%	505802	< 50	< 50	0.0%								
V	505788	31.6	31.7	0.3%	505802	26.6	26.1	1.9%								
W	505788	< 1	< 1	0.0%	505802	< 1	< 1	0.0%								
Y	505788	9	9	0.0%	505802	6	6	0.0%								
Zn	505788	68.1	73.8	8.0%	505802	72.7	71.5	1.7%								
Zr	505788	105	98	6.9%	505802	62	58	6.7%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	505738	0.002	0.003		505752	0.0015	0.0015	0.0%	505763	0.003	0.002		505777	0.001	< 0.001	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	505788	0.066	0.080	19.2%	505802	0.001	0.002									

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GSP7M)				CRM #2 (ref.GSP5G)				CRM #3 (ref.GSP5G)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	3.05	101%	90% - 110%
Al	10.95	10.66	97%	90% - 110%	8.17	8.29	102%	90% - 110%	6.96	6.82	98%	90% - 110%	4.75	4.8	101%	90% - 110%
As					26	26	100%	90% - 110%	124	115	92%	90% - 110%				
Ba	340	321	94%	90% - 110%	540	513	95%	90% - 110%	186	177	95%	90% - 110%	216	204	95%	90% - 110%
Be	2.6	2.7	103%	90% - 110%	4.0	3.3	81%	90% - 110%								
Ca	5.72	5.48	96%	90% - 110%	0.907	0.879	97%	90% - 110%	4.01	3.77	94%	90% - 110%	10	9	91%	90% - 110%
Ce	122	119	98%	90% - 110%	98	102	104%	90% - 110%	24	23	96%	90% - 110%				
Co									22.1	20.1	91%	90% - 110%	191	179	93%	90% - 110%
Cr					60.3	61.7	102%	90% - 110%					670	625	93%	90% - 110%
Cu					150	153	102%	90% - 110%	88.6	82.7	93%	90% - 110%	7120	7265	102%	90% - 110%
Fe	4.34	4.05	93%	90% - 110%	3.77	3.74	99%	90% - 110%	7.56	7.23	96%	90% - 110%	12.71	11.9	94%	90% - 110%
Ga	35	32	93%	90% - 110%												
K	1.37	1.42	103%	90% - 110%					2.021	2.039	101%	90% - 110%	0.1021	0.1109	109%	90% - 110%
La	58	55	95%	90% - 110%	44	42	96%	90% - 110%					8.47	8.33	98%	90% - 110%
Li	37	39	105%	90% - 110%	47	49	105%	90% - 110%								
Mg	0.325	0.294	91%	90% - 110%	1.10	1.09	100%	90% - 110%	2.412	2.41	100%	90% - 110%	7.41	7.45	101%	90% - 110%
Mn					780	757	97%	90% - 110%	1510	1391	92%	90% - 110%				
Mo					14	14	100%	90% - 110%					2.49	2.9	116%	90% - 110%
Na	5.267	5.371	102%	90% - 110%	1.624	1.704	105%	90% - 110%	0.617	0.639	103%	90% - 110%	0.112	0.123	110%	90% - 110%
Ni	9	8	88%	90% - 110%	32	31	97%	90% - 110%	77.1	70	91%	90% - 110%	2480	2338	94%	90% - 110%
P					750	698	93%	90% - 110%	892	827	93%	90% - 110%	731	672	92%	90% - 110%
Pb	10	10	100%	90% - 110%	31	28	90%	90% - 110%								
S									0.348	0.318	91%	90% - 110%				
Sc	1.1	1	90%	90% - 110%	12	12	103%	90% - 110%					21.33	20.78	97%	90% - 110%
Sr	1191	1175	99%	90% - 110%	144	153	106%	90% - 110%	92.8	88.3	95%	90% - 110%	39	39	99%	90% - 110%
Ti	0.172	0.164	95%	90% - 110%	0.53	0.5	93%	90% - 110%					0.419	0.409	98%	90% - 110%
V	8	7	93%	90% - 110%	77	77	100%	90% - 110%					158	161	102%	90% - 110%
Y	119	123	103%	90% - 110%									12.67	12.76	101%	90% - 110%
Zn	93	93	100%	90% - 110%	130	126	97%	90% - 110%	208	209	101%	90% - 110%	112	112	100%	90% - 110%
Zr													35.7	37.8	106%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GSP7M)				CRM #2 (ref.GSP5G)				CRM #3 (ref.GSP5G)				CRM #4 (ref.GS6F)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.725	0.691	95%	90% - 110%	0.562	0.522	93%	90% - 110%	0.562	0.517	92%	90% - 110%	6.87	6.71	98%	90% - 110%



## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00774  
 SAMPLING SITE:

AGAT WORK ORDER: 19T514956  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00775

AGAT WORK ORDER: 19T515521

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 30, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T515521

PROJECT: AGAT00775

5623 McADAM ROAD  
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CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 08, 2019      DATE RECEIVED: Sep 09, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
B74755 (510896)		0.77
B74756 (510897)		0.80
B74757 (510898)		0.87
B74758 (510899)		0.87
B74759 (510900)		1.82
B74760 (510902)		0.68
B74761 (510903)		0.92
B74762 (510904)		2.24
B74763 (510905)		2.12
B74764 (510907)		2.25
B74765 (510909)		2.22
B74766 (510910)		0.07
B74767 (510912)		2.05
B74768 (510913)		1.46
B74769 (510914)		2.33
B74770 (510915)		1.55
B74771 (510916)		1.40
B74772 (510918)		0.68
B74773 (510919)		2.54
B74774 (510920)		0.64
B74775 (510921)		1.57
B74776 (510923)		1.51
B74777 (510924)		2.39
B74778 (510925)		2.38
B74779 (510926)		1.01
B74780 (510927)		1.24
B74781 (510928)		1.46
B74782 (510930)		2.23
B74783 (510931)		2.14
B74784 (510932)		1.96
B74785 (510933)		2.25

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T515521

PROJECT: AGAT00775

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 08, 2019      DATE RECEIVED: Sep 09, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
B74786 (510935)		0.07
B74787 (510936)		2.16
B74788 (510937)		2.18
B74789 (510938)		1.16
B74790 (510940)		1.08
B74791 (510941)		2.22
B74792 (510942)		0.66
B74793 (510943)		1.35
B74794 (510945)		1.61
B74795 (510946)		0.98
B74796 (510948)		1.37
B74797 (510949)		2.02
B74798 (510950)		2.02
B74799 (510951)		2.00
B74800 (510953)		1.27
B74801 (510954)		1.06
B74802 (510955)		0.74
B74803 (510956)		1.49
B74804 (510957)		2.22
B74805 (510958)		2.28
B74806 (510959)		0.07
B74807 (510960)		2.22
B74808 (510961)		2.16
B74809 (510962)		2.14
B74810 (510963)		2.34
B74811 (510964)		2.27
B74812 (510965)		0.62
B74813 (510967)		2.07
B74814 (510968)		2.29
B74815 (510969)		2.34
B74816 (510970)		2.54

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T515521

PROJECT: AGAT00775

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 08, 2019      DATE RECEIVED: Sep 09, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
B74817 (510971)		2.30
B74818 (510972)		2.30
B74819 (510973)		2.32
B74820 (510974)		1.67
B74821 (510975)		1.48
B74822 (510976)		1.51
B74823 (510977)		1.44
B74824 (510978)		0.87
B74825 (510979)		1.21
B74826 (510980)		0.07

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T515521

PROJECT: AGAT00775

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019	DATE RECEIVED: Sep 09, 2019		DATE REPORTED: Sep 30, 2019		SAMPLE TYPE: Drill Core									
Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
B74755 (510896)	<0.5	7.57	2	845	0.9	<1	1.35	<0.5	41	4.5	54.3	0.6	2.09	19
B74756 (510897)	<0.5	7.65	2	802	0.8	<1	1.39	<0.5	42	4.2	48.5	<0.5	1.98	18
B74757 (510898)	<0.5	7.27	<1	738	0.8	<1	1.54	<0.5	53	5.3	54.7	9.1	2.09	18
B74758 (510899)	<0.5	7.54	<1	788	0.8	<1	1.64	<0.5	50	5.5	57.6	8.3	2.26	19
B74759 (510900)	<0.5	7.83	<1	1360	3.1	<1	1.34	<0.5	47	4.6	58.2	8.6	2.44	18
B74760 (510902)	0.5	2.47	<1	109	8.0	<1	7.13	<0.5	83	60.0	734	66.5	7.83	11
B74761 (510903)	<0.5	7.42	<1	1120	1.7	<1	1.60	<0.5	46	6.6	45.1	5.7	2.89	19
B74762 (510904)	<0.5	8.04	<1	807	1.2	<1	2.00	<0.5	44	5.0	41.4	13.3	2.24	19
B74763 (510905)	<0.5	7.69	<1	1110	1.2	<1	2.27	<0.5	44	4.2	38.5	<0.5	1.94	18
B74764 (510907)	<0.5	7.65	1	828	1.5	<1	2.18	0.5	43	3.9	36.7	8.8	1.79	18
B74765 (510909)	<0.5	7.53	<1	1610	1.1	<1	2.06	<0.5	37	4.6	44.8	<0.5	2.24	18
B74766 (510910)	<0.5	7.42	<1	193	0.6	<1	6.50	<0.5	21	36.7	179	101	8.06	17
B74767 (510912)	<0.5	7.83	19	2790	1.2	<1	1.66	0.5	31	11.1	56.1	15.9	2.34	18
B74768 (510913)	<0.5	2.80	2	261	7.0	<1	8.01	<0.5	100	52.0	575	61.0	5.85	10
B74769 (510914)	<0.5	6.75	5	2320	1.6	<1	2.60	<0.5	39	10.6	108	24.1	2.98	16
B74770 (510915)	<0.5	5.63	<1	2030	3.7	<1	3.85	<0.5	48	26.2	243	19.9	3.88	13
B74771 (510916)	<0.5	5.78	1	1950	2.9	<1	4.43	<0.5	71	19.4	242	20.0	3.63	13
B74772 (510918)	<0.5	0.07	<1	21	<0.5	<1	31.6	<0.5	<1	0.7	16.2	<0.5	0.19	<5
B74773 (510919)	<0.5	7.73	<1	1890	1.4	<1	2.10	<0.5	32	5.8	74.5	4.0	2.18	17
B74774 (510920)	<0.5	6.98	2	1050	2.9	<1	1.49	<0.5	51	4.2	45.8	3.2	1.74	15
B74775 (510921)	<0.5	8.11	2	1390	1.3	<1	1.41	<0.5	29	3.9	47.1	8.8	2.01	19
B74776 (510923)	<0.5	5.38	10	1320	2.1	<1	4.08	<0.5	80	27.6	223	23.0	4.04	13
B74777 (510924)	<0.5	3.15	4	343	2.8	<1	6.72	<0.5	76	45.6	362	55.0	6.53	10
B74778 (510925)	<0.5	3.11	4	330	2.8	<1	6.59	<0.5	77	45.5	357	55.0	6.42	9
B74779 (510926)	<0.5	6.70	2	957	1.7	<1	3.49	<0.5	40	5.6	65.5	7.4	2.43	16
B74780 (510927)	<0.5	4.25	5	503	2.8	<1	5.72	<0.5	77	40.0	274	39.2	5.03	12
B74781 (510928)	<0.5	2.27	12	119	1.8	<1	8.22	0.5	121	52.7	331	63.0	6.44	9
B74782 (510930)	<0.5	7.92	4	1270	1.4	<1	1.59	<0.5	39	5.4	41.1	1.8	2.13	19
B74783 (510931)	<0.5	6.91	3	910	1.3	<1	3.03	<0.5	43	14.9	108	10.9	2.90	17
B74784 (510932)	<0.5	7.65	6	892	1.1	<1	1.96	0.5	27	10.5	49.8	39.8	2.66	17
B74785 (510933)	<0.5	8.35	2	572	1.0	<1	1.59	<0.5	31	4.6	38.0	<0.5	2.04	18
B74786 (510935)	<0.5	7.57	<1	193	0.6	<1	6.24	<0.5	21	38.4	200	102	7.83	17

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T515521

PROJECT: AGAT00775

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019	DATE RECEIVED: Sep 09, 2019							DATE REPORTED: Sep 30, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
B74787 (510936)	<0.5	7.97	<1	551	0.9	<1	1.55	<0.5	26	5.3	42.4	<0.5	2.10	19	
B74788 (510937)	<0.5	7.91	<1	512	0.9	<1	1.54	<0.5	28	4.9	32.5	<0.5	1.95	18	
B74789 (510938)	<0.5	8.13	<1	529	0.8	<1	1.51	<0.5	29	5.2	38.3	<0.5	2.16	19	
B74790 (510940)	<0.5	8.00	<1	541	0.9	<1	1.54	<0.5	27	4.2	39.2	<0.5	1.79	18	
B74791 (510941)	<0.5	8.29	1	596	1.1	<1	1.54	<0.5	29	4.6	38.4	<0.5	1.93	19	
B74792 (510942)	<0.5	0.10	<1	26	<0.5	<1	29.4	<0.5	<1	0.7	17.8	<0.5	0.19	<5	
B74793 (510943)	<0.5	7.49	3	472	1.0	<1	1.37	<0.5	26	4.7	34.2	<0.5	1.93	17	
B74794 (510945)	<0.5	7.91	<1	660	1.0	<1	1.59	<0.5	33	5.5	35.1	<0.5	2.15	18	
B74795 (510946)	<0.5	2.69	13	226	1.9	<1	8.38	0.9	156	44.9	398	88.1	5.97	8	
B74796 (510948)	<0.5	7.64	4	906	1.3	<1	1.74	<0.5	43	5.8	38.2	2.3	2.25	17	
B74797 (510949)	<0.5	6.37	<1	3360	2.1	<1	8.56	<0.5	207	34.9	177	44.6	8.70	15	
B74798 (510950)	<0.5	6.20	<1	3330	2.0	<1	8.40	<0.5	209	33.3	166	45.0	8.53	14	
B74799 (510951)	<0.5	8.13	<1	761	1.1	<1	1.60	<0.5	28	5.3	35.3	<0.5	2.11	18	
B74800 (510953)	<0.5	7.76	<1	626	1.1	<1	1.60	<0.5	58	4.7	34.9	<0.5	1.84	18	
B74801 (510954)	<0.5	7.86	2	491	1.1	<1	1.49	<0.5	27	4.6	33.0	<0.5	1.83	18	
B74802 (510955)	<0.5	7.77	<1	505	1.1	<1	1.67	<0.5	27	4.0	38.4	1.8	1.64	17	
B74803 (510956)	<0.5	8.30	<1	507	0.9	<1	1.54	<0.5	29	5.0	41.1	15.9	2.06	18	
B74804 (510957)	<0.5	8.17	<1	474	0.9	<1	1.70	<0.5	28	5.1	45.5	1.6	1.99	19	
B74805 (510958)	<0.5	8.18	1	465	0.9	<1	1.56	<0.5	30	4.9	46.8	34.6	2.07	18	
B74806 (510959)	<0.5	7.54	<1	202	0.5	<1	6.47	<0.5	21	37.2	192	104	8.08	18	
B74807 (510960)	<0.5	7.83	<1	454	0.8	<1	1.43	<0.5	25	5.1	46.5	7.7	2.11	17	
B74808 (510961)	<0.5	8.17	2	447	0.9	<1	1.59	<0.5	28	5.1	32.0	<0.5	2.01	18	
B74809 (510962)	<0.5	8.43	<1	452	1.0	<1	1.65	<0.5	27	5.6	38.6	58.8	2.06	19	
B74810 (510963)	<0.5	8.26	1	639	1.0	<1	1.52	<0.5	30	5.1	41.1	4.1	2.10	18	
B74811 (510964)	<0.5	8.14	<1	969	0.9	<1	1.44	<0.5	31	5.1	39.9	17.4	2.22	18	
B74812 (510965)	<0.5	0.08	<1	18	<0.5	<1	30.9	<0.5	<1	0.5	11.6	<0.5	0.18	<5	
B74813 (510967)	<0.5	8.08	<1	460	1.1	<1	1.74	<0.5	28	4.7	43.0	<0.5	1.91	18	
B74814 (510968)	<0.5	8.40	<1	696	1.1	<1	1.71	<0.5	28	5.2	41.2	0.6	2.10	19	
B74815 (510969)	<0.5	8.10	<1	499	1.3	<1	1.71	<0.5	28	5.0	35.9	2.1	1.95	18	
B74816 (510970)	<0.5	8.24	2	489	1.2	<1	1.77	<0.5	28	4.7	29.4	<0.5	1.91	19	
B74817 (510971)	<0.5	8.07	<1	909	0.9	<1	1.69	<0.5	26	4.3	31.7	17.9	1.79	18	
B74818 (510972)	<0.5	8.14	1	860	0.9	<1	1.66	<0.5	25	4.4	38.5	17.7	1.82	18	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T515521

PROJECT: AGAT00775

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019	DATE RECEIVED: Sep 09, 2019					DATE REPORTED: Sep 30, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
B74819 (510973)	<0.5	8.31	<1	502	0.8	<1	1.97	<0.5	28	5.1	29.4	<0.5	1.94	19	
B74820 (510974)	<0.5	7.80	1	515	0.9	<1	2.03	<0.5	37	5.4	34.6	2.7	1.98	18	
B74821 (510975)	<0.5	6.96	<1	1080	1.5	<1	3.69	<0.5	55	17.0	134	37.4	3.15	15	
B74822 (510976)	<0.5	8.02	2	487	0.9	<1	1.35	<0.5	42	6.6	37.1	<0.5	2.42	18	
B74823 (510977)	<0.5	7.53	<1	681	2.3	<1	1.48	<0.5	44	5.6	37.8	<0.5	2.27	17	
B74824 (510978)	1.0	7.18	2	535	1.9	<1	1.40	<0.5	36	5.7	39.0	<0.5	2.20	16	
B74825 (510979)	0.6	7.64	<1	795	1.8	<1	1.37	<0.5	33	5.9	35.0	<0.5	2.31	17	
B74826 (510980)	<0.5	7.30	<1	146	<0.5	<1	6.61	<0.5	9	39.3	191	149	8.07	15	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019	DATE RECEIVED: Sep 09, 2019					DATE REPORTED: Sep 30, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
B74755 (510896)	<1	1.51	20	17	1.02	227	10.1	3.43	10.6	437	<20	<50	0.02	<1	
B74756 (510897)	<1	1.89	20	21	0.90	232	8.8	3.45	9.9	1070	<20	<50	0.01	<1	
B74757 (510898)	<1	1.83	25	23	1.08	247	7.9	3.28	9.2	411	<20	<50	0.03	<1	
B74758 (510899)	<1	1.88	24	24	1.14	260	9.2	3.29	10.4	417	<20	<50	0.04	<1	
B74759 (510900)	<1	1.81	22	35	1.29	251	9.0	3.58	16.4	608	<20	<50	0.03	<1	
B74760 (510902)	<1	2.82	38	145	8.86	1280	3.7	1.71	453	496	<20	<50	0.16	<1	
B74761 (510903)	<1	1.85	21	41	1.66	321	5.9	3.35	23.4	1970	<20	<50	0.03	<1	
B74762 (510904)	<1	1.60	19	24	0.96	278	6.4	3.42	7.4	646	<20	<50	0.04	<1	
B74763 (510905)	<1	1.45	20	11	0.71	279	5.4	3.36	8.6	824	<20	<50	0.03	<1	
B74764 (510907)	<1	1.65	20	13	0.62	251	5.2	3.31	6.7	664	<20	<50	0.06	<1	
B74765 (510909)	<1	1.95	17	14	1.07	307	5.3	3.21	11.6	1560	<20	<50	0.04	<1	
B74766 (510910)	<1	0.43	8	10	4.47	1350	2.2	2.32	104	873	<20	<50	0.09	<1	
B74767 (510912)	<1	2.22	15	22	1.20	296	6.4	3.55	30.1	1560	<20	<50	0.05	<1	
B74768 (510913)	<1	3.50	48	287	7.75	1060	4.4	0.96	381	430	<20	<50	0.07	1	
B74769 (510914)	<1	2.05	19	50	2.73	392	5.1	3.16	119	1400	<20	<50	0.06	<1	
B74770 (510915)	<1	1.50	22	98	4.46	562	3.3	2.88	273	1000	<20	<50	0.03	<1	
B74771 (510916)	<1	1.71	33	91	4.19	561	3.5	2.90	219	669	<20	<50	0.02	<1	
B74772 (510918)	<1	0.02	<2	1	2.09	118	2.6	0.04	1.7	89	<20	<50	0.07	1	
B74773 (510919)	<1	1.70	15	29	1.38	253	8.7	3.64	36.3	909	<20	<50	0.03	<1	
B74774 (510920)	<1	2.09	23	16	0.86	225	7.2	3.32	12.0	739	<20	<50	0.04	1	
B74775 (510921)	<1	1.69	14	22	0.99	210	7.3	3.88	10.1	759	<20	<50	0.03	<1	
B74776 (510923)	<1	2.10	36	92	4.61	663	7.0	2.80	215	571	<20	<50	0.02	<1	
B74777 (510924)	<1	2.99	36	265	7.27	1090	4.6	1.64	353	3060	<20	<50	0.04	<1	
B74778 (510925)	<1	2.95	35	267	7.32	1100	4.4	1.56	354	3130	<20	<50	0.03	1	
B74779 (510926)	<1	3.40	18	34	1.99	409	4.7	3.30	56.9	4000	<20	<50	0.05	<1	
B74780 (510927)	<1	3.00	35	297	5.90	919	5.0	2.30	258	1530	<20	<50	0.04	<1	
B74781 (510928)	<1	2.76	58	385	7.98	1270	4.7	0.69	358	1020	<20	<50	0.13	<1	
B74782 (510930)	<1	1.71	19	23	0.98	241	7.5	3.88	16.2	701	<20	<50	0.06	<1	
B74783 (510931)	<1	2.28	21	83	2.15	479	7.6	3.41	87.5	919	<20	<50	0.05	<1	
B74784 (510932)	<1	1.83	13	155	1.31	354	5.9	3.60	33.4	1660	<20	<50	0.11	<1	
B74785 (510933)	<1	1.47	15	26	0.98	226	6.9	3.75	6.9	396	<20	<50	0.02	<1	
B74786 (510935)	<1	0.44	9	10	4.54	1360	1.9	2.27	105	905	<20	<50	0.10	<1	

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T515521

PROJECT: AGAT00775

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019	DATE RECEIVED: Sep 09, 2019					DATE REPORTED: Sep 30, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
B74787 (510936)	<1	1.45	13	22	1.02	230	7.8	3.64	6.7	424	<20	<50	0.02	<1	
B74788 (510937)	<1	1.52	13	21	0.93	218	6.9	3.65	6.3	384	<20	<50	0.02	<1	
B74789 (510938)	<1	1.56	14	20	1.09	240	6.7	3.69	6.9	327	<20	<50	0.02	<1	
B74790 (510940)	<1	1.93	13	15	0.90	228	5.6	3.86	7.6	561	<20	<50	0.03	<1	
B74791 (510941)	<1	1.61	14	21	1.05	211	5.2	3.66	5.6	401	<20	<50	0.02	<1	
B74792 (510942)	<1	0.02	<2	1	1.33	101	2.8	0.05	0.9	69	<20	<50	0.06	<1	
B74793 (510943)	<1	1.55	12	25	1.05	198	5.6	3.31	5.4	317	<20	<50	0.01	<1	
B74794 (510945)	<1	1.74	15	33	1.18	240	4.1	3.72	11.4	628	<20	<50	0.02	<1	
B74795 (510946)	<1	3.41	74	300	7.90	1200	3.6	1.10	261	341	<20	<50	0.05	<1	
B74796 (510948)	<1	1.78	20	41	1.31	256	3.4	4.07	22.3	755	<20	<50	0.02	<1	
B74797 (510949)	<1	3.26	95	60	4.41	1620	3.5	1.68	57.5	3430	<20	<50	0.15	<1	
B74798 (510950)	<1	3.28	93	59	4.30	1600	2.7	1.62	55.1	3370	<20	<50	0.14	<1	
B74799 (510951)	<1	2.00	14	24	1.04	254	3.5	3.91	9.7	1160	<20	<50	0.02	<1	
B74800 (510953)	<1	1.69	27	16	0.87	230	4.4	3.70	7.6	812	<20	<50	0.02	<1	
B74801 (510954)	<1	1.61	13	21	0.89	208	4.6	3.83	5.6	342	<20	<50	0.02	<1	
B74802 (510955)	<1	1.32	12	14	0.68	229	5.4	4.31	9.1	397	<20	<50	0.01	<1	
B74803 (510956)	<1	1.52	14	24	0.98	211	6.7	3.67	5.9	388	<20	<50	0.04	<1	
B74804 (510957)	<1	1.47	14	22	0.93	206	7.0	3.62	6.0	409	<20	<50	0.03	<1	
B74805 (510958)	<1	1.54	14	23	0.95	210	7.9	3.64	7.3	360	<20	<50	0.07	<1	
B74806 (510959)	<1	0.44	9	11	4.52	1350	2.1	2.32	105	890	<20	<50	0.11	<1	
B74807 (510960)	<1	1.45	13	23	0.98	218	9.6	3.47	7.6	352	<20	<50	0.02	<1	
B74808 (510961)	<1	1.47	14	23	0.98	217	5.3	3.66	5.8	415	<20	<50	0.02	<1	
B74809 (510962)	<1	1.45	14	22	0.96	218	6.2	3.84	7.3	416	<20	<50	0.07	<1	
B74810 (510963)	<1	1.93	15	29	1.21	240	5.2	3.72	8.2	349	<20	<50	0.02	<1	
B74811 (510964)	<1	1.79	15	33	1.28	234	5.7	3.53	10.1	348	<20	<50	0.05	<1	
B74812 (510965)	<1	0.02	<2	2	3.11	117	2.0	0.05	1.1	92	<20	<50	0.06	<1	
B74813 (510967)	<1	1.43	14	19	0.82	208	7.5	3.70	7.5	360	<20	<50	0.02	<1	
B74814 (510968)	<1	1.95	14	23	0.89	211	7.4	3.61	9.1	333	<20	<50	0.02	<1	
B74815 (510969)	<1	1.64	13	24	0.79	202	6.8	3.66	9.0	429	<20	<50	0.02	<1	
B74816 (510970)	<1	1.42	14	27	0.75	210	4.5	3.69	6.6	356	<20	<50	0.02	<1	
B74817 (510971)	<1	1.75	12	20	0.69	209	4.6	3.35	6.5	389	<20	<50	0.04	<1	
B74818 (510972)	<1	1.71	12	20	0.71	211	5.1	3.30	6.3	416	<20	<50	0.04	<1	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T515521

PROJECT: AGAT00775

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019	DATE RECEIVED: Sep 09, 2019		DATE REPORTED: Sep 30, 2019				SAMPLE TYPE: Drill Core								
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
B74819 (510973)	<1	1.34	14	22	0.71	223	4.1	3.48	6.0	387	<20	<50	0.02	<1	
B74820 (510974)	<1	1.68	18	19	0.91	244	4.7	3.47	8.7	433	<20	<50	0.02	<1	
B74821 (510975)	<1	2.85	26	135	3.02	491	4.3	2.83	83.6	1380	<20	<50	0.04	<1	
B74822 (510976)	<1	2.30	21	38	1.79	293	4.0	3.11	12.0	410	<20	<50	0.02	<1	
B74823 (510977)	<1	2.31	21	44	1.76	374	5.4	3.33	10.8	399	<20	<50	0.03	<1	
B74824 (510978)	<1	2.43	17	46	1.64	368	4.5	3.00	10.8	621	<20	<50	0.04	<1	
B74825 (510979)	<1	2.20	16	36	1.68	401	4.4	3.43	10.0	407	<20	<50	0.04	<1	
B74826 (510980)	<1	0.20	3	12	4.49	1390	1.8	2.22	83.6	416	<20	<50	0.17	<1	

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ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019	DATE RECEIVED: Sep 09, 2019					DATE REPORTED: Sep 30, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
B74755 (510896)	4	<10	<5	249	<10	<10	<5	0.18	<5	<50	30.5	<1	5	53.6	
B74756 (510897)	4	<10	<5	288	<10	<10	<5	0.16	<5	<50	29.5	<1	4	44.4	
B74757 (510898)	5	<10	<5	273	<10	<10	<5	0.18	<5	<50	33.4	<1	5	68.0	
B74758 (510899)	5	<10	<5	277	<10	<10	<5	0.19	<5	<50	35.2	<1	5	72.1	
B74759 (510900)	5	<10	<5	273	<10	<10	<5	0.21	<5	<50	38.7	<1	6	54.3	
B74760 (510902)	26	<10	<5	625	<10	<10	<5	0.61	<5	<50	223	<1	29	64.8	
B74761 (510903)	7	<10	<5	358	<10	<10	<5	0.23	<5	<50	42.0	<1	9	63.3	
B74762 (510904)	5	<10	<5	228	<10	<10	<5	0.20	<5	<50	34.2	<1	6	50.2	
B74763 (510905)	5	<10	<5	209	<10	<10	<5	0.15	<5	<50	26.5	<1	6	64.9	
B74764 (510907)	5	<10	<5	196	<10	<10	<5	0.14	<5	<50	27.0	<1	7	465	
B74765 (510909)	5	<10	<5	263	<10	<10	<5	0.16	<5	<50	31.0	<1	6	149	
B74766 (510910)	35	<10	<5	251	<10	<10	<5	0.87	<5	<50	239	<1	21	97.3	
B74767 (510912)	7	<10	<5	357	<10	<10	<5	0.20	<5	<50	45.7	<1	4	81.2	
B74768 (510913)	58	<10	<5	690	<10	<10	<5	0.50	<5	<50	302	<1	26	65.8	
B74769 (510914)	9	<10	<5	447	<10	<10	<5	0.18	<5	<50	45.8	<1	8	62.0	
B74770 (510915)	24	<10	<5	488	<10	<10	<5	0.21	<5	<50	111	<1	13	42.1	
B74771 (510916)	25	<10	<5	546	<10	<10	<5	0.20	<5	<50	155	<1	11	42.7	
B74772 (510918)	<1	<10	<5	72	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	3.4	
B74773 (510919)	7	<10	<5	315	<10	<10	<5	0.17	<5	<50	43.2	<1	6	39.1	
B74774 (510920)	5	<10	<5	263	<10	<10	<5	0.10	<5	<50	28.3	<1	5	38.6	
B74775 (510921)	5	<10	<5	288	<10	<10	<5	0.15	<5	<50	30.8	<1	4	40.6	
B74776 (510923)	20	<10	<5	481	<10	<10	<5	0.15	<5	<50	99.5	<1	13	56.8	
B74777 (510924)	39	<10	<5	843	<10	<10	<5	0.25	<5	<50	164	<1	17	108	
B74778 (510925)	39	<10	<5	837	<10	<10	<5	0.25	<5	<50	164	<1	17	107	
B74779 (510926)	8	<10	<5	600	<10	<10	<5	0.18	<5	<50	50.8	<1	9	40.2	
B74780 (510927)	30	<10	<5	595	<10	<10	<5	0.37	<5	<50	113	<1	17	82.0	
B74781 (510928)	31	<10	<5	793	<10	<10	<5	0.31	<5	<50	115	<1	21	76.1	
B74782 (510930)	5	<10	<5	292	<10	<10	<5	0.15	<5	<50	33.4	<1	4	128	
B74783 (510931)	12	<10	<5	409	<10	<10	<5	0.24	<5	<50	53.8	<1	6	63.0	
B74784 (510932)	5	<10	<5	353	<10	<10	<5	0.22	<5	<50	40.0	<1	4	256	
B74785 (510933)	4	<10	<5	272	<10	<10	<5	0.16	<5	<50	29.5	<1	4	49.6	
B74786 (510935)	36	<10	<5	244	<10	<10	<5	0.85	<5	<50	245	<1	22	95.3	

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## Certificate of Analysis

AGAT WORK ORDER: 19T515521

PROJECT: AGAT00775

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FAX (905)501-0589  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019	DATE RECEIVED: Sep 09, 2019					DATE REPORTED: Sep 30, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
B74787 (510936)	4	<10	<5	266	<10	<10	<5	0.17	<5	<50	29.8	<1	3	56.0	
B74788 (510937)	4	<10	<5	256	<10	<10	<5	0.16	<5	<50	30.3	<1	3	48.1	
B74789 (510938)	4	<10	<5	267	<10	<10	<5	0.19	<5	<50	31.4	<1	3	54.7	
B74790 (510940)	4	<10	<5	228	<10	<10	<5	0.16	<5	<50	27.5	<1	3	33.2	
B74791 (510941)	4	<10	<5	278	<10	<10	<5	0.17	<5	<50	29.2	<1	4	46.5	
B74792 (510942)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	3.3	
B74793 (510943)	4	<10	<5	256	<10	<10	<5	0.16	<5	<50	28.3	<1	3	51.4	
B74794 (510945)	5	<10	<5	299	<10	<10	<5	0.18	<5	<50	32.5	<1	4	61.7	
B74795 (510946)	41	<10	<5	913	<10	<10	6	0.74	<5	<50	187	<1	24	172	
B74796 (510948)	6	<10	<5	344	<10	<10	<5	0.16	<5	<50	32.9	<1	5	65.6	
B74797 (510949)	15	<10	<5	1530	<10	<10	<5	0.47	<5	<50	179	<1	30	111	
B74798 (510950)	15	<10	<5	1490	<10	<10	<5	0.47	<5	<50	175	<1	30	105	
B74799 (510951)	5	<10	<5	318	<10	<10	<5	0.15	<5	<50	30.5	<1	4	55.3	
B74800 (510953)	4	<10	<5	256	<10	<10	<5	0.13	<5	<50	26.8	<1	5	45.3	
B74801 (510954)	4	<10	<5	252	<10	<10	<5	0.14	<5	<50	27.4	<1	3	43.2	
B74802 (510955)	4	<10	<5	258	<10	<10	<5	0.08	<5	<50	19.9	<1	4	40.9	
B74803 (510956)	4	<10	<5	288	<10	<10	<5	0.17	<5	<50	28.8	<1	3	49.1	
B74804 (510957)	4	<10	<5	285	<10	<10	<5	0.17	<5	<50	30.1	<1	3	53.6	
B74805 (510958)	4	<10	<5	299	<10	<10	<5	0.17	<5	<50	29.5	<1	3	46.1	
B74806 (510959)	35	<10	<5	250	<10	<10	<5	0.88	<5	<50	241	<1	22	98.6	
B74807 (510960)	4	<10	<5	268	<10	<10	<5	0.16	<5	<50	29.1	<1	3	49.3	
B74808 (510961)	4	<10	<5	280	<10	<10	<5	0.16	<5	<50	29.6	<1	3	50.5	
B74809 (510962)	5	<10	<5	287	<10	<10	<5	0.16	<5	<50	30.4	<1	3	52.8	
B74810 (510963)	5	<10	<5	276	<10	<10	<5	0.16	<5	<50	32.2	<1	3	44.7	
B74811 (510964)	5	<10	<5	261	<10	<10	<5	0.18	<5	<50	31.9	<1	4	52.7	
B74812 (510965)	<1	<10	<5	65	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	4.2	
B74813 (510967)	4	<10	<5	285	<10	<10	<5	0.16	<5	<50	29.3	<1	4	41.8	
B74814 (510968)	5	<10	<5	291	<10	<10	<5	0.16	<5	<50	31.0	<1	4	43.8	
B74815 (510969)	4	<10	<5	307	<10	<10	<5	0.16	<5	<50	30.1	<1	4	42.9	
B74816 (510970)	4	<10	<5	312	<10	<10	<5	0.16	<5	<50	30.0	<1	3	42.9	
B74817 (510971)	4	<10	<5	284	<10	<10	<5	0.15	<5	<50	26.9	<1	4	43.4	
B74818 (510972)	4	<10	<5	276	<10	<10	<5	0.15	<5	<50	27.3	<1	4	42.3	

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019

DATE RECEIVED: Sep 09, 2019

DATE REPORTED: Sep 30, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
B74819 (510973)	4	<10	<5	288	<10	<10	<5	0.17	<5	<50	30.3	<1	4	53.4
B74820 (510974)	5	<10	<5	313	<10	<10	<5	0.15	<5	<50	31.1	<1	5	44.3
B74821 (510975)	23	<10	<5	519	<10	<10	<5	0.37	<5	<50	94.8	<1	10	54.9
B74822 (510976)	6	<10	<5	182	<10	<10	<5	0.20	<5	<50	31.7	<1	5	60.6
B74823 (510977)	7	<10	<5	163	<10	<10	<5	0.15	<5	<50	33.0	<1	9	56.4
B74824 (510978)	7	<10	<5	153	<10	<10	<5	0.13	<5	<50	31.4	<1	6	53.7
B74825 (510979)	7	<10	<5	162	<10	<10	<5	0.14	<5	<50	30.2	<1	7	53.5
B74826 (510980)	45	<10	<5	109	<10	<10	<5	0.67	<5	<50	303	<1	22	84.9

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019      DATE RECEIVED: Sep 09, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
B74755 (510896)			31
B74756 (510897)			22
B74757 (510898)			20
B74758 (510899)			22
B74759 (510900)			31
B74760 (510902)			247
B74761 (510903)			65
B74762 (510904)			78
B74763 (510905)			72
B74764 (510907)			71
B74765 (510909)			68
B74766 (510910)			87
B74767 (510912)			27
B74768 (510913)			108
B74769 (510914)			45
B74770 (510915)			56
B74771 (510916)			33
B74772 (510918)			<5
B74773 (510919)			33
B74774 (510920)			24
B74775 (510921)			18
B74776 (510923)			28
B74777 (510924)			20
B74778 (510925)			19
B74779 (510926)			22
B74780 (510927)			26
B74781 (510928)			59
B74782 (510930)			31
B74783 (510931)			55
B74784 (510932)			17
B74785 (510933)			20
B74786 (510935)			95

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AGAT WORK ORDER: 19T515521

PROJECT: AGAT00775

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019      DATE RECEIVED: Sep 09, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
B74787 (510936)			22
B74788 (510937)			23
B74789 (510938)			14
B74790 (510940)			18
B74791 (510941)			31
B74792 (510942)			<5
B74793 (510943)			17
B74794 (510945)			28
B74795 (510946)			126
B74796 (510948)			29
B74797 (510949)			87
B74798 (510950)			110
B74799 (510951)			22
B74800 (510953)			38
B74801 (510954)			30
B74802 (510955)			35
B74803 (510956)			18
B74804 (510957)			21
B74805 (510958)			16
B74806 (510959)			90
B74807 (510960)			18
B74808 (510961)			20
B74809 (510962)			21
B74810 (510963)			13
B74811 (510964)			26
B74812 (510965)			<5
B74813 (510967)			45
B74814 (510968)			28
B74815 (510969)			32
B74816 (510970)			37
B74817 (510971)			42
B74818 (510972)			41

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AGAT WORK ORDER: 19T515521

PROJECT: AGAT00775

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019	DATE RECEIVED: Sep 09, 2019	DATE REPORTED: Sep 30, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
B74819 (510973)				38
B74820 (510974)				33
B74821 (510975)				34
B74822 (510976)				56
B74823 (510977)				93
B74824 (510978)				88
B74825 (510979)				119
B74826 (510980)				53

Comments: RDL - Reported Detection Limit  
 510896-510980 As, Sb values may be low due to digestion losses.  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T515521

PROJECT: AGAT00775

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 08, 2019      DATE RECEIVED: Sep 09, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au	ppm	0.001	
B74755 (510896)				0.020
B74756 (510897)				0.007
B74757 (510898)				0.006
B74758 (510899)				0.004
B74759 (510900)				0.004
B74760 (510902)				0.003
B74761 (510903)				0.005
B74762 (510904)				0.005
B74763 (510905)				0.003
B74764 (510907)				0.005
B74765 (510909)				0.002
B74766 (510910)				0.339
B74767 (510912)				0.003
B74768 (510913)				0.003
B74769 (510914)				0.004
B74770 (510915)				0.003
B74771 (510916)				0.002
B74772 (510918)				0.004
B74773 (510919)				0.004
B74774 (510920)				0.002
B74775 (510921)				0.003
B74776 (510923)				0.002
B74777 (510924)				0.004
B74778 (510925)				0.004
B74779 (510926)				0.002
B74780 (510927)				0.002
B74781 (510928)				0.002
B74782 (510930)				0.021
B74783 (510931)				0.005
B74784 (510932)				0.011
B74785 (510933)				0.005
B74786 (510935)				0.322

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AGAT WORK ORDER: 19T515521

PROJECT: AGAT00775

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 08, 2019      DATE RECEIVED: Sep 09, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
B74787 (510936)		0.003	
B74788 (510937)		0.002	
B74789 (510938)		0.002	
B74790 (510940)		0.002	
B74791 (510941)		0.005	
B74792 (510942)		0.002	
B74793 (510943)		0.002	
B74794 (510945)		0.003	
B74795 (510946)		0.002	
B74796 (510948)		0.004	
B74797 (510949)		0.002	
B74798 (510950)		0.002	
B74799 (510951)		0.003	
B74800 (510953)		0.002	
B74801 (510954)		0.002	
B74802 (510955)		0.003	
B74803 (510956)		0.004	
B74804 (510957)		0.003	
B74805 (510958)		0.006	
B74806 (510959)		0.327	
B74807 (510960)		0.006	
B74808 (510961)		0.002	
B74809 (510962)		0.004	
B74810 (510963)		0.002	
B74811 (510964)		0.018	
B74812 (510965)		0.005	
B74813 (510967)		0.008	
B74814 (510968)		0.004	
B74815 (510969)		0.002	
B74816 (510970)		0.006	
B74817 (510971)		0.005	
B74818 (510972)		0.005	

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## Certificate of Analysis

AGAT WORK ORDER: 19T515521

PROJECT: AGAT00775

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 08, 2019	DATE RECEIVED: Sep 09, 2019	DATE REPORTED: Sep 30, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
B74819 (510973)			0.002
B74820 (510974)			0.002
B74821 (510975)			0.002
B74822 (510976)			0.002
B74823 (510977)			0.002
B74824 (510978)			0.002
B74825 (510979)			0.002
B74826 (510980)			0.522

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T515521

PROJECT: AGAT00775

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Sep 08, 2019	DATE RECEIVED: Sep 09, 2019	DATE REPORTED: Sep 30, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
B74755 (510896)		84.36
B74770 (510915)		86.42
B74786 (510935)		82.18
B74814 (510968)		81.37

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T515521

PROJECT: AGAT00775

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Sep 08, 2019      DATE RECEIVED: Sep 09, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
B74755 (510896)		98
B74782 (510930)		99
B74811 (510964)		90

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	510896	< 0.5	< 0.5	0.0%	510914	< 0.5	< 0.5	0.0%	510927	< 0.5	< 0.5	0.0%	510945	< 0.5	< 0.5	0.0%
Al	510896	7.57	7.94	4.8%	510914	6.75	6.55	3.0%	510927	4.25	4.19	1.4%	510945	7.91	7.61	3.9%
As	510896	2	1	66.7%	510914	5	2		510927	5	6	18.2%	510945	< 1	< 1	0.0%
Ba	510896	845	890	5.2%	510914	2320	2260	2.6%	510927	503	509	1.2%	510945	660	637	3.5%
Be	510896	0.9	0.9	0.0%	510914	1.6	1.6	0.0%	510927	2.81	2.88	2.5%	510945	1.0	1.0	0.0%
Bi	510896	< 1	< 1	0.0%	510914	< 1	< 1	0.0%	510927	< 1	< 1	0.0%	510945	< 1	< 1	0.0%
Ca	510896	1.35	1.36	0.7%	510914	2.60	2.52	3.1%	510927	5.72	5.75	0.5%	510945	1.59	1.49	6.5%
Cd	510896	< 0.5	< 0.5	0.0%	510914	< 0.5	< 0.5	0.0%	510927	< 0.5	0.5		510945	< 0.5	< 0.5	0.0%
Ce	510896	41	40	2.5%	510914	39	39	0.0%	510927	77	78	1.3%	510945	33	30	9.5%
Co	510896	4.47	4.13	7.9%	510914	10.6	10.3	2.9%	510927	40.0	40.6	1.5%	510945	5.46	5.44	0.4%
Cr	510896	54.3	61.8	12.9%	510914	108	104	3.8%	510927	274	284	3.6%	510945	35.1	35.8	2.0%
Cu	510896	0.6	< 0.5		510914	24.1	23.6	2.1%	510927	39.2	41.8	6.4%	510945	< 0.5	< 0.5	0.0%
Fe	510896	2.09	2.09	0.0%	510914	2.98	2.91	2.4%	510927	5.03	5.03	0.0%	510945	2.15	2.07	3.8%
Ga	510896	19	19	0.0%	510914	16	16	0.0%	510927	12	12	0.0%	510945	18	18	0.0%
In	510896	< 1	< 1	0.0%	510914	< 1	< 1	0.0%	510927	< 1	< 1	0.0%	510945	< 1	< 1	0.0%
K	510896	1.51	1.56	3.3%	510914	2.05	2.00	2.5%	510927	3.00	2.85	5.1%	510945	1.74	1.68	3.5%
La	510896	20	19	5.1%	510914	19	18	5.4%	510927	35	36	2.8%	510945	15	15	0.0%
Li	510896	17	18	5.7%	510914	50	48	4.1%	510927	297	298	0.3%	510945	33	31	6.3%
Mg	510896	1.02	1.00	2.0%	510914	2.73	2.65	3.0%	510927	5.90	5.93	0.5%	510945	1.18	1.14	3.4%
Mn	510896	227	222	2.2%	510914	392	382	2.6%	510927	919	916	0.3%	510945	240	232	3.4%
Mo	510896	10.1	9.4	7.2%	510914	5.05	4.73	6.5%	510927	5.0	5.4	7.7%	510945	4.1	4.0	2.5%
Na	510896	3.43	3.60	4.8%	510914	3.16	3.05	3.5%	510927	2.30	2.28	0.9%	510945	3.72	3.48	6.7%
Ni	510896	10.6	9.1	15.2%	510914	119	115	3.4%	510927	258	264	2.3%	510945	11.4	11.0	3.6%
P	510896	437	459	4.9%	510914	1400	1350	3.6%	510927	1530	1570	2.6%	510945	628	604	3.9%
Pb	510896	< 20	< 20	0.0%	510914	< 20	< 20	0.0%	510927	< 20	< 20	0.0%	510945	< 20	< 20	0.0%
Rb	510896	< 50	< 50	0.0%	510914	< 50	< 50	0.0%	510927	< 50	< 50	0.0%	510945	< 50	< 50	0.0%
S	510896	0.02	0.01		510914	0.06	0.06	0.0%	510927	0.04	0.04	0.0%	510945	0.02	0.02	0.0%
Sb	510896	< 1	< 1	0.0%	510914	< 1	1		510927	< 1	< 1	0.0%	510945	< 1	1	
Sc	510896	4	4	0.0%	510914	9	9	0.0%	510927	30	31	3.3%	510945	5	5	0.0%
Se	510896	< 10	< 10	0.0%	510914	< 10	< 10	0.0%	510927	< 10	< 10	0.0%	510945	< 10	< 10	0.0%
Sn	510896	< 5	< 5	0.0%	510914	< 5	< 5	0.0%	510927	< 5	< 5	0.0%	510945	< 5	< 5	0.0%

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	510896	249	261	4.7%	510914	447	430	3.9%	510927	595	609	2.3%	510945	299	280	6.6%
Ta	510896	< 10	< 10	0.0%	510914	< 10	< 10	0.0%	510927	< 10	< 10	0.0%	510945	< 10	< 10	0.0%
Te	510896	< 10	< 10	0.0%	510914	< 10	< 10	0.0%	510927	< 10	< 10	0.0%	510945	< 10	< 10	0.0%
Th	510896	< 5	< 5	0.0%	510914	< 5	< 5	0.0%	510927	< 5	< 5	0.0%	510945	< 5	< 5	0.0%
Ti	510896	0.182	0.187	2.7%	510914	0.179	0.171	4.6%	510927	0.37	0.42	12.7%	510945	0.183	0.175	4.5%
Tl	510896	< 5	< 5	0.0%	510914	< 5	< 5	0.0%	510927	< 5	< 5	0.0%	510945	< 5	< 5	0.0%
U	510896	< 50	< 50	0.0%	510914	< 50	< 50	0.0%	510927	< 50	< 50	0.0%	510945	< 50	< 50	0.0%
V	510896	30.5	30.3	0.7%	510914	45.8	44.9	2.0%	510927	113	117	3.5%	510945	32.5	32.0	1.6%
W	510896	< 1	< 1	0.0%	510914	< 1	< 1	0.0%	510927	< 1	< 1	0.0%	510945	< 1	< 1	0.0%
Y	510896	5	6	18.2%	510914	8	8	0.0%	510927	17	17	0.0%	510945	4	4	0.0%
Zn	510896	53.6	52.4	2.3%	510914	62.0	61.8	0.3%	510927	82.0	86.1	4.9%	510945	61.7	57.5	7.0%
Zr	510896	31	31	0.0%	510914	45	40	11.8%	510927	26	26	0.0%	510945	28	26	7.4%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	510958	< 0.5	< 0.5	0.0%	510973	< 0.5	< 0.5	0.0%								
Al	510958	8.18	8.30	1.5%	510973	8.31	8.37	0.7%								
As	510958	1	< 1		510973	< 1	< 1	0.0%								
Ba	510958	465	472	1.5%	510973	502	514	2.4%								
Be	510958	0.9	0.9	0.0%	510973	0.8	0.8	0.0%								
Bi	510958	< 1	< 1	0.0%	510973	< 1	< 1	0.0%								
Ca	510958	1.56	1.59	1.9%	510973	1.97	1.96	0.5%								
Cd	510958	< 0.5	< 0.5	0.0%	510973	< 0.5	< 0.5	0.0%								
Ce	510958	30	29	3.4%	510973	28	30	6.9%								
Co	510958	4.93	5.30	7.2%	510973	5.1	5.2	1.9%								
Cr	510958	46.8	44.5	5.0%	510973	29.4	29.0	1.4%								
Cu	510958	34.6	34.0	1.7%	510973	< 0.5	< 0.5	0.0%								
Fe	510958	2.07	2.13	2.9%	510973	1.94	1.95	0.5%								
Ga	510958	18	19	5.4%	510973	19	19	0.0%								
In	510958	< 1	< 1	0.0%	510973	< 1	< 1	0.0%								
K	510958	1.54	1.61	4.4%	510973	1.34	1.36	1.5%								
La	510958	14	14	0.0%	510973	14	14	0.0%								
Li	510958	23	24	4.3%	510973	22	22	0.0%								
Mg	510958	0.955	0.990	3.6%	510973	0.710	0.718	1.1%								
Mn	510958	210	226	7.3%	510973	223	225	0.9%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	510958	7.9	8.0	1.3%	510973	4.07	3.80	6.9%								
Na	510958	3.64	3.73	2.4%	510973	3.48	3.50	0.6%								
Ni	510958	7.3	6.7	8.6%	510973	6.0	5.9	1.7%								
P	510958	360	353	2.0%	510973	387	378	2.4%								
Pb	510958	< 20	< 20	0.0%	510973	< 20	< 20	0.0%								
Rb	510958	< 50	< 50	0.0%	510973	< 50	< 50	0.0%								
S	510958	0.07	0.07	0.0%	510973	0.02	0.02	0.0%								
Sb	510958	< 1	< 1	0.0%	510973	< 1	< 1	0.0%								
Sc	510958	4	4	0.0%	510973	4	4	0.0%								
Se	510958	< 10	< 10	0.0%	510973	< 10	< 10	0.0%								
Sn	510958	< 5	< 5	0.0%	510973	< 5	< 5	0.0%								
Sr	510958	299	305	2.0%	510973	288	289	0.3%								
Ta	510958	< 10	< 10	0.0%	510973	< 10	< 10	0.0%								
Te	510958	< 10	< 10	0.0%	510973	< 10	< 10	0.0%								
Th	510958	< 5	< 5	0.0%	510973	< 5	< 5	0.0%								
Ti	510958	0.17	0.17	0.0%	510973	0.174	0.176	1.1%								
Tl	510958	< 5	< 5	0.0%	510973	< 5	< 5	0.0%								
U	510958	< 50	< 50	0.0%	510973	< 50	< 50	0.0%								
V	510958	29.5	31.0	5.0%	510973	30.3	30.1	0.7%								
W	510958	< 1	< 1	0.0%	510973	< 1	< 1	0.0%								
Y	510958	3	3	0.0%	510973	4	4	0.0%								
Zn	510958	46.1	49.1	6.3%	510973	53.4	52.1	2.5%								
Zr	510958	16	16	0.0%	510973	38	43	12.3%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	510896	0.020	0.004		510914	0.004	0.005	22.2%	510927	0.002	0.003		510945	0.003	0.003	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	510958	0.006	0.006	0.0%	510973	0.002	0.003									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GS4H)				CRM #3 (ref.GSP7M)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	2.77	91%	90% - 110%
Al	10.95	10.74	98%	90% - 110%	8.17	8.41	103%	90% - 110%	6.96	6.9	99%	90% - 110%	4.75	4.84	102%	90% - 110%
As					26	24	92%	90% - 110%	124	122	98%	90% - 110%				
Ba	340	320	94%	90% - 110%	540	545	101%	90% - 110%	186	185	100%	90% - 110%	216	216	100%	90% - 110%
Be	2.6	2.6	101%	90% - 110%	4.0	3.4	85%	90% - 110%								
Ca	5.72	5.28	92%	90% - 110%	0.907	0.952	105%	90% - 110%	4.01	3.85	96%	90% - 110%	10	9	92%	90% - 110%
Ce	122	118	96%	90% - 110%	98	102	104%	90% - 110%	24	22	93%	90% - 110%				
Co									22.1	20.8	94%	90% - 110%	191	175	91%	90% - 110%
Cr	12	11	88%	90% - 110%	60.3	62.8	104%	90% - 110%					670	684	102%	90% - 110%
Cu					150	146	98%	90% - 110%	88.6	80.5	91%	90% - 110%	7120	7096	100%	90% - 110%
Fe	4.34	4.01	92%	90% - 110%	3.77	4.02	107%	90% - 110%	7.56	7.43	98%	90% - 110%	12.71	12.18	96%	90% - 110%
Ga	35	35	99%	90% - 110%												
K	1.37	1.42	104%	90% - 110%					2.021	2.023	100%	90% - 110%	0.1021	0.1091	107%	90% - 110%
La	58	55	94%	90% - 110%	44	43	97%	90% - 110%					8.47	7.19	85%	90% - 110%
Li	37	38	103%	90% - 110%	47	45	97%	90% - 110%								
Mg	0.325	0.293	90%	90% - 110%	1.10	1.15	105%	90% - 110%	2.412	2.487	103%	90% - 110%	7.41	7.58	102%	90% - 110%
Mn					780	755	97%	90% - 110%	1510	1543	102%	90% - 110%				
Mo					14	14	102%	90% - 110%								
Na	5.267	5.304	101%	90% - 110%	1.624	1.658	102%	90% - 110%	0.617	0.622	101%	90% - 110%	0.112	0.118	105%	90% - 110%
Ni	9	6	70%	90% - 110%	32	32	100%	90% - 110%	77.1	71.5	93%	90% - 110%	2480	2060	83%	90% - 110%
P					750	745	99%	90% - 110%	892	915	103%	90% - 110%	731	699	96%	90% - 110%
Pb	10	8	77%	90% - 110%	31	28	92%	90% - 110%								
S									0.348	0.354	102%	90% - 110%				
Sb													1.8	1.3	75%	90% - 110%
Sc	1.1	1.1	97%	90% - 110%	12	13	105%	90% - 110%					21.33	21.36	100%	90% - 110%
Sr	1191	1148	96%	90% - 110%	144	153	106%	90% - 110%	92.8	86.2	93%	90% - 110%	39	37	96%	90% - 110%
Ti	0.172	0.165	96%	90% - 110%	0.53	0.48	90%	90% - 110%					0.419	0.402	96%	90% - 110%
V	8	8	95%	90% - 110%	77	80	104%	90% - 110%					158	162	102%	90% - 110%
Y	119	122	102%	90% - 110%									12.67	12.57	99%	90% - 110%
Zn	93	91	98%	90% - 110%	130	141	108%	90% - 110%	208	219	105%	90% - 110%	112	121	108%	90% - 110%
Zr													35.7	35.2	99%	90% - 110%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GS4H)				CRM #3 (ref.GSP7M)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.51	95%	90% - 110%	5.01	5.1	102%	90% - 110%	0.725	0.722	100%	90% - 110%	0.562	0.562	100%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19T515521

PROJECT: AGAT00775

ATTENTION TO: Craig Yuill

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00776

AGAT WORK ORDER: 19T515542

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Oct 04, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T515542

PROJECT: AGAT00776

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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 TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 08, 2019      DATE RECEIVED: Sep 09, 2019      DATE REPORTED: Oct 04, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
B74827 (511071)		1.18
B74828 (511072)		1.05
B74829 (511073)		0.93
B74830 (511074)		1.54
B74831 (511075)		1.82
B74832 (511076)		0.59
B74833 (511077)		1.42
B74834 (511078)		1.51
B74835 (511079)		1.83
B74836 (511080)		1.84
B74837 (511081)		1.74
B74838 (511082)		1.74
B74839 (511083)		2.35
B74840 (511084)		1.38
B74841 (511085)		0.96
B74842 (511086)		2.00
B74843 (511087)		1.72
B74844 (511088)		0.83
B74845 (511089)		2.44
B74846 (511090)		0.07
B74847 (511091)		2.33
B74848 (511092)		0.76
B74849 (511093)		1.19
B74850 (511094)		1.63
B74851 (511095)		2.08
B74852 (511096)		0.62
B74853 (511097)		1.69
B74854 (511098)		0.87
B74855 (511099)		1.29
B74856 (511100)		1.14
B74857 (511101)		2.30

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T515542

PROJECT: AGAT00776

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 08, 2019      DATE RECEIVED: Sep 09, 2019      DATE REPORTED: Oct 04, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
B74858 (511102)		2.30
B74859 (511103)		2.21
B74860 (511104)		2.33
B74861 (511105)		2.27
B74862 (511106)		2.30
B74863 (511107)		1.11
B74864 (511108)		1.17
B74865 (511109)		2.66
B74866 (511110)		0.07
B74867 (511111)		0.94
B74868 (511112)		1.49
B74869 (511113)		1.57
B74870 (511114)		1.69
B74871 (511115)		2.33
B74872 (511116)		0.62
B74873 (511117)		1.11
B74874 (511118)		2.18
B74875 (511119)		1.39
B74876 (511120)		1.71
B74877 (511121)		1.75
B74878 (511122)		1.75
B74879 (511123)		1.37
B74880 (511124)		1.36
B74881 (511125)		1.50
B74882 (511126)		1.32
B74883 (511127)		1.98
B74884 (511128)		1.64
B74885 (511129)		1.96
B74886 (511130)		0.07
B74887 (511131)		1.92
B74888 (511132)		1.69

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T515542

PROJECT: AGAT00776

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 08, 2019      DATE RECEIVED: Sep 09, 2019      DATE REPORTED: Oct 04, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
B74889 (511133)		1.67
B74890 (511134)		1.95
B74891 (511135)		1.39
B74892 (511136)		0.66
B74893 (511137)		1.05
B74894 (511138)		1.87
B74895 (511139)		1.36
B74896 (511140)		1.24
B74897 (511141)		2.19
B74898 (511142)		2.19

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T515542

PROJECT: AGAT00776

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019	DATE RECEIVED: Sep 09, 2019							DATE REPORTED: Oct 04, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
B74827 (511071)	0.6	7.42	<1	647	2.3	<1	0.75	<0.5	29	5.3	25.6	<0.5	2.03	19	
B74828 (511072)	0.7	7.18	<1	911	1.6	<1	1.26	<0.5	41	5.9	25.1	<0.5	2.28	17	
B74829 (511073)	<0.5	7.49	<1	1940	1.2	<1	0.75	<0.5	34	0.7	18.5	1.4	1.05	16	
B74830 (511074)	<0.5	7.72	<1	2190	0.6	<1	0.68	<0.5	20	<0.5	19.5	1.1	0.96	15	
B74831 (511075)	<0.5	8.09	<1	434	0.9	<1	1.39	<0.5	30	4.9	23.4	<0.5	1.96	18	
B74832 (511076)	<0.5	0.11	<1	32	<0.5	<1	27.4	<0.5	<1	<0.5	4.8	<0.5	0.15	<5	
B74833 (511077)	<0.5	7.46	<1	584	1.5	<1	1.05	<0.5	33	5.5	20.3	<0.5	2.13	18	
B74834 (511078)	<0.5	7.50	<1	452	0.9	<1	1.57	<0.5	36	6.2	20.0	<0.5	2.16	17	
B74835 (511079)	<0.5	7.96	<1	555	0.9	<1	1.64	<0.5	26	5.5	17.0	13.0	1.95	18	
B74836 (511080)	<0.5	7.78	<1	509	1.3	<1	1.72	<0.5	28	5.4	18.8	5.8	1.95	18	
B74837 (511081)	<0.5	8.22	<1	457	1.1	<1	1.81	<0.5	28	5.1	17.5	16.2	1.85	19	
B74838 (511082)	<0.5	8.27	<1	553	0.9	<1	1.65	<0.5	29	5.1	18.2	10.3	1.93	19	
B74839 (511083)	<0.5	8.24	<1	449	1.1	<1	1.79	<0.5	30	4.8	22.4	28.7	1.93	18	
B74840 (511084)	<0.5	7.91	<1	910	1.1	<1	1.89	<0.5	37	4.4	26.3	13.2	1.84	18	
B74841 (511085)	<0.5	8.15	<1	491	0.9	<1	1.46	<0.5	29	5.6	28.8	<0.5	2.01	18	
B74842 (511086)	<0.5	8.10	<1	856	0.6	<1	1.19	<0.5	29	5.0	22.4	<0.5	1.94	19	
B74843 (511087)	<0.5	8.06	<1	589	0.8	<1	1.32	<0.5	24	4.9	16.4	<0.5	1.85	18	
B74844 (511088)	<0.5	7.94	<1	301	0.9	<1	1.43	<0.5	41	6.1	18.5	<0.5	2.66	23	
B74845 (511089)	<0.5	7.97	<1	296	1.5	<1	1.96	<0.5	15	0.9	14.8	0.7	0.63	17	
B74846 (511090)	<0.5	7.29	<1	143	<0.5	<1	6.55	<0.5	9	39.1	146	151	7.81	16	
B74847 (511091)	1.0	7.12	<1	847	5.2	<1	2.89	<0.5	77	13.8	45.5	24.9	3.75	19	
B74848 (511092)	<0.5	7.62	<1	458	0.7	<1	1.00	<0.5	47	5.6	17.9	4.5	2.18	19	
B74849 (511093)	<0.5	7.75	<1	403	1.2	<1	1.11	<0.5	31	8.3	20.9	16.0	2.46	16	
B74850 (511094)	<0.5	7.83	<1	362	0.6	<1	1.04	<0.5	23	10.1	21.6	10.9	2.58	17	
B74851 (511095)	<0.5	7.97	<1	712	1.0	<1	1.51	<0.5	32	7.8	23.3	1.9	2.55	17	
B74852 (511096)	<0.5	0.07	<1	19	<0.5	<1	27.7	<0.5	<1	<0.5	3.9	<0.5	0.13	<5	
B74853 (511097)	<0.5	6.55	<1	789	1.8	<1	1.69	<0.5	63	<0.5	21.1	1.2	1.03	13	
B74854 (511098)	<0.5	6.56	<1	879	1.2	<1	1.68	<0.5	52	<0.5	16.0	11.5	1.00	13	
B74855 (511099)	<0.5	6.42	<1	503	1.3	<1	2.11	<0.5	43	<0.5	19.3	7.7	0.95	13	
B74856 (511100)	<0.5	7.33	<1	511	1.5	<1	2.27	<0.5	125	2.8	24.2	32.4	1.81	17	
B74857 (511101)	<0.5	6.59	<1	769	1.2	<1	1.77	<0.5	65	0.8	23.4	3.3	1.20	14	
B74858 (511102)	<0.5	6.41	<1	744	1.1	<1	1.74	<0.5	65	0.7	21.0	3.4	1.15	14	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T515542

PROJECT: AGAT00776

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019	DATE RECEIVED: Sep 09, 2019							DATE REPORTED: Oct 04, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
B74859 (511103)	<0.5	7.36	<1	641	1.3	<1	1.74	<0.5	56	3.7	25.5	2.7	1.90	16	
B74860 (511104)	<0.5	7.16	<1	614	1.3	<1	1.75	<0.5	60	2.5	24.3	10.5	1.73	16	
B74861 (511105)	<0.5	7.03	<1	590	1.2	<1	1.80	<0.5	57	2.1	21.6	<0.5	1.55	15	
B74862 (511106)	<0.5	7.34	<1	1290	1.3	<1	2.22	<0.5	47	4.2	31.8	<0.5	1.82	16	
B74863 (511107)	0.7	7.74	<1	887	1.4	<1	1.68	<0.5	42	6.3	33.1	<0.5	2.28	18	
B74864 (511108)	<0.5	3.99	<1	1330	2.9	<1	9.22	<0.5	178	42.5	351	125	9.04	20	
B74865 (511109)	<0.5	8.94	<1	913	1.3	<1	2.05	<0.5	64	8.0	24.0	<0.5	2.77	21	
B74866 (511110)	<0.5	7.55	<1	188	0.6	<1	6.21	<0.5	21	37.3	154	101	7.58	18	
B74867 (511111)	0.5	7.03	<1	452	1.1	<1	1.26	<0.5	39	3.7	22.3	0.7	1.73	18	
B74868 (511112)	0.7	7.82	<1	707	3.4	<1	1.69	<0.5	67	10.6	53.9	2.7	3.22	22	
B74869 (511113)	0.6	7.65	<1	488	1.3	<1	1.91	<0.5	31	14.0	66.4	6.3	3.16	19	
B74870 (511114)	0.8	3.75	<1	553	1.7	<1	6.64	<0.5	100	63.0	618	103	9.21	14	
B74871 (511115)	0.6	4.00	<1	602	2.9	<1	6.59	<0.5	99	57.6	547	109	8.85	14	
B74872 (511116)	<0.5	0.07	<1	26	<0.5	<1	29.6	<0.5	<1	1.1	3.3	23.5	0.11	<5	
B74873 (511117)	<0.5	7.57	<1	626	0.9	<1	1.79	<0.5	28	9.3	21.2	<0.5	2.54	16	
B74874 (511118)	<0.5	8.16	<1	594	0.9	<1	1.35	<0.5	27	11.0	28.7	1.4	2.77	17	
B74875 (511119)	<0.5	7.94	<1	470	0.7	<1	1.21	<0.5	25	9.1	25.3	18.5	2.48	16	
B74876 (511120)	<0.5	8.09	<1	361	0.7	<1	1.16	<0.5	27	9.1	24.1	17.7	2.51	17	
B74877 (511121)	<0.5	8.05	<1	454	0.7	<1	1.07	<0.5	25	6.4	25.3	<0.5	2.06	22	
B74878 (511122)	<0.5	7.92	<1	439	1.3	<1	1.05	<0.5	26	6.2	38.9	<0.5	2.14	21	
B74879 (511123)	0.6	8.44	<1	402	1.2	<1	2.09	<0.5	25	9.6	37.1	10.0	2.76	18	
B74880 (511124)	<0.5	6.87	<1	1080	1.0	<1	1.51	<0.5	36	0.7	24.4	7.9	0.94	14	
B74881 (511125)	<0.5	6.68	<1	365	3.1	<1	2.06	<0.5	40	1.6	19.5	24.6	0.90	14	
B74882 (511126)	<0.5	6.80	<1	689	1.4	<1	1.85	<0.5	41	1.2	22.1	8.9	0.95	14	
B74883 (511127)	<0.5	8.06	<1	1500	1.4	<1	2.03	<0.5	47	7.9	29.0	12.7	2.92	19	
B74884 (511128)	<0.5	6.37	<1	984	3.4	<1	3.56	<0.5	84	14.2	82.7	21.5	2.82	16	
B74885 (511129)	<0.5	7.74	<1	724	1.1	<1	1.24	<0.5	40	5.3	27.2	<0.5	2.03	20	
B74886 (511130)	<0.5	7.45	<1	186	0.5	<1	6.18	<0.5	20	37.5	160	102	7.56	17	
B74887 (511131)	<0.5	8.00	<1	537	1.0	<1	1.65	<0.5	41	7.8	32.5	6.7	2.61	18	
B74888 (511132)	<0.5	13.0	<1	463	3.4	<1	10.2	0.9	64	74.6	115	110	18.0	42	
B74889 (511133)	<0.5	4.68	<1	584	2.6	<1	6.65	<0.5	91	44.4	226	62.1	7.89	14	
B74890 (511134)	<0.5	11.3	<1	931	3.2	<1	12.3	<0.5	132	78.4	314	123	16.4	36	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T515542

PROJECT: AGAT00776

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019	DATE RECEIVED: Sep 09, 2019					DATE REPORTED: Oct 04, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
B74891 (511135)	<0.5	4.73	<1	591	2.6	<1	6.76	<0.5	91	44.9	215	62.1	8.00	14	
B74892 (511136)	<0.5	0.09	1	15	<0.5	<1	28.2	<0.5	<1	<0.5	5.2	<0.5	0.17	<5	
B74893 (511137)	0.9	5.97	<1	477	9.2	<1	4.43	<0.5	77	21.4	89.4	26.8	4.25	17	
B74894 (511138)	<0.5	2.43	<1	100	7.6	<1	11.1	<0.5	149	47.6	312	79.4	5.54	7	
B74895 (511139)	0.8	8.05	<1	1330	10.8	<1	2.47	<0.5	76	5.3	30.8	2.0	2.98	18	
B74896 (511140)	<0.5	6.77	<1	578	1.6	<1	2.36	<0.5	39	1.7	16.4	7.1	1.13	15	
B74897 (511141)	<0.5	6.87	<1	863	1.3	<1	2.13	<0.5	39	2.5	25.0	12.0	1.35	15	
B74898 (511142)	<0.5	6.90	<1	868	1.2	<1	2.11	<0.5	37	2.3	23.5	11.9	1.33	14	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019

DATE RECEIVED: Sep 09, 2019

DATE REPORTED: Oct 04, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
B74827 (511071)		<1	2.37	13	24	1.38	269	6.1	2.63	10.3	219	<20	<50	0.02	<1
B74828 (511072)		<1	1.82	19	25	1.68	408	7.0	3.07	10.9	240	<20	<50	0.03	<1
B74829 (511073)		<1	3.52	15	13	0.49	132	6.5	2.13	4.7	307	<20	<50	0.02	<1
B74830 (511074)		<1	4.37	9	11	0.44	116	6.8	2.07	4.7	331	<20	<50	0.01	<1
B74831 (511075)		<1	1.89	15	25	1.09	248	7.1	3.15	8.0	279	<20	<50	0.01	<1
B74832 (511076)		<1	0.03	<2	1	2.02	92	1.8	0.04	1.2	72	<20	<50	0.07	<1
B74833 (511077)		<1	2.65	15	34	1.48	302	5.3	2.02	9.2	254	<20	<50	<0.01	<1
B74834 (511078)		<1	1.78	18	30	1.36	284	4.9	2.68	9.0	302	<20	<50	0.01	<1
B74835 (511079)		<1	1.93	13	26	0.92	254	4.6	3.29	8.3	348	<20	<50	0.03	<1
B74836 (511080)		<1	1.92	13	15	0.71	269	5.0	3.46	9.9	328	<20	<50	0.02	<1
B74837 (511081)		<1	1.36	14	26	0.71	230	4.4	3.59	6.7	340	<20	<50	0.04	<1
B74838 (511082)		<1	1.51	15	23	0.80	238	4.9	3.48	6.7	352	<20	<50	0.02	<1
B74839 (511083)		<1	1.33	14	26	0.69	234	6.6	3.53	6.8	335	<20	<50	0.05	<1
B74840 (511084)		<1	2.12	18	18	0.79	284	7.7	3.82	10.9	1390	<20	<50	0.02	<1
B74841 (511085)		<1	2.02	14	37	0.97	236	7.5	3.42	8.6	319	<20	<50	0.01	<1
B74842 (511086)		<1	2.98	15	31	1.02	228	6.4	2.89	7.9	417	<20	<50	0.01	<1
B74843 (511087)		<1	2.95	12	25	1.03	253	4.6	2.94	7.3	287	<20	<50	<0.01	<1
B74844 (511088)		<1	2.38	19	19	1.16	316	4.4	2.91	8.2	158	<20	<50	0.01	<1
B74845 (511089)		<1	1.41	8	6	0.24	100	5.3	3.83	4.0	187	<20	<50	0.02	<1
B74846 (511090)		<1	0.20	3	13	4.42	1370	1.5	2.20	82.7	385	<20	<50	0.17	<1
B74847 (511091)		<1	2.69	36	64	2.37	531	5.6	3.18	39.8	945	<20	<50	0.06	<1
B74848 (511092)		<1	2.41	23	32	1.47	291	4.5	2.37	8.1	265	<20	<50	0.02	<1
B74849 (511093)		<1	2.66	16	33	1.97	371	5.0	2.25	14.0	544	<20	<50	0.02	<1
B74850 (511094)		<1	2.40	11	35	2.11	414	4.4	1.84	17.3	333	<20	<50	0.03	<1
B74851 (511095)		<1	2.84	16	40	2.00	393	4.4	2.05	14.6	442	<20	<50	0.02	<1
B74852 (511096)		<1	0.02	<2	2	1.66	97	1.6	0.03	0.7	62	<20	<50	0.07	<1
B74853 (511097)		<1	2.17	29	25	0.73	238	9.1	1.81	4.8	71	<20	<50	0.02	<1
B74854 (511098)		<1	2.06	22	15	0.62	242	5.5	1.61	2.9	84	<20	<50	0.05	<1
B74855 (511099)		<1	1.24	19	14	0.60	233	10.9	1.78	3.3	43	<20	<50	0.04	<1
B74856 (511100)		<1	2.43	55	27	1.10	417	7.6	1.94	7.0	332	<20	<50	0.14	<1
B74857 (511101)		<1	2.39	31	19	0.86	279	8.8	1.49	3.3	68	<20	<50	0.02	<1
B74858 (511102)		<1	2.32	30	19	0.84	269	8.3	1.46	3.2	74	<20	<50	0.02	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T515542

PROJECT: AGAT00776

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019	DATE RECEIVED: Sep 09, 2019					DATE REPORTED: Oct 04, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
B74859 (511103)	<1	3.21	27	25	0.88	290	7.6	1.57	6.2	269	<20	<50	0.02	<1	
B74860 (511104)	<1	3.11	29	21	0.74	246	8.2	1.59	4.4	265	<20	<50	0.04	<1	
B74861 (511105)	<1	2.84	28	19	0.72	247	6.7	1.63	4.0	199	<20	<50	0.01	<1	
B74862 (511106)	<1	2.58	23	29	1.10	250	7.9	1.86	8.9	321	<20	<50	0.03	<1	
B74863 (511107)	<1	3.51	20	41	1.44	255	6.0	2.41	13.2	434	<20	<50	0.02	<1	
B74864 (511108)	<1	2.37	81	29	6.61	1490	5.8	1.53	193	2200	<20	<50	0.25	<1	
B74865 (511109)	<1	2.99	30	36	1.61	305	5.0	2.80	13.5	652	<20	<50	0.02	<1	
B74866 (511110)	<1	0.43	9	11	4.42	1290	1.9	2.26	101	822	<20	<50	0.10	<1	
B74867 (511111)	<1	2.92	18	19	0.70	243	6.2	2.31	7.4	140	23	<50	0.02	<1	
B74868 (511112)	<1	2.24	30	68	1.90	471	5.6	3.40	40.8	356	<20	<50	0.06	<1	
B74869 (511113)	<1	2.27	14	58	2.59	448	5.3	3.24	67.9	493	<20	<50	0.03	<1	
B74870 (511114)	<1	1.61	44	31	10.3	1390	4.3	1.18	515	1890	<20	<50	0.16	<1	
B74871 (511115)	<1	2.05	44	35	9.56	1310	4.2	1.27	471	1830	<20	<50	0.17	<1	
B74872 (511116)	<1	0.01	<2	1	1.01	86	0.9	0.03	1.2	69	<20	<50	0.10	<1	
B74873 (511117)	<1	2.41	14	43	2.07	327	2.7	2.64	16.7	409	<20	<50	0.03	<1	
B74874 (511118)	<1	2.61	13	49	2.19	353	4.8	2.75	22.4	362	<20	<50	0.02	<1	
B74875 (511119)	<1	2.63	13	28	2.04	337	4.9	2.36	17.5	336	<20	<50	0.04	<1	
B74876 (511120)	<1	2.65	13	28	1.95	375	5.8	2.31	16.9	431	<20	<50	0.04	<1	
B74877 (511121)	<1	3.10	12	24	1.31	333	4.9	2.16	12.9	175	<20	<50	0.01	<1	
B74878 (511122)	<1	2.95	12	24	1.28	342	5.5	2.09	13.3	172	<20	<50	0.01	<1	
B74879 (511123)	<1	1.95	12	35	1.52	468	8.1	2.59	19.8	393	<20	<50	0.03	<1	
B74880 (511124)	<1	2.82	14	5	0.40	180	12.4	2.07	4.2	152	<20	<50	0.03	<1	
B74881 (511125)	<1	0.93	16	4	0.42	188	13.2	2.60	2.7	142	<20	<50	0.06	<1	
B74882 (511126)	<1	2.28	17	12	0.43	177	10.3	2.17	2.8	391	<20	<50	0.02	<1	
B74883 (511127)	<1	2.48	22	35	1.52	445	5.6	2.89	16.4	866	<20	<50	0.03	<1	
B74884 (511128)	<1	2.60	38	74	2.55	574	5.5	2.52	81.8	418	<20	<50	0.02	<1	
B74885 (511129)	<1	2.58	19	20	1.10	313	6.0	2.31	10.1	378	<20	<50	0.02	<1	
B74886 (511130)	<1	0.42	9	10	4.38	1280	2.0	2.23	103	763	<20	<50	0.10	<1	
B74887 (511131)	<1	2.36	20	19	1.39	378	6.0	2.84	11.3	429	<20	<50	0.03	<1	
B74888 (511132)	<1	1.71	28	34	7.60	2480	8.4	4.08	68.5	1100	<20	<50	0.31	<1	
B74889 (511133)	<1	1.82	42	23	5.99	1330	2.7	2.88	186	843	<20	<50	0.13	<1	
B74890 (511134)	<1	2.65	62	32	9.78	2720	7.2	5.28	224	1510	24	55	0.27	<1	

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## Certificate of Analysis

AGAT WORK ORDER: 19T515542

PROJECT: AGAT00776

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019	DATE RECEIVED: Sep 09, 2019		DATE REPORTED: Oct 04, 2019		SAMPLE TYPE: Drill Core										
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
B74891 (511135)	<1	1.83	42	23	6.05	1340	2.8	2.91	189	896	<20	<50	0.12	<1	
B74892 (511136)	<1	0.02	<2	<1	2.60	89	2.0	0.05	1.4	76	<20	<50	0.05	<1	
B74893 (511137)	<1	4.02	36	44	3.57	678	3.1	3.13	123	783	<20	<50	0.01	<1	
B74894 (511138)	<1	2.75	72	60	6.88	1240	2.4	1.28	313	5730	<20	<50	0.06	<1	
B74895 (511139)	<1	3.13	36	45	1.61	333	3.6	3.12	28.3	849	<20	<50	0.02	<1	
B74896 (511140)	<1	1.52	16	11	0.68	218	7.8	2.18	5.8	169	<20	<50	0.03	<1	
B74897 (511141)	<1	2.07	17	20	0.68	271	6.6	1.88	5.6	177	<20	<50	0.03	<1	
B74898 (511142)	<1	2.07	15	20	0.68	267	7.9	1.86	5.2	185	<20	<50	0.03	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019

DATE RECEIVED: Sep 09, 2019

DATE REPORTED: Oct 04, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
B74827 (511071)	5	<10	<5	103	<10	<10	<5	0.11	<5	<50	29.9	<1	6	44.7
B74828 (511072)	7	<10	<5	146	<10	<10	<5	0.15	<5	<50	29.1	<1	8	52.1
B74829 (511073)	3	<10	<5	178	<10	<10	8	0.06	<5	<50	14.8	<1	4	29.8
B74830 (511074)	3	<10	<5	201	<10	<10	<5	0.07	<5	<50	11.3	<1	3	21.9
B74831 (511075)	5	<10	<5	207	<10	<10	<5	0.17	<5	<50	29.2	<1	4	45.1
B74832 (511076)	<1	<10	<5	63	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	2.9
B74833 (511077)	6	<10	<5	107	<10	<10	<5	0.17	<5	<50	29.9	<1	5	52.8
B74834 (511078)	5	<10	<5	143	<10	<10	<5	0.18	<5	<50	32.5	<1	5	40.1
B74835 (511079)	4	<10	<5	250	<10	<10	<5	0.15	<5	<50	29.0	<1	4	43.2
B74836 (511080)	4	<10	<5	292	<10	<10	<5	0.13	<5	<50	27.8	<1	4	45.0
B74837 (511081)	4	<10	<5	300	<10	<10	<5	0.16	<5	<50	29.8	<1	4	47.8
B74838 (511082)	4	<10	<5	291	<10	<10	<5	0.17	<5	<50	30.9	<1	3	50.6
B74839 (511083)	4	<10	<5	296	<10	<10	<5	0.16	<5	<50	28.7	<1	3	45.8
B74840 (511084)	4	<10	<5	370	<10	<10	<5	0.11	<5	<50	24.6	<1	4	33.2
B74841 (511085)	4	<10	<5	302	<10	<10	<5	0.17	<5	<50	33.3	<1	3	49.4
B74842 (511086)	4	<10	<5	279	<10	<10	<5	0.17	<5	<50	33.0	<1	3	47.3
B74843 (511087)	4	<10	<5	221	<10	<10	<5	0.16	<5	<50	30.4	<1	3	60.1
B74844 (511088)	7	<10	9	140	<10	<10	<5	0.20	<5	<50	34.8	<1	4	112
B74845 (511089)	2	<10	<5	167	<10	<10	<5	0.04	<5	<50	5.6	<1	3	28.3
B74846 (511090)	45	<10	<5	109	<10	<10	<5	0.67	<5	<50	305	<1	22	82.4
B74847 (511091)	13	<10	<5	371	<10	<10	<5	0.58	<5	<50	95.6	<1	15	85.6
B74848 (511092)	6	<10	<5	147	<10	<10	<5	0.20	<5	<50	31.9	<1	7	62.8
B74849 (511093)	8	<10	<5	146	<10	<10	<5	0.21	<5	<50	45.3	<1	6	62.9
B74850 (511094)	8	<10	<5	132	<10	<10	<5	0.21	<5	<50	47.7	<1	4	58.4
B74851 (511095)	7	<10	<5	167	<10	<10	<5	0.24	<5	<50	43.0	<1	5	88.6
B74852 (511096)	<1	<10	<5	65	<10	<10	<5	<0.01	<5	<50	0.7	<1	2	2.5
B74853 (511097)	3	<10	<5	132	<10	<10	<5	0.04	<5	<50	3.9	<1	7	28.2
B74854 (511098)	3	<10	<5	126	<10	<10	<5	0.06	<5	<50	5.8	<1	6	27.9
B74855 (511099)	2	<10	<5	121	<10	<10	<5	0.04	<5	<50	1.0	<1	6	24.7
B74856 (511100)	6	<10	<5	138	<10	<10	<5	0.15	<5	<50	23.7	<1	16	56.1
B74857 (511101)	2	<10	<5	138	<10	<10	<5	0.06	<5	<50	3.6	<1	8	33.1
B74858 (511102)	2	<10	<5	134	<10	<10	<5	0.06	<5	<50	3.4	<1	7	33.1

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## Certificate of Analysis

AGAT WORK ORDER: 19T515542

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019	DATE RECEIVED: Sep 09, 2019					DATE REPORTED: Oct 04, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
B74859 (511103)	3	<10	<5	145	<10	<10	<5	0.18	<5	<50	21.3	<1	8	47.2	
B74860 (511104)	3	<10	<5	137	<10	<10	<5	0.18	<5	<50	18.7	<1	8	36.6	
B74861 (511105)	3	<10	<5	137	<10	<10	<5	0.13	<5	<50	13.9	<1	8	32.0	
B74862 (511106)	5	<10	<5	165	<10	<10	<5	0.13	<5	<50	25.2	<1	8	38.1	
B74863 (511107)	6	<10	<5	189	<10	<10	<5	0.16	<5	<50	34.4	<1	7	60.6	
B74864 (511108)	25	<10	<5	1010	<10	<10	<5	1.83	<5	<50	306	<1	31	105	
B74865 (511109)	8	<10	<5	225	<10	<10	<5	0.31	<5	<50	55.0	<1	9	75.0	
B74866 (511110)	34	<10	<5	246	<10	<10	<5	0.86	<5	<50	241	<1	22	91.6	
B74867 (511111)	7	<10	6	135	<10	<10	10	0.12	<5	<50	20.3	<1	5	82.7	
B74868 (511112)	12	<10	8	179	<10	<10	13	0.28	<5	<50	55.9	<1	13	118	
B74869 (511113)	10	<10	<5	215	<10	<10	<5	0.36	<5	<50	61.9	<1	7	81.4	
B74870 (511114)	21	<10	<5	590	<10	<10	<5	1.96	<5	<50	250	<1	21	93.9	
B74871 (511115)	25	<10	<5	601	<10	<10	<5	1.91	<5	<50	256	<1	22	95.3	
B74872 (511116)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	5.7	
B74873 (511117)	8	<10	<5	166	<10	<10	<5	0.23	<5	<50	47.5	<1	6	65.9	
B74874 (511118)	8	<10	<5	167	<10	<10	<5	0.25	<5	<50	52.8	<1	4	68.7	
B74875 (511119)	7	<10	<5	154	<10	<10	<5	0.22	<5	<50	45.2	<1	4	65.8	
B74876 (511120)	7	<10	<5	149	<10	<10	<5	0.23	<5	<50	45.4	<1	5	71.1	
B74877 (511121)	8	<10	<5	124	<10	<10	<5	0.17	<5	<50	35.9	<1	4	66.5	
B74878 (511122)	8	<10	<5	121	<10	<10	<5	0.17	<5	<50	35.6	<1	5	64.4	
B74879 (511123)	8	<10	<5	152	<10	<10	<5	0.23	<5	<50	48.0	<1	5	95.4	
B74880 (511124)	3	<10	<5	154	<10	<10	<5	0.04	<5	<50	4.4	<1	6	19.1	
B74881 (511125)	3	<10	<5	152	<10	<10	<5	0.03	<5	<50	3.5	<1	8	19.2	
B74882 (511126)	3	<10	<5	169	<10	<10	5	0.04	<5	<50	5.3	<1	10	21.1	
B74883 (511127)	8	<10	<5	191	<10	<10	<5	0.24	<5	<50	46.9	<1	10	50.1	
B74884 (511128)	11	<10	<5	354	<10	<10	<5	0.33	<5	<50	75.5	<1	17	37.9	
B74885 (511129)	6	<10	<5	156	<10	<10	<5	0.17	<5	<50	29.5	<1	7	52.8	
B74886 (511130)	34	<10	<5	242	<10	<10	<5	0.83	<5	<50	238	<1	22	90.9	
B74887 (511131)	7	<10	<5	188	<10	<10	<5	0.24	<5	<50	46.1	<1	7	61.6	
B74888 (511132)	82	<10	<5	446	<10	<10	<5	1.63	<5	<50	611	<1	50	559	
B74889 (511133)	30	<10	<5	573	<10	<10	<5	0.83	<5	<50	249	<1	35	103	
B74890 (511134)	69	<10	6	835	<10	<10	<5	1.61	<5	<50	554	<1	63	192	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T515542

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019	DATE RECEIVED: Sep 09, 2019					DATE REPORTED: Oct 04, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Sample ID (AGAT ID)															
B74891 (511135)	30	<10	<5	580	<10	<10	<5	0.83	<5	<50	251	<1	35	104	
B74892 (511136)	<1	<10	<5	64	<10	<10	<5	<0.01	<5	<50	1.9	<1	2	2.7	
B74893 (511137)	17	<10	<5	423	<10	<10	<5	0.43	<5	<50	141	<1	27	47.5	
B74894 (511138)	32	<10	<5	1290	<10	<10	<5	0.39	<5	<50	197	<1	37	32.2	
B74895 (511139)	19	<10	<5	269	<10	<10	<5	0.29	<5	<50	80.9	<1	15	53.9	
B74896 (511140)	4	<10	<5	150	<10	<10	<5	0.07	<5	<50	9.3	<1	8	34.3	
B74897 (511141)	5	<10	<5	152	<10	<10	<5	0.09	<5	<50	16.6	<1	9	35.7	
B74898 (511142)	5	<10	<5	150	<10	<10	<5	0.09	<5	<50	16.0	<1	8	35.7	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T515542

PROJECT: AGAT00776

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019

DATE RECEIVED: Sep 09, 2019

DATE REPORTED: Oct 04, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
B74827 (511071)			109
B74828 (511072)			135
B74829 (511073)			35
B74830 (511074)			47
B74831 (511075)			68
B74832 (511076)			<5
B74833 (511077)			108
B74834 (511078)			88
B74835 (511079)			36
B74836 (511080)			34
B74837 (511081)			43
B74838 (511082)			33
B74839 (511083)			45
B74840 (511084)			29
B74841 (511085)			23
B74842 (511086)			19
B74843 (511087)			29
B74844 (511088)			65
B74845 (511089)			51
B74846 (511090)			59
B74847 (511091)			233
B74848 (511092)			80
B74849 (511093)			21
B74850 (511094)			59
B74851 (511095)			41
B74852 (511096)			<5
B74853 (511097)			79
B74854 (511098)			74
B74855 (511099)			77
B74856 (511100)			89
B74857 (511101)			82
B74858 (511102)			77

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T515542

PROJECT: AGAT00776

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019      DATE RECEIVED: Sep 09, 2019      DATE REPORTED: Oct 04, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
B74859 (511103)				94
B74860 (511104)				101
B74861 (511105)				95
B74862 (511106)				123
B74863 (511107)				152
B74864 (511108)				180
B74865 (511109)				138
B74866 (511110)				96
B74867 (511111)				123
B74868 (511112)				176
B74869 (511113)				139
B74870 (511114)				261
B74871 (511115)				271
B74872 (511116)				<5
B74873 (511117)				37
B74874 (511118)				24
B74875 (511119)				12
B74876 (511120)				50
B74877 (511121)				100
B74878 (511122)				100
B74879 (511123)				130
B74880 (511124)				55
B74881 (511125)				62
B74882 (511126)				67
B74883 (511127)				115
B74884 (511128)				164
B74885 (511129)				107
B74886 (511130)				83
B74887 (511131)				78
B74888 (511132)				229
B74889 (511133)				137
B74890 (511134)				278

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## Certificate of Analysis

AGAT WORK ORDER: 19T515542

PROJECT: AGAT00776

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019      DATE RECEIVED: Sep 09, 2019      DATE REPORTED: Oct 04, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
B74891 (511135)				151
B74892 (511136)				<5
B74893 (511137)				262
B74894 (511138)				32
B74895 (511139)				214
B74896 (511140)				67
B74897 (511141)				75
B74898 (511142)				74

Comments: RDL - Reported Detection Limit  
 511071-511142 As, Sb values may be low due to digestion losses.  
 Analysis performed at AGAT Toronto (unless marked by \*)

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## Certificate of Analysis

AGAT WORK ORDER: 19T515542

PROJECT: AGAT00776

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 08, 2019

DATE RECEIVED: Sep 09, 2019

DATE REPORTED: Oct 04, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
B74827 (511071)			0.007
B74828 (511072)			0.002
B74829 (511073)			<0.001
B74830 (511074)			<0.001
B74831 (511075)			<0.001
B74832 (511076)			<0.001
B74833 (511077)			0.002
B74834 (511078)			0.003
B74835 (511079)			0.004
B74836 (511080)			0.006
B74837 (511081)			0.007
B74838 (511082)			0.002
B74839 (511083)			0.008
B74840 (511084)			0.003
B74841 (511085)			0.002
B74842 (511086)			<0.001
B74843 (511087)			<0.001
B74844 (511088)			0.003
B74845 (511089)			0.003
B74846 (511090)			0.536
B74847 (511091)			0.002
B74848 (511092)			0.001
B74849 (511093)			<0.001
B74850 (511094)			<0.001
B74851 (511095)			<0.001
B74852 (511096)			<0.001
B74853 (511097)			0.007
B74854 (511098)			0.002
B74855 (511099)			0.002
B74856 (511100)			0.003
B74857 (511101)			0.002
B74858 (511102)			<0.001

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T515542

PROJECT: AGAT00776

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 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 08, 2019      DATE RECEIVED: Sep 09, 2019      DATE REPORTED: Oct 04, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
B74859 (511103)	<0.001		
B74860 (511104)	<0.001		
B74861 (511105)	<0.001		
B74862 (511106)	<0.001		
B74863 (511107)	0.002		
B74864 (511108)	0.001		
B74865 (511109)	0.002		
B74866 (511110)	0.331		
B74867 (511111)	<0.001		
B74868 (511112)	0.001		
B74869 (511113)	<0.001		
B74870 (511114)	0.002		
B74871 (511115)	0.002		
B74872 (511116)	<0.001		
B74873 (511117)	<0.001		
B74874 (511118)	<0.001		
B74875 (511119)	<0.001		
B74876 (511120)	0.001		
B74877 (511121)	0.011		
B74878 (511122)	0.034		
B74879 (511123)	0.005		
B74880 (511124)	0.002		
B74881 (511125)	0.019		
B74882 (511126)	0.004		
B74883 (511127)	0.003		
B74884 (511128)	0.001		
B74885 (511129)	0.001		
B74886 (511130)	0.339		
B74887 (511131)	0.001		
B74888 (511132)	<0.001		
B74889 (511133)	<0.001		
B74890 (511134)	<0.001		

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## Certificate of Analysis

AGAT WORK ORDER: 19T515542

PROJECT: AGAT00776

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FAX (905)501-0589  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 08, 2019	DATE RECEIVED: Sep 09, 2019	DATE REPORTED: Oct 04, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
B74891 (511135)			0.001
B74892 (511136)			0.001
B74893 (511137)			<0.001
B74894 (511138)			0.001
B74895 (511139)			0.002
B74896 (511140)			<0.001
B74897 (511141)			0.001
B74898 (511142)			<0.001

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T515542

PROJECT: AGAT00776

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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Sep 08, 2019	DATE RECEIVED: Sep 09, 2019	DATE REPORTED: Oct 04, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
B74827 (511071)		88.21
B74845 (511089)		88.11
B74865 (511109)		89.27
B74885 (511129)		88.84

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T515542

PROJECT: AGAT00776

5623 McADAM ROAD  
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 CANADA L4Z 1N9  
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 FAX (905)501-0589  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Sep 08, 2019      DATE RECEIVED: Sep 09, 2019      DATE REPORTED: Oct 04, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
B74827 (511071)		92
B74853 (511097)		87
B74878 (511122)		87

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	511071	0.6	0.6	0.0%	511085	< 0.5	< 0.5	0.0%	511096	< 0.5	< 0.5	0.0%	511109	< 0.5	< 0.5	0.0%
Al	511071	7.42	7.52	1.3%	511085	8.15	8.22	0.9%	511096	0.07	0.07	0.0%	511109	8.94	9.06	1.3%
As	511071	< 1	< 1	0.0%	511085	< 1	< 1	0.0%	511096	< 1	< 1	0.0%	511109	< 1	< 1	0.0%
Ba	511071	647	660	2.0%	511085	491	492	0.2%	511096	19	20	5.1%	511109	913	924	1.2%
Be	511071	2.3	2.3	0.0%	511085	0.9	0.9	0.0%	511096	< 0.5	< 0.5	0.0%	511109	1.26	1.23	2.4%
Bi	511071	< 1	< 1	0.0%	511085	< 1	< 1	0.0%	511096	< 1	< 1	0.0%	511109	< 1	< 1	0.0%
Ca	511071	0.75	0.73	2.7%	511085	1.46	1.46	0.0%	511096	27.7	28.8	3.9%	511109	2.05	2.04	0.5%
Cd	511071	< 0.5	< 0.5	0.0%	511085	< 0.5	< 0.5	0.0%	511096	< 0.5	< 0.5	0.0%	511109	< 0.5	< 0.5	0.0%
Ce	511071	29	28	3.5%	511085	29	29	0.0%	511096	< 1	< 1	0.0%	511109	64	61	4.8%
Co	511071	5.3	5.4	1.9%	511085	5.55	5.42	2.4%	511096	< 0.5	< 0.5	0.0%	511109	7.98	7.93	0.6%
Cr	511071	25.6	23.3	9.4%	511085	28.8	24.5	16.1%	511096	3.91	4.91	22.7%	511109	24.0	24.7	2.9%
Cu	511071	< 0.5	< 0.5	0.0%	511085	< 0.5	< 0.5	0.0%	511096	< 0.5	< 0.5	0.0%	511109	< 0.5	< 0.5	0.0%
Fe	511071	2.03	2.07	2.0%	511085	2.01	2.03	1.0%	511096	0.127	0.156	20.5%	511109	2.77	2.81	1.4%
Ga	511071	19	20	5.1%	511085	18	18	0.0%	511096	< 5	< 5	0.0%	511109	21	21	0.0%
In	511071	< 1	< 1	0.0%	511085	< 1	< 1	0.0%	511096	< 1	< 1	0.0%	511109	< 1	< 1	0.0%
K	511071	2.37	2.43	2.5%	511085	2.02	2.06	2.0%	511096	0.02	0.02	0.0%	511109	2.99	3.04	1.7%
La	511071	13	13	0.0%	511085	14	14	0.0%	511096	< 2	< 2	0.0%	511109	30	28	6.9%
Li	511071	24	25	4.1%	511085	37	38	2.7%	511096	2	1		511109	36	37	2.7%
Mg	511071	1.38	1.40	1.4%	511085	0.972	0.981	0.9%	511096	1.66	1.72	3.6%	511109	1.61	1.63	1.2%
Mn	511071	269	269	0.0%	511085	236	237	0.4%	511096	97	100	3.0%	511109	305	309	1.3%
Mo	511071	6.05	6.04	0.2%	511085	7.5	7.1	5.5%	511096	1.6	2.0	22.2%	511109	5.0	5.6	11.3%
Na	511071	2.63	2.62	0.4%	511085	3.42	3.36	1.8%	511096	0.03	0.03	0.0%	511109	2.80	2.79	0.4%
Ni	511071	10.3	9.34	9.8%	511085	8.6	8.5	1.2%	511096	0.7	1.0		511109	13.5	13.1	3.0%
P	511071	219	216	1.4%	511085	319	325	1.9%	511096	62	51	19.5%	511109	652	626	4.1%
Pb	511071	< 20	< 20	0.0%	511085	< 20	< 20	0.0%	511096	< 20	< 20	0.0%	511109	< 20	< 20	0.0%
Rb	511071	< 50	< 50	0.0%	511085	< 50	< 50	0.0%	511096	< 50	< 50	0.0%	511109	< 50	< 50	0.0%
S	511071	0.02	0.02	0.0%	511085	0.01	0.01	0.0%	511096	0.070	0.061	13.7%	511109	0.02	0.02	0.0%
Sb	511071	< 1	< 1	0.0%	511085	< 1	< 1	0.0%	511096	< 1	< 1	0.0%	511109	< 1	< 1	0.0%
Sc	511071	5	5	0.0%	511085	4	4	0.0%	511096	< 1	< 1	0.0%	511109	8	8	0.0%
Se	511071	< 10	< 10	0.0%	511085	< 10	< 10	0.0%	511096	< 10	< 10	0.0%	511109	< 10	< 10	0.0%
Sn	511071	< 5	< 5	0.0%	511085	< 5	< 5	0.0%	511096	< 5	< 5	0.0%	511109	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	511071	103	101	2.0%	511085	302	297	1.7%	511096	65	67	3.0%	511109	225	223	0.9%
Ta	511071	< 10	< 10	0.0%	511085	< 10	< 10	0.0%	511096	< 10	< 10	0.0%	511109	< 10	< 10	0.0%
Te	511071	< 10	< 10	0.0%	511085	< 10	< 10	0.0%	511096	< 10	< 10	0.0%	511109	< 10	< 10	0.0%
Th	511071	< 5	< 5	0.0%	511085	< 5	< 5	0.0%	511096	< 5	< 5	0.0%	511109	< 5	< 5	0.0%
Ti	511071	0.113	0.115	1.8%	511085	0.175	0.176	0.6%	511096	< 0.01	< 0.01	0.0%	511109	0.31	0.31	0.0%
Tl	511071	< 5	< 5	0.0%	511085	< 5	< 5	0.0%	511096	< 5	< 5	0.0%	511109	< 5	< 5	0.0%
U	511071	< 50	< 50	0.0%	511085	< 50	< 50	0.0%	511096	< 50	< 50	0.0%	511109	< 50	< 50	0.0%
V	511071	29.9	30.1	0.7%	511085	33.3	33.3	0.0%	511096	0.73	0.96	27.2%	511109	55.0	54.4	1.1%
W	511071	< 1	< 1	0.0%	511085	< 1	< 1	0.0%	511096	< 1	< 1	0.0%	511109	< 1	< 1	0.0%
Y	511071	6	6	0.0%	511085	3	3	0.0%	511096	2	2	0.0%	511109	9	9	0.0%
Zn	511071	44.7	46.2	3.3%	511085	49.4	49.3	0.2%	511096	2.55	3.02	16.9%	511109	75.0	73.9	1.5%
Zr	511071	109	111	1.8%	511085	23	22	4.4%	511096	< 5	< 5	0.0%	511109	138	139	0.7%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	511121	< 0.5	< 0.5	0.0%	511135	< 0.5	< 0.5	0.0%								
Al	511121	8.05	7.95	1.3%	511135	4.73	4.62	2.4%								
As	511121	< 1	< 1	0.0%	511135	< 1	< 1	0.0%								
Ba	511121	454	437	3.8%	511135	591	580	1.9%								
Be	511121	0.7	0.7	0.0%	511135	2.56	2.54	0.8%								
Bi	511121	< 1	< 1	0.0%	511135	< 1	< 1	0.0%								
Ca	511121	1.07	1.05	1.9%	511135	6.76	6.56	3.0%								
Cd	511121	< 0.5	< 0.5	0.0%	511135	< 0.5	< 0.5	0.0%								
Ce	511121	25	24	4.1%	511135	91	90	1.1%								
Co	511121	6.40	6.22	2.9%	511135	44.9	44.2	1.6%								
Cr	511121	25.3	26.3	3.9%	511135	215	219	1.8%								
Cu	511121	< 0.5	< 0.5	0.0%	511135	62.1	59.7	3.9%								
Fe	511121	2.06	2.03	1.5%	511135	8.00	7.79	2.7%								
Ga	511121	22	21	4.7%	511135	14	14	0.0%								
In	511121	< 1	< 1	0.0%	511135	< 1	< 1	0.0%								
K	511121	3.10	3.09	0.3%	511135	1.83	1.79	2.2%								
La	511121	12	12	0.0%	511135	42	43	2.4%								
Li	511121	24	24	0.0%	511135	23	23	0.0%								
Mg	511121	1.31	1.30	0.8%	511135	6.05	5.93	2.0%								
Mn	511121	333	329	1.2%	511135	1340	1310	2.3%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	511121	4.9	4.9	0.0%	511135	2.83	2.74	3.2%								
Na	511121	2.16	2.12	1.9%	511135	2.91	2.82	3.1%								
Ni	511121	12.9	12.9	0.0%	511135	189	188	0.5%								
P	511121	175	178	1.7%	511135	896	882	1.6%								
Pb	511121	< 20	< 20	0.0%	511135	< 20	< 20	0.0%								
Rb	511121	< 50	< 50	0.0%	511135	< 50	< 50	0.0%								
S	511121	0.01	0.01	0.0%	511135	0.12	0.12	0.0%								
Sb	511121	< 1	< 1	0.0%	511135	< 1	< 1	0.0%								
Sc	511121	8	8	0.0%	511135	30	30	0.0%								
Se	511121	< 10	< 10	0.0%	511135	< 10	< 10	0.0%								
Sn	511121	< 5	< 5	0.0%	511135	< 5	< 5	0.0%								
Sr	511121	124	120	3.3%	511135	580	566	2.4%								
Ta	511121	< 10	< 10	0.0%	511135	< 10	< 10	0.0%								
Te	511121	< 10	< 10	0.0%	511135	< 10	< 10	0.0%								
Th	511121	< 5	< 5	0.0%	511135	< 5	< 5	0.0%								
Ti	511121	0.17	0.17	0.0%	511135	0.828	0.809	2.3%								
Tl	511121	< 5	< 5	0.0%	511135	< 5	< 5	0.0%								
U	511121	< 50	< 50	0.0%	511135	< 50	< 50	0.0%								
V	511121	35.9	35.4	1.4%	511135	251	249	0.8%								
W	511121	< 1	< 1	0.0%	511135	< 1	< 1	0.0%								
Y	511121	4	4	0.0%	511135	35	35	0.0%								
Zn	511121	66.5	66.7	0.3%	511135	104	101	2.9%								
Zr	511121	100	100	0.0%	511135	151	149	1.3%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	511071	0.007	0.006	15.4%	511085	0.002	0.002	0.0%	511096	< 0.001	0.002		511109	0.002	0.001	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	511121	0.011	0.005		511135	0.001	< 0.001									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GSP7M)				CRM #2 (ref.GS4H)				CRM #3 (ref.GS6F)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	2.72	90%	90% - 110%
Al	10.95	11.09	101%	90% - 110%	8.17	8.33	102%	90% - 110%	6.96	7.05	101%	90% - 110%	4.75	4.94	104%	90% - 110%
As					26	25	96%	90% - 110%	124	121	97%	90% - 110%				
Ba	340	326	96%	90% - 110%	540	506	94%	90% - 110%	186	182	98%	90% - 110%	216	216	100%	90% - 110%
Be	2.6	2.6	101%	90% - 110%	4.0	3.3	83%	90% - 110%								
Ca	5.72	5.54	97%	90% - 110%	0.907	0.869	96%	90% - 110%	4.01	3.83	96%	90% - 110%	10	9	90%	90% - 110%
Ce	122	120	98%	90% - 110%	98	102	104%	90% - 110%	24	24	100%	90% - 110%				
Co									22.1	20.8	94%	90% - 110%	191	174	91%	90% - 110%
Cr					60.3	63.6	106%	90% - 110%					670	627	93%	90% - 110%
Cu					150	146	97%	90% - 110%	88.6	81.6	92%	90% - 110%	7120	7162	101%	90% - 110%
Fe	4.34	4.03	93%	90% - 110%	3.77	3.62	96%	90% - 110%	7.56	7.23	96%	90% - 110%	12.71	11.7	92%	90% - 110%
Ga	35	35	99%	90% - 110%												
K	1.37	1.42	104%	90% - 110%					2.021	2.034	101%	90% - 110%	0.1021	0.1122	110%	90% - 110%
La	58	56	97%	90% - 110%	44	43	97%	90% - 110%					8.47	8.05	95%	90% - 110%
Li	37	39	105%	90% - 110%	47	47	100%	90% - 110%								
Mg	0.325	0.301	93%	90% - 110%	1.10	1.1	100%	90% - 110%	2.412	2.478	103%	90% - 110%	7.41	7.55	102%	90% - 110%
Mn					780	749	96%	90% - 110%	1510	1445	96%	90% - 110%				
Mo					14	14	99%	90% - 110%					2.49	3	120%	90% - 110%
Na	5.267	5.278	100%	90% - 110%	1.624	1.629	100%	90% - 110%	0.617	0.603	98%	90% - 110%	0.112	0.122	109%	90% - 110%
Ni					32	31	97%	90% - 110%	77.1	69.9	91%	90% - 110%	2480	2329	93%	90% - 110%
P					750	694	93%	90% - 110%	892	805	90%	90% - 110%	731	658	90%	90% - 110%
Pb	10	9	90%	90% - 110%	31	28	91%	90% - 110%								
S									0.348	0.343	99%	90% - 110%				
Sc	1.1	1	91%	90% - 110%	12	12	104%	90% - 110%					21.33	21.27	100%	90% - 110%
Sr	1191	1150	97%	90% - 110%	144	149	104%	90% - 110%	92.8	87.6	94%	90% - 110%	39	38	97%	90% - 110%
Ti	0.172	0.17	99%	90% - 110%	0.53	0.48	91%	90% - 110%					0.419	0.405	97%	90% - 110%
V	8	8	94%	90% - 110%	77	80	104%	90% - 110%					158	164	104%	90% - 110%
Y	119	126	106%	90% - 110%									12.67	13.11	103%	90% - 110%
Zn	93	95	102%	90% - 110%	130	126	97%	90% - 110%	208	212	102%	90% - 110%	112	117	105%	90% - 110%
Zr													35.7	38.6	108%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GSP7M)				CRM #2 (ref.GS4H)				CRM #3 (ref.GS6F)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.725	0.73	101%	90% - 110%	5.01	4.86	97%	90% - 110%	6.87	6.88	100%	90% - 110%				

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19T515542

PROJECT: AGAT00776

ATTENTION TO: Craig Yuill

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00777

AGAT WORK ORDER: 19T515553

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 24, 2019

PAGES (INCLUDING COVER): 11

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.





## Certificate of Analysis

AGAT WORK ORDER: 19T515553

PROJECT: AGAT00777

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 08, 2019      DATE RECEIVED: Sep 09, 2019      DATE REPORTED: Sep 24, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
B74899 (511175)		2.24
B74900 (511176)		2.33
B74901 (511177)		2.21
B74902 (511178)		2.19
B74903 (511179)		2.21
B74904 (511180)		2.20
B74905 (511181)		0.83
B74906 (511182)		0.07
B74907 (511183)		1.42
B74908 (511184)		1.91
B74909 (511185)		1.44
B74910 (511186)		1.44

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T515553

PROJECT: AGAT00777

5623 McADAM ROAD  
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TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019		DATE RECEIVED: Sep 09, 2019						DATE REPORTED: Sep 24, 2019					SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	
		0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
B74899 (511175)		<0.5	7.52	<1	588	0.6	<1	1.57	<0.5	29	10.3	29.4	0.6	2.58	20	
B74900 (511176)		<0.5	7.92	<1	650	0.8	<1	2.20	<0.5	40	9.1	25.9	<0.5	2.62	22	
B74901 (511177)		<0.5	7.96	<1	600	1.1	<1	2.13	<0.5	36	9.3	32.6	<0.5	2.87	23	
B74902 (511178)		<0.5	7.86	<1	686	0.9	<1	2.41	<0.5	43	10.3	32.5	6.7	2.92	22	
B74903 (511179)		<0.5	8.41	<1	870	0.7	<1	2.27	<0.5	49	11.2	27.9	1.1	3.05	22	
B74904 (511180)		<0.5	8.33	<1	829	0.6	<1	2.02	<0.5	48	10.8	25.1	4.8	3.03	23	
B74905 (511181)		<0.5	8.35	<1	609	0.9	<1	1.77	<0.5	46	7.6	23.9	<0.5	2.30	23	
B74906 (511182)		<0.5	7.54	<1	193	<0.5	<1	6.26	<0.5	18	46.2	172	97.7	7.71	23	
B74907 (511183)		<0.5	8.63	<1	825	0.9	<1	2.04	<0.5	50	11.2	28.5	1.9	3.04	24	
B74908 (511184)		<0.5	8.28	<1	573	0.7	<1	1.76	<0.5	54	11.5	24.5	44.9	2.99	23	
B74909 (511185)		<0.5	8.23	<1	514	0.7	<1	1.64	<0.5	51	11.1	24.9	8.5	3.07	23	
B74910 (511186)		<0.5	7.37	<1	307	1.4	<1	1.90	<0.5	58	8.4	30.6	<0.5	3.82	25	
Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Rb ppm	S %	Sb ppm	
		1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
B74899 (511175)		<1	3.35	15	31	1.64	432	7.6	1.76	15.4	448	<20	<50	0.03	<1	
B74900 (511176)		<1	1.97	21	37	1.36	430	6.3	2.19	10.5	464	<20	<50	0.02	<1	
B74901 (511177)		<1	2.29	19	45	1.53	443	8.1	2.39	12.2	519	<20	<50	0.01	<1	
B74902 (511178)		<1	1.82	21	38	1.38	407	8.3	2.27	12.7	606	<20	<50	0.02	<1	
B74903 (511179)		<1	2.36	24	41	1.51	374	6.1	2.36	12.5	681	<20	<50	0.02	<1	
B74904 (511180)		<1	2.68	23	45	1.57	370	5.8	2.26	12.1	826	<20	<50	0.02	<1	
B74905 (511181)		<1	3.18	23	31	1.06	299	5.8	2.49	8.4	389	<20	<50	<0.01	<1	
B74906 (511182)		<1	0.42	11	10	4.23	1330	<0.5	2.24	115	826	<20	<50	0.08	<1	
B74907 (511183)		<1	2.40	25	42	1.58	376	6.1	2.73	12.5	694	<20	<50	0.02	<1	
B74908 (511184)		<1	2.30	25	39	1.57	346	5.3	2.80	12.0	739	<20	<50	0.08	<1	
B74909 (511185)		<1	2.51	25	44	1.48	369	5.4	2.86	11.7	689	<20	<50	0.02	<1	
B74910 (511186)		<1	2.04	28	29	1.09	405	6.6	2.67	10.8	462	<20	<50	0.02	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T515553

PROJECT: AGAT00777

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019	DATE RECEIVED: Sep 09, 2019	DATE REPORTED: Sep 24, 2019	SAMPLE TYPE: Drill Core												
	Analyte: Sc Se Sn Sr Ta Te Th Ti Tl U V W Y Zn														
	Unit: ppm ppm ppm ppm ppm ppm ppm % ppm ppm ppm ppm ppm ppm ppm														
Sample ID (AGAT ID)	RDL: 1 10 5 1 10 10 5 0.01 5 50 0.5 1 1 0.5														
B74899 (511175)	7 <10 <5 140 <10 <10 <5 0.22 <5 <50 41.8 <1 6 88.0														
B74900 (511176)	6 <10 <5 150 <10 <10 <5 0.26 <5 <50 37.9 <1 8 68.6														
B74901 (511177)	6 <10 <5 157 <10 <10 <5 0.26 <5 <50 37.9 <1 8 75.2														
B74902 (511178)	7 <10 <5 170 <10 <10 <5 0.27 <5 <50 44.3 <1 8 53.3														
B74903 (511179)	7 <10 <5 213 <10 <10 <5 0.30 <5 <50 48.8 <1 8 52.6														
B74904 (511180)	7 <10 <5 211 <10 <10 <5 0.30 <5 <50 49.3 <1 9 52.4														
B74905 (511181)	6 <10 <5 193 <10 <10 <5 0.21 <5 <50 32.2 <1 6 78.2														
B74906 (511182)	36 <10 <5 247 <10 <10 <5 0.83 <5 <50 252 <1 23 87.4														
B74907 (511183)	7 <10 <5 242 <10 <10 <5 0.30 <5 <50 51.0 <1 8 48.8														
B74908 (511184)	7 <10 <5 252 <10 <10 <5 0.31 <5 <50 51.7 <1 8 53.3														
B74909 (511185)	7 <10 <5 252 <10 <10 <5 0.30 <5 <50 51.1 <1 7 73.1														
B74910 (511186)	7 <10 <5 168 <10 <10 <5 0.19 <5 <50 40.4 <1 8 96.3														
	Analyte: Zr														
	Unit: ppm														
Sample ID (AGAT ID)	RDL: 5														
B74899 (511175)	85														
B74900 (511176)	85														
B74901 (511177)	76														
B74902 (511178)	97														
B74903 (511179)	109														
B74904 (511180)	101														
B74905 (511181)	68														
B74906 (511182)	82														
B74907 (511183)	101														
B74908 (511184)	80														
B74909 (511185)	75														
B74910 (511186)	136														

Comments: RDL - Reported Detection Limit  
511175-511186 As, Sb values may be low due to digestion losses.  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T515553

PROJECT: AGAT00777

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 08, 2019      DATE RECEIVED: Sep 09, 2019      DATE REPORTED: Sep 24, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
B74899 (511175)			0.008
B74900 (511176)			0.001
B74901 (511177)			0.001
B74902 (511178)			<0.001
B74903 (511179)			0.001
B74904 (511180)			0.001
B74905 (511181)			<0.001
B74906 (511182)			0.321
B74907 (511183)			0.002
B74908 (511184)			0.001
B74909 (511185)			0.002
B74910 (511186)			0.002

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T515553

PROJECT: AGAT00777

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Sep 08, 2019

DATE RECEIVED: Sep 09, 2019

DATE REPORTED: Sep 24, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL: 0.01
B74899 (511175)	89.58

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T515553

PROJECT: AGAT00777

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Sep 08, 2019	DATE RECEIVED: Sep 09, 2019	DATE REPORTED: Sep 24, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Analyte:	Pass %
Unit:	%
RDL:	0.01
Sample ID (AGAT ID)	
B74899 (511175)	93.9

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	511175	< 0.5	< 0.5	0.0%	511186	< 0.5	< 0.5	0.0%								
Al	511175	7.52	7.60	1.1%	511186	7.37	7.10	3.7%								
As	511175	< 1	< 1	0.0%	511186	< 1	< 1	0.0%								
Ba	511175	588	585	0.5%	511186	307	292	5.0%								
Be	511175	0.6	0.7	15.4%	511186	1.36	1.27	6.8%								
Bi	511175	< 1	< 1	0.0%	511186	< 1	< 1	0.0%								
Ca	511175	1.57	1.66	5.6%	511186	1.90	1.79	6.0%								
Cd	511175	< 0.5	< 0.5	0.0%	511186	< 0.5	< 0.5	0.0%								
Ce	511175	29	29	0.0%	511186	58	55	5.3%								
Co	511175	10.3	10.8	4.7%	511186	8.36	7.95	5.0%								
Cr	511175	29.4	29.9	1.7%	511186	30.6	28.0	8.9%								
Cu	511175	0.6	< 0.5		511186	< 0.5	< 0.5	0.0%								
Fe	511175	2.58	2.56	0.8%	511186	3.82	3.70	3.2%								
Ga	511175	20	22	9.5%	511186	25	25	0.0%								
In	511175	< 1	< 1	0.0%	511186	< 1	< 1	0.0%								
K	511175	3.35	3.36	0.3%	511186	2.04	1.98	3.0%								
La	511175	15	15	0.0%	511186	28	26	7.4%								
Li	511175	31	32	3.2%	511186	29	28	3.5%								
Mg	511175	1.64	1.66	1.2%	511186	1.09	1.05	3.7%								
Mn	511175	432	423	2.1%	511186	405	390	3.8%								
Mo	511175	7.58	6.22	19.7%	511186	6.6	6.2	6.3%								
Na	511175	1.76	1.77	0.6%	511186	2.67	2.52	5.8%								
Ni	511175	15.4	16.0	3.8%	511186	10.8	10.4	3.8%								
P	511175	448	461	2.9%	511186	462	449	2.9%								
Pb	511175	< 20	< 20	0.0%	511186	< 20	< 20	0.0%								
Rb	511175	< 50	< 50	0.0%	511186	< 50	< 50	0.0%								
S	511175	0.03	0.02		511186	0.016	0.014	13.3%								
Sb	511175	< 1	< 1	0.0%	511186	< 1	< 1	0.0%								
Sc	511175	7	7	0.0%	511186	7	7	0.0%								
Se	511175	< 10	< 10	0.0%	511186	< 10	< 10	0.0%								
Sn	511175	< 5	< 5	0.0%	511186	< 5	< 5	0.0%								







CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)													
	Expect	Actual	Recovery	Limits										
Al	10.95	11.49	105%	90% - 110%										
Ba	340	345	101%	90% - 110%										
Be	2.6	2.6	101%	90% - 110%										
Ca	5.72	5.55	97%	90% - 110%										
Ce	122	114	93%	90% - 110%										
Co	2.8	2.6	91%	90% - 110%										
Fe	4.34	4.25	98%	90% - 110%										
Ga	35	36	103%	90% - 110%										
K	1.37	1.4	102%	90% - 110%										
La	58	53	92%	90% - 110%										
Li	37	40	108%	90% - 110%										
Mg	0.325	0.311	96%	90% - 110%										
Na	5.267	5.323	101%	90% - 110%										
Sc	1.1	0.9	83%	90% - 110%										
Sr	1191	1204	101%	90% - 110%										
Ti	0.172	0.176	102%	90% - 110%										
Y	119	119	100%	90% - 110%										
Zn	93	93	100%	90% - 110%										

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS6F)													
	Expect	Actual	Recovery	Limits										
Au	6.87	6.84	100%	90% - 110%										

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19T515553

PROJECT: AGAT00777

ATTENTION TO: Craig Yuill

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00779

AGAT WORK ORDER: 19T515564

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 30, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T515564

PROJECT: AGAT00779

5623 McADAM ROAD  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 08, 2019      DATE RECEIVED: Sep 09, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D73815 (511254)		2.29
D73816 (511255)		2.42
D73817 (511256)		2.60
D73818 (511257)		2.60
D73819 (511258)		2.49
D73820 (511259)		2.70
D73821 (511260)		2.51
D73822 (511261)		2.69
D73823 (511262)		2.61
D73824 (511263)		2.84
D73825 (511264)		2.52
D73826 (511265)		0.07
D73827 (511266)		2.59
D73828 (511267)		2.34
D73829 (511268)		2.65
D73830 (511269)		2.64
D73831 (511270)		2.33
D73832 (511271)		0.69
D73833 (511272)		0.59
D73834 (511273)		2.58
D73835 (511274)		2.60
D73836 (511275)		2.53
D73837 (511276)		2.47
D73838 (511277)		2.47
D73839 (511278)		3.41
D73840 (511279)		2.31
D73841 (511280)		1.66
D73842 (511281)		0.75
D73843 (511282)		1.01
D73844 (511283)		2.56
D73845 (511284)		2.39

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T515564

PROJECT: AGAT00779

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 08, 2019      DATE RECEIVED: Sep 09, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D73846 (511285)		0.07
D73847 (511286)		2.56
D73848 (511287)		2.43
D73849 (511288)		2.28
D73850 (511289)		1.03
D73851 (511290)		2.04
D73852 (511291)		0.63
D73853 (511292)		1.85
D73854 (511293)		2.17
D73855 (511294)		1.99
D73856 (511295)		2.19
D73857 (511296)		2.15
D73858 (511297)		2.15
D73859 (511298)		2.22
D73860 (511299)		2.70
D73861 (511300)		0.72
D73862 (511301)		2.06
D73863 (511302)		0.72
D73864 (511303)		2.11
D73865 (511304)		2.52
D73866 (511305)		0.07
D73867 (511306)		2.34
D73868 (511307)		2.50
D73869 (511308)		1.72
D73870 (511309)		0.75
D73871 (511310)		2.13
D73872 (511311)		0.62
D73873 (511312)		2.32
D73874 (511313)		2.31
D73875 (511314)		2.40
D73876 (511315)		2.38

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T515564

PROJECT: AGAT00779

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Sep 08, 2019

DATE RECEIVED: Sep 09, 2019

DATE REPORTED: Sep 30, 2019


SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D73877 (511316)		1.75
D73878 (511317)		1.75
D73879 (511318)		2.20
D73880 (511319)		2.18
D73881 (511320)		2.47
D73882 (511321)		2.50
D73883 (511322)		3.05
D73884 (511323)		2.55
D73885 (511324)		2.14
D73886 (511325)		0.07

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T515564

PROJECT: AGAT00779

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CANADA L4Z 1N9  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019	DATE RECEIVED: Sep 09, 2019							DATE REPORTED: Sep 30, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D73815 (511254)	<0.5	5.57	<1	343	1.1	<1	5.42	<0.5	57	28.8	149	44.2	10.4	24	
D73816 (511255)	<0.5	6.15	<1	79	0.6	<1	3.93	<0.5	27	20.2	24.7	6.6	9.88	24	
D73817 (511256)	<0.5	6.10	<1	82	0.8	<1	4.33	<0.5	25	21.9	26.7	7.8	10.1	24	
D73818 (511257)	<0.5	6.22	<1	83	0.9	<1	4.42	<0.5	25	22.8	28.2	8.0	10.3	23	
D73819 (511258)	<0.5	6.18	<1	94	1.0	<1	4.61	<0.5	26	26.1	25.0	23.7	10.5	24	
D73820 (511259)	<0.5	6.16	<1	162	0.8	<1	5.03	<0.5	40	28.6	83.9	41.0	10.9	24	
D73821 (511260)	<0.5	6.54	<1	81	0.6	<1	4.38	<0.5	22	27.2	14.8	17.3	11.0	25	
D73822 (511261)	<0.5	6.57	<1	67	0.5	<1	4.53	<0.5	23	27.3	12.9	9.3	10.6	24	
D73823 (511262)	<0.5	6.53	<1	48	<0.5	<1	4.50	<0.5	21	26.7	12.3	9.3	10.6	24	
D73824 (511263)	<0.5	6.45	<1	45	0.6	<1	4.55	<0.5	18	30.6	12.2	16.4	10.2	23	
D73825 (511264)	<0.5	6.74	<1	53	0.6	<1	5.71	<0.5	20	23.6	9.3	<0.5	9.58	25	
D73826 (511265)	<0.5	7.37	<1	181	0.6	<1	6.25	<0.5	21	36.5	162	105	7.48	18	
D73827 (511266)	<0.5	6.59	<1	92	0.5	<1	6.04	<0.5	19	29.0	10.0	<0.5	10.6	25	
D73828 (511267)	<0.5	6.50	<1	145	0.5	<1	5.45	<0.5	20	30.3	11.6	1.1	10.4	24	
D73829 (511268)	<0.5	6.79	<1	92	0.6	<1	4.29	<0.5	43	32.3	14.0	34.5	10.4	24	
D73830 (511269)	<0.5	6.80	<1	151	0.6	<1	4.84	<0.5	16	36.7	19.7	82.8	10.4	23	
D73831 (511270)	<0.5	6.58	<1	119	1.3	<1	4.69	<0.5	22	35.2	25.3	87.7	11.0	25	
D73832 (511271)	<0.5	0.06	1	20	<0.5	<1	31.0	<0.5	<1	1.1	9.8	<0.5	0.23	<5	
D73833 (511272)	<0.5	7.26	<1	196	0.7	<1	3.98	<0.5	20	35.3	19.3	83.0	11.1	26	
D73834 (511273)	<0.5	6.45	<1	51	0.6	<1	4.62	<0.5	17	37.8	17.0	135	11.0	23	
D73835 (511274)	<0.5	6.68	<1	47	0.8	<1	5.49	<0.5	18	37.8	19.1	73.1	10.3	25	
D73836 (511275)	<0.5	7.36	<1	346	1.0	<1	4.54	<0.5	34	24.6	41.2	88.8	6.34	20	
D73837 (511276)	<0.5	7.36	<1	240	0.5	<1	5.50	<0.5	21	26.1	230	44.1	7.40	19	
D73838 (511277)	<0.5	7.28	<1	236	<0.5	<1	5.37	<0.5	20	27.4	228	43.0	7.26	20	
D73839 (511278)	<0.5	7.06	<1	230	0.5	<1	5.70	<0.5	36	27.6	148	60.6	7.18	19	
D73840 (511279)	<0.5	8.11	<1	492	0.8	<1	2.85	<0.5	45	7.8	21.5	3.9	2.40	18	
D73841 (511280)	<0.5	7.96	<1	574	0.8	<1	3.35	<0.5	85	9.3	27.2	6.8	2.88	18	
D73842 (511281)	<0.5	7.31	<1	367	0.7	<1	5.93	<0.5	82	27.8	99.5	50.8	6.50	18	
D73843 (511282)	<0.5	7.50	1	456	0.8	<1	3.25	<0.5	49	9.3	33.8	69.6	2.86	17	
D73844 (511283)	<0.5	7.14	<1	370	0.9	<1	5.74	<0.5	32	35.0	149	57.8	7.44	18	
D73845 (511284)	<0.5	7.26	<1	244	0.6	<1	6.49	<0.5	53	34.5	211	52.3	7.44	18	
D73846 (511285)	<0.5	7.19	<1	138	<0.5	<1	6.64	<0.5	10	38.9	174	152	7.73	17	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T515564

PROJECT: AGAT00779

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019	DATE RECEIVED: Sep 09, 2019							DATE REPORTED: Sep 30, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D73847 (511286)	<0.5	7.13	<1	303	<0.5	<1	6.08	<0.5	35	38.0	262	60.7	7.99	19	
D73848 (511287)	<0.5	7.14	<1	339	0.9	<1	6.34	<0.5	58	36.4	168	89.8	7.72	19	
D73849 (511288)	<0.5	7.87	<1	500	0.7	<1	3.11	<0.5	52	7.6	24.2	10.3	2.92	18	
D73850 (511289)	<0.5	7.48	<1	222	0.8	<1	4.64	<0.5	25	30.1	102	32.6	7.75	19	
D73851 (511290)	<0.5	7.13	<1	469	1.0	<1	4.50	<0.5	45	15.5	159	47.2	3.43	16	
D73852 (511291)	<0.5	0.07	2	16	<0.5	<1	30.2	<0.5	<1	<0.5	9.6	<0.5	0.16	<5	
D73853 (511292)	<0.5	7.50	<1	431	1.0	<1	2.45	<0.5	57	5.3	21.5	13.2	2.08	18	
D73854 (511293)	<0.5	7.58	1	481	0.9	<1	2.29	<0.5	48	6.2	30.0	20.5	2.23	17	
D73855 (511294)	<0.5	7.62	<1	575	1.2	<1	6.50	<0.5	27	33.0	231	99.8	6.47	17	
D73856 (511295)	<0.5	7.87	1	443	0.9	<1	2.37	<0.5	56	6.3	24.9	12.8	2.17	18	
D73857 (511296)	<0.5	7.62	<1	445	1.1	<1	2.29	<0.5	55	6.4	26.8	10.2	2.16	18	
D73858 (511297)	<0.5	7.68	1	441	1.0	<1	2.15	<0.5	55	6.0	24.6	10.4	2.11	17	
D73859 (511298)	<0.5	7.92	<1	513	0.9	<1	1.99	<0.5	55	5.0	21.9	1.7	2.09	18	
D73860 (511299)	<0.5	7.89	<1	433	0.9	<1	2.74	<0.5	45	7.9	24.7	25.6	2.36	18	
D73861 (511300)	<0.5	7.50	<1	147	<0.5	<1	6.54	<0.5	18	25.9	52.6	123	6.57	17	
D73862 (511301)	<0.5	8.61	<1	424	0.8	<1	4.93	<0.5	27	15.0	43.4	41.4	3.83	19	
D73863 (511302)	<0.5	6.77	<1	93	<0.5	<1	6.08	<0.5	46	54.4	236	40.6	8.48	18	
D73864 (511303)	<0.5	3.77	<1	680	1.7	<1	7.57	<0.5	115	50.5	439	109	9.32	19	
D73865 (511304)	<0.5	7.03	<1	204	1.0	<1	6.58	<0.5	42	43.5	173	50.5	8.78	20	
D73866 (511305)	<0.5	7.39	<1	178	0.5	<1	6.19	<0.5	21	36.3	182	102	7.42	18	
D73867 (511306)	<0.5	7.59	<1	199	0.7	<1	6.08	<0.5	38	36.7	126	55.5	8.99	20	
D73868 (511307)	<0.5	7.68	<1	297	0.6	<1	5.82	<0.5	33	36.7	130	53.9	8.84	21	
D73869 (511308)	<0.5	7.92	1	551	0.9	<1	3.14	<0.5	46	7.5	22.2	11.0	2.58	17	
D73870 (511309)	<0.5	7.50	<1	362	2.0	<1	5.24	<0.5	30	25.8	93.3	37.9	5.43	17	
D73871 (511310)	<0.5	7.63	<1	183	1.6	<1	6.19	<0.5	15	37.4	123	113	7.83	20	
D73872 (511311)	<0.5	0.07	<1	11	<0.5	<1	29.0	<0.5	<1	0.6	12.0	<0.5	0.22	<5	
D73873 (511312)	<0.5	7.47	<1	200	0.7	<1	6.33	<0.5	12	38.8	123	83.1	8.01	20	
D73874 (511313)	<0.5	7.90	<1	81	0.5	<1	6.13	<0.5	13	39.1	127	93.1	8.36	22	
D73875 (511314)	<0.5	7.51	<1	63	0.8	<1	6.08	<0.5	12	37.9	120	77.6	7.74	20	
D73876 (511315)	<0.5	7.77	<1	211	0.6	<1	5.77	<0.5	22	41.4	146	82.2	7.82	22	
D73877 (511316)	<0.5	8.09	<1	198	0.6	<1	4.61	<0.5	14	41.8	137	82.6	8.20	23	
D73878 (511317)	<0.5	8.02	<1	187	0.6	<1	4.57	<0.5	14	44.0	133	87.9	8.21	24	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T515564

PROJECT: AGAT00779

5623 McADAM ROAD  
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 TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019		DATE RECEIVED: Sep 09, 2019						DATE REPORTED: Sep 30, 2019				SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
		0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5
D73879 (511318)		<0.5	7.86	1	687	1.0	<1	1.76	<0.5	55	7.2	30.9	8.5	2.57	18
D73880 (511319)		<0.5	7.93	1	797	0.8	<1	1.70	<0.5	58	5.3	28.3	<0.5	2.31	18
D73881 (511320)		<0.5	8.43	<1	142	0.6	<1	5.40	<0.5	18	49.4	152	125	9.13	24
D73882 (511321)		<0.5	8.10	<1	114	0.6	<1	4.98	<0.5	16	73.2	155	157	10.5	24
D73883 (511322)		<0.5	8.71	<1	74	<0.5	<1	5.39	<0.5	16	44.6	156	85.0	8.01	25
D73884 (511323)		<0.5	8.35	<1	157	0.6	<1	5.91	<0.5	22	41.1	136	54.9	6.85	21
D73885 (511324)		<0.5	7.48	<1	511	1.1	<1	2.69	<0.5	37	6.7	33.1	8.6	2.30	16
D73886 (511325)		<0.5	7.14	<1	140	<0.5	<1	6.84	<0.5	9	39.2	176	157	7.98	16

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019	DATE RECEIVED: Sep 09, 2019					DATE REPORTED: Sep 30, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D73815 (511254)	<1	0.68	24	23	2.79	1670	9.4	1.72	48.1	1370	<20	<50	0.15	<1	
D73816 (511255)	<1	0.46	9	14	1.34	1540	5.8	1.82	2.9	753	<20	<50	0.11	<1	
D73817 (511256)	<1	0.28	8	19	1.34	1510	5.5	1.96	3.7	704	<20	<50	0.15	<1	
D73818 (511257)	<1	0.29	8	19	1.36	1540	6.5	2.00	3.4	719	<20	<50	0.15	<1	
D73819 (511258)	<1	0.19	9	18	1.50	1610	5.0	1.84	3.0	805	<20	<50	0.18	<1	
D73820 (511259)	<1	0.37	15	22	2.46	1780	4.7	1.89	24.1	1080	20	<50	0.19	<1	
D73821 (511260)	<1	0.12	7	19	1.72	1720	4.1	1.99	1.2	729	<20	<50	0.11	<1	
D73822 (511261)	<1	0.11	7	21	1.99	1750	3.9	2.00	0.6	717	<20	<50	0.12	<1	
D73823 (511262)	<1	0.08	6	24	2.15	1770	3.4	2.11	1.1	687	<20	<50	0.11	<1	
D73824 (511263)	<1	0.07	5	26	2.23	1470	3.6	2.37	2.6	529	<20	<50	0.10	<1	
D73825 (511264)	<1	0.06	7	21	1.88	1270	2.6	2.41	4.5	602	<20	<50	0.03	<1	
D73826 (511265)	<1	0.44	9	11	4.39	1290	2.1	2.32	103	866	<20	<50	0.09	<1	
D73827 (511266)	<1	0.06	6	22	1.95	1310	3.4	2.27	5.9	696	<20	<50	0.03	<1	
D73828 (511267)	<1	0.06	6	22	2.05	1450	3.5	2.13	5.5	596	<20	<50	0.05	<1	
D73829 (511268)	<1	0.17	17	25	2.56	1550	3.3	2.46	12.9	1030	<20	<50	0.10	<1	
D73830 (511269)	<1	0.47	5	32	2.90	1360	3.2	2.11	27.7	469	<20	<50	0.08	<1	
D73831 (511270)	<1	0.71	8	29	2.50	1260	4.8	2.48	26.7	468	<20	<50	0.04	<1	
D73832 (511271)	<1	0.01	<2	1	2.33	127	2.2	0.03	1.1	79	<20	<50	0.10	<1	
D73833 (511272)	<1	0.78	7	33	3.16	1470	4.4	2.36	25.4	700	<20	51	0.13	<1	
D73834 (511273)	<1	0.26	5	25	2.90	1690	4.0	2.32	25.2	563	<20	<50	0.30	<1	
D73835 (511274)	<1	0.52	6	26	2.57	1400	3.2	1.88	27.0	481	<20	<50	0.17	<1	
D73836 (511275)	<1	1.33	14	24	2.06	945	3.4	2.01	34.2	556	<20	<50	0.22	<1	
D73837 (511276)	<1	0.86	8	28	3.42	1170	3.1	1.88	72.5	678	<20	<50	0.11	<1	
D73838 (511277)	<1	0.85	8	28	3.41	1180	3.1	1.80	71.2	660	<20	<50	0.11	<1	
D73839 (511278)	<1	0.57	14	25	3.42	1290	3.3	1.77	66.1	1010	<20	<50	0.12	<1	
D73840 (511279)	<1	1.97	21	33	0.93	407	2.6	2.39	13.1	553	<20	63	0.02	<1	
D73841 (511280)	<1	1.76	38	31	1.15	489	4.8	2.36	20.8	1340	<20	57	0.03	<1	
D73842 (511281)	<1	1.09	34	27	2.82	1330	5.0	1.72	82.7	1750	<20	<50	0.11	<1	
D73843 (511282)	<1	1.46	23	32	1.33	625	3.9	2.35	16.8	628	<20	<50	0.11	<1	
D73844 (511283)	<1	1.14	13	29	3.76	1300	4.3	1.69	95.0	946	<20	<50	0.09	<1	
D73845 (511284)	<1	0.77	21	25	3.77	1360	4.3	1.77	103	1050	<20	<50	0.15	<1	
D73846 (511285)	<1	0.20	3	13	4.40	1350	1.5	2.31	82.1	417	<20	<50	0.15	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T515564

PROJECT: AGAT00779

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019	DATE RECEIVED: Sep 09, 2019					DATE REPORTED: Sep 30, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D73847 (511286)	<1	0.97	14	25	3.82	1460	3.7	1.52	122	692	<20	<50	0.15	<1	
D73848 (511287)	<1	1.00	24	29	4.35	1400	3.6	1.52	111	1660	<20	<50	0.20	<1	
D73849 (511288)	<1	1.53	25	36	1.01	534	5.0	2.14	14.5	558	<20	<50	0.05	<1	
D73850 (511289)	<1	2.47	10	40	2.94	1250	3.6	1.59	77.0	527	<20	60	0.17	<1	
D73851 (511290)	<1	1.69	21	17	2.07	601	6.8	1.94	60.6	517	<20	50	0.63	<1	
D73852 (511291)	<1	0.01	2	1	1.88	115	2.0	0.03	1.2	48	<20	<50	0.05	<1	
D73853 (511292)	<1	2.08	26	18	0.75	320	5.3	2.40	8.2	573	<20	58	0.22	<1	
D73854 (511293)	<1	2.95	23	25	1.00	345	5.5	2.23	10.4	549	<20	83	0.11	<1	
D73855 (511294)	<1	1.57	12	23	4.11	1190	4.2	1.98	76.9	871	<20	<50	0.38	<1	
D73856 (511295)	<1	2.07	27	27	0.79	372	4.1	2.71	9.6	579	<20	65	0.05	<1	
D73857 (511296)	<1	1.91	27	31	0.70	373	4.9	2.95	9.2	584	<20	58	0.04	<1	
D73858 (511297)	<1	1.91	25	30	0.68	360	4.5	2.86	8.5	540	<20	58	0.04	<1	
D73859 (511298)	<1	1.79	26	29	0.72	316	3.9	3.08	7.9	541	<20	53	0.02	<1	
D73860 (511299)	<1	1.72	22	35	0.98	380	4.6	2.71	12.3	540	<20	53	0.05	<1	
D73861 (511300)	<1	0.95	8	17	2.40	1060	3.3	1.82	46.5	388	<20	<50	0.25	<1	
D73862 (511301)	<1	0.94	13	23	1.29	649	3.8	2.84	29.4	447	<20	<50	0.10	<1	
D73863 (511302)	<1	0.48	19	40	5.50	1220	3.6	1.85	254	798	<20	<50	0.10	<1	
D73864 (511303)	<1	1.84	54	29	8.94	1420	4.5	1.33	349	2520	<20	75	0.28	<1	
D73865 (511304)	<1	0.56	18	37	4.20	1460	3.1	1.88	168	881	<20	<50	0.13	<1	
D73866 (511305)	<1	0.44	9	11	4.37	1290	2.1	2.31	97.2	863	<20	<50	0.09	<1	
D73867 (511306)	<1	0.62	15	32	2.91	1810	3.8	1.83	104	730	<20	<50	0.16	<1	
D73868 (511307)	<1	0.85	13	33	2.92	1550	3.4	1.81	105	678	<20	<50	0.17	<1	
D73869 (511308)	<1	1.39	22	37	0.82	445	3.8	2.52	13.5	508	<20	<50	0.05	<1	
D73870 (511309)	<1	1.32	13	36	2.12	1210	4.2	1.99	62.0	473	<20	<50	0.11	<1	
D73871 (511310)	<1	1.13	6	25	2.95	1430	4.0	1.65	92.6	416	<20	<50	0.23	<1	
D73872 (511311)	<1	0.01	<2	<1	4.05	177	2.2	0.03	1.2	68	<20	<50	0.05	<1	
D73873 (511312)	<1	0.67	4	41	3.20	1400	4.1	1.91	94.5	402	<20	<50	0.17	<1	
D73874 (511313)	<1	0.36	5	41	3.25	1400	3.4	2.14	97.6	409	<20	<50	0.22	<1	
D73875 (511314)	<1	1.12	4	39	2.90	1280	3.7	2.14	94.4	329	<20	<50	0.19	<1	
D73876 (511315)	<1	0.45	8	46	3.32	1230	4.3	2.43	116	638	<20	<50	0.57	<1	
D73877 (511316)	<1	1.29	4	56	3.50	1080	4.6	2.64	110	471	<20	<50	1.28	<1	
D73878 (511317)	<1	1.27	5	55	3.48	1080	4.1	2.61	113	506	<20	<50	1.32	<1	

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## Certificate of Analysis

AGAT WORK ORDER: 19T515564

PROJECT: AGAT00779

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019		DATE RECEIVED: Sep 09, 2019					DATE REPORTED: Sep 30, 2019					SAMPLE TYPE: Drill Core				
Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1	
D73879 (511318)		<1	1.92	26	42	0.84	352	5.6	3.62	13.9	527	<20	53	0.13	<1	
D73880 (511319)		<1	1.80	27	70	0.92	333	6.0	3.69	8.3	555	<20	54	0.04	<1	
D73881 (511320)		<1	0.45	6	25	1.71	1020	4.9	3.25	122	524	<20	<50	2.68	<1	
D73882 (511321)		<1	0.50	6	27	1.41	1030	4.0	3.11	144	509	<20	<50	3.48	<1	
D73883 (511322)		<1	0.40	6	31	1.45	1100	3.4	3.18	127	491	<20	<50	2.00	<1	
D73884 (511323)		<1	0.53	8	39	1.72	1170	3.2	2.58	118	551	<20	<50	1.19	<1	
D73885 (511324)		<1	1.55	19	57	1.05	400	4.5	2.48	14.8	442	<20	89	0.08	<1	
D73886 (511325)		<1	0.20	3	13	4.42	1350	1.5	2.29	81.7	385	<20	<50	0.15	<1	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019	DATE RECEIVED: Sep 09, 2019					DATE REPORTED: Sep 30, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D73815 (511254)	37	<10	<5	359	<10	<10	<5	1.59	<5	<50	132	<1	43	117	
D73816 (511255)	34	<10	<5	119	<10	<10	<5	0.96	<5	<50	45.1	<1	52	153	
D73817 (511256)	35	<10	<5	147	<10	<10	<5	1.03	<5	<50	86.8	<1	50	117	
D73818 (511257)	36	<10	<5	147	<10	<10	<5	1.05	<5	<50	87.6	<1	50	124	
D73819 (511258)	36	<10	<5	134	<10	<10	<5	1.11	<5	<50	134	<1	49	129	
D73820 (511259)	37	<10	<5	218	<10	<10	<5	1.34	<5	<50	201	<1	48	151	
D73821 (511260)	39	<10	<5	141	<10	<10	<5	1.12	<5	<50	172	<1	51	130	
D73822 (511261)	39	<10	<5	131	<10	<10	<5	1.10	<5	<50	182	<1	50	113	
D73823 (511262)	39	<10	<5	114	<10	<10	<5	1.09	<5	<50	199	<1	48	123	
D73824 (511263)	41	<10	<5	158	<10	<10	<5	1.06	<5	<50	273	<1	45	92.9	
D73825 (511264)	42	<10	<5	139	<10	<10	<5	1.03	<5	<50	284	<1	46	69.4	
D73826 (511265)	33	<10	<5	243	<10	<10	<5	0.86	<5	<50	229	<1	21	90.8	
D73827 (511266)	42	<10	<5	66	<10	<10	<5	1.02	<5	<50	311	<1	44	68.7	
D73828 (511267)	41	<10	<5	72	<10	<10	<5	1.01	<5	<50	299	<1	44	56.9	
D73829 (511268)	39	<10	<5	151	<10	<10	<5	0.97	<5	<50	300	<1	42	83.4	
D73830 (511269)	41	<10	<5	128	<10	<10	<5	0.95	<5	<50	391	<1	33	122	
D73831 (511270)	44	<10	<5	159	<10	<10	<5	0.95	<5	<50	390	<1	36	104	
D73832 (511271)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	4.7	
D73833 (511272)	43	<10	<5	129	<10	<10	<5	0.95	<5	<50	421	<1	36	198	
D73834 (511273)	42	<10	<5	140	<10	<10	<5	0.98	<5	<50	386	<1	36	228	
D73835 (511274)	43	<10	<5	156	<10	<10	<5	0.97	<5	<50	394	<1	37	127	
D73836 (511275)	24	<10	<5	239	<10	<10	<5	0.66	<5	<50	203	<1	23	120	
D73837 (511276)	28	<10	<5	239	<10	<10	<5	0.75	<5	<50	167	<1	30	96.5	
D73838 (511277)	28	<10	<5	232	<10	<10	<5	0.73	<5	<50	167	<1	30	98.6	
D73839 (511278)	30	<10	<5	202	<10	<10	<5	0.74	<5	<50	176	<1	35	85.3	
D73840 (511279)	7	<10	<5	235	<10	<10	<5	0.24	<5	<50	44.0	<1	7	46.6	
D73841 (511280)	7	<10	<5	294	<10	<10	<5	0.32	<5	<50	52.7	<1	10	59.1	
D73842 (511281)	18	<10	<5	312	<10	<10	<5	0.75	<5	<50	141	<1	20	114	
D73843 (511282)	7	<10	<5	330	<10	<10	<5	0.26	<5	<50	52.4	<1	8	40.9	
D73844 (511283)	31	<10	<5	419	<10	<10	<5	0.70	<5	<50	218	<1	23	98.3	
D73845 (511284)	24	<10	<5	353	<10	<10	<5	0.84	<5	<50	172	<1	20	113	
D73846 (511285)	44	<10	<5	111	<10	<10	<5	0.68	<5	<50	292	<1	22	79.7	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T515564

PROJECT: AGAT00779

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019	DATE RECEIVED: Sep 09, 2019					DATE REPORTED: Sep 30, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D73847 (511286)	25	<10	<5	320	<10	<10	<5	0.81	<5	<50	173	<1	19	136	
D73848 (511287)	30	<10	<5	367	<10	<10	<5	0.73	<5	<50	217	<1	25	103	
D73849 (511288)	6	<10	<5	267	<10	<10	<5	0.26	<5	<50	46.2	<1	7	51.9	
D73850 (511289)	21	<10	<5	187	<10	<10	<5	0.88	<5	<50	165	<1	18	129	
D73851 (511290)	11	<10	<5	280	<10	<10	<5	0.28	<5	<50	91.6	58	10	63.6	
D73852 (511291)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	3.4	
D73853 (511292)	5	<10	<5	181	<10	<10	<5	0.19	<5	<50	37.5	475	7	50.6	
D73854 (511293)	6	<10	<5	178	<10	<10	<5	0.19	<5	<50	42.1	<1	7	40.5	
D73855 (511294)	35	<10	<5	403	<10	<10	<5	0.49	<5	<50	216	<1	22	143	
D73856 (511295)	5	<10	<5	217	<10	<10	<5	0.20	<5	<50	36.6	<1	8	47.5	
D73857 (511296)	5	<10	<5	222	<10	<10	<5	0.21	<5	<50	36.7	<1	8	46.6	
D73858 (511297)	5	<10	<5	215	<10	<10	<5	0.20	<5	<50	34.7	<1	8	43.7	
D73859 (511298)	4	<10	<5	267	<10	<10	<5	0.21	<5	<50	33.8	<1	7	48.0	
D73860 (511299)	6	<10	<5	219	<10	<10	<5	0.22	<5	<50	40.1	<1	8	63.5	
D73861 (511300)	29	<10	<5	165	<10	<10	<5	0.53	<5	<50	211	<1	15	72.9	
D73862 (511301)	16	<10	<5	226	<10	<10	<5	0.38	<5	<50	105	<1	10	59.5	
D73863 (511302)	18	<10	<5	239	<10	<10	<5	0.68	<5	<50	143	<1	17	105	
D73864 (511303)	21	<10	<5	906	<10	<10	<5	2.38	<5	<50	299	<1	20	93.4	
D73865 (511304)	21	<10	<5	344	<10	<10	<5	0.93	<5	<50	180	<1	22	122	
D73866 (511305)	33	<10	<5	243	<10	<10	<5	0.86	<5	<50	225	<1	21	87.7	
D73867 (511306)	21	<10	<5	338	<10	<10	<5	0.99	<5	<50	188	<1	23	121	
D73868 (511307)	22	<10	<5	374	<10	<10	<5	0.99	<5	<50	194	<1	22	126	
D73869 (511308)	6	<10	<5	390	<10	<10	<5	0.24	<5	<50	43.0	<1	8	55.2	
D73870 (511309)	23	<10	<5	340	<10	<10	<5	0.49	<5	<50	152	<1	16	84.6	
D73871 (511310)	24	<10	<5	253	<10	<10	<5	0.89	<5	<50	188	<1	21	121	
D73872 (511311)	<1	<10	<5	63	<10	<10	<5	<0.01	<5	<50	1.5	<1	2	3.6	
D73873 (511312)	23	<10	<5	237	<10	<10	<5	0.96	<5	<50	182	<1	22	124	
D73874 (511313)	24	<10	<5	231	<10	<10	<5	1.03	<5	<50	191	<1	22	131	
D73875 (511314)	28	<10	<5	271	<10	<10	<5	0.90	<5	<50	184	<1	20	118	
D73876 (511315)	24	<10	<5	205	<10	<10	<5	1.18	<5	<50	197	<1	23	154	
D73877 (511316)	24	<10	<5	175	<10	<10	<5	1.11	<5	<50	199	<1	24	167	
D73878 (511317)	24	<10	<5	174	<10	<10	<5	1.08	<5	<50	196	<1	25	167	

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## Certificate of Analysis

AGAT WORK ORDER: 19T515564

PROJECT: AGAT00779

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019	DATE RECEIVED: Sep 09, 2019					DATE REPORTED: Sep 30, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D73879 (511318)	5	<10	<5	289	<10	<10	<5	0.22	<5	<50	40.0	<1	7	54.8	
D73880 (511319)	5	<10	<5	288	<10	<10	<5	0.21	<5	<50	36.8	<1	7	56.4	
D73881 (511320)	24	<10	<5	254	<10	<10	<5	1.08	<5	<50	189	<1	25	188	
D73882 (511321)	25	<10	<5	268	<10	<10	<5	1.06	<5	<50	192	<1	24	207	
D73883 (511322)	25	<10	<5	291	<10	<10	<5	1.14	<5	<50	202	<1	25	199	
D73884 (511323)	25	<10	<5	269	<10	<10	<5	1.08	<5	<50	192	<1	25	184	
D73885 (511324)	5	<10	<5	185	<10	<10	<5	0.23	<5	<50	30.0	<1	9	51.1	
D73886 (511325)	44	<10	<5	112	<10	<10	<5	0.69	<5	<50	293	<1	22	84.0	

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## Certificate of Analysis

AGAT WORK ORDER: 19T515564

PROJECT: AGAT00779

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019      DATE RECEIVED: Sep 09, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D73815 (511254)				103
D73816 (511255)				33
D73817 (511256)				40
D73818 (511257)				38
D73819 (511258)				30
D73820 (511259)				67
D73821 (511260)				22
D73822 (511261)				30
D73823 (511262)				31
D73824 (511263)				26
D73825 (511264)				28
D73826 (511265)				93
D73827 (511266)				24
D73828 (511267)				25
D73829 (511268)				36
D73830 (511269)				23
D73831 (511270)				42
D73832 (511271)				<5
D73833 (511272)				31
D73834 (511273)				25
D73835 (511274)				18
D73836 (511275)				46
D73837 (511276)				26
D73838 (511277)				26
D73839 (511278)				26
D73840 (511279)				84
D73841 (511280)				79
D73842 (511281)				28
D73843 (511282)				94
D73844 (511283)				29
D73845 (511284)				20
D73846 (511285)				54

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## Certificate of Analysis

AGAT WORK ORDER: 19T515564

PROJECT: AGAT00779

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019      DATE RECEIVED: Sep 09, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D73847 (511286)				26
D73848 (511287)				37
D73849 (511288)				78
D73850 (511289)				26
D73851 (511290)				66
D73852 (511291)				<5
D73853 (511292)				74
D73854 (511293)				80
D73855 (511294)				48
D73856 (511295)				79
D73857 (511296)				79
D73858 (511297)				73
D73859 (511298)				74
D73860 (511299)				83
D73861 (511300)				29
D73862 (511301)				58
D73863 (511302)				37
D73864 (511303)				228
D73865 (511304)				36
D73866 (511305)				92
D73867 (511306)				22
D73868 (511307)				19
D73869 (511308)				71
D73870 (511309)				33
D73871 (511310)				17
D73872 (511311)				<5
D73873 (511312)				16
D73874 (511313)				13
D73875 (511314)				14
D73876 (511315)				33
D73877 (511316)				37
D73878 (511317)				37

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T515564

PROJECT: AGAT00779

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 08, 2019	DATE RECEIVED: Sep 09, 2019	DATE REPORTED: Sep 30, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D73879 (511318)				68
D73880 (511319)				73
D73881 (511320)				18
D73882 (511321)				20
D73883 (511322)				18
D73884 (511323)				17
D73885 (511324)				94
D73886 (511325)				55

Comments: RDL - Reported Detection Limit  
 511254-511325 As, Sb values may be low due to digestion losses.  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T515564

PROJECT: AGAT00779

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 08, 2019      DATE RECEIVED: Sep 09, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D73815 (511254)			0.003
D73816 (511255)			0.002
D73817 (511256)			0.001
D73818 (511257)			0.001
D73819 (511258)			0.020
D73820 (511259)			0.002
D73821 (511260)			0.003
D73822 (511261)			0.002
D73823 (511262)			0.001
D73824 (511263)			<0.001
D73825 (511264)			0.001
D73826 (511265)			0.323
D73827 (511266)			0.002
D73828 (511267)			0.002
D73829 (511268)			0.002
D73830 (511269)			0.025
D73831 (511270)			0.007
D73832 (511271)			0.002
D73833 (511272)			0.002
D73834 (511273)			0.003
D73835 (511274)			0.008
D73836 (511275)			0.019
D73837 (511276)			0.007
D73838 (511277)			0.006
D73839 (511278)			0.004
D73840 (511279)			0.003
D73841 (511280)			0.002
D73842 (511281)			0.005
D73843 (511282)			0.005
D73844 (511283)			0.005
D73845 (511284)			0.006
D73846 (511285)			0.516

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T515564

PROJECT: AGAT00779

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 08, 2019      DATE RECEIVED: Sep 09, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D73847 (511286)			0.010
D73848 (511287)			0.012
D73849 (511288)			0.003
D73850 (511289)			0.024
D73851 (511290)			0.487
D73852 (511291)			0.003
D73853 (511292)			0.081
D73854 (511293)			0.014
D73855 (511294)			0.020
D73856 (511295)			0.004
D73857 (511296)			0.006
D73858 (511297)			0.007
D73859 (511298)			0.003
D73860 (511299)			0.003
D73861 (511300)			0.006
D73862 (511301)			0.002
D73863 (511302)			0.002
D73864 (511303)			0.002
D73865 (511304)			0.003
D73866 (511305)			0.336
D73867 (511306)			0.002
D73868 (511307)			0.003
D73869 (511308)			0.003
D73870 (511309)			0.005
D73871 (511310)			0.032
D73872 (511311)			0.005
D73873 (511312)			0.002
D73874 (511313)			0.003
D73875 (511314)			0.002
D73876 (511315)			0.002
D73877 (511316)			0.005
D73878 (511317)			0.005

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T515564

PROJECT: AGAT00779

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 08, 2019

DATE RECEIVED: Sep 09, 2019

DATE REPORTED: Sep 30, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D73879 (511318)			0.002
D73880 (511319)			0.002
D73881 (511320)			0.007
D73882 (511321)			0.009
D73883 (511322)			0.005
D73884 (511323)			0.003
D73885 (511324)			0.001
D73886 (511325)			0.539

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T515564

PROJECT: AGAT00779

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Sep 08, 2019	DATE RECEIVED: Sep 09, 2019	DATE REPORTED: Sep 30, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D73815 (511254)		86.83
D73834 (511273)		84.19
D73854 (511293)		87.84
D73874 (511313)		84.27

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T515564

PROJECT: AGAT00779

5623 McADAM ROAD  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Sep 08, 2019      DATE RECEIVED: Sep 09, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D73819 (511258)		88
D73842 (511281)		90
D73871 (511310)		93

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	511254	< 0.5	< 0.5	0.0%	511268	< 0.5	< 0.5	0.0%	511279	< 0.5	< 0.5	0.0%	511293	< 0.5	< 0.5	0.0%
Al	511254	5.57	5.59	0.4%	511268	6.79	6.85	0.9%	511279	8.11	8.02	1.1%	511293	7.58	7.64	0.8%
As	511254	< 1	< 1	0.0%	511268	< 1	< 1	0.0%	511279	< 1	< 1	0.0%	511293	1	2	
Ba	511254	343	333	3.0%	511268	92	94	2.2%	511279	492	493	0.2%	511293	481	482	0.2%
Be	511254	1.1	1.1	0.0%	511268	0.6	0.6	0.0%	511279	0.8	0.8	0.0%	511293	0.9	0.9	0.0%
Bi	511254	< 1	< 1	0.0%	511268	< 1	< 1	0.0%	511279	< 1	< 1	0.0%	511293	< 1	< 1	0.0%
Ca	511254	5.42	5.40	0.4%	511268	4.29	4.33	0.9%	511279	2.85	2.76	3.2%	511293	2.29	2.25	1.8%
Cd	511254	< 0.5	< 0.5	0.0%	511268	< 0.5	< 0.5	0.0%	511279	< 0.5	< 0.5	0.0%	511293	< 0.5	< 0.5	0.0%
Ce	511254	57	56	1.8%	511268	43	44	2.3%	511279	45	44	2.2%	511293	48	50	4.1%
Co	511254	28.8	27.8	3.5%	511268	32.3	32.0	0.9%	511279	7.77	7.64	1.7%	511293	6.2	5.7	8.4%
Cr	511254	149	138	7.7%	511268	14.0	14.5	3.5%	511279	21.5	21.7	0.9%	511293	30.0	30.3	1.0%
Cu	511254	44.2	42.7	3.5%	511268	34.5	34.4	0.3%	511279	3.85	3.26	16.6%	511293	20.5	21.3	3.8%
Fe	511254	10.4	10.5	1.0%	511268	10.4	10.5	1.0%	511279	2.40	2.36	1.7%	511293	2.23	2.24	0.4%
Ga	511254	24	24	0.0%	511268	24	23	4.3%	511279	18	18	0.0%	511293	17	17	0.0%
In	511254	< 1	< 1	0.0%	511268	< 1	< 1	0.0%	511279	< 1	< 1	0.0%	511293	< 1	< 1	0.0%
K	511254	0.675	0.653	3.3%	511268	0.17	0.17	0.0%	511279	1.97	1.97	0.0%	511293	2.95	2.98	1.0%
La	511254	24	23	4.3%	511268	17	16	6.1%	511279	21	21	0.0%	511293	23	23	0.0%
Li	511254	23	24	4.3%	511268	25	24	4.1%	511279	33	32	3.1%	511293	25	25	0.0%
Mg	511254	2.79	2.75	1.4%	511268	2.56	2.58	0.8%	511279	0.93	0.91	2.2%	511293	1.00	1.02	2.0%
Mn	511254	1670	1690	1.2%	511268	1550	1540	0.6%	511279	407	394	3.2%	511293	345	350	1.4%
Mo	511254	9.4	7.0	29.3%	511268	3.3	3.3	0.0%	511279	2.62	2.89	9.8%	511293	5.5	4.9	11.5%
Na	511254	1.72	1.76	2.3%	511268	2.46	2.48	0.8%	511279	2.39	2.31	3.4%	511293	2.23	2.19	1.8%
Ni	511254	48.1	44.2	8.5%	511268	12.9	11.9	8.1%	511279	13.1	12.7	3.1%	511293	10.4	10.1	2.9%
P	511254	1370	1340	2.2%	511268	1030	1030	0.0%	511279	553	532	3.9%	511293	549	522	5.0%
Pb	511254	< 20	< 20	0.0%	511268	< 20	< 20	0.0%	511279	< 20	< 20	0.0%	511293	< 20	< 20	0.0%
Rb	511254	< 50	< 50	0.0%	511268	< 50	< 50	0.0%	511279	63	64	1.6%	511293	83	85	2.4%
S	511254	0.15	0.15	0.0%	511268	0.10	0.10	0.0%	511279	0.02	0.02	0.0%	511293	0.114	0.115	0.9%
Sb	511254	< 1	< 1	0.0%	511268	< 1	< 1	0.0%	511279	< 1	< 1	0.0%	511293	< 1	< 1	0.0%
Sc	511254	37	37	0.0%	511268	39	39	0.0%	511279	7	6	15.4%	511293	6	6	0.0%
Se	511254	< 10	< 10	0.0%	511268	< 10	< 10	0.0%	511279	< 10	< 10	0.0%	511293	< 10	< 10	0.0%
Sn	511254	< 5	< 5	0.0%	511268	< 5	< 5	0.0%	511279	< 5	< 5	0.0%	511293	< 5	< 5	0.0%





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	511254	359	357	0.6%	511268	151	153	1.3%	511279	235	229	2.6%	511293	178	175	1.7%
Ta	511254	< 10	< 10	0.0%	511268	< 10	< 10	0.0%	511279	< 10	< 10	0.0%	511293	< 10	< 10	0.0%
Te	511254	< 10	< 10	0.0%	511268	< 10	< 10	0.0%	511279	< 10	< 10	0.0%	511293	< 10	< 10	0.0%
Th	511254	< 5	< 5	0.0%	511268	< 5	< 5	0.0%	511279	< 5	< 5	0.0%	511293	< 5	< 5	0.0%
Ti	511254	1.59	1.59	0.0%	511268	0.97	1.01	4.0%	511279	0.24	0.23	4.3%	511293	0.193	0.198	2.6%
Tl	511254	< 5	< 5	0.0%	511268	< 5	< 5	0.0%	511279	< 5	< 5	0.0%	511293	< 5	< 5	0.0%
U	511254	< 50	< 50	0.0%	511268	< 50	< 50	0.0%	511279	< 50	< 50	0.0%	511293	< 50	< 50	0.0%
V	511254	132	129	2.3%	511268	300	304	1.3%	511279	44.0	43.2	1.8%	511293	42.1	41.0	2.6%
W	511254	< 1	< 1	0.0%	511268	< 1	< 1	0.0%	511279	< 1	< 1	0.0%	511293	< 1	< 1	0.0%
Y	511254	43	43	0.0%	511268	42	42	0.0%	511279	7	7	0.0%	511293	7	7	0.0%
Zn	511254	117	115	1.7%	511268	83.4	84.5	1.3%	511279	46.6	45.7	2.0%	511293	40.5	41.5	2.4%
Zr	511254	103	94	9.1%	511268	36	34	5.7%	511279	84	88	4.7%	511293	80	75	6.5%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	511304	< 0.5	< 0.5	0.0%	511318	< 0.5	< 0.5	0.0%								
Al	511304	7.03	6.99	0.6%	511318	7.86	7.97	1.4%								
As	511304	< 1	< 1	0.0%	511318	1	< 1									
Ba	511304	204	194	5.0%	511318	687	697	1.4%								
Be	511304	0.97	0.90	7.5%	511318	1.0	1.0	0.0%								
Bi	511304	< 1	< 1	0.0%	511318	< 1	< 1	0.0%								
Ca	511304	6.58	6.48	1.5%	511318	1.76	1.74	1.1%								
Cd	511304	< 0.5	< 0.5	0.0%	511318	< 0.5	< 0.5	0.0%								
Ce	511304	42	41	2.4%	511318	55	55	0.0%								
Co	511304	43.5	43.2	0.7%	511318	7.21	7.57	4.9%								
Cr	511304	173	171	1.2%	511318	30.9	29.1	6.0%								
Cu	511304	50.5	47.5	6.1%	511318	8.50	8.87	4.3%								
Fe	511304	8.78	8.67	1.3%	511318	2.57	2.58	0.4%								
Ga	511304	20	19	5.1%	511318	18	18	0.0%								
In	511304	< 1	< 1	0.0%	511318	< 1	< 1	0.0%								
K	511304	0.558	0.542	2.9%	511318	1.92	1.96	2.1%								
La	511304	18	17	5.7%	511318	26	26	0.0%								
Li	511304	37	36	2.7%	511318	42	43	2.4%								
Mg	511304	4.20	4.14	1.4%	511318	0.844	0.853	1.1%								
Mn	511304	1460	1470	0.7%	511318	352	351	0.3%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

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Mo	511304	3.1	3.0	3.3%	511318	5.64	5.69	0.9%								
Na	511304	1.88	1.85	1.6%	511318	3.62	3.61	0.3%								
Ni	511304	168	164	2.4%	511318	13.9	14.1	1.4%								
P	511304	881	890	1.0%	511318	527	533	1.1%								
Pb	511304	< 20	< 20	0.0%	511318	< 20	< 20	0.0%								
Rb	511304	< 50	< 50	0.0%	511318	53	54	1.9%								
S	511304	0.130	0.124	4.7%	511318	0.13	0.13	0.0%								
Sb	511304	< 1	< 1	0.0%	511318	< 1	< 1	0.0%								
Sc	511304	21	20	4.9%	511318	5	5	0.0%								
Se	511304	< 10	< 10	0.0%	511318	< 10	< 10	0.0%								
Sn	511304	< 5	< 5	0.0%	511318	< 5	< 5	0.0%								
Sr	511304	344	335	2.7%	511318	289	286	1.0%								
Ta	511304	< 10	< 10	0.0%	511318	< 10	< 10	0.0%								
Te	511304	< 10	< 10	0.0%	511318	< 10	< 10	0.0%								
Th	511304	< 5	< 5	0.0%	511318	< 5	< 5	0.0%								
Ti	511304	0.926	0.910	1.7%	511318	0.22	0.22	0.0%								
Tl	511304	< 5	< 5	0.0%	511318	< 5	< 5	0.0%								
U	511304	< 50	< 50	0.0%	511318	< 50	< 50	0.0%								
V	511304	180	178	1.1%	511318	40.0	41.0	2.5%								
W	511304	< 1	< 1	0.0%	511318	< 1	< 1	0.0%								
Y	511304	22	22	0.0%	511318	7	7	0.0%								
Zn	511304	122	121	0.8%	511318	54.8	55.7	1.6%								
Zr	511304	36	35	2.8%	511318	68	72	5.7%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	511254	0.003	0.003	0.0%	511268	0.002	0.002	0.0%	511279	0.003	0.002		511293	0.0143	0.0168	16.1%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	511304	0.0026	0.0024	8.0%	511318	0.002	0.002	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS4H)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GSP5G)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	2.76	91%	90% - 110%
Al	10.95	10.68	98%	90% - 110%	8.17	8.18	100%	90% - 110%	6.96	6.9	99%	90% - 110%	4.75	4.81	101%	90% - 110%
As					26	22	86%	90% - 110%	124	124	100%	90% - 110%				
Ba	340	314	92%	90% - 110%	540	488	90%	90% - 110%	186	180	97%	90% - 110%	216	208	96%	90% - 110%
Be	2.6	2.4	93%	90% - 110%	4.0	2.9	72%	90% - 110%								
Ca	5.72	5.48	96%	90% - 110%	0.907	0.888	98%	90% - 110%	4.01	3.95	98%	90% - 110%	10	9	91%	90% - 110%
Ce	122	119	97%	90% - 110%	98	102	104%	90% - 110%	24	23	96%	90% - 110%				
Co									22.1	21.3	96%	90% - 110%	191	174	91%	90% - 110%
Cr					60.3	57.8	96%	90% - 110%					670	628	94%	90% - 110%
Cu					150	147	98%	90% - 110%	88.6	87.8	99%	90% - 110%	7120	7103	100%	90% - 110%
Fe	4.34	3.93	91%	90% - 110%	3.77	3.62	96%	90% - 110%	7.56	7.36	97%	90% - 110%	12.71	11.53	91%	90% - 110%
Ga	35	36	102%	90% - 110%												
K	1.37	1.44	105%	90% - 110%					2.021	2.076	103%	90% - 110%	0.1021	0.1116	109%	90% - 110%
La	58	54	93%	90% - 110%	44	43	97%	90% - 110%					8.47	7.99	94%	90% - 110%
Li	37	40	107%	90% - 110%	47	48	103%	90% - 110%								
Mg	0.325	0.294	90%	90% - 110%	1.10	1.07	98%	90% - 110%	2.412	2.464	102%	90% - 110%	7.41	7.46	101%	90% - 110%
Mn					780	735	94%	90% - 110%	1510	1405	93%	90% - 110%				
Mo					14	13	96%	90% - 110%					2.49	3.17	127%	90% - 110%
Na	5.267	5.491	104%	90% - 110%	1.624	1.689	104%	90% - 110%	0.617	0.641	104%	90% - 110%	0.112	0.144	128%	90% - 110%
Ni	9	9	101%	90% - 110%	32	30	93%	90% - 110%	77.1	70.1	91%	90% - 110%	2480	2099	85%	90% - 110%
P					750	710	95%	90% - 110%	892	890	100%	90% - 110%	731	701	96%	90% - 110%
Pb					31	27	86%	90% - 110%								
Rb	55	58	105%	90% - 110%	143	136	95%	90% - 110%								
S									0.348	0.325	93%	90% - 110%				
Sc	1.1	1	90%	90% - 110%	12	12	101%	90% - 110%					21.33	20.6	97%	90% - 110%
Sr	1191	1157	97%	90% - 110%	144	151	105%	90% - 110%	92.8	91.1	98%	90% - 110%	39	38	97%	90% - 110%
Ti	0.172	0.167	97%	90% - 110%	0.53	0.49	92%	90% - 110%					0.419	0.409	98%	90% - 110%
V	8	7	91%	90% - 110%	77	75	97%	90% - 110%					158	159	100%	90% - 110%
Y	119	120	101%	90% - 110%									12.67	12.71	100%	90% - 110%
Zn	93	90	96%	90% - 110%	130	118	91%	90% - 110%	208	209	100%	90% - 110%	112	112	100%	90% - 110%
Zr													35.7	37.6	105%	90% - 110%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS4H)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GSP5G)				CRM #4 (ref.1P5R)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.01	5.09	102%	90% - 110%	0.725	0.692	95%	90% - 110%	0.562	0.551	98%	90% - 110%	1.81	1.86	103%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00779  
 SAMPLING SITE:

AGAT WORK ORDER: 19T515564  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00780

AGAT WORK ORDER: 19T516137

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 30, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

# Certificate of Analysis

AGAT WORK ORDER: 19T516137

PROJECT: AGAT00780

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Sep 09, 2019      DATE RECEIVED: Sep 10, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D73887 (514403)		2.34
D73888 (514404)		1.75
D73889 (514405)		2.33
D73890 (514406)		2.62
D73891 (514407)		1.52
D73892 (514408)		0.66
D73893 (514409)		2.61
D73894 (514410)		2.27
D73895 (514411)		2.30
D73896 (514412)		1.63
D73897 (514413)		2.18
D73898 (514414)		2.18
D73899 (514415)		1.04
D73900 (514416)		2.09
D73901 (514417)		1.10
D73902 (514418)		2.61
D73903 (514419)		2.59
D73904 (514420)		2.62
D73905 (514421)		2.51
D73906 (514422)		0.07
D73907 (514423)		2.51
D73908 (514424)		3.27
D73909 (514425)		3.40
D73910 (514426)		2.56
D73911 (514427)		2.91
D73912 (514428)		0.68
D73913 (514429)		1.26
D73914 (514430)		1.85
D73915 (514431)		2.23
D73916 (514432)		1.59
D73917 (514433)		2.26

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T516137

PROJECT: AGAT00780

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 09, 2019      DATE RECEIVED: Sep 10, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D73918 (514434)		2.26
D73919 (514435)		1.39
D73920 (514436)		1.13
D73921 (514437)		2.35
D73922 (514438)		0.90
D73923 (514439)		1.03
D73924 (514440)		2.19
D73925 (514441)		1.19
D73926 (514442)		0.07
D73927 (514443)		2.40
D73928 (514444)		2.45
D73929 (514445)		2.57
D73930 (514446)		2.18
D73931 (514447)		2.23
D73932 (514448)		0.64
D73933 (514449)		2.26
D73934 (514450)		2.20
D73935 (514451)		1.16
D73936 (514452)		0.73
D73937 (514453)		0.70
D73938 (514454)		0.70
D73939 (514455)		1.33
D73940 (514456)		1.94
D73941 (514457)		2.12
D73942 (514458)		2.29
D73943 (514459)		2.00
D73944 (514460)		1.84
D73945 (514461)		2.57
D73946 (514462)		0.07
D73947 (514463)		2.10
D73948 (514464)		1.73

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T516137

PROJECT: AGAT00780

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 09, 2019	DATE RECEIVED: Sep 10, 2019	DATE REPORTED: Sep 30, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D73949 (514465)		1.57
D73950 (514466)		2.16
D73951 (514467)		2.48
D73952 (514468)		0.69
D73953 (514469)		2.05
D73954 (514470)		1.41
D73955 (514471)		0.74
D73956 (514472)		2.63
D73957 (514473)		2.25
D73958 (514474)		2.25

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T516137

PROJECT: AGAT00780

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 09, 2019	DATE RECEIVED: Sep 10, 2019							DATE REPORTED: Sep 30, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D73887 (514403)	<0.5	7.15	<1	326	1.4	<1	1.77	<0.5	36	2.3	17.7	9.2	1.57	16	
D73888 (514404)	<0.5	7.10	<1	147	1.7	<1	0.80	<0.5	14	<0.5	18.6	1.9	0.65	16	
D73889 (514405)	<0.5	7.62	6	609	2.0	<1	2.64	<0.5	51	13.6	37.5	85.8	3.49	20	
D73890 (514406)	<0.5	8.12	<1	407	1.2	<1	2.60	<0.5	45	9.9	35.7	39.7	3.10	18	
D73891 (514407)	<0.5	7.73	<1	312	0.9	<1	2.02	<0.5	47	9.4	29.1	44.3	2.38	17	
D73892 (514408)	<0.5	0.09	<1	25	<0.5	<1	25.8	<0.5	<1	0.9	6.6	<0.5	0.31	<5	
D73893 (514409)	<0.5	7.89	<1	103	0.7	<1	5.53	<0.5	20	40.3	97.8	70.2	8.43	19	
D73894 (514410)	<0.5	8.60	<1	106	0.6	<1	6.25	<0.5	22	44.7	93.7	128	9.06	21	
D73895 (514411)	<0.5	8.28	<1	105	1.6	<1	5.55	<0.5	21	40.0	99.2	49.7	8.63	21	
D73896 (514412)	<0.5	8.70	<1	110	2.2	<1	4.57	<0.5	30	39.0	93.0	74.7	8.54	23	
D73897 (514413)	<0.5	7.54	<1	49	2.2	<1	1.01	<0.5	26	1.2	12.3	16.1	0.80	22	
D73898 (514414)	<0.5	7.44	<1	49	2.1	<1	0.96	<0.5	26	0.5	12.5	14.6	0.70	21	
D73899 (514415)	<0.5	7.61	1	118	3.0	<1	1.66	<0.5	31	3.5	16.1	40.8	0.93	23	
D73900 (514416)	<0.5	7.71	<1	175	1.3	<1	6.27	<0.5	27	40.9	96.5	78.1	9.00	21	
D73901 (514417)	0.5	3.86	<1	868	2.6	<1	8.79	<0.5	164	55.7	528	114	9.99	20	
D73902 (514418)	<0.5	8.01	<1	133	1.2	<1	6.86	<0.5	23	42.8	98.1	122	9.54	22	
D73903 (514419)	<0.5	8.76	<1	119	0.8	<1	6.80	<0.5	23	45.3	95.8	114	9.48	22	
D73904 (514420)	<0.5	7.90	<1	144	0.5	<1	6.51	<0.5	20	41.5	81.9	88.0	9.14	21	
D73905 (514421)	<0.5	7.87	<1	206	0.7	<1	6.80	<0.5	20	41.8	83.1	108	8.30	19	
D73906 (514422)	<0.5	7.45	<1	188	0.6	<1	6.25	<0.5	21	35.8	151	103	7.58	17	
D73907 (514423)	<0.5	7.85	<1	213	0.8	<1	6.07	<0.5	20	41.6	85.2	93.6	8.55	21	
D73908 (514424)	<0.5	7.96	<1	190	1.1	<1	6.22	<0.5	21	40.4	79.9	64.6	8.27	20	
D73909 (514425)	<0.5	7.60	3	126	4.5	<1	2.76	<0.5	27	10.4	30.4	54.5	2.22	21	
D73910 (514426)	<0.5	8.06	<1	285	0.8	<1	5.92	<0.5	20	40.7	93.2	82.6	8.68	21	
D73911 (514427)	<0.5	8.24	<1	163	0.8	<1	6.10	<0.5	20	40.9	83.3	78.5	7.95	21	
D73912 (514428)	<0.5	0.09	<1	18	<0.5	<1	30.1	<0.5	<1	0.6	7.1	<0.5	0.21	<5	
D73913 (514429)	<0.5	7.71	<1	444	1.6	<1	2.33	<0.5	65	10.2	22.2	19.1	3.12	18	
D73914 (514430)	<0.5	8.02	<1	197	2.1	<1	5.71	<0.5	19	40.1	83.6	106	7.82	20	
D73915 (514431)	<0.5	7.71	<1	220	0.8	<1	6.25	<0.5	29	35.9	84.1	101	7.96	19	
D73916 (514432)	<0.5	2.36	<1	1250	5.2	<1	13.8	<0.5	308	37.0	128	107	9.20	17	
D73917 (514433)	<0.5	7.23	<1	318	1.1	<1	6.79	<0.5	50	38.0	102	108	8.34	19	
D73918 (514434)	<0.5	7.36	<1	282	0.9	<1	6.36	<0.5	39	39.3	101	104	8.22	19	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T516137

PROJECT: AGAT00780

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 09, 2019	DATE RECEIVED: Sep 10, 2019							DATE REPORTED: Sep 30, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D73919 (514435)	<0.5	7.76	<1	218	0.7	<1	6.05	<0.5	23	37.6	84.1	123	8.60	19	
D73920 (514436)	1.4	3.35	<1	832	2.5	<1	7.40	<0.5	131	53.0	480	103	10.0	20	
D73921 (514437)	<0.5	7.81	<1	1120	1.8	<1	3.01	<0.5	85	15.0	40.3	36.5	4.29	17	
D73922 (514438)	<0.5	5.56	20	935	1.2	<1	6.07	1.0	329	18.4	37.5	17.0	4.24	11	
D73923 (514439)	<0.5	8.22	<1	1900	1.4	<1	4.57	<0.5	67	25.8	60.2	82.9	6.25	19	
D73924 (514440)	<0.5	7.84	<1	691	1.3	<1	2.58	<0.5	93	7.8	21.8	40.9	2.68	18	
D73925 (514441)	<0.5	8.00	<1	393	1.4	<1	2.96	<0.5	48	10.3	28.1	38.3	2.95	18	
D73926 (514442)	<0.5	7.18	<1	140	<0.5	<1	6.52	<0.5	9	38.7	142	145	7.70	16	
D73927 (514443)	<0.5	7.94	<1	233	0.5	<1	5.48	<0.5	18	40.5	86.5	77.3	8.46	21	
D73928 (514444)	<0.5	7.80	<1	91	2.6	<1	5.92	<0.5	21	40.0	87.3	45.2	8.40	20	
D73929 (514445)	<0.5	7.51	<1	104	0.8	<1	5.95	<0.5	24	39.0	94.4	72.9	8.39	19	
D73930 (514446)	<0.5	7.94	<1	185	0.8	<1	5.57	<0.5	19	39.6	75.9	93.0	7.95	20	
D73931 (514447)	<0.5	7.99	<1	386	1.5	<1	3.07	<0.5	45	8.0	22.6	29.1	2.41	18	
D73932 (514448)	<0.5	0.15	8	29	<0.5	<1	28.3	<0.5	<1	0.7	5.0	<0.5	0.18	<5	
D73933 (514449)	<0.5	7.97	<1	371	3.8	<1	3.63	<0.5	42	10.1	26.1	24.7	2.69	19	
D73934 (514450)	<0.5	8.13	<1	467	1.2	<1	3.01	<0.5	43	7.5	22.4	16.5	2.63	18	
D73935 (514451)	<0.5	8.34	<1	566	1.4	<1	4.27	<0.5	54	19.9	46.4	54.7	4.07	20	
D73936 (514452)	<0.5	6.28	<1	341	0.9	<1	3.33	<0.5	49	13.8	36.6	120	3.68	15	
D73937 (514453)	<0.5	8.32	<1	225	0.6	<1	6.67	<0.5	24	32.9	120	88.4	6.20	15	
D73938 (514454)	<0.5	8.29	<1	228	0.6	<1	6.92	<0.5	24	32.8	109	90.5	6.43	16	
D73939 (514455)	<0.5	5.63	<1	239	1.2	<1	5.15	<0.5	31	27.9	81.7	151	5.50	13	
D73940 (514456)	<0.5	8.91	<1	270	1.8	<1	4.85	<0.5	76	29.6	68.6	55.9	6.11	23	
D73941 (514457)	<0.5	8.15	<1	81	1.6	<1	0.54	<0.5	20	0.6	22.9	9.9	0.72	30	
D73942 (514458)	<0.5	8.41	<1	51	2.5	<1	0.66	<0.5	22	<0.5	22.4	6.6	0.45	29	
D73943 (514459)	<0.5	8.85	<1	342	2.5	<1	4.43	<0.5	65	36.1	99.4	59.8	8.31	28	
D73944 (514460)	<0.5	6.80	<1	42	3.5	<1	1.11	<0.5	20	2.1	25.3	16.8	0.77	23	
D73945 (514461)	<0.5	8.00	<1	282	4.2	<1	3.17	<0.5	56	32.7	79.8	75.2	10.2	30	
D73946 (514462)	<0.5	7.65	<1	188	0.6	<1	6.29	<0.5	21	36.1	162	103	7.68	18	
D73947 (514463)	<0.5	7.40	<1	103	2.3	<1	1.18	<0.5	23	2.0	21.5	18.6	0.64	23	
D73948 (514464)	<0.5	7.37	<1	73	0.9	<1	0.35	<0.5	4	0.7	24.4	9.5	0.34	23	
D73949 (514465)	<0.5	7.71	2	82	1.0	<1	0.46	<0.5	13	2.0	26.2	26.0	0.43	22	
D73950 (514466)	<0.5	6.17	<1	90	1.0	<1	0.41	0.5	10	2.4	26.7	36.2	0.58	19	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T516137

PROJECT: AGAT00780

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 09, 2019	DATE RECEIVED: Sep 10, 2019		DATE REPORTED: Sep 30, 2019		SAMPLE TYPE: Drill Core									
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5
D73951 (514467)	<0.5	7.64	<1	135	1.5	22	0.56	1.3	25	6.1	20.6	73.1	0.78	24
D73952 (514468)	<0.5	0.08	<1	21	<0.5	<1	28.8	<0.5	<1	<0.5	12.1	<0.5	0.15	<5
D73953 (514469)	<0.5	7.34	<1	113	1.5	7	0.88	0.7	12	<0.5	15.1	7.0	0.31	20
D73954 (514470)	<0.5	7.23	1	122	1.2	9	0.70	1.3	14	1.5	27.0	19.1	0.48	25
D73955 (514471)	0.5	7.35	<1	178	2.8	257	0.87	<0.5	28	5.3	32.5	77.1	1.46	28
D73956 (514472)	<0.5	7.04	3	1080	1.9	<1	1.94	4.3	36	34.9	61.2	285	4.89	19
D73957 (514473)	1.1	6.29	39	240	1.1	<1	2.98	29.7	28	45.0	65.8	339	5.08	18
D73958 (514474)	0.9	6.18	36	238	1.1	<1	3.01	28.5	28	44.8	63.0	331	5.16	18

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 09, 2019	DATE RECEIVED: Sep 10, 2019					DATE REPORTED: Sep 30, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D73887 (514403)	<1	2.06	18	46	0.81	237	5.4	2.87	3.8	222	<20	<50	0.05	<1	
D73888 (514404)	<1	4.71	6	8	0.07	128	8.3	2.38	1.8	136	32	56	0.02	<1	
D73889 (514405)	<1	1.68	23	36	0.92	507	6.9	2.65	19.7	480	<20	<50	0.63	<1	
D73890 (514406)	<1	1.55	20	47	1.04	606	6.5	3.00	18.9	470	<20	<50	0.19	<1	
D73891 (514407)	<1	1.40	23	42	1.28	434	5.3	3.57	18.6	510	<20	<50	0.12	<1	
D73892 (514408)	<1	0.03	<2	1	3.59	153	2.5	0.05	1.1	84	<20	<50	0.18	<1	
D73893 (514409)	<1	0.45	7	30	3.00	1490	3.7	2.44	115	472	<20	<50	0.11	<1	
D73894 (514410)	<1	0.34	9	21	2.20	1910	3.1	2.23	130	570	<20	<50	0.18	<1	
D73895 (514411)	<1	1.07	8	39	2.86	1500	3.0	2.39	116	505	<20	<50	0.11	<1	
D73896 (514412)	<1	1.68	11	54	2.52	1280	3.1	2.41	114	526	<20	59	0.15	<1	
D73897 (514413)	<1	2.82	11	5	0.08	401	3.9	3.75	2.8	77	33	<50	0.05	<1	
D73898 (514414)	<1	2.82	11	5	0.05	373	4.4	3.70	1.6	77	33	<50	0.04	<1	
D73899 (514415)	<1	1.30	13	11	0.12	354	4.9	4.34	9.4	94	20	<50	0.08	<1	
D73900 (514416)	<1	0.69	11	34	2.69	1630	3.9	2.41	120	597	<20	<50	0.17	<1	
D73901 (514417)	<1	1.62	71	32	8.80	1660	2.5	0.94	326	2970	<20	<50	0.23	<1	
D73902 (514418)	<1	0.39	9	29	2.98	1660	2.5	2.05	122	528	<20	<50	0.19	<1	
D73903 (514419)	<1	0.31	9	35	3.42	1720	2.7	2.13	127	511	<20	<50	0.14	<1	
D73904 (514420)	<1	0.33	7	28	3.20	1720	3.0	2.09	115	460	<20	<50	0.13	<1	
D73905 (514421)	<1	0.36	8	28	2.73	1750	3.1	2.20	120	477	<20	<50	0.19	<1	
D73906 (514422)	<1	0.44	9	10	4.43	1300	1.9	2.40	103	817	<20	<50	0.11	<1	
D73907 (514423)	<1	0.36	8	33	3.05	1540	2.8	2.37	117	492	<20	<50	0.14	<1	
D73908 (514424)	<1	0.61	8	24	3.07	1660	2.6	2.05	113	537	<20	<50	0.12	<1	
D73909 (514425)	<1	1.02	11	13	0.66	614	4.9	3.63	29.8	157	<20	<50	0.20	<1	
D73910 (514426)	<1	0.58	8	23	2.90	1630	4.8	2.19	115	504	<20	<50	0.13	<1	
D73911 (514427)	<1	0.44	8	23	2.82	1360	3.1	2.36	116	472	<20	<50	0.12	<1	
D73912 (514428)	<1	0.02	<2	1	1.29	108	1.5	0.03	1.2	67	<20	<50	0.08	<1	
D73913 (514429)	<1	1.78	28	57	1.28	422	3.8	3.24	15.9	922	<20	51	0.04	<1	
D73914 (514430)	<1	0.58	7	23	2.97	1320	3.3	2.42	111	436	<20	<50	0.15	<1	
D73915 (514431)	<1	0.55	12	20	2.90	1430	3.5	2.56	102	687	<20	<50	0.15	<1	
D73916 (514432)	<1	1.88	138	11	6.39	1950	2.6	1.21	122	5460	<20	<50	0.28	<1	
D73917 (514433)	<1	0.60	21	23	3.61	1470	4.4	2.61	112	1160	<20	<50	0.19	<1	
D73918 (514434)	<1	0.56	17	24	3.48	1430	4.9	2.62	113	943	<20	<50	0.18	<1	

Certified By:



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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 09, 2019	DATE RECEIVED: Sep 10, 2019					DATE REPORTED: Sep 30, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D73919 (514435)	<1	0.51	10	19	3.20	1520	3.2	2.58	107	417	<20	<50	0.20	<1	
D73920 (514436)	<1	2.44	59	13	8.09	1560	4.3	1.45	307	2320	<20	<50	0.26	<1	
D73921 (514437)	<1	1.59	37	31	1.67	754	3.6	3.41	40.6	1290	<20	<50	0.08	<1	
D73922 (514438)	<1	3.19	139	13	2.73	1350	3.4	1.91	42.1	499	<20	<50	0.21	<1	
D73923 (514439)	<1	1.37	28	28	2.06	934	3.8	2.50	70.8	1050	<20	<50	0.22	<1	
D73924 (514440)	<1	1.66	40	29	0.81	470	4.4	2.73	16.2	1100	<20	<50	0.14	<1	
D73925 (514441)	<1	1.27	23	23	0.69	509	4.6	2.83	20.8	514	<20	<50	0.12	<1	
D73926 (514442)	<1	0.20	3	12	4.38	1360	1.4	2.32	84.5	404	<20	<50	0.16	<1	
D73927 (514443)	<1	1.05	7	20	3.20	1360	3.2	2.12	111	432	<20	<50	0.16	<1	
D73928 (514444)	<1	0.80	8	21	3.35	1490	3.2	2.56	112	501	<20	<50	0.12	<1	
D73929 (514445)	<1	0.68	10	18	3.46	1480	2.4	2.50	119	560	<20	<50	0.17	<1	
D73930 (514446)	<1	1.05	7	19	2.99	1280	3.2	2.27	107	395	<20	<50	0.27	<1	
D73931 (514447)	<1	1.06	22	25	0.66	404	4.2	2.70	15.6	366	<20	<50	0.15	<1	
D73932 (514448)	<1	0.05	<2	2	2.42	114	2.3	0.08	1.1	75	<20	<50	0.07	<1	
D73933 (514449)	<1	1.09	20	38	0.66	542	4.1	2.41	17.9	465	<20	<50	0.11	<1	
D73934 (514450)	<1	1.17	20	34	0.61	627	4.8	2.45	14.8	385	<20	<50	0.10	<1	
D73935 (514451)	<1	1.32	23	33	0.95	1000	4.5	2.84	54.0	879	<20	<50	0.22	<1	
D73936 (514452)	<1	0.83	21	23	0.77	577	6.3	1.87	37.2	887	<20	<50	0.55	<1	
D73937 (514453)	<1	0.63	11	13	3.70	1120	7.1	1.84	77.6	432	<20	<50	0.12	<1	
D73938 (514454)	<1	0.62	11	13	3.68	1110	6.8	1.90	77.8	432	<20	<50	0.12	<1	
D73939 (514455)	<1	0.52	12	19	1.47	1350	7.1	1.21	73.3	675	<20	<50	0.69	<1	
D73940 (514456)	<1	1.15	31	31	1.42	1260	4.6	2.48	76.5	1410	<20	<50	0.22	<1	
D73941 (514457)	<1	5.59	7	3	0.06	503	4.2	2.82	2.7	168	40	106	0.04	<1	
D73942 (514458)	<1	4.75	9	3	0.03	255	4.0	3.65	1.4	140	34	89	0.03	<1	
D73943 (514459)	<1	1.60	24	40	1.91	1560	4.3	2.48	99.7	922	<20	73	0.19	<1	
D73944 (514460)	<1	1.12	8	4	0.12	134	5.1	3.96	7.8	95	23	<50	0.08	<1	
D73945 (514461)	<1	2.12	21	39	2.56	1690	3.5	2.50	92.3	909	<20	85	0.31	<1	
D73946 (514462)	<1	0.45	9	10	4.50	1320	1.8	2.45	105	842	<20	<50	0.11	<1	
D73947 (514463)	<1	2.75	10	4	0.14	221	4.4	3.88	7.1	101	22	<50	0.08	<1	
D73948 (514464)	<1	6.75	<2	<1	0.05	83	5.0	1.89	3.4	114	38	133	0.06	<1	
D73949 (514465)	<1	6.76	5	<1	0.07	103	4.7	2.04	4.3	105	106	127	0.11	<1	
D73950 (514466)	<1	5.25	4	2	0.05	145	6.0	1.70	5.3	83	104	97	0.18	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T516137

PROJECT: AGAT00780

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 09, 2019	DATE RECEIVED: Sep 10, 2019		DATE REPORTED: Sep 30, 2019		SAMPLE TYPE: Drill Core										
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D73951 (514467)	<1	6.34	11	2	0.06	125	5.1	2.19	6.5	132	126	120	0.50	<1	
D73952 (514468)	<1	0.02	<2	1	1.48	100	2.1	0.04	1.0	76	<20	<50	0.08	<1	
D73953 (514469)	<1	5.10	5	3	0.04	131	3.7	2.65	1.6	102	35	78	0.06	<1	
D73954 (514470)	<1	4.90	6	4	0.05	118	6.0	2.65	3.2	103	76	75	0.13	<1	
D73955 (514471)	<1	3.61	10	7	0.22	366	10.3	3.05	9.0	177	66	61	0.53	<1	
D73956 (514472)	<1	2.77	16	15	1.13	357	9.5	2.65	107	416	33	<50	2.20	<1	
D73957 (514473)	<1	3.45	13	6	1.40	577	7.7	2.44	103	499	21	<50	2.62	<1	
D73958 (514474)	<1	3.49	12	6	1.37	567	7.4	2.48	101	478	20	<50	2.59	<1	

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ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 09, 2019

DATE RECEIVED: Sep 10, 2019

DATE REPORTED: Sep 30, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D73887 (514403)	3	<10	<5	180	<10	<10	<5	0.10	<5	<50	9.5	<1	6	60.6
D73888 (514404)	2	<10	<5	76	<10	<10	12	0.02	<5	<50	2.2	<1	5	16.3
D73889 (514405)	8	<10	<5	197	<10	<10	<5	0.25	<5	<50	51.9	7	12	138
D73890 (514406)	8	<10	<5	244	<10	<10	<5	0.25	<5	<50	52.4	<1	10	71.9
D73891 (514407)	8	<10	<5	256	<10	<10	<5	0.24	<5	<50	50.7	<1	9	53.0
D73892 (514408)	<1	<10	<5	56	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	4.7
D73893 (514409)	23	<10	<5	248	<10	<10	<5	0.77	<5	<50	172	<1	21	123
D73894 (514410)	27	<10	<5	314	<10	<10	<5	0.96	<5	<50	203	<1	26	142
D73895 (514411)	25	<10	<5	210	<10	<10	<5	0.84	<5	<50	185	<1	24	156
D73896 (514412)	26	<10	7	120	<10	<10	<5	0.90	<5	<50	190	<1	27	223
D73897 (514413)	6	<10	<5	40	<10	<10	13	0.02	<5	<50	4.1	<1	19	22.2
D73898 (514414)	5	<10	<5	41	<10	<10	14	0.02	<5	<50	2.3	<1	19	19.6
D73899 (514415)	6	<10	<5	67	<10	<10	12	0.04	<5	<50	7.2	<1	14	31.0
D73900 (514416)	25	<10	<5	250	<10	<10	<5	0.91	<5	<50	192	<1	27	146
D73901 (514417)	25	<10	<5	874	<10	<10	<5	2.23	<5	<50	304	<1	26	111
D73902 (514418)	25	<10	<5	251	<10	<10	<5	0.91	<5	<50	186	<1	25	135
D73903 (514419)	27	<10	<5	292	<10	<10	<5	0.97	<5	<50	193	<1	27	138
D73904 (514420)	24	<10	<5	190	<10	<10	<5	0.87	<5	<50	187	<1	24	128
D73905 (514421)	24	<10	<5	254	<10	<10	<5	0.86	<5	<50	183	<1	24	123
D73906 (514422)	34	<10	<5	241	<10	<10	<5	0.85	<5	<50	238	<1	22	95.3
D73907 (514423)	25	<10	<5	221	<10	<10	<5	0.88	<5	<50	187	<1	24	123
D73908 (514424)	24	<10	<5	216	<10	<10	<5	0.87	<5	<50	183	<1	24	127
D73909 (514425)	5	<10	<5	197	<10	<10	8	0.17	<5	<50	33.6	<1	14	55.6
D73910 (514426)	25	<10	<5	309	<10	<10	<5	0.90	<5	<50	187	<1	23	132
D73911 (514427)	25	<10	<5	287	<10	<10	<5	0.88	<5	<50	190	<1	24	130
D73912 (514428)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	1.7	<1	2	3.0
D73913 (514429)	8	<10	<5	198	<10	<10	<5	0.32	<5	<50	58.1	<1	10	87.1
D73914 (514430)	23	<10	6	240	<10	<10	<5	0.82	<5	<50	180	<1	23	126
D73915 (514431)	22	<10	<5	331	<10	<10	<5	0.81	<5	<50	175	<1	24	119
D73916 (514432)	22	<10	<5	1660	<10	<10	<5	1.15	<5	<50	253	<1	48	139
D73917 (514433)	23	<10	<5	433	<10	<10	<5	0.85	<5	<50	185	<1	25	127
D73918 (514434)	23	<10	<5	388	<10	<10	<5	0.83	<5	<50	182	<1	24	122

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ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 09, 2019	DATE RECEIVED: Sep 10, 2019					DATE REPORTED: Sep 30, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D73919 (514435)	24	<10	<5	312	<10	<10	<5	0.79	<5	<50	180	<1	23	130	
D73920 (514436)	23	<10	<5	833	<10	<10	<5	2.25	<5	<50	314	<1	26	117	
D73921 (514437)	11	<10	<5	295	<10	<10	<5	0.45	<5	<50	84.9	<1	15	74.2	
D73922 (514438)	8	<10	<5	442	<10	<10	64	0.18	<5	<50	45.7	<1	15	559	
D73923 (514439)	18	<10	<5	266	<10	<10	<5	0.62	<5	<50	131	<1	18	139	
D73924 (514440)	7	<10	<5	251	<10	<10	<5	0.28	<5	<50	50.0	<1	12	79.4	
D73925 (514441)	8	<10	<5	241	<10	<10	<5	0.27	<5	<50	50.9	<1	12	76.3	
D73926 (514442)	46	<10	<5	107	<10	<10	<5	0.66	<5	<50	308	<1	22	83.0	
D73927 (514443)	24	<10	<5	252	<10	<10	<5	0.82	<5	<50	184	<1	23	131	
D73928 (514444)	24	<10	<5	258	<10	<10	<5	0.80	<5	<50	182	<1	27	122	
D73929 (514445)	23	<10	<5	308	<10	<10	<5	0.86	<5	<50	182	<1	23	126	
D73930 (514446)	23	<10	5	285	<10	<10	<5	0.81	<5	<50	178	<1	22	278	
D73931 (514447)	6	<10	<5	250	<10	<10	<5	0.22	<5	<50	41.9	<1	10	62.4	
D73932 (514448)	<1	<10	<5	64	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	3.4	
D73933 (514449)	7	<10	<5	279	<10	<10	<5	0.23	<5	<50	49.8	<1	10	68.3	
D73934 (514450)	7	<10	<5	252	<10	<10	<5	0.24	<5	<50	40.3	<1	13	82.9	
D73935 (514451)	15	<10	<5	390	<10	<10	<5	0.49	<5	<50	99.5	3	16	101	
D73936 (514452)	8	<10	<5	351	<10	<10	<5	0.34	<5	<50	65.1	4	10	366	
D73937 (514453)	33	<10	<5	207	<10	<10	<5	0.40	<5	<50	198	<1	14	109	
D73938 (514454)	33	<10	<5	213	<10	<10	<5	0.42	<5	<50	201	<1	14	108	
D73939 (514455)	16	<10	<5	298	<10	<10	<5	0.59	<5	<50	106	<1	15	109	
D73940 (514456)	19	<10	<5	421	<10	<10	<5	0.74	<5	<50	134	<1	23	140	
D73941 (514457)	4	<10	<5	62	12	<10	12	0.01	<5	<50	2.7	<1	19	68.6	
D73942 (514458)	3	<10	<5	43	<10	<10	12	<0.01	<5	<50	1.4	<1	12	28.8	
D73943 (514459)	27	<10	8	274	<10	<10	<5	0.97	<5	<50	183	<1	42	313	
D73944 (514460)	3	<10	<5	44	<10	<10	7	0.05	<5	<50	8.0	<1	6	55.2	
D73945 (514461)	27	<10	11	126	<10	<10	<5	0.81	<5	<50	158	<1	38	384	
D73946 (514462)	34	<10	<5	247	<10	<10	<5	0.86	<5	<50	239	<1	22	93.9	
D73947 (514463)	2	<10	<5	59	<10	<10	9	0.02	<5	<50	5.8	<1	8	28.7	
D73948 (514464)	1	<10	<5	37	<10	<10	<5	<0.01	<5	<50	2.2	<1	2	33.8	
D73949 (514465)	1	<10	<5	42	<10	<10	6	<0.01	<5	<50	3.0	<1	4	137	
D73950 (514466)	2	<10	<5	36	<10	<10	5	0.01	<5	<50	2.7	<1	5	260	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T516137

PROJECT: AGAT00780

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 09, 2019	DATE RECEIVED: Sep 10, 2019					DATE REPORTED: Sep 30, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:														
D73951 (514467)	2	<10	<5	47	<10	<10	15	<0.01	<5	<50	3.3	<1	8	643	
D73952 (514468)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	4.5	
D73953 (514469)	2	<10	<5	43	<10	<10	5	<0.01	<5	<50	1.3	<1	6	336	
D73954 (514470)	3	<10	<5	40	<10	<10	5	0.01	<5	<50	2.6	<1	5	606	
D73955 (514471)	5	<10	<5	61	<10	<10	15	0.04	<5	<50	10.0	<1	19	206	
D73956 (514472)	11	<10	<5	120	<10	<10	<5	0.23	<5	<50	60.5	<1	11	1850	
D73957 (514473)	14	<10	<5	138	<10	<10	<5	0.21	<5	<50	71.8	<1	8	6190	
D73958 (514474)	14	<10	<5	139	<10	<10	<5	0.20	<5	<50	70.2	<1	8	5980	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 09, 2019      DATE RECEIVED: Sep 10, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D73887 (514403)				110
D73888 (514404)				25
D73889 (514405)				113
D73890 (514406)				122
D73891 (514407)				102
D73892 (514408)				<5
D73893 (514409)				20
D73894 (514410)				15
D73895 (514411)				44
D73896 (514412)				57
D73897 (514413)				30
D73898 (514414)				32
D73899 (514415)				25
D73900 (514416)				47
D73901 (514417)				335
D73902 (514418)				25
D73903 (514419)				20
D73904 (514420)				22
D73905 (514421)				20
D73906 (514422)				95
D73907 (514423)				23
D73908 (514424)				26
D73909 (514425)				41
D73910 (514426)				17
D73911 (514427)				20
D73912 (514428)				<5
D73913 (514429)				114
D73914 (514430)				30
D73915 (514431)				38
D73916 (514432)				32
D73917 (514433)				72
D73918 (514434)				55

Certified By:



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PROJECT: AGAT00780

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CLIENT NAME: GOLDCORP BORDEN LIMITED

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 09, 2019      DATE RECEIVED: Sep 10, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D73919 (514435)				29
D73920 (514436)				186
D73921 (514437)				84
D73922 (514438)				62
D73923 (514439)				35
D73924 (514440)				104
D73925 (514441)				101
D73926 (514442)				57
D73927 (514443)				25
D73928 (514444)				47
D73929 (514445)				39
D73930 (514446)				23
D73931 (514447)				101
D73932 (514448)				<5
D73933 (514449)				89
D73934 (514450)				137
D73935 (514451)				52
D73936 (514452)				34
D73937 (514453)				53
D73938 (514454)				54
D73939 (514455)				16
D73940 (514456)				41
D73941 (514457)				24
D73942 (514458)				17
D73943 (514459)				55
D73944 (514460)				19
D73945 (514461)				58
D73946 (514462)				94
D73947 (514463)				18
D73948 (514464)				<5
D73949 (514465)				12
D73950 (514466)				9

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T516137

PROJECT: AGAT00780

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

**(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish**

DATE SAMPLED: Sep 09, 2019

DATE RECEIVED: Sep 10, 2019

DATE REPORTED: Sep 30, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D73951 (514467)	31
D73952 (514468)	<5
D73953 (514469)	13
D73954 (514470)	11
D73955 (514471)	41
D73956 (514472)	99
D73957 (514473)	70
D73958 (514474)	69

Comments: RDL - Reported Detection Limit

514403-514474 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T516137

PROJECT: AGAT00780

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 09, 2019      DATE RECEIVED: Sep 10, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D73887 (514403)			0.002
D73888 (514404)			<0.001
D73889 (514405)			0.004
D73890 (514406)			0.002
D73891 (514407)			<0.001
D73892 (514408)			<0.001
D73893 (514409)			<0.001
D73894 (514410)			0.001
D73895 (514411)			<0.001
D73896 (514412)			0.001
D73897 (514413)			<0.001
D73898 (514414)			<0.001
D73899 (514415)			<0.001
D73900 (514416)			<0.001
D73901 (514417)			<0.001
D73902 (514418)			<0.001
D73903 (514419)			0.001
D73904 (514420)			0.002
D73905 (514421)			0.001
D73906 (514422)			0.332
D73907 (514423)			0.002
D73908 (514424)			<0.001
D73909 (514425)			0.002
D73910 (514426)			<0.001
D73911 (514427)			<0.001
D73912 (514428)			<0.001
D73913 (514429)			0.002
D73914 (514430)			0.002
D73915 (514431)			0.002
D73916 (514432)			0.002
D73917 (514433)			<0.001
D73918 (514434)			0.001

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T516137

PROJECT: AGAT00780

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 09, 2019      DATE RECEIVED: Sep 10, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D73919 (514435)		0.001	
D73920 (514436)		<0.001	
D73921 (514437)		<0.001	
D73922 (514438)		0.011	
D73923 (514439)		0.003	
D73924 (514440)		0.007	
D73925 (514441)		0.001	
D73926 (514442)		0.516	
D73927 (514443)		<0.001	
D73928 (514444)		0.001	
D73929 (514445)		0.001	
D73930 (514446)		0.003	
D73931 (514447)		<0.001	
D73932 (514448)		<0.001	
D73933 (514449)		<0.001	
D73934 (514450)		0.025	
D73935 (514451)		0.080	
D73936 (514452)		0.611	
D73937 (514453)		0.017	
D73938 (514454)		0.016	
D73939 (514455)		0.065	
D73940 (514456)		0.020	
D73941 (514457)		0.002	
D73942 (514458)		0.002	
D73943 (514459)		0.006	
D73944 (514460)		0.017	
D73945 (514461)		0.016	
D73946 (514462)		0.326	
D73947 (514463)		0.009	
D73948 (514464)		0.004	
D73949 (514465)		0.003	
D73950 (514466)		0.005	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T516137

PROJECT: AGAT00780

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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 09, 2019      DATE RECEIVED: Sep 10, 2019      DATE REPORTED: Sep 30, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au	ppm	0.001	
D73951 (514467)				0.056
D73952 (514468)				<0.001
D73953 (514469)				0.012
D73954 (514470)				0.010
D73955 (514471)				0.213
D73956 (514472)				0.004
D73957 (514473)				0.009
D73958 (514474)				0.005

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T516137

PROJECT: AGAT00780

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CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Sep 09, 2019	DATE RECEIVED: Sep 10, 2019	DATE REPORTED: Sep 30, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D73887 (514403)		83.88
D73905 (514421)		77.51
D73925 (514441)		87.87
D73945 (514461)		88.32

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T516137

PROJECT: AGAT00780

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Sep 09, 2019	DATE RECEIVED: Sep 10, 2019	DATE REPORTED: Sep 30, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D73887 (514403)		92
D73913 (514429)		89.9

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	514403	< 0.5	< 0.5	0.0%	514417	0.5	0.6	18.2%	514428	< 0.5	< 0.5	0.0%	514441	< 0.5	< 0.5	0.0%
Al	514403	7.15	7.23	1.1%	514417	3.86	3.89	0.8%	514428	0.09	0.08	11.8%	514441	8.00	7.95	0.6%
As	514403	< 1	< 1	0.0%	514417	< 1	< 1	0.0%	514428	< 1	1		514441	< 1	< 1	0.0%
Ba	514403	326	329	0.9%	514417	868	869	0.1%	514428	18	17	5.7%	514441	393	399	1.5%
Be	514403	1.36	1.33	2.2%	514417	2.6	2.6	0.0%	514428	< 0.5	< 0.5	0.0%	514441	1.4	1.4	0.0%
Bi	514403	< 1	< 1	0.0%	514417	< 1	< 1	0.0%	514428	< 1	< 1	0.0%	514441	< 1	< 1	0.0%
Ca	514403	1.77	1.77	0.0%	514417	8.79	8.88	1.0%	514428	30.1	30.8	2.3%	514441	2.96	3.01	1.7%
Cd	514403	< 0.5	< 0.5	0.0%	514417	< 0.5	< 0.5	0.0%	514428	< 0.5	< 0.5	0.0%	514441	< 0.5	< 0.5	0.0%
Ce	514403	36	37	2.7%	514417	164	162	1.2%	514428	< 1	< 1	0.0%	514441	48	50	4.1%
Co	514403	2.3	2.4	4.3%	514417	55.7	54.5	2.2%	514428	0.6	0.8	28.6%	514441	10.3	10.5	1.9%
Cr	514403	17.7	19.0	7.1%	514417	528	545	3.2%	514428	7.1	8.3	15.6%	514441	28.1	30.9	9.5%
Cu	514403	9.23	9.31	0.9%	514417	114	115	0.9%	514428	< 0.5	0.6		514441	38.3	38.9	1.6%
Fe	514403	1.57	1.58	0.6%	514417	9.99	10.1	1.1%	514428	0.212	0.192	9.9%	514441	2.95	2.93	0.7%
Ga	514403	16	16	0.0%	514417	20	20	0.0%	514428	< 5	< 5	0.0%	514441	18	18	0.0%
In	514403	< 1	< 1	0.0%	514417	< 1	< 1	0.0%	514428	< 1	< 1	0.0%	514441	< 1	< 1	0.0%
K	514403	2.06	2.08	1.0%	514417	1.62	1.63	0.6%	514428	0.02	0.03	40.0%	514441	1.27	1.28	0.8%
La	514403	18	19	5.4%	514417	71	72	1.4%	514428	< 2	< 2	0.0%	514441	23	22	4.4%
Li	514403	46	46	0.0%	514417	32	32	0.0%	514428	1	1	0.0%	514441	23	23	0.0%
Mg	514403	0.814	0.815	0.1%	514417	8.80	8.94	1.6%	514428	1.29	1.36	5.3%	514441	0.688	0.685	0.4%
Mn	514403	237	235	0.8%	514417	1660	1690	1.8%	514428	108	106	1.9%	514441	509	504	1.0%
Mo	514403	5.44	6.03	10.3%	514417	2.55	2.71	6.1%	514428	1.5	1.6	6.5%	514441	4.6	4.6	0.0%
Na	514403	2.87	2.91	1.4%	514417	0.940	0.955	1.6%	514428	0.035	0.035	0.0%	514441	2.83	2.89	2.1%
Ni	514403	3.8	3.3	14.1%	514417	326	331	1.5%	514428	1.2	1.5	22.2%	514441	20.8	21.0	1.0%
P	514403	222	215	3.2%	514417	2970	2950	0.7%	514428	67	74	9.9%	514441	514	514	0.0%
Pb	514403	< 20	< 20	0.0%	514417	< 20	< 20	0.0%	514428	< 20	< 20	0.0%	514441	< 20	< 20	0.0%
Rb	514403	< 50	< 50	0.0%	514417	< 50	< 50	0.0%	514428	< 50	< 50	0.0%	514441	< 50	< 50	0.0%
S	514403	0.047	0.044	6.6%	514417	0.23	0.23	0.0%	514428	0.08	0.09	11.8%	514441	0.12	0.12	0.0%
Sb	514403	< 1	< 1	0.0%	514417	< 1	< 1	0.0%	514428	< 1	< 1	0.0%	514441	< 1	< 1	0.0%
Sc	514403	3	3	0.0%	514417	25	25	0.0%	514428	< 1	1		514441	8	8	0.0%
Se	514403	< 10	< 10	0.0%	514417	< 10	< 10	0.0%	514428	< 10	< 10	0.0%	514441	< 10	< 10	0.0%
Sn	514403	< 5	< 5	0.0%	514417	< 5	< 5	0.0%	514428	< 5	< 5	0.0%	514441	< 5	< 5	0.0%

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	514403	180	181	0.6%	514417	874	890	1.8%	514428	68	70	2.9%	514441	241	244	1.2%
Ta	514403	< 10	< 10	0.0%	514417	< 10	< 10	0.0%	514428	< 10	< 10	0.0%	514441	< 10	< 10	0.0%
Te	514403	< 10	< 10	0.0%	514417	< 10	< 10	0.0%	514428	< 10	< 10	0.0%	514441	< 10	< 10	0.0%
Th	514403	< 5	< 5	0.0%	514417	< 5	< 5	0.0%	514428	< 5	< 5	0.0%	514441	< 5	< 5	0.0%
Ti	514403	0.095	0.094	1.1%	514417	2.23	2.28	2.2%	514428	< 0.01	< 0.01	0.0%	514441	0.273	0.277	1.5%
Tl	514403	< 5	< 5	0.0%	514417	< 5	< 5	0.0%	514428	< 5	< 5	0.0%	514441	< 5	< 5	0.0%
U	514403	< 50	< 50	0.0%	514417	< 50	< 50	0.0%	514428	< 50	< 50	0.0%	514441	< 50	< 50	0.0%
V	514403	9.49	9.03	5.0%	514417	304	308	1.3%	514428	1.7	1.5	12.5%	514441	50.9	51.1	0.4%
W	514403	< 1	< 1	0.0%	514417	< 1	< 1	0.0%	514428	< 1	< 1	0.0%	514441	< 1	< 1	0.0%
Y	514403	6	6	0.0%	514417	26	26	0.0%	514428	2	2	0.0%	514441	12	12	0.0%
Zn	514403	60.6	58.9	2.8%	514417	111	117	5.3%	514428	3.0	4.0	28.6%	514441	76.3	77.1	1.0%
Zr	514403	110	113	2.7%	514417	335	330	1.5%	514428	< 5	< 5	0.0%	514441	101	108	6.7%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	514453	< 0.5	< 0.5	0.0%	514467	< 0.5	< 0.5	0.0%								
Al	514453	8.32	8.44	1.4%	514467	7.64	7.65	0.1%								
As	514453	< 1	< 1	0.0%	514467	< 1	2									
Ba	514453	225	237	5.2%	514467	135	132	2.2%								
Be	514453	0.6	0.6	0.0%	514467	1.5	1.5	0.0%								
Bi	514453	< 1	< 1	0.0%	514467	22	22	0.0%								
Ca	514453	6.67	6.86	2.8%	514467	0.56	0.56	0.0%								
Cd	514453	< 0.5	< 0.5	0.0%	514467	1.34	1.35	0.7%								
Ce	514453	24	25	4.1%	514467	25	27	7.7%								
Co	514453	32.9	33.5	1.8%	514467	6.12	6.18	1.0%								
Cr	514453	120	108	10.5%	514467	20.6	27.4	28.3%								
Cu	514453	88.4	90.7	2.6%	514467	73.1	70.6	3.5%								
Fe	514453	6.20	6.37	2.7%	514467	0.783	0.792	1.1%								
Ga	514453	15	16	6.5%	514467	24	24	0.0%								
In	514453	< 1	< 1	0.0%	514467	< 1	< 1	0.0%								
K	514453	0.63	0.64	1.6%	514467	6.34	6.13	3.4%								
La	514453	11	11	0.0%	514467	11	11	0.0%								
Li	514453	13	14	7.4%	514467	2	2	0.0%								
Mg	514453	3.70	3.73	0.8%	514467	0.06	0.06	0.0%								
Mn	514453	1120	1120	0.0%	514467	125	129	3.1%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	514453	7.09	6.91	2.6%	514467	5.13	5.80	12.3%								
Na	514453	1.84	1.90	3.2%	514467	2.19	2.15	1.8%								
Ni	514453	77.6	78.8	1.5%	514467	6.52	6.75	3.5%								
P	514453	432	438	1.4%	514467	132	136	3.0%								
Pb	514453	< 20	< 20	0.0%	514467	126	128	1.6%								
Rb	514453	< 50	< 50	0.0%	514467	120	120	0.0%								
S	514453	0.12	0.12	0.0%	514467	0.500	0.485	3.0%								
Sb	514453	< 1	< 1	0.0%	514467	< 1	< 1	0.0%								
Sc	514453	33	33	0.0%	514467	2	2	0.0%								
Se	514453	< 10	< 10	0.0%	514467	< 10	< 10	0.0%								
Sn	514453	< 5	< 5	0.0%	514467	< 5	< 5	0.0%								
Sr	514453	207	214	3.3%	514467	47	46	2.2%								
Ta	514453	< 10	< 10	0.0%	514467	< 10	< 10	0.0%								
Te	514453	< 10	< 10	0.0%	514467	< 10	< 10	0.0%								
Th	514453	< 5	< 5	0.0%	514467	15	16	6.5%								
Ti	514453	0.40	0.41	2.5%	514467	< 0.01	< 0.01	0.0%								
Tl	514453	< 5	< 5	0.0%	514467	< 5	< 5	0.0%								
U	514453	< 50	< 50	0.0%	514467	< 50	< 50	0.0%								
V	514453	198	201	1.5%	514467	3.34	3.41	2.1%								
W	514453	< 1	< 1	0.0%	514467	< 1	< 1	0.0%								
Y	514453	14	14	0.0%	514467	8	8	0.0%								
Zn	514453	109	111	1.8%	514467	643	633	1.6%								
Zr	514453	53	55	3.7%	514467	31	33	6.3%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	514403	0.002	< 0.001		514417	< 0.001	< 0.001	0.0%	514428	< 0.001	0.021		514441	0.001	< 0.001	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	514453	0.0168	0.0145	14.7%	514467	0.056	0.061	8.5%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GSP7M)				CRM #2 (ref.GSP5G)				CRM #3 (ref.GS6F)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	2.87	95%	90% - 110%
Al	10.95	10.88	99%	90% - 110%	8.17	8.27	101%	90% - 110%	6.96	6.96	100%	90% - 110%	4.75	4.87	102%	90% - 110%
As					26	21	82%	90% - 110%	124	123	99%	90% - 110%				
Ba	340	329	97%	90% - 110%	540	506	94%	90% - 110%	186	179	96%	90% - 110%	216	209	97%	90% - 110%
Be	2.6	2.8	107%	90% - 110%	4.0	3.3	83%	90% - 110%								
Ca	5.72	5.58	98%	90% - 110%	0.907	0.875	97%	90% - 110%	4.01	3.84	96%	90% - 110%	10	9	90%	90% - 110%
Ce	122	123	101%	90% - 110%	98	107	110%	90% - 110%	24	23	97%	90% - 110%				
Co									22.1	20.5	93%	90% - 110%	191	171	89%	90% - 110%
Cr					60.3	65	108%	90% - 110%					670	513	77%	90% - 110%
Cu					150	145	97%	90% - 110%	88.6	78.7	89%	90% - 110%	7120	7077	99%	90% - 110%
Fe	4.34	4.02	93%	90% - 110%	3.77	3.62	96%	90% - 110%	7.56	7.23	96%	90% - 110%	12.71	11.64	92%	90% - 110%
Ga	35	35	101%	90% - 110%												
K	1.37	1.43	104%	90% - 110%					2.021	2.055	102%	90% - 110%	0.1021	0.103	101%	90% - 110%
La	58	57	99%	90% - 110%	44	45	102%	90% - 110%					8.47	8.07	95%	90% - 110%
Li	37	38	102%	90% - 110%	47	46	98%	90% - 110%								
Mg	0.325	0.301	93%	90% - 110%	1.10	1.1	100%	90% - 110%	2.412	2.473	103%	90% - 110%	7.41	7.62	103%	90% - 110%
Mn					780	751	96%	90% - 110%	1510	1447	96%	90% - 110%				
Mo					14	14	102%	90% - 110%					2.49	3.17	127%	90% - 110%
Na	5.267	5.58	106%	90% - 110%	1.624	1.731	107%	90% - 110%	0.617	0.665	108%	90% - 110%	0.112	0.122	109%	90% - 110%
Ni					32	32	101%	90% - 110%	77.1	70	91%	90% - 110%	2480	2072	84%	90% - 110%
P					750	720	96%	90% - 110%	892	822	92%	90% - 110%	731	663	91%	90% - 110%
Pb	10	8	82%	90% - 110%	31	28	92%	90% - 110%								
S									0.348	0.35	101%	90% - 110%				
Sc	1.1	1	90%	90% - 110%	12	13	107%	90% - 110%					21.33	21.5	101%	90% - 110%
Sr	1191	1143	96%	90% - 110%	144	146	102%	90% - 110%	92.8	86.9	94%	90% - 110%	39	37	95%	90% - 110%
Ti	0.172	0.169	98%	90% - 110%	0.53	0.49	92%	90% - 110%					0.419	0.407	97%	90% - 110%
V	8	8	98%	90% - 110%	77	81	105%	90% - 110%					158	165	104%	90% - 110%
Y	119	127	107%	90% - 110%									12.67	12.97	102%	90% - 110%
Zn	93	97	104%	90% - 110%	130	128	99%	90% - 110%	208	212	102%	90% - 110%	112	114	102%	90% - 110%
Zr													35.7	39.5	111%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GSP7M)				CRM #2 (ref.GSP5G)				CRM #3 (ref.GS6F)				CRM #4 (ref.GS4H)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.725	0.722	100%	90% - 110%	0.562	0.513	91%	90% - 110%	6.87	6.38	93%	90% - 110%	5.01	4.9	98%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00780  
 SAMPLING SITE:

AGAT WORK ORDER: 19T516137  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE



CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00739R

AGAT WORK ORDER: 19T518565

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Sep 30, 2019

PAGES (INCLUDING COVER): 5

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T518565

PROJECT: AGAT00739R

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 16, 2019	DATE RECEIVED: Sep 17, 2019	DATE REPORTED: Sep 30, 2019	SAMPLE TYPE: Rock
Analyte: Au	Unit: ppm	RDL: 0.001	
Sample ID (AGAT ID)			
C66956 (532499)	<0.001		
C66957 (532500)	0.003		
C66958 (532501)	0.005		
C66959 (532502)	0.009		
C66960 (532503)	0.008		
C66961 (532504)	0.026		
C66962 (532505)	0.008		
C66963 (532506)	0.001		
C66964 (532507)	0.001		
C66965 (532508)	0.002		
C66966 (532509)	0.518		
C66967 (532510)	0.003		
C66968 (532511)	0.007		
C66969 (532512)	0.008		
C66970 (532513)	0.003		

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	Sample ID	REPLICATE #1			RPD										
		Original	Replicate	RPD											
Au	532513	0.003	0.003	0.0%											



**AGAT** Laboratories

Quality Assurance - Certified Reference materials  
 AGAT WORK ORDER: 19T518565  
 PROJECT: AGAT00739R

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GSP5G)													
	Expect	Actual	Recovery	Limits										
Au	0.562	0.564	100%	90% - 110%										

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19T518565

PROJECT: AGAT00739R

ATTENTION TO: Craig Yuill

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Au	MIN-12006, MIN-12004		ICP/OES

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00786

AGAT WORK ORDER: 19T520316

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Oct 07, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T520316

PROJECT: AGAT00786

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 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 18, 2019      DATE RECEIVED: Sep 19, 2019      DATE REPORTED: Oct 07, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
B74911 (543644)		3.11
B74912 (543645)		.67
B74913 (543646)		2.16
B74914 (543647)		.93
B74915 (543648)		3.99
B74916 (543649)		3.12
B74917 (543650)		3.45
B74918 (543651)		3.45
B74919 (543652)		3.23
B74920 (543653)		3.42
B74921 (543654)		3.90
B74922 (543655)		3.58
B74923 (543656)		3.54
B74924 (543657)		3.55
B74925 (543658)		3.50
B74926 (543659)		.10
B74927 (543660)		3.56
B74928 (543661)		3.87
B74929 (543662)		3.82
B74930 (543663)		3.64
B74931 (543664)		3.18
B74932 (543665)		.62
B74933 (543666)		3.44
B74934 (543667)		3.05
B74935 (543668)		1.29
B74936 (543669)		.89
B74937 (543670)		3.35
B74938 (543671)		3.35
B74939 (543672)		2.96
B74940 (543673)		3.23
B74941 (543674)		3.21

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T520316

PROJECT: AGAT00786

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 18, 2019

DATE RECEIVED: Sep 19, 2019

DATE REPORTED: Oct 07, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
B74942 (543675)		3.40
B74943 (543676)		3.57
B74944 (543677)		3.31
B74945 (543678)		3.14
B74946 (543679)		.10
B74947 (543680)		3.09
B74948 (543681)		3.43
B74949 (543682)		3.31
B74950 (543683)		3.48
B74951 (543684)		3.40
B74952 (543685)		.71
B74953 (543686)		3.39
B74954 (543687)		3.41
B74955 (543688)		3.37
B74956 (543689)		2.41
B74957 (543690)		2.34
B74958 (543691)		2.34
B74959 (543692)		2.25
B74960 (543693)		3.36
B74961 (543694)		3.51
B74962 (543695)		1.41
B74963 (543696)		2.86
B74964 (543697)		2.51
B74965 (543698)		3.39
B74966 (543699)		.10
B74967 (543700)		3.33
B74968 (543701)		3.36
B74969 (543702)		3.34
B74970 (543703)		2.59
B74971 (543704)		2.02
B74972 (543705)		.68

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T520316

PROJECT: AGAT00786

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Sep 18, 2019

DATE RECEIVED: Sep 19, 2019

DATE REPORTED: Oct 07, 2019


SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
B74973 (543706)		2.36
B74974 (543707)		3.32
B74975 (543708)		3.13
B74976 (543709)		3.43
B74977 (543710)		3.80
B74978 (543711)		3.80
B74979 (543712)		3.46
B74980 (543713)		3.40
B74981 (543714)		3.40
B74982 (543715)		2.96

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T520316

PROJECT: AGAT00786

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 18, 2019	DATE RECEIVED: Sep 19, 2019							DATE REPORTED: Oct 07, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
B74911 (543644)	<0.5	7.50	1	29	1.6	<1	1.45	<0.5	7	0.5	11.2	2.4	0.43	17	
B74912 (543645)	<0.5	0.07	2	23	<0.5	<1	31.2	<0.5	<1	<0.5	4.5	<0.5	0.15	<5	
B74913 (543646)	<0.5	6.73	<1	26	1.2	<1	1.50	<0.5	9	1.4	12.2	12.5	0.89	15	
B74914 (543647)	<0.5	7.66	<1	228	1.1	<1	5.42	<0.5	11	41.5	89.5	62.7	9.90	22	
B74915 (543648)	<0.5	7.66	<1	144	1.1	<1	6.48	<0.5	12	44.4	89.6	106	10.7	22	
B74916 (543649)	<0.5	7.38	<1	169	1.2	<1	5.02	0.6	13	43.8	56.7	122	11.1	24	
B74917 (543650)	<0.5	7.12	<1	110	2.1	<1	5.62	<0.5	13	39.3	42.0	77.3	10.7	25	
B74918 (543651)	0.9	7.13	<1	105	2.1	<1	5.69	<0.5	13	41.0	43.9	79.7	10.6	25	
B74919 (543652)	<0.5	7.29	<1	158	1.6	<1	6.47	0.6	42	46.0	65.0	83.0	9.78	22	
B74920 (543653)	<0.5	7.17	<1	302	1.4	<1	7.09	<0.5	69	44.5	64.8	81.7	9.97	22	
B74921 (543654)	<0.5	7.28	<1	194	1.3	<1	5.94	0.7	18	43.1	52.6	116	11.6	22	
B74922 (543655)	<0.5	7.33	<1	71	1.0	<1	6.02	<0.5	11	41.7	52.1	95.1	11.4	24	
B74923 (543656)	<0.5	7.61	<1	181	1.1	<1	5.20	<0.5	12	41.2	35.7	92.2	10.6	23	
B74924 (543657)	<0.5	7.49	<1	93	0.9	<1	5.26	<0.5	10	40.5	35.4	105	10.6	24	
B74925 (543658)	<0.5	7.71	<1	167	1.0	<1	4.61	0.5	11	41.9	36.2	99.8	10.9	25	
B74926 (543659)	<0.5	7.64	<1	188	1.3	<1	6.29	<0.5	21	36.3	158	107	8.18	20	
B74927 (543660)	<0.5	7.85	<1	144	1.1	<1	4.15	<0.5	10	45.3	39.2	82.6	12.7	25	
B74928 (543661)	<0.5	8.23	<1	140	1.1	<1	3.51	<0.5	11	44.1	34.5	77.1	12.7	26	
B74929 (543662)	<0.5	7.80	<1	141	1.2	<1	5.00	<0.5	12	39.0	31.9	82.0	10.3	24	
B74930 (543663)	<0.5	7.08	<1	87	1.6	<1	6.18	<0.5	10	37.8	33.7	83.9	10.2	23	
B74931 (543664)	<0.5	7.70	<1	96	1.0	<1	7.31	<0.5	8	44.4	50.8	142	11.2	21	
B74932 (543665)	<0.5	0.09	<1	19	<0.5	<1	29.4	<0.5	<1	0.7	5.0	<0.5	0.22	<5	
B74933 (543666)	<0.5	7.98	<1	67	1.2	<1	5.00	<0.5	9	42.8	60.5	112	9.84	23	
B74934 (543667)	<0.5	8.39	<1	117	1.2	<1	4.43	<0.5	11	43.3	57.0	129	10.6	22	
B74935 (543668)	<0.5	8.13	<1	367	1.5	<1	3.48	<0.5	41	21.2	81.9	60.5	5.41	20	
B74936 (543669)	<0.5	7.85	1	418	2.0	<1	1.92	<0.5	24	8.0	28.4	38.6	1.92	21	
B74937 (543670)	<0.5	7.92	<1	446	1.4	<1	3.93	<0.5	45	20.2	95.8	50.9	5.38	20	
B74938 (543671)	<0.5	8.10	<1	457	1.5	<1	3.82	<0.5	46	21.6	85.4	53.2	5.39	20	
B74939 (543672)	<0.5	8.13	<1	512	1.2	<1	3.77	<0.5	43	22.3	89.8	67.0	5.57	20	
B74940 (543673)	<0.5	8.08	<1	465	1.2	<1	3.49	<0.5	42	22.2	89.9	41.2	5.69	19	
B74941 (543674)	<0.5	8.05	<1	411	1.2	<1	3.44	<0.5	42	21.9	86.5	51.7	5.27	20	
B74942 (543675)	<0.5	7.90	<1	431	1.1	<1	3.41	<0.5	41	21.5	79.1	55.0	5.43	19	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T520316

PROJECT: AGAT00786

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 18, 2019	DATE RECEIVED: Sep 19, 2019							DATE REPORTED: Oct 07, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
B74943 (543676)	<0.5	7.77	<1	572	1.4	<1	3.80	<0.5	50	20.7	83.2	60.8	5.26	19	
B74944 (543677)	<0.5	7.70	<1	514	1.6	<1	3.02	<0.5	84	18.6	62.9	56.1	4.75	19	
B74945 (543678)	<0.5	7.83	<1	529	1.4	<1	2.81	<0.5	43	17.0	68.6	38.5	4.59	19	
B74946 (543679)	<0.5	7.57	<1	146	0.9	<1	6.67	<0.5	9	37.1	138	161	8.46	19	
B74947 (543680)	<0.5	7.24	<1	495	1.6	<1	3.00	<0.5	51	16.1	75.3	37.8	4.56	18	
B74948 (543681)	<0.5	8.03	<1	502	1.7	<1	3.38	<0.5	46	18.7	77.1	39.5	4.82	20	
B74949 (543682)	<0.5	7.74	<1	494	1.6	<1	2.67	<0.5	48	17.3	66.2	39.7	4.38	18	
B74950 (543683)	<0.5	6.68	<1	516	1.9	<1	3.47	<0.5	59	29.8	208	54.4	5.88	18	
B74951 (543684)	<0.5	7.98	<1	521	1.3	<1	3.01	<0.5	48	17.5	76.8	35.8	4.82	20	
B74952 (543685)	<0.5	0.08	2	27	<0.5	<1	29.5	<0.5	<1	0.6	3.5	<0.5	0.15	<5	
B74953 (543686)	<0.5	7.71	<1	537	1.2	<1	2.98	<0.5	42	16.3	65.1	46.2	4.53	19	
B74954 (543687)	<0.5	6.51	2	1020	3.3	<1	3.28	<0.5	39	18.5	101	57.6	4.61	17	
B74955 (543688)	<0.5	7.92	<1	659	1.6	<1	2.50	<0.5	50	15.9	65.0	35.5	4.26	19	
B74956 (543689)	<0.5	7.49	<1	654	1.7	<1	2.81	<0.5	49	16.9	74.0	29.5	4.05	18	
B74957 (543690)	<0.5	7.26	<1	652	1.3	<1	2.22	<0.5	48	15.4	72.9	34.3	3.79	17	
B74958 (543691)	<0.5	7.27	<1	646	1.3	<1	2.12	<0.5	50	15.5	75.5	36.3	3.77	18	
B74959 (543692)	<0.5	7.97	<1	757	1.8	<1	2.69	<0.5	50	15.4	82.6	35.2	4.10	19	
B74960 (543693)	<0.5	7.67	<1	601	1.8	<1	2.53	<0.5	52	17.2	77.4	41.5	4.21	19	
B74961 (543694)	<0.5	7.61	<1	643	1.6	<1	2.55	<0.5	52	16.1	77.0	35.7	3.89	18	
B74962 (543695)	<0.5	7.80	<1	704	2.7	<1	2.52	<0.5	45	13.5	55.1	30.1	3.87	19	
B74963 (543696)	<0.5	8.09	2	683	1.3	<1	2.80	<0.5	59	17.3	69.0	41.8	4.67	20	
B74964 (543697)	<0.5	7.69	<1	692	1.7	<1	2.57	<0.5	56	14.6	76.0	36.9	3.81	19	
B74965 (543698)	<0.5	7.78	<1	697	1.9	<1	3.14	<0.5	56	16.4	76.8	72.1	3.86	19	
B74966 (543699)	<0.5	7.37	<1	140	0.9	<1	6.45	<0.5	9	37.6	149	152	8.12	18	
B74967 (543700)	<0.5	8.00	<1	1010	1.4	<1	3.09	<0.5	53	16.7	80.1	21.7	3.85	19	
B74968 (543701)	<0.5	7.71	<1	735	1.6	<1	3.08	<0.5	55	16.8	86.0	45.7	3.99	19	
B74969 (543702)	<0.5	7.07	<1	839	2.8	<1	4.12	<0.5	52	25.9	218	59.6	5.26	19	
B74970 (543703)	<0.5	5.97	<1	989	3.5	<1	6.05	<0.5	98	38.9	388	84.7	7.81	22	
B74971 (543704)	<0.5	5.36	<1	912	4.8	<1	6.86	<0.5	118	45.8	486	117	9.46	22	
B74972 (543705)	<0.5	0.15	<1	27	<0.5	<1	25.2	<0.5	<1	1.3	19.0	0.9	0.41	<5	
B74973 (543706)	<0.5	6.14	6	685	3.4	<1	3.84	<0.5	43	21.9	253	<0.5	4.50	15	
B74974 (543707)	<0.5	5.52	<1	583	2.6	<1	4.83	<0.5	44	37.3	466	42.7	5.47	13	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T520316

PROJECT: AGAT00786

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 18, 2019		DATE RECEIVED: Sep 19, 2019						DATE REPORTED: Oct 07, 2019				SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
B74975 (543708)		<0.5	6.74	2	983	2.1	<1	4.75	<0.5	50	31.3	388	34.3	5.14	16
B74976 (543709)		<0.5	6.91	<1	1090	1.7	<1	4.93	<0.5	52	33.1	377	28.8	5.40	16
B74977 (543710)		<0.5	7.05	<1	806	2.0	<1	4.32	<0.5	53	26.2	223	33.1	4.90	16
B74978 (543711)		<0.5	6.96	<1	730	1.9	<1	4.22	<0.5	52	26.2	246	31.6	4.85	17
B74979 (543712)		<0.5	6.85	<1	842	1.5	<1	5.15	<0.5	56	32.5	267	51.9	6.04	18
B74980 (543713)		<0.5	7.30	<1	694	1.9	<1	4.37	<0.5	53	27.4	175	32.1	5.39	18
B74981 (543714)		<0.5	7.67	<1	663	1.7	<1	4.09	<0.5	55	24.7	162	32.5	5.08	20
B74982 (543715)		<0.5	7.46	17	851	2.4	<1	2.99	0.5	55	20.2	107	36.9	3.71	20

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## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 18, 2019	DATE RECEIVED: Sep 19, 2019					DATE REPORTED: Oct 07, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
B74911 (543644)	<1	0.80	4	<1	0.03	86	7.2	4.10	3.5	27	<20	<50	0.01	<1	
B74912 (543645)	<1	0.01	<2	<1	1.32	91	2.5	0.03	1.1	86	<20	<50	0.03	<1	
B74913 (543646)	<1	0.49	5	4	0.12	583	5.4	3.66	4.7	21	31	<50	0.01	<1	
B74914 (543647)	<1	1.06	3	42	2.94	1760	4.0	2.05	83.6	389	<20	<50	0.09	<1	
B74915 (543648)	<1	0.50	4	18	2.73	2230	3.7	1.83	83.7	422	<20	<50	0.14	<1	
B74916 (543649)	<1	0.47	4	20	3.53	2000	3.8	1.90	58.7	504	<20	<50	0.21	<1	
B74917 (543650)	<1	0.44	4	27	3.11	1500	3.4	1.93	55.7	502	<20	<50	0.09	<1	
B74918 (543651)	<1	0.47	5	26	3.05	1510	3.5	1.88	58.0	504	<20	<50	0.09	<1	
B74919 (543652)	<1	0.28	20	35	3.11	1590	4.3	2.26	82.0	869	<20	<50	0.08	<1	
B74920 (543653)	<1	0.29	36	29	2.96	2060	4.1	2.23	68.9	934	<20	<50	0.11	<1	
B74921 (543654)	<1	0.40	6	25	2.65	2420	3.8	1.68	56.0	699	<20	<50	0.26	<1	
B74922 (543655)	<1	0.22	3	21	2.86	2210	3.7	1.73	51.7	403	<20	<50	0.15	2	
B74923 (543656)	<1	0.50	4	26	2.98	1620	3.3	1.83	41.3	378	<20	<50	0.13	<1	
B74924 (543657)	<1	0.17	3	22	3.30	1480	3.3	1.80	43.3	361	<20	<50	0.12	<1	
B74925 (543658)	<1	0.41	3	22	2.99	1630	3.4	1.60	46.1	382	<20	<50	0.10	<1	
B74926 (543659)	<1	0.45	9	8	4.56	1320	2.0	2.42	104	824	<20	<50	0.09	<1	
B74927 (543660)	<1	0.64	3	22	2.51	2280	4.3	1.03	48.1	440	<20	<50	0.12	1	
B74928 (543661)	<1	0.82	3	24	2.03	2240	4.8	1.08	47.3	430	<20	<50	0.10	<1	
B74929 (543662)	<1	0.49	4	20	2.55	1820	3.7	1.70	41.3	383	<20	<50	0.09	<1	
B74930 (543663)	<1	0.48	3	14	2.76	1990	3.4	1.54	42.1	327	<20	<50	0.10	<1	
B74931 (543664)	<1	0.86	3	10	2.47	2880	3.5	0.77	64.8	303	<20	<50	0.22	<1	
B74932 (543665)	<1	0.01	<2	<1	1.73	107	2.4	0.03	1.4	69	<20	<50	0.03	<1	
B74933 (543666)	<1	0.45	3	26	3.94	1440	3.3	1.85	72.1	340	<20	<50	0.14	<1	
B74934 (543667)	<1	0.66	4	20	2.36	2150	3.9	1.52	66.0	451	<20	<50	0.24	<1	
B74935 (543668)	<1	1.52	19	28	1.87	1030	3.4	2.36	58.7	731	<20	<50	0.11	<1	
B74936 (543669)	<1	1.84	11	14	0.63	359	3.4	3.63	20.0	242	<20	<50	0.06	<1	
B74937 (543670)	<1	1.32	20	27	2.04	989	6.5	2.78	54.8	724	<20	<50	0.09	<1	
B74938 (543671)	<1	1.37	21	27	2.04	976	5.7	2.78	58.2	733	<20	<50	0.09	<1	
B74939 (543672)	<1	1.27	20	25	2.14	965	5.6	2.82	57.6	734	<20	<50	0.11	<1	
B74940 (543673)	<1	1.27	19	30	2.07	1060	5.0	2.82	58.0	671	<20	<50	0.08	<1	
B74941 (543674)	<1	1.16	20	27	2.04	914	5.7	3.11	56.3	645	<20	<50	0.10	<1	
B74942 (543675)	<1	1.25	19	24	2.02	1010	6.1	2.87	54.0	613	<20	<50	0.12	<1	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T520316

PROJECT: AGAT00786

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 18, 2019	DATE RECEIVED: Sep 19, 2019					DATE REPORTED: Oct 07, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
B74943 (543676)	<1	1.33	23	18	1.88	971	5.9	3.09	53.0	647	<20	<50	0.13	<1	
B74944 (543677)	<1	1.84	37	25	1.81	854	4.5	3.17	48.0	509	<20	<50	0.14	<1	
B74945 (543678)	<1	1.59	20	22	1.72	816	4.7	3.05	46.3	580	<20	<50	0.12	1	
B74946 (543679)	<1	0.21	3	11	4.60	1390	1.9	2.42	83.6	414	<20	<50	0.16	<1	
B74947 (543680)	<1	1.59	23	20	1.60	830	8.6	3.08	46.4	546	<20	<50	0.11	<1	
B74948 (543681)	<1	1.33	22	21	1.86	861	4.3	3.29	50.4	647	<20	<50	0.11	<1	
B74949 (543682)	<1	1.41	22	28	1.65	781	4.9	3.32	46.1	658	<20	<50	0.13	<1	
B74950 (543683)	<1	1.62	27	26	4.24	926	5.5	2.84	190	988	<20	<50	0.15	<1	
B74951 (543684)	<1	1.54	22	26	1.74	889	4.8	3.05	49.2	677	<20	<50	0.13	<1	
B74952 (543685)	<1	0.02	<2	<1	1.97	104	1.5	0.03	1.0	78	<20	<50	0.03	<1	
B74953 (543686)	<1	1.64	20	23	1.64	801	4.1	2.75	47.5	634	<20	<50	0.20	<1	
B74954 (543687)	<1	2.51	18	32	1.84	854	6.9	2.81	50.9	460	<20	<50	0.12	<1	
B74955 (543688)	<1	1.81	22	22	1.59	741	3.9	3.02	41.6	642	<20	<50	0.12	<1	
B74956 (543689)	<1	1.85	24	23	1.70	715	3.9	3.01	46.5	619	<20	<50	0.10	<1	
B74957 (543690)	<1	1.67	23	25	1.56	589	4.4	2.82	43.7	644	<20	<50	0.11	<1	
B74958 (543691)	<1	1.71	24	25	1.57	584	4.0	2.76	42.7	625	<20	<50	0.11	<1	
B74959 (543692)	<1	1.83	24	20	1.58	698	3.3	3.16	44.2	749	<20	<50	0.12	<1	
B74960 (543693)	<1	1.95	24	32	1.65	696	3.6	2.81	47.5	638	<20	<50	0.13	<1	
B74961 (543694)	<1	1.74	25	27	1.61	622	4.3	2.84	45.0	633	<20	<50	0.11	<1	
B74962 (543695)	<1	2.96	21	111	1.43	681	2.9	3.76	40.0	805	<20	<50	0.09	<1	
B74963 (543696)	<1	1.56	27	16	1.61	901	5.1	3.23	46.2	800	<20	<50	0.13	<1	
B74964 (543697)	<1	1.76	27	47	1.74	593	5.3	3.33	43.9	667	<20	<50	0.09	<1	
B74965 (543698)	<1	1.83	27	25	1.90	641	2.3	3.19	52.8	717	<20	<50	0.06	<1	
B74966 (543699)	<1	0.21	3	10	4.51	1370	1.9	2.29	82.7	397	<20	<50	0.16	<1	
B74967 (543700)	<1	2.47	25	27	1.88	550	3.2	2.62	46.5	712	<20	<50	0.04	<1	
B74968 (543701)	<1	2.17	25	30	1.98	624	3.1	2.76	47.4	706	<20	<50	0.02	<1	
B74969 (543702)	<1	2.24	23	37	4.23	952	3.0	2.51	85.9	1120	<20	<50	0.04	<1	
B74970 (543703)	<1	2.13	41	20	6.76	1210	2.8	2.47	256	2060	<20	<50	0.14	<1	
B74971 (543704)	<1	2.70	51	23	7.56	1320	2.7	1.82	314	2780	21	<50	0.21	<1	
B74972 (543705)	<1	0.05	3	<1	1.61	121	5.6	0.06	6.0	115	<20	<50	0.03	1	
B74973 (543706)	<1	2.71	20	58	4.15	845	3.4	2.49	95.9	931	47	<50	0.02	<1	
B74974 (543707)	<1	2.56	21	48	7.25	992	2.4	1.88	204	1000	<20	<50	0.12	<1	

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AGAT WORK ORDER: 19T520316

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 18, 2019		DATE RECEIVED: Sep 19, 2019					DATE REPORTED: Oct 07, 2019					SAMPLE TYPE: Drill Core				
Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1	
B74975 (543708)		<1	2.86	24	67	5.76	895	2.0	2.20	149	1240	<20	<50	0.05	<1	
B74976 (543709)		<1	2.91	24	38	6.31	952	1.7	2.14	165	1260	<20	<50	0.03	<1	
B74977 (543710)		<1	2.40	24	38	4.68	919	2.6	2.42	102	1150	<20	<50	0.04	<1	
B74978 (543711)		<1	2.34	24	37	4.60	908	3.0	2.39	99.1	1150	<20	<50	0.04	<1	
B74979 (543712)		<1	1.89	25	27	5.09	1080	2.2	2.33	95.5	1120	<20	<50	0.06	<1	
B74980 (543713)		<1	1.97	24	32	4.18	926	2.6	2.73	71.8	1050	<20	<50	0.04	<1	
B74981 (543714)		<1	2.18	26	33	3.86	993	2.4	2.96	63.9	1070	<20	<50	0.04	1	
B74982 (543715)		<1	2.28	26	71	2.19	696	3.5	3.24	50.2	811	41	<50	0.06	<1	

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DATE SAMPLED: Sep 18, 2019	DATE RECEIVED: Sep 19, 2019					DATE REPORTED: Oct 07, 2019					SAMPLE TYPE: Drill Core				
Analyte: Unit: RDL:	Sc ppm 1	Se ppm 10	Sn ppm 5	Sr ppm 1	Ta ppm 10	Te ppm 10	Th ppm 5	Ti % 0.01	Tl ppm 5	U ppm 50	V ppm 0.5	W ppm 1	Y ppm 1	Zn ppm 0.5	
Sample ID (AGAT ID)	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
B74911 (543644)	<1	<10	<5	54	<10	<10	15	0.01	<5	<50	2.6	<1	2	9.3	
B74912 (543645)	<1	<10	<5	72	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	2.8	
B74913 (543646)	5	<10	<5	48	<10	<10	24	0.02	<5	<50	8.5	<1	18	18.1	
B74914 (543647)	47	<10	<5	116	<10	<10	<5	0.75	<5	<50	328	<1	28	118	
B74915 (543648)	47	<10	<5	104	<10	<10	<5	0.80	<5	<50	327	<1	31	112	
B74916 (543649)	46	<10	<5	90	<10	<10	<5	0.88	<5	<50	341	<1	32	153	
B74917 (543650)	47	<10	<5	142	<10	<10	<5	0.88	<5	<50	353	<1	33	107	
B74918 (543651)	48	<10	<5	141	<10	<10	<5	0.87	<5	<50	353	<1	34	107	
B74919 (543652)	48	<10	<5	257	<10	<10	<5	0.83	<5	<50	340	<1	37	127	
B74920 (543653)	46	<10	<5	401	<10	<10	<5	0.82	<5	<50	326	<1	36	126	
B74921 (543654)	47	<10	<5	115	<10	<10	<5	0.87	<5	<50	353	<1	34	200	
B74922 (543655)	48	<10	<5	95	<10	<10	<5	0.87	<5	<50	374	<1	30	130	
B74923 (543656)	49	<10	<5	106	<10	<10	<5	0.76	<5	<50	367	<1	29	114	
B74924 (543657)	48	<10	<5	146	<10	<10	<5	0.74	<5	<50	360	<1	29	104	
B74925 (543658)	49	<10	<5	113	<10	<10	<5	0.74	<5	<50	367	<1	29	110	
B74926 (543659)	34	<10	<5	237	<10	<10	<5	0.85	<5	<50	238	<1	22	88.0	
B74927 (543660)	50	<10	<5	83	<10	<10	<5	0.76	<5	<50	378	<1	30	113	
B74928 (543661)	53	<10	<5	88	<10	<10	<5	0.81	<5	<50	389	<1	32	114	
B74929 (543662)	47	<10	<5	102	<10	<10	<5	0.72	<5	<50	342	<1	32	102	
B74930 (543663)	47	<10	<5	81	<10	<10	<5	0.67	<5	<50	330	<1	29	97.1	
B74931 (543664)	47	<10	<5	79	<10	<10	<5	0.62	<5	<50	312	<1	26	128	
B74932 (543665)	1	<10	<5	66	<10	<10	<5	<0.01	<5	<50	2.5	<1	2	4.8	
B74933 (543666)	48	<10	<5	137	<10	<10	<5	0.64	<5	<50	323	<1	25	101	
B74934 (543667)	50	<10	<5	105	<10	<10	<5	0.66	<5	<50	332	<1	28	110	
B74935 (543668)	20	<10	<5	285	<10	<10	<5	0.46	<5	<50	139	<1	16	73.8	
B74936 (543669)	7	<10	<5	225	<10	<10	<5	0.14	<5	<50	45.8	<1	8	40.0	
B74937 (543670)	22	<10	<5	431	<10	<10	<5	0.43	<5	<50	150	<1	16	70.2	
B74938 (543671)	22	<10	<5	427	<10	<10	<5	0.42	<5	<50	155	<1	16	70.2	
B74939 (543672)	21	<10	<5	435	<10	<10	<5	0.44	<5	<50	154	<1	16	73.9	
B74940 (543673)	22	<10	<5	414	<10	<10	<5	0.44	<5	<50	157	<1	16	74.1	
B74941 (543674)	20	<10	<5	446	<10	<10	<5	0.43	<5	<50	144	<1	15	71.0	
B74942 (543675)	21	<10	<5	438	<10	<10	<5	0.44	<5	<50	150	<1	16	72.0	

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## Certificate of Analysis

AGAT WORK ORDER: 19T520316

PROJECT: AGAT00786

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 18, 2019	DATE RECEIVED: Sep 19, 2019					DATE REPORTED: Oct 07, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
B74943 (543676)	20	<10	<5	427	<10	<10	<5	0.40	<5	<50	135	<1	15	69.8	
B74944 (543677)	19	<10	<5	512	<10	<10	13	0.33	<5	<50	118	<1	14	74.8	
B74945 (543678)	16	<10	<5	456	<10	<10	<5	0.37	<5	<50	116	<1	14	68.1	
B74946 (543679)	46	<10	<5	108	<10	<10	<5	0.70	<5	<50	305	<1	22	79.5	
B74947 (543680)	17	<10	<5	447	<10	<10	<5	0.32	<5	<50	107	<1	13	61.6	
B74948 (543681)	18	<10	<5	566	<10	<10	<5	0.40	<5	<50	129	<1	14	70.6	
B74949 (543682)	16	<10	<5	461	<10	<10	<5	0.37	<5	<50	117	<1	14	68.6	
B74950 (543683)	17	<10	<5	450	<10	<10	<5	0.77	<5	<50	151	<1	16	77.5	
B74951 (543684)	17	<10	<5	392	<10	<10	<5	0.41	<5	<50	127	<1	15	71.5	
B74952 (543685)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	3.6	
B74953 (543686)	16	<10	<5	449	<10	<10	<5	0.41	<5	<50	116	<1	14	73.5	
B74954 (543687)	31	<10	<5	415	<10	<10	<5	0.41	<5	<50	179	<1	14	55.2	
B74955 (543688)	15	<10	<5	478	<10	<10	<5	0.35	<5	<50	110	<1	15	70.4	
B74956 (543689)	16	<10	<5	546	<10	<10	<5	0.35	<5	<50	111	<1	14	66.0	
B74957 (543690)	14	<10	<5	531	<10	<10	<5	0.36	<5	<50	108	<1	12	64.3	
B74958 (543691)	14	<10	<5	514	<10	<10	<5	0.35	<5	<50	110	<1	12	62.6	
B74959 (543692)	16	<10	<5	530	<10	<10	<5	0.35	<5	<50	115	<1	13	72.0	
B74960 (543693)	16	<10	<5	504	<10	<10	<5	0.37	<5	<50	117	<1	14	70.4	
B74961 (543694)	15	<10	<5	466	<10	<10	<5	0.35	<5	<50	114	<1	14	67.2	
B74962 (543695)	15	<10	<5	528	<10	<10	<5	0.25	<5	<50	118	<1	9	55.5	
B74963 (543696)	15	<10	<5	519	<10	<10	<5	0.39	<5	<50	115	<1	14	73.7	
B74964 (543697)	14	<10	<5	703	<10	<10	<5	0.32	<5	<50	106	<1	12	61.0	
B74965 (543698)	15	<10	<5	716	<10	<10	<5	0.34	<5	<50	113	<1	12	64.0	
B74966 (543699)	44	<10	<5	103	<10	<10	<5	0.67	<5	<50	299	<1	22	78.1	
B74967 (543700)	15	<10	<5	636	<10	<10	<5	0.34	<5	<50	111	<1	13	68.7	
B74968 (543701)	16	<10	<5	642	<10	<10	<5	0.36	<5	<50	119	<1	13	71.9	
B74969 (543702)	23	<10	<5	519	<10	<10	<5	0.42	<5	<50	144	<1	19	89.1	
B74970 (543703)	22	<10	<5	584	<10	<10	<5	1.58	<5	<50	233	<1	18	90.4	
B74971 (543704)	24	<10	<5	541	<10	<10	<5	1.95	<5	<50	272	<1	20	119	
B74972 (543705)	1	<10	<5	64	<10	<10	<5	0.03	<5	<50	4.5	<1	2	4.7	
B74973 (543706)	23	<10	<5	612	<10	<10	<5	0.24	<5	<50	118	<1	16	99.8	
B74974 (543707)	25	<10	<5	647	<10	<10	<5	0.25	<5	<50	127	<1	17	86.0	

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## Certificate of Analysis

AGAT WORK ORDER: 19T520316

PROJECT: AGAT00786

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 18, 2019		DATE RECEIVED: Sep 19, 2019					DATE REPORTED: Oct 07, 2019					SAMPLE TYPE: Drill Core			
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Sample ID (AGAT ID)															
B74975 (543708)	22	<10	<5	773	<10	<10	<5	0.31	<5	<50	129	<1	14	78.8	
B74976 (543709)	23	<10	<5	684	<10	<10	<5	0.33	<5	<50	134	<1	14	86.4	
B74977 (543710)	21	<10	<5	673	<10	<10	<5	0.34	<5	<50	125	<1	15	84.9	
B74978 (543711)	21	<10	<5	632	<10	<10	<5	0.34	<5	<50	126	<1	15	81.7	
B74979 (543712)	27	<10	<5	649	<10	<10	<5	0.39	<5	<50	160	<1	16	90.9	
B74980 (543713)	23	<10	<5	701	<10	<10	<5	0.37	<5	<50	148	<1	15	76.4	
B74981 (543714)	21	<10	<5	654	<10	<10	<5	0.37	<5	<50	138	<1	16	89.3	
B74982 (543715)	15	<10	<5	567	<10	<10	<5	0.30	<5	<50	99.1	<1	13	198	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 18, 2019      DATE RECEIVED: Sep 19, 2019      DATE REPORTED: Oct 07, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
B74911 (543644)				18
B74912 (543645)				<5
B74913 (543646)				57
B74914 (543647)				22
B74915 (543648)				23
B74916 (543649)				18
B74917 (543650)				22
B74918 (543651)				21
B74919 (543652)				20
B74920 (543653)				20
B74921 (543654)				18
B74922 (543655)				15
B74923 (543656)				17
B74924 (543657)				14
B74925 (543658)				15
B74926 (543659)				81
B74927 (543660)				18
B74928 (543661)				19
B74929 (543662)				20
B74930 (543663)				20
B74931 (543664)				14
B74932 (543665)				<5
B74933 (543666)				16
B74934 (543667)				23
B74935 (543668)				97
B74936 (543669)				41
B74937 (543670)				84
B74938 (543671)				89
B74939 (543672)				94
B74940 (543673)				107
B74941 (543674)				100
B74942 (543675)				93

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AGAT WORK ORDER: 19T520316

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 18, 2019      DATE RECEIVED: Sep 19, 2019      DATE REPORTED: Oct 07, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
B74943 (543676)				90
B74944 (543677)				96
B74945 (543678)				99
B74946 (543679)				55
B74947 (543680)				90
B74948 (543681)				107
B74949 (543682)				108
B74950 (543683)				144
B74951 (543684)				109
B74952 (543685)				<5
B74953 (543686)				94
B74954 (543687)				96
B74955 (543688)				104
B74956 (543689)				96
B74957 (543690)				95
B74958 (543691)				92
B74959 (543692)				100
B74960 (543693)				106
B74961 (543694)				106
B74962 (543695)				80
B74963 (543696)				112
B74964 (543697)				87
B74965 (543698)				105
B74966 (543699)				56
B74967 (543700)				83
B74968 (543701)				94
B74969 (543702)				108
B74970 (543703)				161
B74971 (543704)				186
B74972 (543705)				7
B74973 (543706)				92
B74974 (543707)				77

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AGAT WORK ORDER: 19T520316

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 18, 2019

DATE RECEIVED: Sep 19, 2019

DATE REPORTED: Oct 07, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
B74975 (543708)	98
B74976 (543709)	99
B74977 (543710)	101
B74978 (543711)	105
B74979 (543712)	99
B74980 (543713)	107
B74981 (543714)	94
B74982 (543715)	77

Comments: RDL - Reported Detection Limit

543644-543715 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T520316

PROJECT: AGAT00786

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 18, 2019      DATE RECEIVED: Sep 19, 2019      DATE REPORTED: Oct 07, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
B74911 (543644)			0.006
B74912 (543645)			0.002
B74913 (543646)			0.006
B74914 (543647)			0.003
B74915 (543648)			0.003
B74916 (543649)			0.004
B74917 (543650)			0.003
B74918 (543651)			0.005
B74919 (543652)			0.011
B74920 (543653)			0.003
B74921 (543654)			0.004
B74922 (543655)			0.003
B74923 (543656)			0.003
B74924 (543657)			0.002
B74925 (543658)			0.003
B74926 (543659)			0.341
B74927 (543660)			0.004
B74928 (543661)			0.004
B74929 (543662)			0.004
B74930 (543663)			0.002
B74931 (543664)			0.007
B74932 (543665)			0.002
B74933 (543666)			0.004
B74934 (543667)			0.005
B74935 (543668)			0.007
B74936 (543669)			0.004
B74937 (543670)			0.007
B74938 (543671)			0.005
B74939 (543672)			0.010
B74940 (543673)			0.005
B74941 (543674)			0.006
B74942 (543675)			0.006

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T520316

PROJECT: AGAT00786

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 18, 2019      DATE RECEIVED: Sep 19, 2019      DATE REPORTED: Oct 07, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
B74943 (543676)			0.009
B74944 (543677)			0.013
B74945 (543678)			0.014
B74946 (543679)			0.536
B74947 (543680)			0.032
B74948 (543681)			0.008
B74949 (543682)			0.014
B74950 (543683)			0.011
B74951 (543684)			0.011
B74952 (543685)			0.001
B74953 (543686)			0.013
B74954 (543687)			0.009
B74955 (543688)			0.017
B74956 (543689)			0.006
B74957 (543690)			0.005
B74958 (543691)			0.005
B74959 (543692)			0.009
B74960 (543693)			0.009
B74961 (543694)			0.006
B74962 (543695)			0.004
B74963 (543696)			0.016
B74964 (543697)			0.009
B74965 (543698)			0.007
B74966 (543699)			0.518
B74967 (543700)			0.005
B74968 (543701)			0.008
B74969 (543702)			0.004
B74970 (543703)			0.004
B74971 (543704)			0.003
B74972 (543705)			0.002
B74973 (543706)			0.002
B74974 (543707)			0.004

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T520316

PROJECT: AGAT00786

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 18, 2019      DATE RECEIVED: Sep 19, 2019      DATE REPORTED: Oct 07, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au	ppm	0.001	
B74975 (543708)				0.005
B74976 (543709)				0.003
B74977 (543710)				0.002
B74978 (543711)				0.003
B74979 (543712)				0.004
B74980 (543713)				0.003
B74981 (543714)				0.003
B74982 (543715)				0.004

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T520316

PROJECT: AGAT00786

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Crushing)

DATE SAMPLED: Sep 18, 2019

DATE RECEIVED: Sep 19, 2019

DATE REPORTED: Oct 07, 2019


SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
B74911 (543644)		77
B74933 (543666)		88
B74954 (543687)		88
B74960 (543693)		76
B74979 (543712)		83

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T520316

PROJECT: AGAT00786

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Sep 18, 2019

DATE RECEIVED: Sep 19, 2019

DATE REPORTED: Oct 07, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
B74911 (543644)		89
B74937 (543670)		90
B74964 (543697)		87

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	543644	< 0.5	< 0.5	0.0%	543660	< 0.5	< 0.5	0.0%	543672	< 0.5	< 0.5	0.0%	543687	< 0.5	< 0.5	0.0%
Al	543644	7.50	7.82	4.2%	543660	7.85	7.97	1.5%	543672	8.13	8.08	0.6%	543687	6.51	6.43	1.2%
As	543644	1	2		543660	< 1	< 1	0.0%	543672	< 1	< 1	0.0%	543687	2	1	
Ba	543644	29	29	0.0%	543660	144	144	0.0%	543672	512	509	0.6%	543687	1020	1030	1.0%
Be	543644	1.57	1.38	12.9%	543660	1.11	1.18	6.1%	543672	1.2	1.2	0.0%	543687	3.3	3.3	0.0%
Bi	543644	< 1	< 1	0.0%	543660	< 1	< 1	0.0%	543672	< 1	< 1	0.0%	543687	< 1	< 1	0.0%
Ca	543644	1.45	1.55	6.7%	543660	4.15	4.26	2.6%	543672	3.77	3.76	0.3%	543687	3.28	3.30	0.6%
Cd	543644	< 0.5	< 0.5	0.0%	543660	< 0.5	< 0.5	0.0%	543672	< 0.5	< 0.5	0.0%	543687	< 0.5	< 0.5	0.0%
Ce	543644	7	7	0.0%	543660	10	10	0.0%	543672	43	46	6.7%	543687	39	37	5.3%
Co	543644	0.5	0.4	22.2%	543660	45.3	43.5	4.1%	543672	22.3	22.6	1.3%	543687	18.5	18.2	1.6%
Cr	543644	11.2	11.6	3.5%	543660	39.2	35.0	11.3%	543672	89.8	87.2	2.9%	543687	101	88.7	13.0%
Cu	543644	2.41	2.13	12.3%	543660	82.6	82.3	0.4%	543672	67.0	72.4	7.7%	543687	57.6	57.1	0.9%
Fe	543644	0.430	0.411	4.5%	543660	12.7	13.0	2.3%	543672	5.57	5.52	0.9%	543687	4.61	4.65	0.9%
Ga	543644	17	19	11.1%	543660	25	25	0.0%	543672	20	20	0.0%	543687	17	17	0.0%
In	543644	< 1	< 1	0.0%	543660	< 1	< 1	0.0%	543672	< 1	< 1	0.0%	543687	< 1	< 1	0.0%
K	543644	0.80	0.81	1.2%	543660	0.645	0.646	0.2%	543672	1.27	1.27	0.0%	543687	2.51	2.47	1.6%
La	543644	4	4	0.0%	543660	3	3	0.0%	543672	20	21	4.9%	543687	18	17	5.7%
Li	543644	< 1	< 1	0.0%	543660	22	22	0.0%	543672	25	25	0.0%	543687	32	32	0.0%
Mg	543644	0.03	0.02		543660	2.51	2.54	1.2%	543672	2.14	2.11	1.4%	543687	1.84	1.85	0.5%
Mn	543644	86	81	6.0%	543660	2280	2360	3.4%	543672	965	949	1.7%	543687	854	855	0.1%
Mo	543644	7.2	7.2	0.0%	543660	4.3	5.2	18.9%	543672	5.6	6.4	13.3%	543687	6.9	6.4	7.5%
Na	543644	4.10	4.37	6.4%	543660	1.03	1.05	1.9%	543672	2.82	2.84	0.7%	543687	2.81	2.71	3.6%
Ni	543644	3.46	2.77	22.2%	543660	48.1	47.6	1.0%	543672	57.6	56.7	1.6%	543687	50.9	49.7	2.4%
P	543644	27	32	16.9%	543660	440	429	2.5%	543672	734	737	0.4%	543687	460	439	4.7%
Pb	543644	< 20	< 20	0.0%	543660	< 20	< 20	0.0%	543672	< 20	< 20	0.0%	543687	< 20	< 20	0.0%
Rb	543644	< 50	< 50	0.0%	543660	< 50	< 50	0.0%	543672	< 50	< 50	0.0%	543687	< 50	< 50	0.0%
S	543644	0.01	< 0.01		543660	0.117	0.115	1.7%	543672	0.114	0.120	5.1%	543687	0.12	0.12	0.0%
Sb	543644	< 1	< 1	0.0%	543660	1	< 1		543672	< 1	< 1	0.0%	543687	< 1	< 1	0.0%
Sc	543644	< 1	< 1	0.0%	543660	50	50	0.0%	543672	21	21	0.0%	543687	31	31	0.0%
Se	543644	< 10	< 10	0.0%	543660	< 10	< 10	0.0%	543672	< 10	< 10	0.0%	543687	< 10	< 10	0.0%
Sn	543644	< 5	< 5	0.0%	543660	< 5	< 5	0.0%	543672	< 5	< 5	0.0%	543687	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	543644	54	51	5.7%	543660	83	84	1.2%	543672	435	446	2.5%	543687	415	403	2.9%
Ta	543644	< 10	< 10	0.0%	543660	< 10	< 10	0.0%	543672	< 10	< 10	0.0%	543687	< 10	< 10	0.0%
Te	543644	< 10	< 10	0.0%	543660	< 10	< 10	0.0%	543672	< 10	< 10	0.0%	543687	< 10	< 10	0.0%
Th	543644	15	17	12.5%	543660	< 5	< 5	0.0%	543672	< 5	< 5	0.0%	543687	< 5	< 5	0.0%
Ti	543644	0.01	0.01	0.0%	543660	0.76	0.77	1.3%	543672	0.44	0.44	0.0%	543687	0.41	0.40	2.5%
Tl	543644	< 5	< 5	0.0%	543660	< 5	< 5	0.0%	543672	< 5	< 5	0.0%	543687	< 5	< 5	0.0%
U	543644	< 50	< 50	0.0%	543660	< 50	< 50	0.0%	543672	< 50	< 50	0.0%	543687	< 50	< 50	0.0%
V	543644	2.6	2.6	0.0%	543660	378	369	2.4%	543672	154	154	0.0%	543687	179	177	1.1%
W	543644	< 1	< 1	0.0%	543660	< 1	< 1	0.0%	543672	< 1	< 1	0.0%	543687	< 1	< 1	0.0%
Y	543644	2	2	0.0%	543660	30	30	0.0%	543672	16	16	0.0%	543687	14	14	0.0%
Zn	543644	9.30	8.83	5.2%	543660	113	112	0.9%	543672	73.9	72.2	2.3%	543687	55.2	54.8	0.7%
Zr	543644	18	19	5.4%	543660	18	18	0.0%	543672	94	99	5.2%	543687	96	94	2.1%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	543697	< 0.5	< 0.5	0.0%	543712	< 0.5	< 0.5	0.0%								
Al	543697	7.69	7.50	2.5%	543712	6.85	6.88	0.4%								
As	543697	< 1	< 1	0.0%	543712	< 1	< 1	0.0%								
Ba	543697	692	655	5.5%	543712	842	849	0.8%								
Be	543697	1.67	1.59	4.9%	543712	1.5	1.5	0.0%								
Bi	543697	< 1	< 1	0.0%	543712	< 1	< 1	0.0%								
Ca	543697	2.57	2.48	3.6%	543712	5.15	5.08	1.4%								
Cd	543697	< 0.5	< 0.5	0.0%	543712	< 0.5	< 0.5	0.0%								
Ce	543697	56	57	1.8%	543712	56	55	1.8%								
Co	543697	14.6	15.4	5.3%	543712	32.5	31.5	3.1%								
Cr	543697	76.0	78.2	2.9%	543712	267	253	5.4%								
Cu	543697	36.9	35.1	5.0%	543712	51.9	52.2	0.6%								
Fe	543697	3.81	3.62	5.1%	543712	6.04	6.05	0.2%								
Ga	543697	19	18	5.4%	543712	18	17	5.7%								
In	543697	< 1	< 1	0.0%	543712	< 1	< 1	0.0%								
K	543697	1.76	1.67	5.2%	543712	1.89	1.92	1.6%								
La	543697	27	28	3.6%	543712	25	25	0.0%								
Li	543697	47	38	21.2%	543712	27	27	0.0%								
Mg	543697	1.74	1.68	3.5%	543712	5.09	5.11	0.4%								
Mn	543697	593	569	4.1%	543712	1080	1080	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	543697	5.3	4.3	20.8%	543712	2.25	2.50	10.5%								
Na	543697	3.33	3.14	5.9%	543712	2.33	2.32	0.4%								
Ni	543697	43.9	45.2	2.9%	543712	95.5	92.7	3.0%								
P	543697	667	668	0.1%	543712	1120	1080	3.6%								
Pb	543697	< 20	< 20	0.0%	543712	< 20	< 20	0.0%								
Rb	543697	< 50	< 50	0.0%	543712	< 50	< 50	0.0%								
S	543697	0.09	0.09	0.0%	543712	0.06	0.06	0.0%								
Sb	543697	< 1	< 1	0.0%	543712	< 1	< 1	0.0%								
Sc	543697	14	14	0.0%	543712	27	26	3.8%								
Se	543697	< 10	< 10	0.0%	543712	< 10	< 10	0.0%								
Sn	543697	< 5	< 5	0.0%	543712	< 5	< 5	0.0%								
Sr	543697	703	689	2.0%	543712	649	637	1.9%								
Ta	543697	< 10	< 10	0.0%	543712	< 10	< 10	0.0%								
Te	543697	< 10	< 10	0.0%	543712	< 10	< 10	0.0%								
Th	543697	< 5	< 5	0.0%	543712	< 5	< 5	0.0%								
Ti	543697	0.32	0.31	3.2%	543712	0.39	0.39	0.0%								
Tl	543697	< 5	< 5	0.0%	543712	< 5	< 5	0.0%								
U	543697	< 50	< 50	0.0%	543712	< 50	< 50	0.0%								
V	543697	106	104	1.9%	543712	160	157	1.9%								
W	543697	< 1	< 1	0.0%	543712	< 1	< 1	0.0%								
Y	543697	12	12	0.0%	543712	16	16	0.0%								
Zn	543697	61.0	60.1	1.5%	543712	90.9	88.1	3.1%								
Zr	543697	87	92	5.6%	543712	99	95	4.1%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	543644	0.006	0.005	18.2%	543660	0.004	0.004	0.0%	543672	0.010	0.012	18.2%	543687	0.009	0.009	0.0%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	543697	0.009	0.006		543712	0.004	0.002									

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS4H)				CRM #2 (ref.GS6F)				CRM #3 (ref.WMG-1a)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag									3.03	2.73	90%	90% - 110%				
Al	10.95	11.16	102%	90% - 110%	8.17	8.51	104%	90% - 110%	4.75	5.08	107%	90% - 110%	6.96	7.2	103%	90% - 110%
As					26	23	90%	90% - 110%					124	117	94%	90% - 110%
Ba	340	322	95%	90% - 110%	540	514	95%	90% - 110%	216	207	96%	90% - 110%	186	181	97%	90% - 110%
Be	2.6	2.8	106%	90% - 110%	4.0	3.7	92%	90% - 110%								
Ca	5.72	5.27	92%	90% - 110%	0.907	0.874	96%	90% - 110%	10	9	90%	90% - 110%	4.01	3.8	95%	90% - 110%
Ce	122	115	94%	90% - 110%	98	99	101%	90% - 110%					24	22	91%	90% - 110%
Co									191	176	92%	90% - 110%	22.1	20	90%	90% - 110%
Cr					60.3	61.2	101%	90% - 110%	670	612	91%	90% - 110%				
Cu					150	154	103%	90% - 110%	7120	7531	106%	90% - 110%	88.6	87.2	98%	90% - 110%
Fe	4.34	4.19	97%	90% - 110%	3.77	3.89	103%	90% - 110%	12.71	12.35	97%	90% - 110%	7.56	7.73	102%	90% - 110%
Ga	35	38	108%	90% - 110%												
K	1.37	1.5	110%	90% - 110%					0.1021	0.1046	102%	90% - 110%	2.021	2.136	106%	90% - 110%
La	58	55	95%	90% - 110%	44	42	95%	90% - 110%	8.47	7.67	91%	90% - 110%				
Li	37	38	102%	90% - 110%	47	46	97%	90% - 110%								
Mg	0.325	0.306	94%	90% - 110%	1.10	1.13	102%	90% - 110%	7.41	7.8	105%	90% - 110%	2.412	2.536	105%	90% - 110%
Mn					780	755	97%	90% - 110%					1510	1429	95%	90% - 110%
Mo					14	14	100%	90% - 110%								
Na	5.267	5.68	108%	90% - 110%	1.624	1.75	108%	90% - 110%	0.112	0.122	109%	90% - 110%	0.617	0.666	108%	90% - 110%
Ni	9	6	71%	90% - 110%	32	32	100%	90% - 110%	2480	2398	96%	90% - 110%	77.1	70.4	91%	90% - 110%
P					750	710	95%	90% - 110%	731	702	96%	90% - 110%	892	864	97%	90% - 110%
Pb					31	28	92%	90% - 110%								
S													0.348	0.341	98%	90% - 110%
Sc	1.1	1	93%	90% - 110%	12	13	106%	90% - 110%	21.33	21.59	101%	90% - 110%				
Sr	1191	1105	93%	90% - 110%	144	144	100%	90% - 110%	39	37	95%	90% - 110%	92.8	85.4	92%	90% - 110%
Ti	0.172	0.168	98%	90% - 110%	0.53	0.49	92%	90% - 110%	0.419	0.414	99%	90% - 110%				
V	8	8	100%	90% - 110%	77	79	103%	90% - 110%	158	165	104%	90% - 110%				
Y	119	124	104%	90% - 110%					12.67	13.14	104%	90% - 110%				
Zn	93	85	92%	90% - 110%	130	119	91%	90% - 110%	112	106	95%	90% - 110%	208	198	95%	90% - 110%
Zr									35.7	36.7	103%	90% - 110%				

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS4H)				CRM #2 (ref.GS6F)				CRM #3 (ref.GSP7M)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.01	5.48	109%	90% - 110%	6.87	6.81	99%	90% - 110%	0.725	0.707	98%	90% - 110%	0.562	0.573	102%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00786  
 SAMPLING SITE:

AGAT WORK ORDER: 19T520316  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE



CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00787

AGAT WORK ORDER: 19T520318

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Oct 15, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

# Certificate of Analysis

AGAT WORK ORDER: 19T520318

PROJECT: AGAT00787

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Sep 18, 2019


DATE RECEIVED: Sep 19, 2019

DATE REPORTED: Oct 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D70423 (544076)		2.46
D70424 (544077)		2.58
D70425 (544078)		2.67
D70426 (544079)		.10
D70427 (544080)		2.44
D70428 (544081)		2.42
D70429 (544082)		2.34
D70430 (544083)		2.53
D70431 (544084)		1.30
D70432 (544085)		.71
D70433 (544086)		2.24
D70434 (544087)		3.53
D70435 (544088)		2.43
D70436 (544089)		2.69
D70437 (544090)		2.50
D70438 (544091)		2.50
D70439 (544092)		2.64
D70440 (544093)		2.10
D70441 (544094)		2.38
D70442 (544095)		1.10
D70443 (544096)		.77
D70444 (544097)		1.92
D70445 (544098)		2.25
D70446 (544099)		.10
D70447 (544100)		2.43
D70448 (544101)		2.29
D70449 (544102)		2.42
D70450 (544103)		2.43
D70451 (544104)		2.87
D70452 (544105)		.63
D70453 (544106)		2.49

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T520318

PROJECT: AGAT00787

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 18, 2019      DATE RECEIVED: Sep 19, 2019      DATE REPORTED: Oct 15, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D70454 (544107)		2.55
D70455 (544108)		1.53
D70456 (544109)		2.56
D70457 (544110)		1.90
D70458 (544111)		1.90
D70459 (544112)		2.54
D70460 (544113)		2.29
D70461 (544114)		2.64
D70462 (544115)		2.45
D70463 (544116)		3.20
D70464 (544117)		2.45
D70465 (544118)		2.63
D70466 (544119)		.10
D70467 (544120)		1.61
D70468 (544121)		1.43
D70469 (544122)		2.56
D70470 (544123)		2.42
D70471 (544124)		2.60
D70472 (544125)		.66
D70473 (544126)		2.56
D70474 (544127)		2.69
D70475 (544128)		2.73
D70476 (544129)		2.61
D70477 (544130)		2.30
D70478 (544131)		2.30
D70479 (544132)		2.65
D70480 (544133)		2.52
D70481 (544134)		2.60
D70482 (544135)		2.51
D70483 (544136)		2.54
D70484 (544137)		2.66

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T520318

PROJECT: AGAT00787

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 18, 2019      DATE RECEIVED: Sep 19, 2019      DATE REPORTED: Oct 15, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D70485 (544138)		2.59
D70486 (544139)		.10
D70487 (544140)		2.64
D70488 (544141)		2.55
D70489 (544142)		2.56
D70490 (544143)		2.18
D70491 (544144)		1.21
D70492 (544145)		.77
D70493 (544146)		2.34
D70494 (544147)		2.75

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T520318

PROJECT: AGAT00787

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 18, 2019

DATE RECEIVED: Sep 19, 2019

DATE REPORTED: Oct 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D70423 (544076)		<0.5	8.23	<1	222	0.8	<1	6.30	<0.5	11	46.2	177	126	7.52	21
D70424 (544077)		<0.5	8.20	4	260	0.7	<1	7.02	0.7	12	47.1	236	103	7.73	20
D70425 (544078)		<0.5	8.09	<1	181	0.6	<1	7.59	<0.5	9	45.2	107	169	7.63	21
D70426 (544079)		<0.5	7.39	<1	188	0.8	<1	6.34	<0.5	22	39.0	156	105	7.67	20
D70427 (544080)		<0.5	6.96	<1	365	0.7	<1	7.34	<0.5	16	46.2	134	132	8.35	18
D70428 (544081)		<0.5	7.93	<1	495	0.9	<1	7.40	<0.5	10	46.6	80.2	113	7.80	21
D70429 (544082)		<0.5	6.95	<1	561	0.9	<1	5.61	<0.5	14	41.0	43.7	112	9.47	23
D70430 (544083)		<0.5	6.09	<1	239	1.5	<1	6.41	<0.5	16	36.9	19.7	102	10.9	22
D70431 (544084)		<0.5	7.01	<1	334	1.0	<1	5.08	<0.5	16	33.7	27.1	112	10.1	24
D70432 (544085)		<0.5	0.39	<1	49	<0.5	<1	30.7	<0.5	<1	<0.5	3.8	0.6	0.21	<5
D70433 (544086)		<0.5	6.56	<1	349	3.6	<1	5.16	<0.5	17	38.0	28.9	65.6	10.5	24
D70434 (544087)		<0.5	5.60	<1	352	5.8	<1	4.85	<0.5	30	32.5	73.0	71.9	8.33	19
D70435 (544088)		<0.5	1.90	10	397	3.1	<1	9.00	<0.5	84	64.0	373	67.4	6.57	9
D70436 (544089)		<0.5	5.82	2	1110	4.5	<1	5.35	<0.5	92	29.5	37.9	80.7	7.70	21
D70437 (544090)		<0.5	6.72	<1	597	1.9	<1	4.65	<0.5	17	34.0	22.1	97.0	9.65	25
D70438 (544091)		<0.5	7.02	<1	598	1.7	<1	4.98	<0.5	17	32.0	32.6	78.8	10.2	24
D70439 (544092)		<0.5	6.87	<1	486	1.4	<1	5.52	<0.5	22	41.2	24.7	126	12.0	25
D70440 (544093)		<0.5	7.79	<1	1230	1.0	<1	4.75	<0.5	13	41.5	180	77.6	10.1	25
D70441 (544094)		<0.5	5.17	<1	1420	1.6	<1	8.96	<0.5	191	32.4	190	39.2	8.33	15
D70442 (544095)		<0.5	6.09	7	409	2.2	<1	7.35	<0.5	27	34.5	110	60.0	5.33	11
D70443 (544096)		<0.5	0.55	34	568	1.2	<1	14.7	1.0	1170	25.1	104	9.3	8.95	<5
D70444 (544097)		<0.5	5.98	<1	561	3.1	<1	6.89	<0.5	117	31.0	145	50.0	7.84	17
D70445 (544098)		<0.5	5.02	19	242	1.5	<1	8.56	<0.5	191	31.0	92.9	53.2	5.78	15
D70446 (544099)		<0.5	7.43	<1	187	0.8	<1	6.43	<0.5	22	38.4	143	105	7.79	21
D70447 (544100)		<0.5	5.21	4	428	2.7	<1	6.37	<0.5	248	25.4	42.0	66.0	6.23	17
D70448 (544101)		<0.5	6.92	<1	2000	2.0	<1	6.94	<0.5	58	39.0	67.8	94.5	7.25	19
D70449 (544102)		<0.5	7.35	<1	1560	1.0	<1	6.82	<0.5	22	46.5	92.4	111	7.27	19
D70450 (544103)		<0.5	6.12	<1	431	1.2	<1	7.77	<0.5	15	38.4	19.7	90.9	10.5	20
D70451 (544104)		<0.5	6.66	<1	421	5.4	<1	4.81	<0.5	25	36.7	27.4	84.6	9.52	22
D70452 (544105)		<0.5	0.07	<1	23	<0.5	<1	31.0	<0.5	<1	<0.5	3.3	<0.5	0.20	<5
D70453 (544106)		<0.5	6.36	<1	271	8.2	<1	5.40	<0.5	18	35.8	26.8	95.9	10.7	22
D70454 (544107)		<0.5	5.38	3	258	5.6	<1	5.57	<0.5	24	42.8	134	63.6	9.10	18

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T520318

PROJECT: AGAT00787

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CANADA L4Z 1N9  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 18, 2019	DATE RECEIVED: Sep 19, 2019							DATE REPORTED: Oct 15, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D70455 (544108)	<0.5	5.33	4	262	1.9	<1	4.64	<0.5	24	33.0	83.8	79.1	7.44	19	
D70456 (544109)	<0.5	1.79	<1	313	4.3	<1	5.82	<0.5	96	62.0	360	70.0	7.22	11	
D70457 (544110)	<0.5	5.57	3	339	4.0	<1	3.80	<0.5	23	41.9	65.3	85.8	9.73	21	
D70458 (544111)	<0.5	5.36	<1	313	4.3	<1	3.79	<0.5	20	38.9	57.6	84.7	9.73	19	
D70459 (544112)	<0.5	7.49	<1	508	0.7	<1	6.42	<0.5	9	39.6	242	65.1	8.88	21	
D70460 (544113)	<0.5	7.45	<1	400	0.7	<1	6.38	0.6	15	43.3	179	61.5	8.69	21	
D70461 (544114)	<0.5	7.39	<1	320	1.0	<1	6.36	<0.5	13	42.5	180	78.1	7.87	21	
D70462 (544115)	<0.5	7.18	<1	140	1.1	<1	5.78	<0.5	31	41.5	25.4	128	8.59	25	
D70463 (544116)	<0.5	6.87	<1	226	3.3	<1	4.76	<0.5	39	32.1	38.7	79.9	9.48	28	
D70464 (544117)	<0.5	6.61	<1	158	1.7	<1	5.50	<0.5	35	43.5	17.7	97.0	11.7	25	
D70465 (544118)	<0.5	6.58	<1	145	1.5	<1	5.40	<0.5	24	38.4	16.4	82.8	11.7	26	
D70466 (544119)	<0.5	7.28	<1	143	0.5	<1	6.89	<0.5	10	41.1	153	152	8.05	18	
D70467 (544120)	<0.5	6.75	<1	257	1.4	<1	5.39	<0.5	28	38.4	27.6	118	11.5	26	
D70468 (544121)	<0.5	2.92	<1	645	5.5	<1	10.2	<0.5	287	49.9	410	152	9.42	21	
D70469 (544122)	<0.5	6.86	<1	253	1.2	<1	5.07	<0.5	23	40.5	24.1	80.8	11.2	24	
D70470 (544123)	<0.5	7.37	<1	261	0.8	<1	4.75	<0.5	22	29.1	35.3	51.4	10.9	25	
D70471 (544124)	<0.5	7.08	<1	289	1.0	<1	5.07	<0.5	29	29.2	57.9	48.0	10.4	24	
D70472 (544125)	<0.5	0.09	<1	18	<0.5	<1	29.5	<0.5	<1	0.8	1.7	<0.5	0.17	<5	
D70473 (544126)	<0.5	5.48	<1	422	1.5	<1	6.15	<0.5	79	44.4	229	46.5	9.25	23	
D70474 (544127)	<0.5	6.62	<1	223	1.1	<1	5.04	<0.5	26	39.3	24.9	61.2	10.5	25	
D70475 (544128)	<0.5	7.03	<1	220	0.7	<1	6.13	<0.5	17	40.1	42.6	119	11.7	24	
D70476 (544129)	<0.5	7.72	<1	159	0.6	<1	6.33	<0.5	13	41.4	92.5	99.0	9.33	22	
D70477 (544130)	<0.5	7.54	<1	150	1.6	<1	6.17	<0.5	13	36.3	101	75.6	8.74	20	
D70478 (544131)	<0.5	7.80	<1	140	0.7	<1	6.52	<0.5	11	36.4	95.3	84.9	9.10	21	
D70479 (544132)	<0.5	7.79	<1	177	0.6	<1	7.68	<0.5	12	45.0	90.1	71.9	10.2	22	
D70480 (544133)	<0.5	7.58	<1	278	0.8	<1	6.69	<0.5	13	40.5	86.0	109	10.0	21	
D70481 (544134)	<0.5	7.58	<1	163	0.6	<1	6.41	<0.5	12	41.7	83.9	63.6	9.76	23	
D70482 (544135)	<0.5	7.65	<1	340	0.6	<1	6.57	<0.5	12	42.9	91.6	97.6	9.91	21	
D70483 (544136)	<0.5	7.73	<1	257	0.8	<1	6.67	<0.5	11	45.4	100	87.7	9.02	22	
D70484 (544137)	<0.5	6.91	<1	172	1.0	<1	5.13	<0.5	22	39.0	28.5	98.9	10.9	26	
D70485 (544138)	<0.5	7.12	<1	142	0.7	<1	4.68	<0.5	17	38.9	20.0	93.9	11.8	28	
D70486 (544139)	<0.5	7.52	<1	188	0.8	<1	6.52	<0.5	23	39.2	148	108	7.84	21	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T520318

PROJECT: AGAT00787

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 18, 2019	DATE RECEIVED: Sep 19, 2019					DATE REPORTED: Oct 15, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D70487 (544140)	<0.5	7.10	<1	141	0.6	<1	6.04	<0.5	12	39.3	68.1	101	10.1	22	
D70488 (544141)	<0.5	7.27	<1	145	0.5	<1	6.43	<0.5	12	39.9	94.5	57.3	9.93	21	
D70489 (544142)	<0.5	7.62	<1	219	0.6	<1	6.36	<0.5	12	48.7	88.2	128	9.92	22	
D70490 (544143)	<0.5	7.56	<1	303	1.1	<1	7.15	<0.5	12	46.0	87.7	100	10.3	22	
D70491 (544144)	<0.5	8.58	<1	154	14.2	194	5.08	0.6	11	28.7	68.5	56.5	6.45	36	
D70492 (544145)	<0.5	0.11	<1	18	<0.5	<1	30.4	<0.5	<1	0.6	1.8	<0.5	0.20	<5	
D70493 (544146)	<0.5	7.26	<1	143	0.7	<1	6.08	1.1	12	43.0	78.8	151	9.92	22	
D70494 (544147)	<0.5	7.67	<1	149	2.0	<1	6.04	0.9	12	43.0	87.6	145	10.6	23	

Certified By:



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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 18, 2019	DATE RECEIVED: Sep 19, 2019					DATE REPORTED: Oct 15, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D70423 (544076)	<1	0.66	3	22	2.73	1340	7.6	2.13	114	311	<20	<50	1.01	<1	
D70424 (544077)	<1	1.22	4	20	2.92	1680	4.8	1.81	121	381	<20	<50	0.24	<1	
D70425 (544078)	<1	0.79	2	20	3.27	1780	4.0	1.83	93.2	371	<20	<50	0.35	<1	
D70426 (544079)	<1	0.44	9	11	4.35	1310	2.0	2.33	111	877	<20	<50	0.08	<1	
D70427 (544080)	<1	1.19	6	16	4.13	1870	3.9	1.41	145	443	<20	<50	0.19	<1	
D70428 (544081)	<1	0.93	3	23	2.71	1890	4.3	1.71	91.6	356	<20	<50	0.16	<1	
D70429 (544082)	<1	0.56	4	18	2.58	2210	4.1	1.70	46.5	553	<20	<50	0.18	<1	
D70430 (544083)	<1	0.72	5	18	2.63	2940	4.8	1.35	28.2	540	<20	<50	0.32	<1	
D70431 (544084)	<1	0.59	5	18	2.09	2360	4.1	1.94	26.3	574	<20	<50	0.22	<1	
D70432 (544085)	<1	0.07	<2	1	1.38	116	2.0	0.22	1.1	73	<20	<50	<0.01	<1	
D70433 (544086)	<1	1.89	5	21	2.33	2390	4.2	2.00	34.0	511	45	<50	0.16	1	
D70434 (544087)	<1	3.52	11	17	2.70	2000	4.7	2.20	62.2	322	<20	<50	0.13	<1	
D70435 (544088)	<1	2.27	37	558	7.73	1620	2.5	0.55	478	5200	<20	<50	0.04	<1	
D70436 (544089)	<1	3.22	34	22	2.63	1520	5.1	2.28	47.1	1150	<20	<50	0.14	<1	
D70437 (544090)	<1	0.87	5	24	2.71	1700	4.0	1.96	29.2	743	<20	<50	0.10	<1	
D70438 (544091)	<1	0.81	5	22	2.61	1900	4.9	2.07	28.5	637	<20	<50	0.09	<1	
D70439 (544092)	<1	1.01	6	18	2.59	2750	4.3	1.66	31.1	683	<20	<50	0.28	<1	
D70440 (544093)	<1	0.70	4	21	3.57	1600	3.3	2.00	71.8	609	<20	<50	0.11	<1	
D70441 (544094)	<1	1.75	88	26	4.66	1630	5.3	1.60	89.1	773	<20	<50	0.08	<1	
D70442 (544095)	<1	4.04	15	19	3.33	1220	5.3	1.36	112	342	<20	<50	0.08	<1	
D70443 (544096)	<1	0.59	631	4	5.80	3790	12.4	0.10	61.6	705	27	<50	0.24	<1	
D70444 (544097)	<1	2.46	55	29	3.83	1740	6.3	1.92	84.9	747	<20	<50	0.10	<1	
D70445 (544098)	<1	3.33	103	11	3.39	2030	4.8	2.11	62.8	977	<20	<50	0.12	<1	
D70446 (544099)	<1	0.44	9	11	4.39	1320	1.9	2.32	109	920	<20	<50	0.08	<1	
D70447 (544100)	<1	1.68	128	18	2.87	1810	11.3	2.94	36.5	1250	<20	<50	0.13	<1	
D70448 (544101)	<1	1.63	25	20	2.91	1550	2.3	2.24	78.4	544	<20	<50	0.16	<1	
D70449 (544102)	<1	1.38	8	18	2.64	1750	3.4	1.81	85.9	618	<20	<50	0.18	<1	
D70450 (544103)	<1	0.81	5	17	3.00	2950	3.6	1.36	39.5	558	<20	<50	0.18	<1	
D70451 (544104)	<1	0.98	8	20	2.06	2250	5.5	1.73	29.8	580	20	<50	0.16	<1	
D70452 (544105)	<1	0.02	2	2	1.71	123	2.3	0.03	1.0	76	<20	<50	<0.01	<1	
D70453 (544106)	<1	0.96	5	15	2.30	2680	4.9	1.90	30.4	534	<20	<50	0.19	<1	
D70454 (544107)	<1	2.35	9	212	4.02	1950	5.1	2.40	169	759	<20	<50	0.12	<1	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T520318

PROJECT: AGAT00787

5623 McADAM ROAD  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 18, 2019

DATE RECEIVED: Sep 19, 2019

DATE REPORTED: Oct 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D70455 (544108)		<1	3.59	9	19	2.24	1510	6.6	1.39	60.6	405	<20	<50	0.21	<1
D70456 (544109)		<1	2.45	44	368	9.43	1200	5.1	0.57	534	1800	<20	<50	0.02	<1
D70457 (544110)		<1	3.41	8	22	2.14	2080	5.4	1.54	53.0	570	<20	<50	0.24	<1
D70458 (544111)		<1	3.52	7	16	1.89	2070	6.2	1.59	44.1	673	<20	<50	0.23	<1
D70459 (544112)		<1	0.86	2	20	4.19	1410	4.0	1.97	114	505	<20	<50	0.09	<1
D70460 (544113)		<1	1.37	5	19	3.59	1800	4.7	1.65	139	544	<20	<50	0.16	<1
D70461 (544114)		<1	0.77	4	15	2.91	2200	3.1	1.95	108	610	<20	<50	0.13	<1
D70462 (544115)		<1	0.25	12	15	2.53	1960	4.4	2.11	42.1	741	<20	<50	0.22	<1
D70463 (544116)		<1	0.99	14	22	2.20	2260	3.9	1.97	33.0	707	<20	<50	0.13	<1
D70464 (544117)		<1	0.46	15	26	2.73	2170	6.6	2.22	35.2	657	<20	<50	0.22	<1
D70465 (544118)		<1	0.48	9	22	2.63	1990	7.7	2.18	26.6	631	<20	<50	0.21	<1
D70466 (544119)		<1	0.20	3	12	4.46	1390	1.4	2.26	91.2	439	<20	<50	0.15	<1
D70467 (544120)		<1	0.87	10	32	2.83	1860	4.8	2.50	37.1	732	<20	<50	0.30	<1
D70468 (544121)		<1	2.53	126	63	7.40	1470	2.5	0.66	239	2580	<20	<50	0.29	<1
D70469 (544122)		<1	0.86	7	28	2.64	2090	3.0	1.97	30.1	816	<20	<50	0.14	<1
D70470 (544123)		<1	0.59	6	25	2.07	2620	3.0	1.94	22.0	1250	<20	<50	0.14	<1
D70471 (544124)		<1	0.44	10	24	2.37	2340	2.8	1.96	39.2	1370	<20	<50	0.14	<1
D70472 (544125)		<1	0.01	<2	2	1.65	104	1.3	0.04	0.9	91	<20	<50	0.02	<1
D70473 (544126)		<1	0.99	32	30	5.14	1410	3.5	1.43	191	2050	<20	<50	0.12	<1
D70474 (544127)		<1	1.17	8	21	2.13	2040	3.3	1.67	28.9	742	<20	<50	0.15	<1
D70475 (544128)		<1	0.38	5	22	2.38	2730	2.9	1.51	33.0	642	<20	<50	0.27	<1
D70476 (544129)		<1	0.33	4	26	2.14	2400	2.8	1.83	56.6	450	<20	<50	0.13	<1
D70477 (544130)		<1	0.39	4	25	2.27	2140	4.4	1.69	53.3	415	<20	<50	0.11	<1
D70478 (544131)		<1	0.36	3	26	2.38	2170	4.0	1.73	51.9	423	<20	<50	0.09	<1
D70479 (544132)		<1	0.42	4	26	2.99	2420	4.8	1.55	70.3	454	<20	<50	0.08	<1
D70480 (544133)		<1	0.58	4	31	2.68	2160	4.1	1.36	63.9	462	<20	<50	0.10	<1
D70481 (544134)		<1	0.50	3	35	3.44	1470	3.8	1.55	62.1	443	<20	<50	0.05	<1
D70482 (544135)		<1	0.80	3	35	3.18	2060	3.9	1.31	75.0	429	<20	<50	0.09	<1
D70483 (544136)		<1	0.75	3	38	3.35	1560	3.7	1.43	86.6	445	<20	<50	0.07	<1
D70484 (544137)		<1	0.56	7	41	2.93	1280	3.8	1.33	36.2	810	<20	<50	0.10	<1
D70485 (544138)		<1	0.25	5	32	3.61	1230	4.5	1.71	29.0	572	<20	<50	0.11	<1
D70486 (544139)		<1	0.44	9	10	4.45	1330	1.5	2.32	111	940	<20	<50	0.09	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T520318

PROJECT: AGAT00787

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 18, 2019	DATE RECEIVED: Sep 19, 2019				DATE REPORTED: Oct 15, 2019				SAMPLE TYPE: Drill Core						
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D70487 (544140)	<1	0.31	4	30	3.40	1810	3.5	1.59	55.2	459	<20	<50	0.11	<1	
D70488 (544141)	<1	0.34	3	33	3.78	1750	4.0	1.64	67.2	420	<20	<50	0.06	<1	
D70489 (544142)	<1	0.64	4	47	4.29	1730	3.3	1.47	104	427	<20	<50	0.12	<1	
D70490 (544143)	<1	0.74	4	24	2.66	2220	3.9	1.23	80.1	408	<20	<50	0.11	<1	
D70491 (544144)	<1	0.76	3	38	1.80	1490	3.7	2.55	52.5	333	<20	<50	0.09	<1	
D70492 (544145)	<1	0.02	<2	1	2.05	121	1.3	0.04	1.1	65	<20	<50	0.02	<1	
D70493 (544146)	<1	0.59	3	38	3.55	1730	2.4	1.65	65.8	425	<20	<50	0.30	<1	
D70494 (544147)	<1	0.55	3	32	2.91	2240	2.7	1.56	69.2	451	<20	<50	0.23	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 18, 2019	DATE RECEIVED: Sep 19, 2019					DATE REPORTED: Oct 15, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D70423 (544076)	45	<10	<5	171	<10	<10	<5	0.64	<5	<50	329	<1	23	226	
D70424 (544077)	47	<10	<5	196	<10	<10	<5	0.63	<5	<50	323	<1	22	240	
D70425 (544078)	51	<10	<5	178	<10	<10	<5	0.74	<5	<50	365	<1	22	158	
D70426 (544079)	36	<10	<5	246	<10	<10	<5	0.82	<5	<50	245	<1	23	91.4	
D70427 (544080)	45	<10	<5	163	<10	<10	<5	0.80	<5	<50	323	<1	21	117	
D70428 (544081)	52	<10	<5	162	<10	<10	<5	0.76	<5	<50	381	<1	24	105	
D70429 (544082)	47	<10	<5	130	<10	<10	<5	0.91	<5	<50	407	<1	36	124	
D70430 (544083)	44	<10	<5	119	<10	<10	<5	0.84	<5	<50	390	<1	40	139	
D70431 (544084)	48	<10	<5	129	<10	<10	<5	0.94	<5	<50	453	<1	38	113	
D70432 (544085)	1	<10	<5	73	<10	<10	<5	<0.01	<5	<50	3.9	<1	3	4.5	
D70433 (544086)	46	<10	<5	134	<10	<10	<5	0.79	<5	<50	395	<1	37	148	
D70434 (544087)	50	<10	<5	210	<10	<10	<5	0.50	<5	<50	333	<1	30	122	
D70435 (544088)	48	<10	<5	807	<10	<10	<5	0.30	<5	<50	147	<1	37	68.7	
D70436 (544089)	56	<10	<5	254	<10	<10	21	0.57	<5	<50	364	<1	25	68.0	
D70437 (544090)	48	<10	<5	177	<10	<10	<5	0.88	<5	<50	420	<1	37	137	
D70438 (544091)	47	<10	<5	193	<10	<10	<5	0.97	<5	<50	414	<1	37	148	
D70439 (544092)	48	<10	<5	192	<10	<10	<5	0.95	<5	<50	427	<1	43	143	
D70440 (544093)	47	<10	<5	172	<10	<10	<5	0.92	<5	<50	337	<1	28	108	
D70441 (544094)	42	<10	<5	471	<10	<10	40	0.34	<5	<50	182	<1	18	240	
D70442 (544095)	33	<10	<5	322	<10	<10	<5	0.17	<5	<50	110	<1	9	89.7	
D70443 (544096)	37	<10	<5	981	<10	15	217	0.07	<5	<50	182	<1	23	75.3	
D70444 (544097)	34	<10	<5	277	<10	<10	8	0.42	<5	<50	164	<1	22	139	
D70445 (544098)	25	<10	<5	483	<10	<10	32	0.27	<5	<50	136	<1	12	57.5	
D70446 (544099)	36	<10	<5	249	<10	<10	<5	0.85	<5	<50	243	<1	23	93.2	
D70447 (544100)	35	<10	<5	410	<10	<10	62	0.39	<5	<50	246	<1	25	64.4	
D70448 (544101)	46	<10	<5	227	<10	<10	<5	0.60	<5	<50	302	<1	22	102	
D70449 (544102)	49	<10	<5	229	<10	<10	<5	0.70	<5	<50	334	<1	25	124	
D70450 (544103)	43	<10	<5	189	<10	<10	<5	0.87	<5	<50	375	<1	36	118	
D70451 (544104)	45	<10	<5	180	<10	<10	<5	0.92	<5	<50	404	<1	37	166	
D70452 (544105)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	2.2	<1	2	3.3	
D70453 (544106)	44	<10	<5	146	<10	<10	<5	0.84	<5	<50	401	<1	38	124	
D70454 (544107)	44	<10	<5	243	<10	<10	<5	0.61	<5	<50	332	<1	31	141	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T520318

PROJECT: AGAT00787

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 18, 2019	DATE RECEIVED: Sep 19, 2019					DATE REPORTED: Oct 15, 2019					SAMPLE TYPE: Drill Core				
Analyte: Unit: RDL:	Sc ppm 1	Se ppm 10	Sn ppm 5	Sr ppm 1	Ta ppm 10	Te ppm 10	Th ppm 5	Ti % 0.01	Tl ppm 5	U ppm 50	V ppm 0.5	W ppm 1	Y ppm 1	Zn ppm 0.5	
Sample ID (AGAT ID)															
D70455 (544108)	37	<10	<5	205	<10	<10	<5	0.57	<5	<50	270	<1	20	95.6	
D70456 (544109)	39	<10	<5	705	<10	<10	<5	0.38	<5	<50	182	<1	36	89.0	
D70457 (544110)	44	<10	<5	188	<10	<10	<5	0.55	<5	<50	333	<1	22	105	
D70458 (544111)	45	<10	<5	170	<10	<10	<5	0.53	<5	<50	337	<1	23	101	
D70459 (544112)	37	<10	<5	193	<10	<10	<5	0.70	<5	<50	226	<1	20	103	
D70460 (544113)	30	<10	<5	156	<10	<10	<5	0.68	<5	<50	186	<1	25	524	
D70461 (544114)	43	<10	<5	147	<10	<10	<5	0.93	<5	<50	322	<1	29	136	
D70462 (544115)	49	<10	<5	152	<10	<10	<5	1.05	<5	<50	451	<1	41	136	
D70463 (544116)	41	<10	<5	138	<10	<10	<5	0.90	<5	<50	359	<1	38	118	
D70464 (544117)	46	<10	<5	156	<10	<10	<5	0.94	<5	<50	425	<1	39	108	
D70465 (544118)	45	<10	<5	149	<10	<10	<5	0.99	<5	<50	419	<1	39	130	
D70466 (544119)	48	<10	<5	110	<10	<10	<5	0.67	<5	<50	315	<1	23	84.2	
D70467 (544120)	46	<10	<5	181	<10	<10	<5	1.02	<5	<50	431	<1	40	119	
D70468 (544121)	31	<10	<5	728	<10	<10	<5	1.88	<5	<50	308	<1	41	109	
D70469 (544122)	45	<10	<5	134	<10	<10	<5	1.03	<5	<50	371	<1	38	128	
D70470 (544123)	40	<10	<5	147	<10	<10	<5	1.04	<5	<50	170	<1	44	128	
D70471 (544124)	39	<10	<5	200	<10	<10	<5	1.03	<5	<50	172	<1	44	134	
D70472 (544125)	1	<10	<5	66	<10	<10	<5	0.01	<5	<50	2.4	<1	2	5.3	
D70473 (544126)	32	<10	<5	455	<10	<10	<5	1.17	<5	<50	188	<1	34	127	
D70474 (544127)	44	<10	<5	151	<10	<10	<5	0.96	<5	<50	322	<1	40	161	
D70475 (544128)	50	<10	<5	120	<10	<10	<5	0.99	<5	<50	360	<1	41	135	
D70476 (544129)	52	<10	<5	99	<10	<10	<5	0.74	<5	<50	344	<1	33	110	
D70477 (544130)	48	<10	<5	107	<10	<10	<5	0.69	<5	<50	319	<1	30	94.7	
D70478 (544131)	50	<10	<5	104	<10	<10	<5	0.72	<5	<50	325	<1	30	96.6	
D70479 (544132)	50	<10	<5	111	<10	<10	<5	0.74	<5	<50	339	<1	32	107	
D70480 (544133)	48	<10	<5	110	<10	<10	<5	0.75	<5	<50	334	<1	32	99.3	
D70481 (544134)	50	<10	<5	112	<10	<10	<5	0.76	<5	<50	348	<1	30	97.8	
D70482 (544135)	50	<10	<5	124	<10	<10	<5	0.74	<5	<50	341	<1	31	109	
D70483 (544136)	49	<10	<5	131	<10	<10	<5	0.71	<5	<50	325	<1	30	98.8	
D70484 (544137)	48	<10	<5	159	<10	<10	<5	1.00	<5	<50	414	<1	39	104	
D70485 (544138)	50	<10	<5	127	<10	<10	<5	1.02	<5	<50	415	<1	40	109	
D70486 (544139)	35	<10	<5	249	<10	<10	<5	0.85	<5	<50	243	<1	23	92.2	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T520318

PROJECT: AGAT00787

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 18, 2019	DATE RECEIVED: Sep 19, 2019					DATE REPORTED: Oct 15, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D70487 (544140)	48	<10	<5	108	<10	<10	<5	0.79	<5	<50	354	<1	32	102	
D70488 (544141)	49	<10	<5	105	<10	<10	<5	0.74	<5	<50	333	<1	31	104	
D70489 (544142)	49	<10	<5	104	<10	<10	<5	0.72	<5	<50	338	<1	30	110	
D70490 (544143)	49	<10	<5	94	<10	<10	<5	0.76	<5	<50	338	<1	32	112	
D70491 (544144)	32	<10	9	108	<10	<10	<5	0.48	<5	<50	220	<1	21	151	
D70492 (544145)	1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	3.1	<1	2	4.0	
D70493 (544146)	47	<10	<5	108	<10	<10	<5	0.71	<5	<50	324	<1	30	258	
D70494 (544147)	50	<10	<5	137	<10	<10	<5	0.77	<5	<50	348	<1	31	258	

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AGAT WORK ORDER: 19T520318

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 18, 2019      DATE RECEIVED: Sep 19, 2019      DATE REPORTED: Oct 15, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D70423 (544076)				16
D70424 (544077)				15
D70425 (544078)				14
D70426 (544079)				79
D70427 (544080)				30
D70428 (544081)				16
D70429 (544082)				18
D70430 (544083)				32
D70431 (544084)				21
D70432 (544085)				6
D70433 (544086)				42
D70434 (544087)				60
D70435 (544088)				15
D70436 (544089)				43
D70437 (544090)				28
D70438 (544091)				28
D70439 (544092)				30
D70440 (544093)				20
D70441 (544094)				16
D70442 (544095)				11
D70443 (544096)				18
D70444 (544097)				22
D70445 (544098)				14
D70446 (544099)				93
D70447 (544100)				20
D70448 (544101)				18
D70449 (544102)				17
D70450 (544103)				18
D70451 (544104)				21
D70452 (544105)				<5
D70453 (544106)				36
D70454 (544107)				58

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T520318

PROJECT: AGAT00787

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 18, 2019      DATE RECEIVED: Sep 19, 2019      DATE REPORTED: Oct 15, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D70455 (544108)				24
D70456 (544109)				44
D70457 (544110)				33
D70458 (544111)				35
D70459 (544112)				17
D70460 (544113)				26
D70461 (544114)				14
D70462 (544115)				20
D70463 (544116)				54
D70464 (544117)				35
D70465 (544118)				30
D70466 (544119)				53
D70467 (544120)				32
D70468 (544121)				126
D70469 (544122)				33
D70470 (544123)				28
D70471 (544124)				37
D70472 (544125)				<5
D70473 (544126)				68
D70474 (544127)				30
D70475 (544128)				21
D70476 (544129)				13
D70477 (544130)				15
D70478 (544131)				14
D70479 (544132)				15
D70480 (544133)				15
D70481 (544134)				17
D70482 (544135)				16
D70483 (544136)				16
D70484 (544137)				32
D70485 (544138)				22
D70486 (544139)				92

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T520318

PROJECT: AGAT00787

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 18, 2019

DATE RECEIVED: Sep 19, 2019

DATE REPORTED: Oct 15, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D70487 (544140)	16
D70488 (544141)	16
D70489 (544142)	15
D70490 (544143)	17
D70491 (544144)	30
D70492 (544145)	<5
D70493 (544146)	15
D70494 (544147)	21

Comments: RDL - Reported Detection Limit

544076-544147 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T520318

PROJECT: AGAT00787

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 18, 2019      DATE RECEIVED: Sep 19, 2019      DATE REPORTED: Oct 15, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D70423 (544076)		0.011	
D70424 (544077)		0.004	
D70425 (544078)		0.004	
D70426 (544079)		0.326	
D70427 (544080)		0.003	
D70428 (544081)		0.003	
D70429 (544082)		0.003	
D70430 (544083)		0.003	
D70431 (544084)		0.003	
D70432 (544085)		0.001	
D70433 (544086)		0.003	
D70434 (544087)		0.003	
D70435 (544088)		0.005	
D70436 (544089)		0.058	
D70437 (544090)		0.003	
D70438 (544091)		0.003	
D70439 (544092)		0.004	
D70440 (544093)		0.003	
D70441 (544094)		0.003	
D70442 (544095)		0.002	
D70443 (544096)		0.005	
D70444 (544097)		0.003	
D70445 (544098)		0.003	
D70446 (544099)		0.326	
D70447 (544100)		0.004	
D70448 (544101)		0.003	
D70449 (544102)		0.003	
D70450 (544103)		0.017	
D70451 (544104)		0.061	
D70452 (544105)		0.001	
D70453 (544106)		0.052	
D70454 (544107)		0.006	

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## Certificate of Analysis

AGAT WORK ORDER: 19T520318

PROJECT: AGAT00787

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 18, 2019      DATE RECEIVED: Sep 19, 2019      DATE REPORTED: Oct 15, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D70455 (544108)		0.006	
D70456 (544109)		0.035	
D70457 (544110)		0.005	
D70458 (544111)		0.004	
D70459 (544112)		0.005	
D70460 (544113)		0.006	
D70461 (544114)		0.004	
D70462 (544115)		0.002	
D70463 (544116)		0.005	
D70464 (544117)		0.002	
D70465 (544118)		0.002	
D70466 (544119)		0.510	
D70467 (544120)		0.003	
D70468 (544121)		0.004	
D70469 (544122)		0.002	
D70470 (544123)		0.002	
D70471 (544124)		0.002	
D70472 (544125)		0.002	
D70473 (544126)		0.003	
D70474 (544127)		0.002	
D70475 (544128)		0.003	
D70476 (544129)		0.003	
D70477 (544130)		0.012	
D70478 (544131)		0.016	
D70479 (544132)		0.005	
D70480 (544133)		0.006	
D70481 (544134)		0.005	
D70482 (544135)		0.020	
D70483 (544136)		0.004	
D70484 (544137)		0.002	
D70485 (544138)		0.002	
D70486 (544139)		0.339	

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## Certificate of Analysis

AGAT WORK ORDER: 19T520318

PROJECT: AGAT00787

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 18, 2019      DATE RECEIVED: Sep 19, 2019      DATE REPORTED: Oct 15, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D70487 (544140)			0.010
D70488 (544141)			0.003
D70489 (544142)			0.005
D70490 (544143)			0.004
D70491 (544144)			0.137
D70492 (544145)			0.001
D70493 (544146)			0.003
D70494 (544147)			0.004

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T520318

PROJECT: AGAT00787

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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Sep 18, 2019

DATE RECEIVED: Sep 19, 2019

DATE REPORTED: Oct 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D70423 (544076)		93
D70441 (544094)		92
D70459 (544112)		80
D70479 (544132)		87

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T520318

PROJECT: AGAT00787

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Sep 18, 2019      DATE RECEIVED: Sep 19, 2019      DATE REPORTED: Oct 15, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D70423 (544076)		97
D70451 (544104)		92
D70477 (544130)		97

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	544076	< 0.5	< 0.5	0.0%	544092	< 0.5	< 0.5	0.0%	544102	< 0.5	< 0.5	0.0%	544117	< 0.5	< 0.5	0.0%
Al	544076	8.23	8.47	2.9%	544092	6.87	6.82	0.7%	544102	7.35	7.44	1.2%	544117	6.61	6.68	1.1%
As	544076	< 1	< 1	0.0%	544092	< 1	< 1	0.0%	544102	< 1	< 1	0.0%	544117	< 1	< 1	0.0%
Ba	544076	222	237	6.5%	544092	486	473	2.7%	544102	1560	1490	4.6%	544117	158	159	0.6%
Be	544076	0.8	0.8	0.0%	544092	1.40	1.34	4.4%	544102	1.0	1.0	0.0%	544117	1.7	1.7	0.0%
Bi	544076	< 1	< 1	0.0%	544092	< 1	< 1	0.0%	544102	< 1	< 1	0.0%	544117	< 1	< 1	0.0%
Ca	544076	6.30	6.66	5.6%	544092	5.52	5.27	4.6%	544102	6.82	7.19	5.3%	544117	5.50	5.49	0.2%
Cd	544076	0.43	0.58	29.7%	544092	< 0.5	< 0.5	0.0%	544102	< 0.5	< 0.5	0.0%	544117	< 0.5	< 0.5	0.0%
Ce	544076	11	10	9.5%	544092	22	22	0.0%	544102	22	25	12.8%	544117	35	35	0.0%
Co	544076	46.2	48.2	4.2%	544092	41.2	38.3	7.3%	544102	46.5	46.2	0.6%	544117	43.5	43.6	0.2%
Cr	544076	177	185	4.4%	544092	24.7	24.4	1.2%	544102	92.4	93.3	1.0%	544117	17.7	18.4	3.9%
Cu	544076	126	135	6.9%	544092	126	121	4.0%	544102	111	116	4.4%	544117	97.0	98.2	1.2%
Fe	544076	7.52	7.99	6.1%	544092	12.0	11.5	4.3%	544102	7.27	7.64	5.0%	544117	11.7	11.7	0.0%
Ga	544076	21	21	0.0%	544092	25	23	8.3%	544102	19	20	5.1%	544117	25	26	3.9%
In	544076	< 1	< 1	0.0%	544092	< 1	< 1	0.0%	544102	< 1	< 1	0.0%	544117	< 1	< 1	0.0%
K	544076	0.66	0.69	4.4%	544092	1.01	1.02	1.0%	544102	1.38	1.49	7.7%	544117	0.46	0.46	0.0%
La	544076	3	3	0.0%	544092	6	7	15.4%	544102	8	10	22.2%	544117	15	16	6.5%
Li	544076	22	22	0.0%	544092	18	17	5.7%	544102	18	17	5.7%	544117	26	25	3.9%
Mg	544076	2.73	2.84	3.9%	544092	2.59	2.54	1.9%	544102	2.64	2.69	1.9%	544117	2.73	2.73	0.0%
Mn	544076	1340	1380	2.9%	544092	2750	2650	3.7%	544102	1750	1830	4.5%	544117	2170	2190	0.9%
Mo	544076	7.56	6.92	8.8%	544092	4.28	4.47	4.3%	544102	3.4	3.5	2.9%	544117	6.6	6.9	4.4%
Na	544076	2.13	2.27	6.4%	544092	1.66	1.62	2.4%	544102	1.81	1.83	1.1%	544117	2.22	2.23	0.4%
Ni	544076	114	120	5.1%	544092	31.1	30.1	3.3%	544102	85.9	89.5	4.1%	544117	35.2	35.1	0.3%
P	544076	311	320	2.9%	544092	683	638	6.8%	544102	618	628	1.6%	544117	657	674	2.6%
Pb	544076	< 20	< 20	0.0%	544092	< 20	< 20	0.0%	544102	< 20	< 20	0.0%	544117	< 20	< 20	0.0%
Rb	544076	< 50	< 50	0.0%	544092	< 50	< 50	0.0%	544102	< 50	< 50	0.0%	544117	< 50	< 50	0.0%
S	544076	1.01	1.05	3.9%	544092	0.280	0.272	2.9%	544102	0.18	0.18	0.0%	544117	0.22	0.22	0.0%
Sb	544076	< 1	< 1	0.0%	544092	< 1	< 1	0.0%	544102	< 1	< 1	0.0%	544117	< 1	< 1	0.0%
Sc	544076	45	48	6.5%	544092	48	47	2.1%	544102	49	48	2.1%	544117	46	46	0.0%
Se	544076	< 10	< 10	0.0%	544092	< 10	< 10	0.0%	544102	< 10	< 10	0.0%	544117	< 10	< 10	0.0%
Sn	544076	< 5	< 5	0.0%	544092	< 5	< 5	0.0%	544102	< 5	< 5	0.0%	544117	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	544076	171	182	6.2%	544092	192	187	2.6%	544102	229	242	5.5%	544117	156	156	0.0%
Ta	544076	< 10	< 10	0.0%	544092	< 10	< 10	0.0%	544102	< 10	< 10	0.0%	544117	< 10	< 10	0.0%
Te	544076	< 10	< 10	0.0%	544092	< 10	< 10	0.0%	544102	< 10	< 10	0.0%	544117	< 10	< 10	0.0%
Th	544076	< 5	< 5	0.0%	544092	< 5	< 5	0.0%	544102	< 5	< 5	0.0%	544117	< 5	< 5	0.0%
Ti	544076	0.644	0.685	6.2%	544092	0.95	0.91	4.3%	544102	0.70	0.73	4.2%	544117	0.943	0.946	0.3%
Tl	544076	< 5	< 5	0.0%	544092	< 5	< 5	0.0%	544102	< 5	< 5	0.0%	544117	< 5	< 5	0.0%
U	544076	< 50	< 50	0.0%	544092	< 50	< 50	0.0%	544102	< 50	< 50	0.0%	544117	< 50	< 50	0.0%
V	544076	329	349	5.9%	544092	427	413	3.3%	544102	334	330	1.2%	544117	425	421	0.9%
W	544076	< 1	< 1	0.0%	544092	< 1	< 1	0.0%	544102	< 1	< 1	0.0%	544117	< 1	< 1	0.0%
Y	544076	23	24	4.3%	544092	43	41	4.8%	544102	25	25	0.0%	544117	39	39	0.0%
Zn	544076	226	237	4.8%	544092	143	138	3.6%	544102	124	137	10.0%	544117	108	111	2.7%
Zr	544076	16	16	0.0%	544092	30	27	10.5%	544102	17	16	6.1%	544117	35	34	2.9%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	544127	< 0.5	< 0.5	0.0%	544142	< 0.5	< 0.5	0.0%								
Al	544127	6.62	6.65	0.5%	544142	7.62	7.56	0.8%								
As	544127	< 1	< 1	0.0%	544142	< 1	< 1	0.0%								
Ba	544127	223	215	3.7%	544142	219	220	0.5%								
Be	544127	1.12	1.02	9.3%	544142	0.6	0.6	0.0%								
Bi	544127	< 1	< 1	0.0%	544142	< 1	< 1	0.0%								
Ca	544127	5.04	5.04	0.0%	544142	6.36	6.40	0.6%								
Cd	544127	< 0.5	< 0.5	0.0%	544142	< 0.5	< 0.5	0.0%								
Ce	544127	26	22	16.7%	544142	12	12	0.0%								
Co	544127	39.3	38.5	2.1%	544142	48.7	46.4	4.8%								
Cr	544127	24.9	20.5	19.4%	544142	88.2	85.7	2.9%								
Cu	544127	61.2	65.2	6.3%	544142	128	131	2.3%								
Fe	544127	10.5	10.5	0.0%	544142	9.92	9.98	0.6%								
Ga	544127	25	25	0.0%	544142	22	23	4.4%								
In	544127	< 1	< 1	0.0%	544142	< 1	< 1	0.0%								
K	544127	1.17	0.941	21.7%	544142	0.635	0.623	1.9%								
La	544127	8	7	13.3%	544142	4	3	28.6%								
Li	544127	21	21	0.0%	544142	47	46	2.2%								
Mg	544127	2.13	2.10	1.4%	544142	4.29	4.27	0.5%								
Mn	544127	2040	1970	3.5%	544142	1730	1730	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	544127	3.31	3.24	2.1%	544142	3.3	3.4	3.0%								
Na	544127	1.67	1.68	0.6%	544142	1.47	1.48	0.7%								
Ni	544127	28.9	25.1	14.1%	544142	104	99.6	4.3%								
P	544127	742	716	3.6%	544142	427	386	10.1%								
Pb	544127	< 20	< 20	0.0%	544142	< 20	< 20	0.0%								
Rb	544127	< 50	< 50	0.0%	544142	< 50	< 50	0.0%								
S	544127	0.15	0.16	6.5%	544142	0.12	0.12	0.0%								
Sb	544127	< 1	< 1	0.0%	544142	< 1	< 1	0.0%								
Sc	544127	44	44	0.0%	544142	49	48	2.1%								
Se	544127	< 10	< 10	0.0%	544142	< 10	< 10	0.0%								
Sn	544127	< 5	< 5	0.0%	544142	< 5	< 5	0.0%								
Sr	544127	151	142	6.1%	544142	104	105	1.0%								
Ta	544127	< 10	< 10	0.0%	544142	< 10	< 10	0.0%								
Te	544127	< 10	< 10	0.0%	544142	< 10	< 10	0.0%								
Th	544127	< 5	< 5	0.0%	544142	< 5	< 5	0.0%								
Ti	544127	0.963	0.968	0.5%	544142	0.72	0.73	1.4%								
Tl	544127	< 5	< 5	0.0%	544142	< 5	< 5	0.0%								
U	544127	< 50	< 50	0.0%	544142	< 50	< 50	0.0%								
V	544127	322	329	2.2%	544142	338	332	1.8%								
W	544127	< 1	< 1	0.0%	544142	< 1	< 1	0.0%								
Y	544127	40	39	2.5%	544142	30	30	0.0%								
Zn	544127	161	159	1.3%	544142	110	111	0.9%								
Zr	544127	30	30	0.0%	544142	15	15	0.0%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	544076	0.011	0.007		544092	0.004	0.003	28.6%	544102	0.003	0.003	0.0%	544117	0.002	0.003	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	544127	0.0024	0.0030	22.2%	544142	0.005	0.003									





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS4H)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	3.07	101%	90% - 110%
Al	10.95	10.96	100%	90% - 110%	8.17	8.2	100%	90% - 110%	6.96	6.84	98%	90% - 110%	4.75	4.82	102%	90% - 110%
As					26	25	96%	90% - 110%	124	132	107%	90% - 110%				
Ba	340	339	100%	90% - 110%	540	525	97%	90% - 110%	186	183	98%	90% - 110%	216	215	100%	90% - 110%
Be	2.6	2.9	113%	90% - 110%	4.0	3.7	92%	90% - 110%								
Ca	5.72	5.7	100%	90% - 110%	0.907	0.923	102%	90% - 110%	4.01	3.98	99%	90% - 110%	10	9	95%	90% - 110%
Ce	122	120	98%	90% - 110%	98	102	104%	90% - 110%	24	24	102%	90% - 110%				
Co									22.1	21.7	98%	90% - 110%	191	179	94%	90% - 110%
Cr					60.3	62.1	103%	90% - 110%					670	612	91%	90% - 110%
Cu					150	153	102%	90% - 110%	88.6	86.1	97%	90% - 110%	7120	7110	100%	90% - 110%
Fe	4.34	4.19	97%	90% - 110%	3.77	3.75	100%	90% - 110%	7.56	7.43	98%	90% - 110%	12.71	12.02	95%	90% - 110%
Ga	35	38	109%	90% - 110%												
K	1.37	1.48	108%	90% - 110%					2.021	2.049	101%	90% - 110%	0.1021	0.1113	109%	90% - 110%
La	58	54	93%	90% - 110%	44	41	93%	90% - 110%					8.47	7.68	91%	90% - 110%
Li	37	39	105%	90% - 110%	47	47	100%	90% - 110%								
Mg	0.325	0.308	95%	90% - 110%	1.10	1.09	99%	90% - 110%	2.412	2.432	101%	90% - 110%	7.41	7.49	101%	90% - 110%
Mn					780	765	98%	90% - 110%	1510	1434	95%	90% - 110%				
Mo					14	13	96%	90% - 110%								
Na	5.267	5.42	103%	90% - 110%	1.624	1.664	102%	90% - 110%	0.617	0.606	98%	90% - 110%	0.112	0.116	104%	90% - 110%
Ni					32	33	103%	90% - 110%	77.1	75.5	98%	90% - 110%	2480	2290	92%	90% - 110%
P					750	769	102%	90% - 110%	892	969	109%	90% - 110%	731	767	105%	90% - 110%
Pb	10	9	86%	90% - 110%	31	29	93%	90% - 110%								
S									0.348	0.333	96%	90% - 110%				
Sb													1.8	1.9	103%	90% - 110%
Sc	1.1	1.1	101%	90% - 110%	12	11	91%	90% - 110%					21.33	22.45	105%	90% - 110%
Sr	1191	1174	99%	90% - 110%	144	150	104%	90% - 110%	92.8	87.8	95%	90% - 110%	39	37	96%	90% - 110%
Ti	0.172	0.165	96%	90% - 110%	0.53	0.48	91%	90% - 110%					0.419	0.395	94%	90% - 110%
V	8	9	108%	90% - 110%	77	80	103%	90% - 110%					158	170	108%	90% - 110%
Y	119	126	106%	90% - 110%									12.67	13.64	108%	90% - 110%
Zn	93	99	107%	90% - 110%	130	131	101%	90% - 110%	208	218	105%	90% - 110%	112	117	104%	90% - 110%
Zr													35.7	36.5	102%	90% - 110%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS4H)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.86	100%	90% - 110%	0.725	0.722	100%	90% - 110%	5.01	5.03	100%	90% - 110%				

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00787  
 SAMPLING SITE:

AGAT WORK ORDER: 19T520318  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00789

AGAT WORK ORDER: 19T521043

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Oct 09, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T521043

PROJECT: AGAT00789

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 20, 2019      DATE RECEIVED: Sep 21, 2019      DATE REPORTED: Oct 09, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D70495 (552167)		1.22
D70496 (552168)		1.54
D70497 (552169)		2.47
D70498 (552170)		2.47
D70499 (552171)		2.44
D70500 (552172)		2.65
D70501 (552173)		3.05
D70502 (552174)		2.41
D70503 (552175)		2.40
D70504 (552176)		1.31
D70505 (552177)		1.64
D70506 (552178)		.10
D70507 (552179)		2.60
D70508 (552180)		2.58
D70509 (552181)		2.11
D70510 (552182)		1.17
D70511 (552183)		2.43
D70512 (552184)		.70
D70513 (552185)		2.45
D70514 (552186)		2.35
D70515 (552187)		2.46
D70516 (552188)		2.31
D70517 (552189)		2.60
D70518 (552190)		2.60
D70519 (552191)		1.88
D70520 (552192)		.76
D70521 (552193)		2.57
D70522 (552194)		2.94
D70523 (552195)		2.32
D70524 (552196)		2.39
D70525 (552197)		2.43

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T521043

PROJECT: AGAT00789

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Sep 20, 2019      DATE RECEIVED: Sep 21, 2019      DATE REPORTED: Oct 09, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D70526 (552198)		.10
D70527 (552199)		2.27
D70528 (552200)		2.39
D70529 (552201)		2.31
D70530 (552202)		2.35
D70531 (552203)		2.99
D70532 (552204)		.68
D70533 (552205)		2.37
D70534 (552206)		2.73
D70535 (552207)		.97
D70536 (552208)		3.29
D70537 (552209)		2.32
D70538 (552210)		2.32
D70539 (552211)		2.56
D70540 (552212)		2.52
D70541 (552213)		1.87
D70542 (552214)		2.64
D70543 (552215)		2.24
D70544 (552216)		2.28
D70545 (552217)		2.07
D70546 (552218)		0.10
D70547 (552219)		2.34
D70548 (552220)		2.23
D70549 (552221)		2.03
D70550 (552222)		2.25
D70551 (552223)		2.26
D70552 (552224)		0.69
D70553 (552225)		2.38
D70554 (552226)		2.82
D70555 (552227)		1.89
D70556 (552228)		2.31

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T521043

PROJECT: AGAT00789

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 20, 2019      DATE RECEIVED: Sep 21, 2019      DATE REPORTED: Oct 09, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D70557 (552229)		2.18
D70558 (552230)		2.18
D70559 (552231)		2.24
D70560 (552232)		2.21
D70561 (552233)		2.28
D70562 (552234)		2.33
D70563 (552235)		2.10
D70564 (552236)		2.39
D70565 (552237)		2.40
D70566 (552238)		0.10

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T521043

PROJECT: AGAT00789

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 20, 2019	DATE RECEIVED: Sep 21, 2019							DATE REPORTED: Oct 09, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D70495 (552167)	<0.5	7.00	<1	205	2.6	<1	5.50	<0.5	11	35.9	97.7	55.6	8.10	20	
D70496 (552168)	<0.5	6.05	<1	1550	2.6	<1	8.37	<0.5	200	33.2	165	49.1	8.23	17	
D70497 (552169)	<0.5	7.10	<1	155	1.9	<1	5.02	<0.5	15	40.1	55.3	121	9.95	24	
D70498 (552170)	<0.5	7.09	<1	137	2.0	<1	4.89	<0.5	13	35.6	56.9	103	9.38	23	
D70499 (552171)	<0.5	7.57	<1	189	1.3	<1	4.68	<0.5	15	46.8	34.5	65.3	10.7	24	
D70500 (552172)	<0.5	7.28	<1	103	1.0	<1	5.83	<0.5	12	45.1	72.8	145	13.2	21	
D70501 (552173)	<0.5	7.29	<1	166	1.2	<1	5.31	<0.5	14	48.5	38.4	160	10.4	22	
D70502 (552174)	<0.5	7.74	<1	249	1.0	<1	5.32	<0.5	11	38.2	112	110	9.63	20	
D70503 (552175)	<0.5	7.61	<1	279	1.1	<1	5.25	<0.5	57	37.0	116	106	9.06	21	
D70504 (552176)	<0.5	7.07	<1	359	1.3	<1	5.06	<0.5	179	34.9	77.1	128	8.96	20	
D70505 (552177)	<0.5	2.63	<1	422	3.6	<1	7.05	<0.5	101	70.3	852	99.1	9.77	18	
D70506 (552178)	<0.5	7.42	<1	140	0.9	<1	6.59	<0.5	9	37.9	181	156	7.82	18	
D70507 (552179)	<0.5	7.76	<1	298	1.1	<1	5.42	<0.5	13	44.4	103	109	8.60	21	
D70508 (552180)	<0.5	7.80	<1	268	1.0	<1	4.61	0.5	11	58.7	98.8	94.2	9.28	21	
D70509 (552181)	<0.5	7.24	<1	162	1.4	<1	4.04	<0.5	14	47.1	61.4	226	10.4	23	
D70510 (552182)	<0.5	5.67	2	278	2.0	<1	1.07	<0.5	2	0.9	14.8	3.8	0.32	12	
D70511 (552183)	<0.5	6.89	<1	94	1.1	<1	4.97	<0.5	12	43.8	60.8	151	10.2	20	
D70512 (552184)	<0.5	0.09	<1	48	<0.5	<1	31.1	<0.5	<1	0.9	8.4	<0.5	0.16	<5	
D70513 (552185)	<0.5	7.44	<1	137	1.1	<1	6.43	<0.5	12	38.4	49.1	119	10.2	23	
D70514 (552186)	<0.5	7.26	<1	232	1.4	<1	6.54	<0.5	10	37.9	38.4	81.2	8.98	21	
D70515 (552187)	<0.5	7.56	<1	211	1.0	<1	6.85	<0.5	10	44.3	41.6	130	9.68	22	
D70516 (552188)	<0.5	7.82	<1	390	1.6	<1	7.87	<0.5	9	40.6	62.0	107	9.66	21	
D70517 (552189)	<0.5	7.96	<1	377	1.1	<1	6.56	<0.5	9	41.6	64.2	131	9.56	21	
D70518 (552190)	<0.5	7.96	<1	359	1.2	<1	6.45	<0.5	8	42.7	64.3	116	9.18	22	
D70519 (552191)	<0.5	7.48	<1	205	1.3	<1	5.73	<0.5	16	42.3	65.0	113	8.61	19	
D70520 (552192)	<0.5	5.49	6	204	2.3	<1	6.42	0.7	78	34.3	85.7	82.5	6.63	11	
D70521 (552193)	<0.5	7.97	<1	241	1.0	<1	6.07	<0.5	12	41.1	55.8	93.2	9.11	21	
D70522 (552194)	<0.5	7.96	<1	245	1.0	<1	5.76	<0.5	11	41.1	48.6	114	10.7	23	
D70523 (552195)	<0.5	7.58	<1	582	3.0	<1	3.54	<0.5	49	22.5	128	51.9	5.06	19	
D70524 (552196)	<0.5	8.43	<1	674	1.4	<1	3.72	<0.5	46	22.5	149	43.9	5.23	21	
D70525 (552197)	<0.5	6.90	<1	609	3.4	<1	4.10	<0.5	52	22.5	151	62.8	5.24	17	
D70526 (552198)	<0.5	7.49	<1	142	0.8	<1	6.55	<0.5	10	39.0	177	157	7.73	19	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T521043

PROJECT: AGAT00789

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 20, 2019	DATE RECEIVED: Sep 21, 2019							DATE REPORTED: Oct 09, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D70527 (552199)	<0.5	7.70	<1	600	3.5	<1	3.69	<0.5	44	23.5	121	62.6	4.87	19	
D70528 (552200)	<0.5	7.72	<1	537	1.4	<1	3.58	<0.5	44	22.0	115	53.9	4.93	18	
D70529 (552201)	<0.5	7.71	<1	451	1.3	<1	3.34	<0.5	39	22.9	146	36.6	5.23	18	
D70530 (552202)	<0.5	7.97	<1	457	1.2	<1	3.66	<0.5	48	22.4	116	54.3	5.17	18	
D70531 (552203)	<0.5	7.65	<1	722	1.7	<1	4.10	<0.5	54	23.8	123	55.9	5.29	19	
D70532 (552204)	<0.5	0.06	3	22	<0.5	<1	29.3	<0.5	<1	<0.5	6.0	<0.5	0.11	<5	
D70533 (552205)	<0.5	7.81	<1	451	1.4	<1	3.56	<0.5	43	23.0	108	55.6	5.08	19	
D70534 (552206)	<0.5	7.70	<1	555	2.0	<1	3.33	<0.5	45	21.9	123	36.9	4.95	19	
D70535 (552207)	<0.5	2.18	<1	665	5.4	<1	7.14	<0.5	147	54.3	284	57.8	7.16	13	
D70536 (552208)	<0.5	8.03	<1	595	1.5	<1	3.89	<0.5	51	22.2	134	52.6	5.15	19	
D70537 (552209)	<0.5	7.73	<1	543	1.7	<1	4.03	<0.5	47	26.3	155	51.8	5.87	19	
D70538 (552210)	<0.5	7.97	<1	623	1.8	<1	3.70	<0.5	48	23.6	132	57.3	5.41	20	
D70539 (552211)	<0.5	5.39	<1	1000	3.9	<1	6.97	<0.5	125	42.5	434	121	8.73	24	
D70540 (552212)	<0.5	5.58	<1	719	3.6	<1	6.14	<0.5	103	44.0	555	99.7	8.38	22	
D70541 (552213)	<0.5	7.71	<1	588	1.9	<1	3.15	<0.5	37	21.8	128	54.3	5.04	19	
D70542 (552214)	<0.5	6.87	<1	680	2.4	<1	5.00	<0.5	68	25.8	149	76.1	5.73	20	
D70543 (552215)	<0.5	8.06	<1	426	1.3	<1	3.13	<0.5	41	20.3	114	43.5	4.74	19	
D70544 (552216)	<0.5	7.99	<1	452	1.3	<1	3.15	<0.5	43	21.1	110	42.4	4.72	20	
D70545 (552217)	<0.5	7.78	<1	414	1.3	<1	3.53	<0.5	45	20.9	117	55.5	4.96	18	
D70546 (552218)	<0.5	7.53	<1	183	1.3	<1	6.09	<0.5	21	34.6	181	106	7.54	19	
D70547 (552219)	<0.5	7.95	<1	520	1.2	<1	2.98	<0.5	48	19.0	97.3	38.2	4.68	19	
D70548 (552220)	<0.5	7.85	<1	520	1.3	<1	2.71	<0.5	50	18.2	105	47.9	4.31	18	
D70549 (552221)	<0.5	7.97	<1	514	1.4	<1	3.37	<0.5	47	17.4	103	37.8	4.51	19	
D70550 (552222)	<0.5	7.70	<1	446	1.3	<1	2.93	<0.5	45	18.0	108	41.9	4.35	18	
D70551 (552223)	<0.5	7.33	<1	422	1.6	<1	3.31	<0.5	42	17.0	104	36.5	4.39	17	
D70552 (552224)	<0.5	0.08	<1	32	<0.5	<1	29.5	<0.5	<1	0.5	5.6	<0.5	0.13	<5	
D70553 (552225)	<0.5	7.69	<1	493	1.3	<1	2.90	<0.5	49	16.9	103	35.2	4.30	17	
D70554 (552226)	<0.5	7.73	<1	526	1.2	<1	2.94	<0.5	47	17.6	102	39.3	4.24	17	
D70555 (552227)	<0.5	7.32	<1	539	1.2	<1	2.27	<0.5	44	16.9	104	38.1	3.86	17	
D70556 (552228)	<0.5	7.04	<1	659	1.5	<1	2.97	<0.5	194	14.6	92.7	33.0	3.84	16	
D70557 (552229)	<0.5	7.45	<1	838	1.4	<1	2.17	<0.5	49	16.7	99.2	34.1	3.79	17	
D70558 (552230)	<0.5	7.49	<1	829	1.4	<1	2.29	<0.5	45	16.9	103	34.3	3.89	18	

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## Certificate of Analysis

AGAT WORK ORDER: 19T521043

PROJECT: AGAT00789

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 20, 2019	DATE RECEIVED: Sep 21, 2019							DATE REPORTED: Oct 09, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D70559 (552231)	<0.5	7.59	<1	543	1.2	<1	2.63	<0.5	49	15.8	101	39.3	3.90	17	
D70560 (552232)	<0.5	7.64	<1	586	1.2	<1	2.64	<0.5	47	17.9	108	48.9	4.02	18	
D70561 (552233)	<0.5	7.53	<1	310	1.8	<1	1.61	<0.5	39	9.8	70.5	16.4	2.64	18	
D70562 (552234)	<0.5	7.46	<1	507	1.5	<1	2.26	<0.5	51	17.2	104	42.3	3.77	18	
D70563 (552235)	<0.5	7.89	<1	652	1.5	<1	1.86	<0.5	55	16.0	103	34.3	4.25	20	
D70564 (552236)	<0.5	7.93	<1	606	1.4	<1	2.41	<0.5	57	16.3	99.6	39.3	4.19	19	
D70565 (552237)	<0.5	7.69	<1	648	1.8	<1	2.62	<0.5	58	18.4	137	31.6	3.61	18	
D70566 (552238)	<0.5	7.54	<1	189	1.3	<1	6.18	<0.5	21	35.8	176	111	7.64	19	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 20, 2019	DATE RECEIVED: Sep 21, 2019					DATE REPORTED: Oct 09, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D70495 (552167)	<1	1.96	3	38	2.43	1450	4.5	1.88	63.8	410	<20	<50	0.11	<1	
D70496 (552168)	<1	3.26	95	27	4.20	1510	3.6	2.00	60.0	2770	<20	<50	0.14	<1	
D70497 (552169)	<1	1.08	7	22	1.94	1470	4.3	1.74	59.8	475	<20	<50	0.12	1	
D70498 (552170)	<1	1.03	4	21	1.84	1430	4.8	1.70	52.4	449	<20	<50	0.09	1	
D70499 (552171)	<1	0.56	4	29	2.15	1690	5.2	1.69	61.0	573	<20	<50	0.06	1	
D70500 (552172)	<1	0.36	4	24	2.86	3840	5.1	1.15	67.9	384	<20	<50	0.20	<1	
D70501 (552173)	<1	0.49	4	23	2.44	2070	3.7	1.48	67.9	455	<20	<50	0.12	<1	
D70502 (552174)	<1	0.82	3	25	2.72	2150	3.7	1.41	66.9	383	<20	<50	0.09	<1	
D70503 (552175)	<1	0.62	24	21	2.76	1820	2.7	1.51	69.5	392	<20	<50	0.08	<1	
D70504 (552176)	<1	0.90	78	34	2.50	1510	2.8	1.78	56.0	424	<20	<50	0.08	1	
D70505 (552177)	<1	1.23	46	16	11.6	1600	4.0	0.85	657	1810	<20	<50	0.18	<1	
D70506 (552178)	<1	0.20	3	11	4.42	1360	1.7	2.43	86.0	400	<20	<50	0.14	<1	
D70507 (552179)	<1	0.71	4	34	2.94	1590	2.9	1.81	95.3	446	<20	<50	0.08	<1	
D70508 (552180)	<1	0.72	3	40	3.07	1820	3.0	1.73	139	418	<20	<50	0.12	<1	
D70509 (552181)	<1	1.14	4	47	2.48	1770	3.9	1.34	68.4	520	<20	<50	0.27	<1	
D70510 (552182)	<1	1.82	<2	<1	0.05	43	4.9	2.47	2.7	35	47	<50	<0.01	<1	
D70511 (552183)	<1	0.71	3	26	2.39	2430	4.4	1.38	56.9	441	<20	<50	0.21	<1	
D70512 (552184)	<1	0.01	<2	<1	1.42	103	1.6	0.05	1.6	88	<20	<50	0.03	<1	
D70513 (552185)	<1	0.37	4	22	1.97	1930	4.0	1.35	45.0	421	<20	<50	0.16	<1	
D70514 (552186)	<1	0.51	3	23	2.30	1810	3.7	1.65	40.9	354	<20	<50	0.12	<1	
D70515 (552187)	<1	0.33	3	23	2.87	1740	4.2	1.89	50.2	368	<20	<50	0.14	1	
D70516 (552188)	<1	0.48	3	18	2.23	2160	4.0	1.47	62.8	346	<20	<50	0.14	<1	
D70517 (552189)	<1	0.53	3	22	2.95	1560	3.7	1.99	71.9	354	<20	<50	0.17	<1	
D70518 (552190)	<1	0.64	2	25	2.85	1510	3.2	1.99	76.3	310	<20	<50	0.14	<1	
D70519 (552191)	<1	0.51	5	21	3.03	1730	2.9	2.36	70.7	342	<20	<50	0.13	<1	
D70520 (552192)	<1	4.39	24	13	2.89	2300	14.0	1.77	65.7	98	<20	<50	0.13	<1	
D70521 (552193)	<1	0.92	4	20	2.71	1680	3.0	1.78	60.8	394	<20	<50	0.12	<1	
D70522 (552194)	<1	0.56	3	17	2.17	2180	4.9	1.32	52.0	383	<20	<50	0.22	<1	
D70523 (552195)	<1	1.49	22	17	2.13	903	4.8	3.12	64.6	713	<20	<50	0.09	<1	
D70524 (552196)	<1	1.37	20	27	2.17	969	3.7	3.21	71.2	690	<20	<50	0.08	<1	
D70525 (552197)	<1	2.29	23	52	2.44	1050	3.9	3.06	69.5	1120	<20	<50	0.08	<1	
D70526 (552198)	<1	0.20	3	11	4.45	1380	2.0	2.42	88.3	408	<20	<50	0.15	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 20, 2019	DATE RECEIVED: Sep 21, 2019					DATE REPORTED: Oct 09, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D70527 (552199)	<1	1.42	20	36	2.14	912	6.8	3.75	63.9	743	<20	<50	0.13	<1	
D70528 (552200)	<1	1.86	20	20	1.90	922	2.9	2.73	63.9	718	<20	<50	0.09	<1	
D70529 (552201)	<1	1.43	18	31	2.03	989	3.4	2.91	61.3	596	<20	<50	0.06	<1	
D70530 (552202)	<1	1.20	22	30	2.17	939	3.3	3.02	58.5	672	<20	<50	0.10	<1	
D70531 (552203)	<1	1.54	25	21	2.16	1050	2.9	3.26	60.9	1150	<20	<50	0.09	<1	
D70532 (552204)	<1	0.01	<2	<1	1.43	91	1.2	0.03	0.9	61	<20	<50	0.01	<1	
D70533 (552205)	<1	1.22	20	24	1.98	945	3.9	3.16	62.4	607	<20	<50	0.10	<1	
D70534 (552206)	<1	1.33	21	24	1.92	910	3.9	3.51	56.8	871	<20	<50	0.09	<1	
D70535 (552207)	<1	2.03	74	94	8.53	1400	4.4	2.21	451	2520	<20	<50	0.17	<1	
D70536 (552208)	<1	1.36	23	15	2.15	962	3.8	3.16	67.1	837	<20	<50	0.09	<1	
D70537 (552209)	<1	1.10	21	11	2.55	1100	4.1	3.02	83	806	<20	<50	0.10	<1	
D70538 (552210)	<1	1.33	22	14	2.21	955	3.9	3.23	71.5	827	<20	<50	0.10	<1	
D70539 (552211)	<1	2.35	52	49	6.04	1280	3.3	1.77	246	1800	<20	<50	0.17	<1	
D70540 (552212)	<1	2.14	41	46	6.66	1210	3.3	1.80	322	2270	<20	<50	0.17	<1	
D70541 (552213)	<1	1.28	17	14	2.09	893	3.3	3.21	59.8	627	<20	<50	0.10	<1	
D70542 (552214)	<1	1.46	33	18	3.18	1090	2.9	3.04	101	1540	<20	<50	0.15	<1	
D70543 (552215)	<1	1.22	19	19	1.94	857	3.0	3.28	55.5	608	<20	<50	0.09	<1	
D70544 (552216)	<1	1.19	20	24	1.81	891	3.7	3.12	57.2	591	<20	<50	0.09	<1	
D70545 (552217)	<1	1.09	21	23	1.89	960	4.8	3.15	53.9	675	<20	<50	0.12	<1	
D70546 (552218)	<1	0.43	9	9	4.30	1280	1.9	2.45	104	840	<20	<50	0.09	<1	
D70547 (552219)	<1	1.32	23	30	1.78	896	4.1	3.07	52.7	668	<20	<50	0.12	<1	
D70548 (552220)	<1	1.46	23	29	1.63	846	4.5	2.82	53.0	655	<20	<50	0.15	<1	
D70549 (552221)	<1	1.43	22	30	1.64	902	4.8	2.70	48.9	703	<20	<50	0.11	<1	
D70550 (552222)	<1	1.35	21	27	1.70	829	4.9	3.13	49.5	608	<20	<50	0.11	<1	
D70551 (552223)	<1	1.39	20	24	1.67	902	4.1	3.09	46.6	586	<20	<50	0.12	<1	
D70552 (552224)	<1	0.02	2	<1	1.85	111	1.2	0.04	1.1	67	<20	<50	0.01	<1	
D70553 (552225)	<1	1.25	22	28	1.62	844	3.1	3.00	48.5	666	<20	<50	0.10	<1	
D70554 (552226)	<1	1.55	23	25	1.71	786	3.0	2.99	52.0	670	<20	<50	0.14	<1	
D70555 (552227)	<1	1.68	21	26	1.58	652	3.2	2.80	50.5	586	<20	<50	0.13	<1	
D70556 (552228)	<1	1.98	93	19	1.73	751	2.9	2.76	45.5	605	<20	<50	0.14	<1	
D70557 (552229)	<1	1.58	23	26	1.56	653	3.3	3.15	46.3	709	<20	<50	0.12	<1	
D70558 (552230)	<1	1.61	21	25	1.55	685	3.6	3.14	45.7	728	<20	<50	0.12	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 20, 2019	DATE RECEIVED: Sep 21, 2019					DATE REPORTED: Oct 09, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D70559 (552231)	<1	1.37	23	31	1.47	703	3.3	2.92	46.2	642	<20	<50	0.13	<1	
D70560 (552232)	<1	1.50	23	34	1.56	718	3.4	2.89	49.7	652	<20	<50	0.16	<1	
D70561 (552233)	<1	2.29	17	28	0.90	607	6.0	3.00	28.0	418	<20	<50	0.06	<1	
D70562 (552234)	<1	1.44	24	28	1.51	717	6.4	3.10	48.7	621	<20	<50	0.13	<1	
D70563 (552235)	<1	1.80	27	44	1.70	643	7.1	3.10	46.3	692	<20	<50	0.10	<1	
D70564 (552236)	<1	1.66	27	34	1.54	778	6.5	3.04	45.5	713	<20	<50	0.11	<1	
D70565 (552237)	<1	1.49	28	28	1.67	644	6.9	3.21	50.9	719	<20	<50	0.09	<1	
D70566 (552238)	<1	0.43	9	9	4.28	1280	1.8	2.48	107	863	<20	<50	0.09	<1	

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DATE SAMPLED: Sep 20, 2019	DATE RECEIVED: Sep 21, 2019					DATE REPORTED: Oct 09, 2019					SAMPLE TYPE: Drill Core				
Analyte: Unit: RDL:	Sc ppm 1	Se ppm 10	Sn ppm 5	Sr ppm 1	Ta ppm 10	Te ppm 10	Th ppm 5	Ti % 0.01	Tl ppm 5	U ppm 50	V ppm 0.5	W ppm 1	Y ppm 1	Zn ppm 0.5	
Sample ID (AGAT ID)															
D70495 (552167)	42	<10	<5	162	<10	<10	<5	0.54	<5	<50	269	<1	27	108	
D70496 (552168)	15	<10	<5	1320	<10	<10	<5	0.74	<5	<50	181	<1	30	90.2	
D70497 (552169)	48	<10	<5	146	<10	<10	<5	0.79	<5	<50	355	<1	32	107	
D70498 (552170)	49	<10	<5	121	<10	<10	<5	0.77	<5	<50	362	<1	31	101	
D70499 (552171)	53	<10	<5	105	<10	<10	<5	1.01	<5	<50	400	<1	37	114	
D70500 (552172)	50	<10	<5	82	<10	<10	<5	0.74	<5	<50	377	<1	35	115	
D70501 (552173)	53	<10	<5	127	<10	<10	<5	0.88	<5	<50	494	<1	31	116	
D70502 (552174)	48	<10	<5	138	<10	<10	<5	0.69	<5	<50	320	<1	29	96.0	
D70503 (552175)	48	<10	<5	148	<10	<10	<5	0.68	<5	<50	322	<1	30	97.6	
D70504 (552176)	49	<10	<5	193	<10	<10	51	0.68	<5	<50	329	<1	30	102	
D70505 (552177)	20	<10	<5	742	<10	<10	<5	1.71	<5	<50	249	<1	21	99.6	
D70506 (552178)	46	<10	<5	111	<10	<10	<5	0.65	<5	<50	307	<1	23	76.9	
D70507 (552179)	48	<10	<5	135	<10	<10	<5	0.74	<5	<50	333	<1	31	99.4	
D70508 (552180)	45	<10	<5	127	<10	<10	<5	0.72	<5	<50	320	<1	29	113	
D70509 (552181)	46	<10	<5	125	<10	<10	<5	0.85	<5	<50	336	<1	34	155	
D70510 (552182)	1	<10	<5	152	<10	<10	44	0.01	<5	<50	5.5	<1	3	5.0	
D70511 (552183)	45	<10	<5	111	<10	<10	<5	0.76	<5	<50	345	<1	31	152	
D70512 (552184)	1	<10	<5	73	<10	<10	<5	<0.01	<5	<50	2.5	<1	2	3.9	
D70513 (552185)	48	<10	<5	117	<10	<10	<5	0.76	<5	<50	356	<1	30	105	
D70514 (552186)	47	<10	<5	120	<10	<10	<5	0.65	<5	<50	345	<1	28	99.3	
D70515 (552187)	48	<10	<5	144	<10	<10	<5	0.70	<5	<50	356	<1	28	106	
D70516 (552188)	48	<10	<5	117	<10	<10	<5	0.65	<5	<50	333	<1	27	98.6	
D70517 (552189)	47	<10	<5	173	<10	<10	<5	0.63	<5	<50	322	<1	24	101	
D70518 (552190)	48	<10	<5	170	<10	<10	<5	0.59	<5	<50	326	<1	23	96.0	
D70519 (552191)	47	<10	<5	223	<10	<10	<5	0.56	<5	<50	312	<1	26	100	
D70520 (552192)	48	<10	8	321	<10	<10	12	0.29	<5	<50	283	<1	14	543	
D70521 (552193)	48	<10	<5	102	<10	<10	<5	0.63	<5	<50	330	<1	26	113	
D70522 (552194)	51	<10	<5	117	<10	<10	<5	0.72	<5	<50	371	<1	29	109	
D70523 (552195)	22	<10	<5	350	<10	<10	<5	0.39	<5	<50	152	<1	14	81.2	
D70524 (552196)	22	<10	<5	461	<10	<10	<5	0.41	<5	<50	156	<1	17	78.5	
D70525 (552197)	29	<10	<5	505	<10	<10	<5	0.53	<5	<50	185	<1	16	77.4	
D70526 (552198)	46	<10	<5	109	<10	<10	<5	0.65	<5	<50	307	<1	22	78.9	

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T521043

PROJECT: AGAT00789

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 20, 2019

DATE RECEIVED: Sep 21, 2019

DATE REPORTED: Oct 09, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D70527 (552199)	22	<10	<5	463	<10	<10	<5	0.39	<5	<50	152	<1	20	70.1
D70528 (552200)	19	<10	<5	366	<10	<10	<5	0.38	<5	<50	137	<1	14	80.5
D70529 (552201)	23	<10	<5	425	<10	<10	<5	0.40	<5	<50	156	<1	16	75.3
D70530 (552202)	22	<10	<5	476	<10	<10	<5	0.41	<5	<50	156	<1	16	70.8
D70531 (552203)	20	<10	<5	439	<10	<10	<5	0.41	<5	<50	147	<1	16	86.1
D70532 (552204)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	3.3
D70533 (552205)	22	<10	<5	449	<10	<10	<5	0.40	<5	<50	158	<1	17	70.2
D70534 (552206)	21	<10	<5	449	<10	<10	<5	0.36	<5	<50	144	<1	17	71.8
D70535 (552207)	18	<10	<5	1020	<10	<10	<5	0.92	<5	<50	202	<1	26	73.6
D70536 (552208)	21	<10	<5	428	<10	<10	<5	0.44	<5	<50	154	<1	18	72.5
D70537 (552209)	23	<10	<5	413	<10	<10	<5	0.53	<5	<50	174	<1	17	76.7
D70538 (552210)	22	<10	<5	463	<10	<10	<5	0.51	<5	<50	166	<1	17	73.2
D70539 (552211)	26	<10	<5	547	<10	<10	<5	1.72	<5	<50	295	<1	18	97.4
D70540 (552212)	24	<10	<5	513	<10	<10	<5	1.76	<5	<50	253	<1	17	94.1
D70541 (552213)	21	<10	<5	409	<10	<10	<5	0.41	<5	<50	152	<1	16	66.9
D70542 (552214)	20	<10	<5	599	<10	<10	<5	0.77	<5	<50	171	<1	19	87.3
D70543 (552215)	19	<10	<5	494	<10	<10	<5	0.40	<5	<50	139	<1	15	64.2
D70544 (552216)	19	<10	<5	462	<10	<10	<5	0.39	<5	<50	137	<1	15	68.7
D70545 (552217)	20	<10	<5	440	<10	<10	<5	0.41	<5	<50	150	<1	17	70.9
D70546 (552218)	34	<10	<5	243	<10	<10	<5	0.82	<5	<50	235	<1	22	84.4
D70547 (552219)	17	<10	<5	496	<10	<10	<5	0.39	<5	<50	131	<1	15	68.1
D70548 (552220)	17	<10	<5	463	<10	<10	<5	0.36	<5	<50	123	<1	14	65.1
D70549 (552221)	17	<10	<5	436	<10	<10	<5	0.38	<5	<50	122	<1	15	70.4
D70550 (552222)	17	<10	<5	456	<10	<10	<5	0.38	<5	<50	124	<1	15	64.1
D70551 (552223)	21	<10	<5	433	<10	<10	<5	0.33	<5	<50	134	<1	13	64.4
D70552 (552224)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	4.8
D70553 (552225)	17	<10	<5	481	<10	<10	<5	0.36	<5	<50	122	<1	15	63.3
D70554 (552226)	17	<10	<5	466	<10	<10	<5	0.38	<5	<50	122	<1	13	65.0
D70555 (552227)	16	<10	<5	462	<10	<10	<5	0.34	<5	<50	113	<1	13	63.2
D70556 (552228)	16	<10	<5	445	<10	<10	45	0.28	<5	<50	108	<1	18	53.2
D70557 (552229)	15	<10	<5	515	<10	<10	<5	0.33	<5	<50	111	<1	11	67.0
D70558 (552230)	15	<10	<5	499	<10	<10	<5	0.33	<5	<50	114	<1	11	70.2

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## Certificate of Analysis

AGAT WORK ORDER: 19T521043

PROJECT: AGAT00789

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 20, 2019

DATE RECEIVED: Sep 21, 2019

DATE REPORTED: Oct 09, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Sample ID (AGAT ID)														
D70559 (552231)	15	<10	<5	499	<10	<10	<5	0.36	<5	<50	115	<1	14	67.9
D70560 (552232)	16	<10	<5	503	<10	<10	<5	0.37	<5	<50	120	<1	14	67.6
D70561 (552233)	10	<10	<5	289	<10	<10	5	0.20	<5	<50	64.6	<1	11	66.0
D70562 (552234)	15	<10	<5	446	<10	<10	<5	0.33	<5	<50	115	<1	13	75.8
D70563 (552235)	14	<10	<5	479	<10	<10	<5	0.33	<5	<50	109	<1	10	59.2
D70564 (552236)	15	<10	<5	494	<10	<10	<5	0.35	<5	<50	115	<1	14	64.1
D70565 (552237)	14	<10	<5	611	<10	<10	<5	0.31	<5	<50	106	<1	15	63.4
D70566 (552238)	34	<10	<5	245	<10	<10	<5	0.83	<5	<50	237	<1	22	87.0

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## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 20, 2019      DATE RECEIVED: Sep 21, 2019      DATE REPORTED: Oct 09, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D70495 (552167)				31
D70496 (552168)				243
D70497 (552169)				21
D70498 (552170)				25
D70499 (552171)				22
D70500 (552172)				17
D70501 (552173)				16
D70502 (552174)				16
D70503 (552175)				15
D70504 (552176)				21
D70505 (552177)				208
D70506 (552178)				59
D70507 (552179)				16
D70508 (552180)				15
D70509 (552181)				29
D70510 (552182)				118
D70511 (552183)				32
D70512 (552184)				<5
D70513 (552185)				17
D70514 (552186)				20
D70515 (552187)				15
D70516 (552188)				19
D70517 (552189)				15
D70518 (552190)				16
D70519 (552191)				17
D70520 (552192)				28
D70521 (552193)				24
D70522 (552194)				16
D70523 (552195)				93
D70524 (552196)				103
D70525 (552197)				103
D70526 (552198)				53

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## Certificate of Analysis

AGAT WORK ORDER: 19T521043

PROJECT: AGAT00789

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 20, 2019      DATE RECEIVED: Sep 21, 2019      DATE REPORTED: Oct 09, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D70527 (552199)				118
D70528 (552200)				80
D70529 (552201)				94
D70530 (552202)				102
D70531 (552203)				100
D70532 (552204)				<5
D70533 (552205)				96
D70534 (552206)				112
D70535 (552207)				95
D70536 (552208)				99
D70537 (552209)				110
D70538 (552210)				123
D70539 (552211)				200
D70540 (552212)				266
D70541 (552213)				98
D70542 (552214)				167
D70543 (552215)				105
D70544 (552216)				107
D70545 (552217)				102
D70546 (552218)				91
D70547 (552219)				107
D70548 (552220)				107
D70549 (552221)				101
D70550 (552222)				103
D70551 (552223)				90
D70552 (552224)				<5
D70553 (552225)				106
D70554 (552226)				99
D70555 (552227)				97
D70556 (552228)				87
D70557 (552229)				100
D70558 (552230)				102

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AGAT WORK ORDER: 19T521043

PROJECT: AGAT00789

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 20, 2019      DATE RECEIVED: Sep 21, 2019      DATE REPORTED: Oct 09, 2019      SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
Sample ID (AGAT ID)	RDL:
D70559 (552231)	115
D70560 (552232)	103
D70561 (552233)	89
D70562 (552234)	104
D70563 (552235)	107
D70564 (552236)	115
D70565 (552237)	95
D70566 (552238)	91

Comments: RDL - Reported Detection Limit  
 552167-552238 As, Sb values may be low due to digestion losses.  
 Analysis performed at AGAT Toronto (unless marked by \*)

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## Certificate of Analysis

AGAT WORK ORDER: 19T521043

PROJECT: AGAT00789

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 20, 2019      DATE RECEIVED: Sep 21, 2019      DATE REPORTED: Oct 09, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D70495 (552167)			0.010
D70496 (552168)			0.003
D70497 (552169)			0.003
D70498 (552170)			0.002
D70499 (552171)			0.002
D70500 (552172)			0.004
D70501 (552173)			0.004
D70502 (552174)			0.003
D70503 (552175)			0.003
D70504 (552176)			0.002
D70505 (552177)			0.002
D70506 (552178)			0.524
D70507 (552179)			0.004
D70508 (552180)			0.003
D70509 (552181)			0.005
D70510 (552182)			0.002
D70511 (552183)			0.004
D70512 (552184)			0.002
D70513 (552185)			0.004
D70514 (552186)			0.010
D70515 (552187)			0.004
D70516 (552188)			0.004
D70517 (552189)			0.004
D70518 (552190)			0.003
D70519 (552191)			0.003
D70520 (552192)			0.005
D70521 (552193)			0.003
D70522 (552194)			0.007
D70523 (552195)			0.004
D70524 (552196)			0.020
D70525 (552197)			0.006
D70526 (552198)			0.531

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## Certificate of Analysis

AGAT WORK ORDER: 19T521043

PROJECT: AGAT00789

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 20, 2019      DATE RECEIVED: Sep 21, 2019      DATE REPORTED: Oct 09, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D70527 (552199)			0.007
D70528 (552200)			0.006
D70529 (552201)			0.005
D70530 (552202)			0.004
D70531 (552203)			0.004
D70532 (552204)			0.002
D70533 (552205)			0.015
D70534 (552206)			0.005
D70535 (552207)			0.005
D70536 (552208)			0.007
D70537 (552209)			0.006
D70538 (552210)			0.007
D70539 (552211)			0.003
D70540 (552212)			0.004
D70541 (552213)			0.013
D70542 (552214)			0.007
D70543 (552215)			0.010
D70544 (552216)			0.007
D70545 (552217)			0.009
D70546 (552218)			0.339
D70547 (552219)			0.009
D70548 (552220)			0.034
D70549 (552221)			0.011
D70550 (552222)			0.012
D70551 (552223)			0.018
D70552 (552224)			0.002
D70553 (552225)			0.009
D70554 (552226)			0.028
D70555 (552227)			0.013
D70556 (552228)			0.010
D70557 (552229)			0.016
D70558 (552230)			0.020

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## Certificate of Analysis

AGAT WORK ORDER: 19T521043

PROJECT: AGAT00789

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 20, 2019      DATE RECEIVED: Sep 21, 2019      DATE REPORTED: Oct 09, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au	ppm	0.001	
D70559 (552231)				0.011
D70560 (552232)				0.008
D70561 (552233)				0.006
D70562 (552234)				0.011
D70563 (552235)				0.007
D70564 (552236)				0.009
D70565 (552237)				0.007
D70566 (552238)				0.333

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T521043

PROJECT: AGAT00789

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Sep 20, 2019	DATE RECEIVED: Sep 21, 2019	DATE REPORTED: Oct 09, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D70495 (552167)		91
D70511 (552183)		83
D70531 (552203)		78
D70549 (552221)		80

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T521043

PROJECT: AGAT00789

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Sep 20, 2019

DATE RECEIVED: Sep 21, 2019

DATE REPORTED: Oct 09, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D70495 (552167)		98
D70533 (552205)		92
D70561 (552233)		91

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	552167	< 0.5	< 0.5	0.0%	552182	< 0.5	< 0.5	0.0%	552192	< 0.5	< 0.5	0.0%	552207	< 0.5	< 0.5	0.0%
Al	552167	7.00	6.98	0.3%	552182	5.67	5.66	0.2%	552192	5.49	5.56	1.3%	552207	2.18	2.19	0.5%
As	552167	< 1	< 1	0.0%	552182	2	< 1		552192	6	5	18.2%	552207	< 1	< 1	0.0%
Ba	552167	205	210	2.4%	552182	278	286	2.8%	552192	204	219	7.1%	552207	665	681	2.4%
Be	552167	2.6	2.7	3.8%	552182	2.0	2.0	0.0%	552192	2.29	2.25	1.8%	552207	5.4	5.5	1.8%
Bi	552167	< 1	< 1	0.0%	552182	< 1	< 1	0.0%	552192	< 1	< 1	0.0%	552207	< 1	< 1	0.0%
Ca	552167	5.50	5.66	2.9%	552182	1.07	1.07	0.0%	552192	6.42	6.37	0.8%	552207	7.14	7.27	1.8%
Cd	552167	< 0.5	< 0.5	0.0%	552182	< 0.5	< 0.5	0.0%	552192	0.7	0.8	13.3%	552207	< 0.5	< 0.5	0.0%
Ce	552167	11	10	9.5%	552182	2	2	0.0%	552192	78	74	5.3%	552207	147	148	0.7%
Co	552167	35.9	35.0	2.5%	552182	0.9	0.9	0.0%	552192	34.3	33.6	2.1%	552207	54.3	56.5	4.0%
Cr	552167	97.7	97.3	0.4%	552182	14.8	13.0	12.9%	552192	85.7	79.7	7.3%	552207	284	296	4.1%
Cu	552167	55.6	56.3	1.3%	552182	3.76	3.71	1.3%	552192	82.5	77.5	6.3%	552207	57.8	57.4	0.7%
Fe	552167	8.10	8.23	1.6%	552182	0.317	0.312	1.6%	552192	6.63	6.43	3.1%	552207	7.16	7.32	2.2%
Ga	552167	20	20	0.0%	552182	12	12	0.0%	552192	11	12	8.7%	552207	13	13	0.0%
In	552167	< 1	< 1	0.0%	552182	< 1	< 1	0.0%	552192	< 1	< 1	0.0%	552207	< 1	< 1	0.0%
K	552167	1.96	1.98	1.0%	552182	1.82	1.80	1.1%	552192	4.39	4.49	2.3%	552207	2.03	2.05	1.0%
La	552167	3	3	0.0%	552182	< 2	< 2	0.0%	552192	24	23	4.3%	552207	74	76	2.7%
Li	552167	38	37	2.7%	552182	< 1	< 1	0.0%	552192	13	15	14.3%	552207	94	94	0.0%
Mg	552167	2.43	2.39	1.7%	552182	0.05	0.05	0.0%	552192	2.89	2.79	3.5%	552207	8.53	8.73	2.3%
Mn	552167	1450	1420	2.1%	552182	43	43	0.0%	552192	2300	2270	1.3%	552207	1400	1430	2.1%
Mo	552167	4.53	4.75	4.7%	552182	4.9	4.5	8.5%	552192	14.0	11.9	16.2%	552207	4.4	4.2	4.7%
Na	552167	1.88	1.92	2.1%	552182	2.47	2.62	5.9%	552192	1.77	1.87	5.5%	552207	2.21	2.19	0.9%
Ni	552167	63.8	62.6	1.9%	552182	2.72	2.78	2.2%	552192	65.7	65.0	1.1%	552207	451	459	1.8%
P	552167	410	411	0.2%	552182	35	31	12.1%	552192	98	88	10.8%	552207	2520	2550	1.2%
Pb	552167	< 20	< 20	0.0%	552182	47	47	0.0%	552192	< 20	< 20	0.0%	552207	< 20	< 20	0.0%
Rb	552167	< 50	< 50	0.0%	552182	< 50	< 50	0.0%	552192	< 50	< 50	0.0%	552207	< 50	< 50	0.0%
S	552167	0.11	0.11	0.0%	552182	< 0.01	0.01		552192	0.13	0.12	8.0%	552207	0.17	0.18	5.7%
Sb	552167	< 1	< 1	0.0%	552182	< 1	< 1	0.0%	552192	< 1	< 1	0.0%	552207	< 1	< 1	0.0%
Sc	552167	42	42	0.0%	552182	1	1	0.0%	552192	48	46	4.3%	552207	18	18	0.0%
Se	552167	< 10	< 10	0.0%	552182	< 10	< 10	0.0%	552192	< 10	< 10	0.0%	552207	< 10	< 10	0.0%
Sn	552167	< 5	< 5	0.0%	552182	< 5	< 5	0.0%	552192	8	7	13.3%	552207	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	552167	162	165	1.8%	552182	152	162	6.4%	552192	321	316	1.6%	552207	1020	1040	1.9%
Ta	552167	< 10	< 10	0.0%	552182	< 10	< 10	0.0%	552192	< 10	< 10	0.0%	552207	< 10	< 10	0.0%
Te	552167	< 10	< 10	0.0%	552182	< 10	< 10	0.0%	552192	< 10	< 10	0.0%	552207	< 10	< 10	0.0%
Th	552167	< 5	< 5	0.0%	552182	44	44	0.0%	552192	12	10	18.2%	552207	< 5	< 5	0.0%
Ti	552167	0.54	0.56	3.6%	552182	0.01	0.01	0.0%	552192	0.29	0.29	0.0%	552207	0.92	0.94	2.2%
Tl	552167	< 5	< 5	0.0%	552182	< 5	< 5	0.0%	552192	< 5	< 5	0.0%	552207	< 5	< 5	0.0%
U	552167	< 50	< 50	0.0%	552182	< 50	< 50	0.0%	552192	< 50	< 50	0.0%	552207	< 50	< 50	0.0%
V	552167	269	273	1.5%	552182	5.46	5.41	0.9%	552192	283	263	7.3%	552207	202	208	2.9%
W	552167	< 1	< 1	0.0%	552182	< 1	< 1	0.0%	552192	< 1	< 1	0.0%	552207	< 1	< 1	0.0%
Y	552167	27	27	0.0%	552182	3	3	0.0%	552192	14	13	7.4%	552207	26	26	0.0%
Zn	552167	108	111	2.7%	552182	5.04	5.14	2.0%	552192	543	466	15.3%	552207	73.6	77.9	5.7%
Zr	552167	31	30	3.3%	552182	118	119	0.8%	552192	28	25	11.3%	552207	95	112	16.4%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	552217	< 0.5	< 0.5	0.0%	552232	< 0.5	< 0.5	0.0%								
Al	552217	7.78	7.81	0.4%	552232	7.64	7.64	0.0%								
As	552217	< 1	< 1	0.0%	552232	< 1	< 1	0.0%								
Ba	552217	414	435	4.9%	552232	586	575	1.9%								
Be	552217	1.30	1.24	4.7%	552232	1.23	1.27	3.2%								
Bi	552217	< 1	< 1	0.0%	552232	< 1	< 1	0.0%								
Ca	552217	3.53	3.32	6.1%	552232	2.64	2.59	1.9%								
Cd	552217	< 0.5	< 0.5	0.0%	552232	< 0.5	< 0.5	0.0%								
Ce	552217	45	45	0.0%	552232	47	48	2.1%								
Co	552217	20.9	21.2	1.4%	552232	17.9	16.9	5.7%								
Cr	552217	117	120	2.5%	552232	108	113	4.5%								
Cu	552217	55.5	48.3	13.9%	552232	48.9	50.0	2.2%								
Fe	552217	4.96	4.99	0.6%	552232	4.02	3.95	1.8%								
Ga	552217	18	19	5.4%	552232	18	17	5.7%								
In	552217	< 1	< 1	0.0%	552232	< 1	< 1	0.0%								
K	552217	1.09	1.15	5.4%	552232	1.50	1.50	0.0%								
La	552217	21	21	0.0%	552232	23	22	4.4%								
Li	552217	23	26	12.2%	552232	34	34	0.0%								
Mg	552217	1.89	1.88	0.5%	552232	1.56	1.55	0.6%								
Mn	552217	960	950	1.0%	552232	718	713	0.7%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	552217	4.84	5.18	6.8%	552232	3.4	3.7	8.5%								
Na	552217	3.15	3.03	3.9%	552232	2.89	2.86	1.0%								
Ni	552217	53.9	56.4	4.5%	552232	49.7	48.2	3.1%								
P	552217	675	644	4.7%	552232	652	634	2.8%								
Pb	552217	< 20	< 20	0.0%	552232	< 20	< 20	0.0%								
Rb	552217	< 50	< 50	0.0%	552232	< 50	< 50	0.0%								
S	552217	0.120	0.113	6.0%	552232	0.161	0.144	11.1%								
Sb	552217	< 1	< 1	0.0%	552232	< 1	< 1	0.0%								
Sc	552217	20	20	0.0%	552232	16	16	0.0%								
Se	552217	< 10	< 10	0.0%	552232	< 10	< 10	0.0%								
Sn	552217	< 5	< 5	0.0%	552232	< 5	< 5	0.0%								
Sr	552217	440	450	2.2%	552232	503	497	1.2%								
Ta	552217	< 10	< 10	0.0%	552232	< 10	< 10	0.0%								
Te	552217	< 10	< 10	0.0%	552232	< 10	< 10	0.0%								
Th	552217	< 5	< 5	0.0%	552232	< 5	< 5	0.0%								
Ti	552217	0.41	0.41	0.0%	552232	0.370	0.364	1.6%								
Tl	552217	< 5	< 5	0.0%	552232	< 5	< 5	0.0%								
U	552217	< 50	< 50	0.0%	552232	< 50	< 50	0.0%								
V	552217	150	147	2.0%	552232	120	119	0.8%								
W	552217	< 1	< 1	0.0%	552232	< 1	< 1	0.0%								
Y	552217	17	16	6.1%	552232	14	15	6.9%								
Zn	552217	70.9	70.3	0.8%	552232	67.6	66.4	1.8%								
Zr	552217	102	95	7.1%	552232	103	103	0.0%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	552167	0.010	0.007		552182	0.002	0.002	0.0%	552192	0.005	0.005	0.0%	552207	0.005	0.002	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	552217	0.0089	0.0082	8.2%	552232	0.008	0.007	13.3%								

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GSP5G)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	2.86	95%	90% - 110%
Al	10.95	11.03	101%	90% - 110%	8.17	8.24	101%	90% - 110%	6.96	7.13	102%	90% - 110%	4.75	5.08	107%	90% - 110%
As					26	24	92%	90% - 110%	124	126	102%	90% - 110%				
Ba	340	319	94%	90% - 110%	540	496	92%	90% - 110%	186	181	97%	90% - 110%	216	216	100%	90% - 110%
Be	2.6	2.7	105%	90% - 110%	4.0	3.7	91%	90% - 110%								
Ca	5.72	5.34	93%	90% - 110%	0.907	0.827	91%	90% - 110%	4.01	3.72	93%	90% - 110%	10	9	92%	90% - 110%
Ce	122	118	97%	90% - 110%	98	101	103%	90% - 110%	24	23	95%	90% - 110%				
Co									22.1	20.7	94%	90% - 110%	191	179	93%	90% - 110%
Cr					60.3	58.1	96%	90% - 110%					670	647	97%	90% - 110%
Cu					150	154	103%	90% - 110%	88.6	85.3	96%	90% - 110%	7120	7510	105%	90% - 110%
Fe	4.34	4	92%	90% - 110%	3.77	3.5	93%	90% - 110%	7.56	7.14	94%	90% - 110%	12.71	12.02	95%	90% - 110%
Ga	35	36	102%	90% - 110%												
K	1.37	1.43	104%	90% - 110%					2.021	2.04	101%	90% - 110%	0.1021	0.111	108%	90% - 110%
La	58	56	96%	90% - 110%	44	43	98%	90% - 110%					8.47	7.84	93%	90% - 110%
Li	37	39	104%	90% - 110%	47	46	99%	90% - 110%								
Mg	0.325	0.297	91%	90% - 110%	1.10	1.05	95%	90% - 110%	2.412	2.463	102%	90% - 110%	7.41	7.63	103%	90% - 110%
Mn					780	717	92%	90% - 110%	1510	1432	95%	90% - 110%				
Mo					14	14	100%	90% - 110%								
Na	5.267	5.744	109%	90% - 110%	1.624	1.772	109%	90% - 110%	0.617	0.639	104%	90% - 110%	0.112	0.118	105%	90% - 110%
Ni					32	33	103%	90% - 110%	77.1	74.3	96%	90% - 110%	2480	2360	95%	90% - 110%
P					750	701	93%	90% - 110%	892	903	101%	90% - 110%	731	692	95%	90% - 110%
Pb					31	29	93%	90% - 110%								
S									0.348	0.328	94%	90% - 110%				
Sc	1.1	1	95%	90% - 110%	12	13	105%	90% - 110%					21.33	21.3	100%	90% - 110%
Sr	1191	1160	97%	90% - 110%	144	147	102%	90% - 110%	92.8	84.9	91%	90% - 110%	39	38	98%	90% - 110%
Ti	0.172	0.161	93%	90% - 110%	0.53	0.51	96%	90% - 110%					0.419	0.402	96%	90% - 110%
V	8	8	103%	90% - 110%	77	79	102%	90% - 110%					158	164	104%	90% - 110%
Y	119	125	105%	90% - 110%									12.67	13.12	104%	90% - 110%
Zn	93	87	93%	90% - 110%	130	123	94%	90% - 110%	208	203	98%	90% - 110%	112	107	95%	90% - 110%
Zr													35.7	39.2	110%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GSP5G)				CRM #4 (ref.GS4H)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.73	98%	90% - 110%	0.725	0.711	98%	90% - 110%	0.562	0.594	106%	90% - 110%	5.01	4.88	97%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00789  
 SAMPLING SITE:

AGAT WORK ORDER: 19T521043  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00793

AGAT WORK ORDER: 19T523219

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Oct 07, 2019

PAGES (INCLUDING COVER): 20

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

# Certificate of Analysis

AGAT WORK ORDER: 19T523219

PROJECT: AGAT00793

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Sep 25, 2019

DATE RECEIVED: Sep 26, 2019

DATE REPORTED: Oct 07, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D70711 (565731)		2.37
D70712 (565732)		0.59
D70713 (565733)		1.85
D70714 (565734)		1.07
D70715 (565735)		1.78
D70716 (565736)		2.43
D70717 (565737)		2.26
D70718 (565738)		2.26
D70719 (565739)		2.32
D70720 (565740)		2.20
D70721 (565741)		2.34
D70722 (565742)		2.30
D70723 (565743)		2.44
D70724 (565744)		2.30
D70725 (565745)		0.98
D70726 (565746)		0.10
D70727 (565747)		1.56
D70728 (565748)		2.18
D70729 (565749)		2.30
D70730 (565750)		2.36
D70731 (565751)		2.06
D70732 (565752)		0.68
D70733 (565753)		2.20
D70734 (565754)		2.29
D70735 (565755)		2.15
D70736 (565756)		2.34
D70737 (565757)		2.36
D70738 (565758)		2.36
D70739 (565759)		1.95
D70740 (565760)		2.44
D70741 (565761)		2.39

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T523219

PROJECT: AGAT00793

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 25, 2019

DATE RECEIVED: Sep 26, 2019

DATE REPORTED: Oct 07, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D70742 (565762)		2.72
D70743 (565763)		2.38
D70744 (565764)		2.37
D70745 (565765)		2.61
D70746 (565766)		0.10
D70747 (565767)		2.37

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T523219

PROJECT: AGAT00793

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019	DATE RECEIVED: Sep 26, 2019							DATE REPORTED: Oct 07, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D70711 (565731)	<0.5	7.50	<1	234	1.2	<1	2.55	<0.5	56	6.5	22.5	6.4	3.40	18	
D70712 (565732)	<0.5	0.08	<1	15	<0.5	<1	29.9	<0.5	<1	0.7	2.4	<0.5	0.12	<5	
D70713 (565733)	<0.5	7.25	<1	187	1.0	<1	2.18	<0.5	53	4.9	18.8	8.5	3.12	18	
D70714 (565734)	<0.5	7.09	2	357	0.7	<1	1.73	<0.5	54	4.1	19.0	14.6	3.29	18	
D70715 (565735)	<0.5	6.93	<1	178	0.9	<1	2.10	<0.5	47	3.6	16.5	7.8	2.65	15	
D70716 (565736)	<0.5	7.24	<1	238	1.4	<1	2.37	<0.5	47	6.8	28.0	9.8	2.86	16	
D70717 (565737)	<0.5	7.09	<1	241	1.2	<1	2.04	<0.5	48	5.6	17.3	12.9	2.80	18	
D70718 (565738)	<0.5	7.05	<1	253	1.2	<1	2.01	<0.5	55	6.1	18.1	14.7	2.88	18	
D70719 (565739)	<0.5	7.07	<1	295	1.5	<1	2.17	<0.5	51	7.7	46.8	15.4	2.93	17	
D70720 (565740)	<0.5	7.19	<1	220	1.1	<1	2.29	<0.5	47	5.7	20.8	11.2	2.89	17	
D70721 (565741)	<0.5	7.16	<1	253	1.2	<1	2.27	<0.5	45	6.8	23.4	9.6	3.12	17	
D70722 (565742)	<0.5	7.32	<1	369	1.4	<1	2.66	<0.5	41	10.0	24.3	7.2	3.42	18	
D70723 (565743)	<0.5	7.35	<1	200	1.2	<1	2.18	<0.5	49	4.7	11.5	7.8	3.09	17	
D70724 (565744)	<0.5	7.24	<1	243	1.4	<1	2.23	<0.5	56	5.8	15.9	6.7	2.94	18	
D70725 (565745)	<0.5	8.18	3	153	2.9	<1	2.17	<0.5	47	1.3	10.4	1.1	1.44	25	
D70726 (565746)	<0.5	7.48	<1	178	1.3	<1	5.96	<0.5	21	34.8	147	106	7.44	20	
D70727 (565747)	<0.5	7.15	<1	316	2.1	<1	2.03	<0.5	44	5.1	15.8	8.2	2.86	18	
D70728 (565748)	<0.5	7.18	<1	239	2.0	<1	2.23	<0.5	48	6.7	36.1	9.3	2.81	18	
D70729 (565749)	<0.5	7.00	<1	217	1.4	<1	1.82	<0.5	53	5.4	16.6	7.6	2.90	17	
D70730 (565750)	<0.5	7.49	<1	245	1.3	<1	2.49	<0.5	48	8.5	51.9	6.6	3.75	17	
D70731 (565751)	<0.5	7.19	<1	361	1.9	<1	2.10	<0.5	47	8.4	43.5	11.9	3.51	18	
D70732 (565752)	<0.5	0.06	1	14	<0.5	<1	29.9	<0.5	<1	0.5	3.5	<0.5	0.10	<5	
D70733 (565753)	<0.5	7.22	<1	258	1.2	<1	2.28	<0.5	46	6.8	15.7	9.1	3.23	18	
D70734 (565754)	<0.5	6.75	<1	269	1.6	<1	2.69	<0.5	54	13.3	124	7.1	3.47	16	
D70735 (565755)	<0.5	7.42	<1	289	1.2	<1	1.97	<0.5	51	5.9	19.0	16.9	3.35	18	
D70736 (565756)	<0.5	7.41	<1	301	1.2	<1	2.09	<0.5	43	5.4	15.6	10.7	3.20	19	
D70737 (565757)	<0.5	7.31	<1	316	1.1	<1	2.15	<0.5	50	5.4	19.8	13.7	3.08	17	
D70738 (565758)	<0.5	7.56	<1	313	1.2	<1	2.17	<0.5	54	5.7	20.5	13.7	3.15	19	
D70739 (565759)	<0.5	7.07	<1	310	1.4	<1	2.13	<0.5	49	7.0	19.3	17.5	2.99	17	
D70740 (565760)	<0.5	6.97	<1	339	1.2	<1	2.31	<0.5	61	7.3	19.9	21.7	3.24	16	
D70741 (565761)	<0.5	7.38	<1	327	1.4	<1	2.40	<0.5	48	6.7	22.1	23.5	3.29	18	
D70742 (565762)	<0.5	7.21	<1	329	1.8	<1	2.19	<0.5	48	5.0	20.4	14.5	3.00	17	

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## Certificate of Analysis

AGAT WORK ORDER: 19T523219

PROJECT: AGAT00793

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019	DATE RECEIVED: Sep 26, 2019					DATE REPORTED: Oct 07, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D70743 (565763)	<0.5	7.69	<1	323	1.5	<1	2.24	<0.5	51	5.8	17.4	14.8	3.22	18	
D70744 (565764)	0.5	7.29	<1	286	1.1	<1	2.27	1.0	49	5.9	19.9	32.5	3.44	17	
D70745 (565765)	0.5	7.26	<1	290	1.2	<1	2.43	0.5	49	5.6	17.4	16.9	2.98	17	
D70746 (565766)	<0.5	7.43	<1	178	1.2	<1	6.04	<0.5	21	35.2	149	106	7.47	21	
D70747 (565767)	0.6	7.33	<1	298	1.3	<1	2.20	<0.5	51	5.8	17.4	26.7	3.04	17	

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DATE SAMPLED: Sep 25, 2019	DATE RECEIVED: Sep 26, 2019					DATE REPORTED: Oct 07, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D70711 (565731)	<1	1.38	23	51	0.82	541	4.1	2.22	11.4	533	<20	<50	0.68	<1	
D70712 (565732)	<1	0.01	<2	5	2.37	92	1.1	0.04	0.7	65	<20	<50	<0.01	2	
D70713 (565733)	<1	1.31	23	42	0.69	823	7.0	2.32	6.4	461	<20	<50	1.05	<1	
D70714 (565734)	<1	1.56	25	33	0.41	372	8.5	1.99	6.0	367	32	<50	1.61	<1	
D70715 (565735)	<1	1.15	21	37	0.82	1230	4.5	2.31	5.9	346	29	<50	0.96	<1	
D70716 (565736)	<1	1.60	20	59	1.02	660	4.1	2.20	12.7	364	<20	<50	0.39	<1	
D70717 (565737)	<1	1.39	22	54	0.95	404	4.0	2.45	8.7	426	<20	<50	0.25	<1	
D70718 (565738)	<1	1.43	24	58	1.03	389	5.3	2.33	10.3	442	<20	<50	0.27	<1	
D70719 (565739)	<1	1.65	23	80	1.22	331	4.9	2.28	28.0	462	<20	<50	0.36	<1	
D70720 (565740)	<1	1.27	22	47	0.93	626	4.7	2.19	11.4	387	<20	<50	0.63	<1	
D70721 (565741)	<1	1.43	20	39	0.86	682	3.7	2.11	11.7	415	<20	<50	0.89	<1	
D70722 (565742)	<1	2.16	18	34	0.94	652	4.2	2.01	14.6	439	<20	<50	0.71	<1	
D70723 (565743)	<1	1.39	22	49	0.75	715	3.6	2.30	4.0	447	<20	<50	0.39	<1	
D70724 (565744)	<1	1.39	25	49	0.79	458	3.9	2.10	8.3	395	<20	<50	0.24	<1	
D70725 (565745)	<1	1.04	21	35	0.35	566	3.1	3.28	1.9	174	<20	<50	0.03	<1	
D70726 (565746)	<1	0.46	9	10	4.38	1250	1.8	2.48	101	820	<20	<50	0.08	<1	
D70727 (565747)	<1	1.32	19	41	0.65	367	4.9	2.44	5.7	369	<20	<50	0.33	<1	
D70728 (565748)	<1	1.74	21	38	0.83	428	4.5	2.32	18.7	395	<20	<50	0.40	<1	
D70729 (565749)	<1	1.32	23	36	0.68	498	8.1	2.36	7.6	358	<20	<50	0.42	<1	
D70730 (565750)	<1	1.71	21	38	1.27	971	4.0	1.96	18.3	478	<20	<50	0.50	<1	
D70731 (565751)	<1	1.95	20	55	0.94	769	4.4	2.31	18.9	489	<20	<50	0.68	<1	
D70732 (565752)	<1	0.01	<2	2	2.15	89	1.0	0.02	0.5	71	<20	<50	0.02	<1	
D70733 (565753)	<1	1.92	20	28	0.82	779	3.8	2.37	10.1	408	<20	<50	0.26	<1	
D70734 (565754)	<1	1.82	22	65	2.45	689	3.6	2.02	86.1	526	<20	<50	0.21	<1	
D70735 (565755)	<1	1.65	22	47	0.93	678	4.1	2.48	8.5	467	<20	<50	0.32	<1	
D70736 (565756)	<1	1.52	19	45	0.72	754	3.8	2.50	5.7	451	<20	<50	0.21	<1	
D70737 (565757)	<1	1.42	22	39	0.70	636	5.0	2.57	7.5	416	<20	<50	0.19	<1	
D70738 (565758)	<1	1.46	23	39	0.70	594	6.2	2.61	7.1	411	<20	<50	0.20	<1	
D70739 (565759)	<1	2.40	22	28	0.67	641	4.8	2.55	11.9	321	<20	<50	0.24	<1	
D70740 (565760)	<1	1.78	26	25	0.77	846	5.3	2.66	10.4	354	<20	<50	0.26	<1	
D70741 (565761)	<1	1.65	20	29	0.77	636	6.0	2.63	11.1	329	<20	<50	0.26	<1	
D70742 (565762)	<1	1.40	20	40	0.65	393	5.0	2.43	6.7	394	<20	<50	0.17	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019	DATE RECEIVED: Sep 26, 2019					DATE REPORTED: Oct 07, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D70743 (565763)	<1	1.55	22	41	0.74	752	4.4	2.69	7.0	387	<20	<50	0.20	<1	
D70744 (565764)	<1	1.35	21	39	0.76	795	5.3	2.47	6.8	428	<20	<50	0.60	<1	
D70745 (565765)	<1	1.40	21	33	0.82	808	4.4	2.42	7.2	350	<20	<50	0.36	<1	
D70746 (565766)	<1	0.45	9	9	4.36	1250	1.8	2.47	103	816	<20	<50	0.08	<1	
D70747 (565767)	<1	1.46	23	31	0.78	729	4.0	2.57	7.5	346	<20	<50	0.41	<1	

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DATE SAMPLED: Sep 25, 2019	DATE RECEIVED: Sep 26, 2019					DATE REPORTED: Oct 07, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D70711 (565731)	11	<10	<5	162	<10	<10	<5	0.25	<5	<50	37.7	<1	12	77.1	
D70712 (565732)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	3.1	
D70713 (565733)	11	<10	<5	126	<10	<10	<5	0.20	<5	<50	28.2	<1	12	99.3	
D70714 (565734)	6	<10	<5	100	<10	<10	<5	0.11	<5	<50	24.6	<1	9	86.6	
D70715 (565735)	10	<10	<5	97	<10	<10	<5	0.17	<5	<50	30.5	<1	13	137	
D70716 (565736)	9	<10	<5	124	<10	<10	<5	0.21	<5	<50	33.3	<1	14	65.6	
D70717 (565737)	9	<10	<5	131	<10	<10	<5	0.23	<5	<50	34.8	<1	11	42.0	
D70718 (565738)	10	<10	<5	131	<10	<10	<5	0.24	<5	<50	37.7	<1	12	41.2	
D70719 (565739)	10	<10	<5	158	<10	<10	<5	0.23	<5	<50	37.7	<1	10	55.0	
D70720 (565740)	9	<10	<5	145	<10	<10	<5	0.23	<5	<50	36.5	<1	13	42.7	
D70721 (565741)	10	<10	<5	131	<10	<10	<5	0.22	<5	<50	30.9	<1	13	98.3	
D70722 (565742)	10	<10	<5	138	<10	<10	<5	0.24	<5	<50	39.7	<1	16	112	
D70723 (565743)	10	<10	<5	128	<10	<10	<5	0.24	<5	<50	23.6	<1	17	43.8	
D70724 (565744)	10	<10	<5	128	<10	<10	<5	0.24	<5	<50	33.3	<1	13	45.3	
D70725 (565745)	6	<10	<5	131	<10	<10	9	0.11	<5	<50	13.9	<1	16	40.3	
D70726 (565746)	34	<10	<5	238	<10	<10	<5	0.84	<5	<50	234	<1	22	83.7	
D70727 (565747)	9	<10	<5	118	<10	<10	<5	0.21	<5	<50	26.2	<1	9	45.0	
D70728 (565748)	9	<10	<5	142	<10	<10	<5	0.22	<5	<50	32.3	<1	10	47.3	
D70729 (565749)	9	<10	<5	141	<10	<10	<5	0.22	<5	<50	29.5	<1	13	44.9	
D70730 (565750)	12	<10	<5	140	<10	<10	<5	0.26	<5	<50	46.2	<1	22	57.1	
D70731 (565751)	11	<10	<5	127	<10	<10	<5	0.21	<5	<50	42.6	<1	19	53.3	
D70732 (565752)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	2.2	
D70733 (565753)	10	<10	<5	144	<10	<10	<5	0.23	<5	<50	34.7	<1	16	60.4	
D70734 (565754)	15	<10	<5	134	<10	<10	<5	0.23	<5	<50	49.1	<1	18	55.7	
D70735 (565755)	10	<10	<5	143	<10	<10	<5	0.26	<5	<50	34.7	<1	13	76.9	
D70736 (565756)	10	<10	<5	121	<10	<10	<5	0.25	<5	<50	30.7	<1	16	84.5	
D70737 (565757)	9	<10	<5	127	<10	<10	<5	0.23	<5	<50	31.7	<1	14	80.9	
D70738 (565758)	10	<10	<5	124	<10	<10	<5	0.24	<5	<50	31.8	<1	14	80.1	
D70739 (565759)	8	<10	<5	143	<10	<10	<5	0.17	<5	<50	30.3	<1	14	103	
D70740 (565760)	9	<10	<5	143	<10	<10	<5	0.18	<5	<50	30.8	<1	18	98.3	
D70741 (565761)	10	<10	<5	130	<10	<10	<5	0.21	<5	<50	33.6	<1	14	93.1	
D70742 (565762)	9	<10	<5	89	<10	<10	<5	0.23	<5	<50	30.7	<1	11	78.5	

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DATE SAMPLED: Sep 25, 2019	DATE RECEIVED: Sep 26, 2019					DATE REPORTED: Oct 07, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:														
D70743 (565763)	10	<10	<5	96	<10	<10	<5	0.24	<5	<50	32.3	<1	18	95.9	
D70744 (565764)	9	<10	<5	110	<10	<10	<5	0.24	<5	<50	30.9	<1	19	389	
D70745 (565765)	9	<10	<5	118	<10	<10	<5	0.22	<5	<50	30.8	<1	20	116	
D70746 (565766)	34	<10	<5	238	<10	<10	<5	0.84	<5	<50	235	<1	22	83.7	
D70747 (565767)	9	<10	<5	116	<10	<10	<5	0.23	<5	<50	32.7	<1	17	111	

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DATE SAMPLED: Sep 25, 2019      DATE RECEIVED: Sep 26, 2019      DATE REPORTED: Oct 07, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D70711 (565731)				166
D70712 (565732)				<5
D70713 (565733)				108
D70714 (565734)				63
D70715 (565735)				113
D70716 (565736)				154
D70717 (565737)				142
D70718 (565738)				143
D70719 (565739)				143
D70720 (565740)				135
D70721 (565741)				146
D70722 (565742)				142
D70723 (565743)				166
D70724 (565744)				167
D70725 (565745)				55
D70726 (565746)				88
D70727 (565747)				161
D70728 (565748)				164
D70729 (565749)				114
D70730 (565750)				150
D70731 (565751)				150
D70732 (565752)				<5
D70733 (565753)				129
D70734 (565754)				161
D70735 (565755)				127
D70736 (565756)				155
D70737 (565757)				161
D70738 (565758)				183
D70739 (565759)				139
D70740 (565760)				151
D70741 (565761)				156
D70742 (565762)				156

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T523219

PROJECT: AGAT00793

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019

DATE RECEIVED: Sep 26, 2019

DATE REPORTED: Oct 07, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
Sample ID (AGAT ID)	RDL:
D70743 (565763)	188
D70744 (565764)	162
D70745 (565765)	184
D70746 (565766)	82
D70747 (565767)	179

Comments: RDL - Reported Detection Limit

565731-565767 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T523219

PROJECT: AGAT00793

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 25, 2019      DATE RECEIVED: Sep 26, 2019      DATE REPORTED: Oct 07, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D70711 (565731)			0.004
D70712 (565732)			0.001
D70713 (565733)			0.006
D70714 (565734)			0.005
D70715 (565735)			0.008
D70716 (565736)			0.004
D70717 (565737)			0.003
D70718 (565738)			0.003
D70719 (565739)			0.007
D70720 (565740)			0.003
D70721 (565741)			0.004
D70722 (565742)			0.003
D70723 (565743)			0.002
D70724 (565744)			0.002
D70725 (565745)			0.002
D70726 (565746)			0.323
D70727 (565747)			0.004
D70728 (565748)			0.004
D70729 (565749)			0.004
D70730 (565750)			0.004
D70731 (565751)			0.005
D70732 (565752)			0.001
D70733 (565753)			0.005
D70734 (565754)			0.002
D70735 (565755)			0.003
D70736 (565756)			0.003
D70737 (565757)			0.003
D70738 (565758)			0.003
D70739 (565759)			0.003
D70740 (565760)			0.003
D70741 (565761)			0.003
D70742 (565762)			0.002

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T523219

PROJECT: AGAT00793

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 25, 2019

DATE RECEIVED: Sep 26, 2019

DATE REPORTED: Oct 07, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D70743 (565763)			0.004
D70744 (565764)			0.016
D70745 (565765)			0.011
D70746 (565766)			0.340
D70747 (565767)			0.009

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T523219

PROJECT: AGAT00793

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Sep 25, 2019      DATE RECEIVED: Sep 26, 2019      DATE REPORTED: Oct 07, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D70711 (565731)		83
D70728 (565748)		80
D70747 (565767)		82

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T523219

PROJECT: AGAT00793

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Sep 25, 2019

DATE RECEIVED: Sep 26, 2019

DATE REPORTED: Oct 07, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D70711 (565731)		88
D70737 (565757)		85

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	565731	< 0.5	< 0.5	0.0%	565747	< 0.5	< 0.5	0.0%	565759	< 0.5	< 0.5	0.0%				
Al	565731	7.50	7.65	2.0%	565747	7.15	7.08	1.0%	565759	7.07	7.14	1.0%				
As	565731	< 1	< 1	0.0%	565747	< 1	< 1	0.0%	565759	< 1	< 1	0.0%				
Ba	565731	234	228	2.6%	565747	316	325	2.8%	565759	310	311	0.3%				
Be	565731	1.16	1.09	6.2%	565747	2.1	2.1	0.0%	565759	1.4	1.4	0.0%				
Bi	565731	< 1	< 1	0.0%	565747	< 1	< 1	0.0%	565759	< 1	< 1	0.0%				
Ca	565731	2.55	2.59	1.6%	565747	2.03	2.06	1.5%	565759	2.13	2.09	1.9%				
Cd	565731	< 0.5	< 0.5	0.0%	565747	< 0.5	< 0.5	0.0%	565759	< 0.5	< 0.5	0.0%				
Ce	565731	56	55	1.8%	565747	44	45	2.2%	565759	49	49	0.0%				
Co	565731	6.5	7.7	16.9%	565747	5.08	5.04	0.8%	565759	6.97	6.19	11.9%				
Cr	565731	22.5	28	21.8%	565747	15.8	14.4	9.3%	565759	19.3	20.8	7.5%				
Cu	565731	6.4	8.0	22.2%	565747	8.2	7.9	3.7%	565759	17.5	17.2	1.7%				
Fe	565731	3.40	3.95	15.0%	565747	2.86	2.88	0.7%	565759	2.99	2.95	1.3%				
Ga	565731	18	18	0.0%	565747	18	19	5.4%	565759	17	17	0.0%				
In	565731	< 1	< 1	0.0%	565747	< 1	< 1	0.0%	565759	< 1	< 1	0.0%				
K	565731	1.38	1.32	4.4%	565747	1.32	1.32	0.0%	565759	2.40	2.08	14.3%				
La	565731	23	24	4.3%	565747	19	20	5.1%	565759	22	21	4.7%				
Li	565731	51	49	4.0%	565747	41	41	0.0%	565759	28	25	11.3%				
Mg	565731	0.824	0.848	2.9%	565747	0.654	0.658	0.6%	565759	0.67	0.64	4.6%				
Mn	565731	541	639	16.6%	565747	367	363	1.1%	565759	641	689	7.2%				
Mo	565731	4.1	4.5	9.3%	565747	4.88	4.51	7.9%	565759	4.83	5.43	11.7%				
Na	565731	2.22	2.28	2.7%	565747	2.44	2.46	0.8%	565759	2.55	2.67	4.6%				
Ni	565731	11.4	11.8	3.4%	565747	5.75	5.89	2.4%	565759	11.9	9.53	22.1%				
P	565731	533	565	5.8%	565747	369	370	0.3%	565759	321	293	9.1%				
Pb	565731	< 20	< 20	0.0%	565747	< 20	< 20	0.0%	565759	< 20	< 20	0.0%				
Rb	565731	< 50	< 50	0.0%	565747	< 50	< 50	0.0%	565759	< 50	< 50	0.0%				
S	565731	0.68	0.88	25.6%	565747	0.33	0.33	0.0%	565759	0.236	0.220	7.0%				
Sb	565731	< 1	< 1	0.0%	565747	< 1	< 1	0.0%	565759	< 1	< 1	0.0%				
Sc	565731	11	12	8.7%	565747	9	9	0.0%	565759	8	9	11.8%				
Se	565731	< 10	< 10	0.0%	565747	< 10	< 10	0.0%	565759	< 10	< 10	0.0%				
Sn	565731	< 5	< 5	0.0%	565747	< 5	< 5	0.0%	565759	< 5	< 5	0.0%				



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	565731	162	170	4.8%	565747	118	119	0.8%	565759	143	136	5.0%				
Ta	565731	< 10	< 10	0.0%	565747	< 10	< 10	0.0%	565759	< 10	< 10	0.0%				
Te	565731	< 10	< 10	0.0%	565747	< 10	< 10	0.0%	565759	< 10	< 10	0.0%				
Th	565731	< 5	< 5	0.0%	565747	< 5	< 5	0.0%	565759	< 5	< 5	0.0%				
Ti	565731	0.251	0.242	3.7%	565747	0.21	0.21	0.0%	565759	0.173	0.187	7.8%				
Tl	565731	< 5	< 5	0.0%	565747	< 5	< 5	0.0%	565759	< 5	< 5	0.0%				
U	565731	< 50	< 50	0.0%	565747	< 50	< 50	0.0%	565759	< 50	< 50	0.0%				
V	565731	37.7	43.4	14.1%	565747	26.2	26.4	0.8%	565759	30.3	29.7	2.0%				
W	565731	< 1	< 1	0.0%	565747	< 1	< 1	0.0%	565759	< 1	< 1	0.0%				
Y	565731	12	14	15.4%	565747	9	9	0.0%	565759	14	16	13.3%				
Zn	565731	77.1	78.1	1.3%	565747	45.0	48.0	6.5%	565759	103	94.1	9.0%				
Zr	565731	166	153	8.2%	565747	161	168	4.3%	565759	139	164	16.5%				

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Au	565731	0.0037	0.0035	5.6%	565747	0.0036	0.0033	8.7%	565759	0.003	0.005					



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GS4H)				CRM #3 (ref.WMG-1a)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Ag									3.03	2.78	92%	90% - 110%				
Al	10.95	10.77	98%	90% - 110%	8.17	8.16	100%	90% - 110%	4.75	4.96	104%	90% - 110%				
As					26	24	92%	90% - 110%								
Ba	340	306	90%	90% - 110%	540	487	90%	90% - 110%	216	206	95%	90% - 110%				
Be	2.6	2.7	102%	90% - 110%	4.0	3.7	92%	90% - 110%								
Ca	5.72	5.22	91%	90% - 110%	0.907	0.859	94%	90% - 110%	10	9	89%	90% - 110%				
Ce	122	117	96%	90% - 110%	98	97	99%	90% - 110%								
Co									191	180	94%	90% - 110%				
Cr					60.3	59.3	98%	90% - 110%	670	625	93%	90% - 110%				
Cu					150	153	102%	90% - 110%	7120	7339	103%	90% - 110%				
Fe	4.34	4.09	94%	90% - 110%	3.77	3.57	95%	90% - 110%	12.71	12.05	95%	90% - 110%				
Ga	35	39	110%	90% - 110%												
K	1.37	1.47	107%	90% - 110%					0.1021	0.1061	103%	90% - 110%				
La	58	54	93%	90% - 110%	44	42	94%	90% - 110%	8.47	7.81	92%	90% - 110%				
Li	37	39	104%	90% - 110%	47	46	99%	90% - 110%								
Mg	0.325	0.294	90%	90% - 110%	1.10	1.05	96%	90% - 110%	7.41	7.66	103%	90% - 110%				
Mn					780	700	90%	90% - 110%								
Mo					14	13	93%	90% - 110%	2.49	3.091	124%	90% - 110%				
Na	5.267	5.59	106%	90% - 110%	1.624	1.75	108%	90% - 110%	0.112	0.121	108%	90% - 110%				
Ni					32	30	95%	90% - 110%	2480	2322	93%	90% - 110%				
P					750	677	90%	90% - 110%	731	695	95%	90% - 110%				
Pb					31	29	93%	90% - 110%								
Sb									1.8	1.5	83%	90% - 110%				
Sc	1.1	1	94%	90% - 110%	12	12	102%	90% - 110%	21.33	21.29	100%	90% - 110%				
Sr	1191	1086	91%	90% - 110%	144	141	98%	90% - 110%	39	37	95%	90% - 110%				
Ti	0.172	0.167	97%	90% - 110%	0.53	0.49	92%	90% - 110%	0.419	0.403	96%	90% - 110%				
V	8	8	105%	90% - 110%	77	76	99%	90% - 110%	158	163	103%	90% - 110%				
Y	119	121	102%	90% - 110%					12.67	13.08	103%	90% - 110%				
Zn	93	85	91%	90% - 110%	130	121	93%	90% - 110%	112	111	99%	90% - 110%				
Zr									35.7	36.9	103%	90% - 110%				

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GS4H)				CRM #3 (ref.GSP7M)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	6.87	6.59	96%	90% - 110%	5.01	4.82	96%	90% - 110%	0.725	0.661	91%	90% - 110%				

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00793  
 SAMPLING SITE:

AGAT WORK ORDER: 19T523219  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00795

AGAT WORK ORDER: 19T523223

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Oct 16, 2019

PAGES (INCLUDING COVER): 30

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T523223

PROJECT: AGAT00795

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 25, 2019      DATE RECEIVED: Sep 26, 2019      DATE REPORTED: Oct 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
Z21755 (565803)		3.35
Z21756 (565804)		3.48
Z21757 (565805)		3.41
Z21758 (565806)		3.41
Z21759 (565807)		3.38
Z21760 (565808)		3.33
Z21761 (565809)		3.31
Z21762 (565810)		3.19
Z21763 (565811)		3.29
Z21764 (565812)		1.61
Z21765 (565813)		1.30
Z21766 (565814)		0.10
Z21767 (565815)		3.18
Z21768 (565816)		0.72
Z21769 (565817)		1.98
Z21770 (565818)		3.29
Z21771 (565819)		2.06
Z21772 (565820)		0.70
Z21773 (565821)		1.37
Z21774 (565822)		1.71
Z21775 (565823)		1.93
Z21776 (565824)		2.13
Z21777 (565825)		1.23
Z21778 (565826)		1.23
Z21779 (565827)		1.37
Z21780 (565828)		2.19
Z21781 (565829)		2.92
Z21782 (565830)		1.72
Z21783 (565831)		2.28
Z21784 (565832)		2.47
Z21785 (565833)		2.40

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T523223

PROJECT: AGAT00795

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 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 25, 2019      DATE RECEIVED: Sep 26, 2019      DATE REPORTED: Oct 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
Z21786 (565834)		0.10
Z21787 (565835)		2.22
Z21788 (565836)		2.84
Z21789 (565837)		1.77
Z21790 (565838)		2.33
Z21791 (565839)		0.97
Z21792 (565840)		0.62
Z21793 (565841)		1.51
Z21794 (565842)		2.88
Z21795 (565843)		2.94
Z21796 (565844)		2.26
Z21797 (565845)		2.33
Z21798 (565846)		2.33
Z21799 (565847)		1.12
Z21800 (565848)		1.16
Z21801 (565849)		3.73
Z21802 (565850)		3.19
Z21803 (565851)		3.30
Z21804 (565852)		3.24
Z21805 (565853)		3.34
Z21806 (565854)		0.10
Z21807 (565855)		3.18
Z21808 (565856)		3.00
Z21809 (565857)		3.18
Z21810 (565858)		2.19
Z21811 (565859)		1.50
Z21812 (565860)		0.72
Z21813 (565861)		2.92
Z21814 (565862)		3.51
Z21815 (565863)		3.33
Z21816 (565864)		2.29

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T523223

PROJECT: AGAT00795

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 25, 2019

DATE RECEIVED: Sep 26, 2019

DATE REPORTED: Oct 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
Z21817 (565865)		2.25
Z21818 (565866)		2.25
Z21819 (565867)		2.18
Z21820 (565868)		3.16
Z21821 (565869)		3.21
Z21822 (565870)		3.23
Z21823 (565871)		3.13
Z21824 (565872)		3.39
Z21825 (565873)		3.30
Z21826 (565874)		0.10

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T523223

PROJECT: AGAT00795

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019	DATE RECEIVED: Sep 26, 2019							DATE REPORTED: Oct 16, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z21755 (565803)	<0.5	7.03	1	238	1.0	<1	1.00	<0.5	31	<0.5	9.1	1.8	0.44	15	
Z21756 (565804)	0.6	7.21	2	161	1.1	<1	1.13	<0.5	25	<0.5	12.1	7.1	0.50	14	
Z21757 (565805)	0.7	7.32	1	159	1.1	<1	1.26	<0.5	46	<0.5	11.0	3.0	0.44	14	
Z21758 (565806)	0.6	6.91	1	270	0.8	<1	0.81	<0.5	12	<0.5	24.2	2.0	0.63	13	
Z21759 (565807)	0.6	6.97	<1	269	0.8	<1	0.83	<0.5	10	<0.5	21.1	1.7	0.52	13	
Z21760 (565808)	<0.5	7.21	<1	167	1.2	<1	1.35	<0.5	3	<0.5	14.5	7.8	0.51	13	
Z21761 (565809)	0.6	6.96	<1	282	0.9	<1	0.95	<0.5	3	<0.5	15.7	2.8	0.57	12	
Z21762 (565810)	1.0	7.25	2	203	1.2	<1	1.25	<0.5	3	<0.5	13.0	1.4	0.58	13	
Z21763 (565811)	<0.5	7.53	<1	186	1.3	<1	1.50	<0.5	5	<0.5	10.8	1.8	0.63	15	
Z21764 (565812)	0.7	8.21	12	191	1.4	<1	2.19	<0.5	8	1.8	24.7	8.7	0.96	18	
Z21765 (565813)	<0.5	3.54	<1	854	2.3	<1	7.41	<0.5	96	63.7	604	104	8.74	17	
Z21766 (565814)	<0.5	7.41	<1	187	0.8	<1	6.28	<0.5	22	41.5	178	103	7.71	21	
Z21767 (565815)	1.5	7.74	<1	188	1.4	<1	1.72	<0.5	7	1.0	18.7	3.0	0.92	14	
Z21768 (565816)	0.6	7.83	<1	201	1.0	<1	2.90	<0.5	27	14.4	26.6	16.9	5.80	22	
Z21769 (565817)	1.1	7.02	<1	91	1.4	<1	1.95	<0.5	6	2.9	34.9	8.6	1.73	17	
Z21770 (565818)	<0.5	7.54	<1	209	1.0	<1	2.92	<0.5	32	12.4	96.6	48.1	4.27	19	
Z21771 (565819)	0.8	5.86	11	454	<0.5	<1	0.67	<0.5	7	2.8	27.1	5.2	1.15	11	
Z21772 (565820)	<0.5	0.09	2	22	<0.5	<1	31.0	<0.5	<1	<0.5	2.4	2.8	0.13	<5	
Z21773 (565821)	<0.5	5.94	8	314	1.8	<1	1.98	<0.5	21	4.3	26.0	16.5	1.41	12	
Z21774 (565822)	<0.5	2.94	3	905	3.3	<1	8.98	0.6	165	49.2	312	89.1	8.47	17	
Z21775 (565823)	<0.5	6.64	2	574	<0.5	<1	0.40	<0.5	4	0.9	8.8	5.2	0.61	12	
Z21776 (565824)	<0.5	5.04	2	502	1.0	<1	0.62	<0.5	9	1.9	28.3	5.3	0.88	9	
Z21777 (565825)	<0.5	3.06	<1	976	4.6	<1	8.96	<0.5	174	50.2	493	81.4	8.04	17	
Z21778 (565826)	<0.5	3.03	<1	956	4.6	<1	8.91	<0.5	174	50.1	495	79.0	8.12	18	
Z21779 (565827)	<0.5	5.87	1	594	1.2	<1	0.61	<0.5	22	1.7	19.4	4.6	0.89	11	
Z21780 (565828)	<0.5	7.26	1	857	<0.5	<1	0.19	<0.5	2	<0.5	10.3	3.9	0.45	11	
Z21781 (565829)	<0.5	7.02	1	309	1.3	<1	1.24	<0.5	4	0.9	11.7	10.4	0.88	15	
Z21782 (565830)	<0.5	7.37	<1	482	4.6	<1	2.61	<0.5	34	14.3	73.7	42.4	3.78	22	
Z21783 (565831)	<0.5	7.68	<1	333	2.0	<1	3.87	<0.5	33	22.3	93.2	33.7	4.72	19	
Z21784 (565832)	<0.5	7.20	2	313	1.6	<1	4.48	<0.5	24	28.8	106	30.2	5.25	18	
Z21785 (565833)	<0.5	7.52	<1	284	1.0	<1	4.70	<0.5	26	28.7	139	106	5.61	18	
Z21786 (565834)	<0.5	7.35	<1	144	0.5	<1	6.90	<0.5	9	43.1	166	150	8.19	20	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T523223

PROJECT: AGAT00795

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019	DATE RECEIVED: Sep 26, 2019							DATE REPORTED: Oct 16, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z21787 (565835)	<0.5	7.35	<1	200	0.9	<1	5.20	0.5	25	32.2	272	34.9	5.77	17	
Z21788 (565836)	<0.5	2.94	<1	795	4.6	<1	7.75	<0.5	193	47.8	458	63.8	7.21	13	
Z21789 (565837)	<0.5	7.40	1	470	1.4	<1	4.73	<0.5	26	24.6	148	48.0	4.97	17	
Z21790 (565838)	<0.5	7.49	18	343	3.9	<1	4.26	0.7	29	18.0	94.4	31.7	3.81	17	
Z21791 (565839)	<0.5	3.72	46	367	1.9	<1	5.99	1.0	71	55.4	418	74.7	6.93	12	
Z21792 (565840)	<0.5	0.10	<1	62	<0.5	<1	30.9	<0.5	<1	<0.5	7.2	<0.5	0.27	<5	
Z21793 (565841)	<0.5	6.78	63	655	2.5	<1	4.91	1.4	38	24.8	122	67.0	4.69	17	
Z21794 (565842)	<0.5	2.93	<1	983	2.4	<1	8.07	<0.5	167	60.3	663	86.0	9.00	15	
Z21795 (565843)	<0.5	8.03	10	330	1.3	<1	5.18	<0.5	31	29.1	120	32.2	6.06	19	
Z21796 (565844)	<0.5	7.58	12	262	1.1	<1	3.85	<0.5	34	20.2	116	19.5	5.02	18	
Z21797 (565845)	<0.5	7.89	3	310	1.6	<1	3.06	<0.5	42	10.6	52.3	27.4	5.05	20	
Z21798 (565846)	<0.5	7.72	2	311	1.7	<1	3.02	<0.5	43	10.3	55.6	26.9	4.81	20	
Z21799 (565847)	<0.5	6.99	<1	455	1.6	<1	2.86	<0.5	50	7.1	20.0	21.5	4.47	19	
Z21800 (565848)	<0.5	7.00	10	955	1.1	<1	1.45	<0.5	177	4.2	22.3	71.9	2.51	13	
Z21801 (565849)	<0.5	7.87	3	1280	0.9	<1	1.39	<0.5	95	2.5	21.2	3.1	2.01	8	
Z21802 (565850)	<0.5	6.21	<1	1280	0.6	<1	0.78	<0.5	23	<0.5	20.9	2.3	0.93	9	
Z21803 (565851)	<0.5	8.35	1	1780	0.8	<1	0.83	<0.5	39	<0.5	21.1	2.1	2.16	16	
Z21804 (565852)	<0.5	8.06	3	1960	0.9	<1	1.42	<0.5	34	<0.5	16.2	3.0	1.32	15	
Z21805 (565853)	<0.5	6.89	3	888	1.1	<1	1.78	<0.5	67	3.8	32.1	2.5	2.56	17	
Z21806 (565854)	<0.5	7.52	<1	156	0.5	<1	7.58	<0.5	9	44.2	166	153	8.95	18	
Z21807 (565855)	<0.5	7.70	3	2340	0.8	<1	1.05	<0.5	15	<0.5	12.1	1.6	0.94	15	
Z21808 (565856)	<0.5	7.81	2	434	1.6	<1	2.40	<0.5	65	2.4	20.7	15.1	2.66	21	
Z21809 (565857)	<0.5	6.94	<1	1120	1.3	<1	1.55	<0.5	34	0.9	15.3	23.1	1.18	14	
Z21810 (565858)	<0.5	7.86	2	1490	1.2	<1	1.30	<0.5	64	2.0	13.6	20.4	1.23	15	
Z21811 (565859)	<0.5	7.28	3	1440	1.1	<1	1.22	<0.5	34	0.5	15.8	8.2	0.81	14	
Z21812 (565860)	<0.5	0.10	<1	21	<0.5	<1	30.7	<0.5	<1	<0.5	3.1	<0.5	0.19	<5	
Z21813 (565861)	0.9	7.23	<1	331	1.4	<1	3.15	<0.5	50	6.6	20.8	25.3	4.82	19	
Z21814 (565862)	0.8	7.69	<1	277	1.8	<1	3.06	0.8	47	9.5	28.8	36.7	4.67	20	
Z21815 (565863)	1.0	7.33	4	365	1.8	<1	2.33	0.7	69	4.8	21.2	23.9	4.01	20	
Z21816 (565864)	1.2	6.77	<1	403	1.4	<1	2.40	0.6	53	5.4	21.5	31.4	4.31	19	
Z21817 (565865)	1.7	7.03	<1	395	1.1	<1	1.82	1.9	61	11.6	17.6	190	6.73	20	
Z21818 (565866)	1.9	6.64	<1	358	1.0	<1	1.74	2.0	65	10.2	19.3	186	6.29	17	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T523223

PROJECT: AGAT00795

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019		DATE RECEIVED: Sep 26, 2019						DATE REPORTED: Oct 16, 2019				SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
Z21819 (565867)		1.1	7.24	3	321	2.1	<1	3.02	0.8	54	10.9	20.4	95.9	5.11	18
Z21820 (565868)		1.3	7.09	<1	330	1.6	<1	2.67	0.7	60	6.4	24.4	31.4	5.09	19
Z21821 (565869)		<0.5	7.10	<1	463	2.4	<1	2.97	<0.5	65	10.6	90.2	17.1	4.17	19
Z21822 (565870)		0.7	7.77	<1	334	1.1	<1	3.20	<0.5	54	6.5	24.4	23.4	3.66	19
Z21823 (565871)		0.5	7.66	<1	458	1.3	<1	2.86	<0.5	48	6.9	22.8	10.9	3.16	18
Z21824 (565872)		0.9	7.02	2	338	1.6	<1	2.55	<0.5	47	7.0	23.3	9.1	3.40	18
Z21825 (565873)		<0.5	7.19	3	917	1.5	<1	2.81	<0.5	62	7.8	27.2	6.7	3.44	18
Z21826 (565874)		<0.5	7.24	<1	150	0.5	<1	6.98	<0.5	10	44.5	167	151	8.30	19

Certified By:



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PROJECT: AGAT00795

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019	DATE RECEIVED: Sep 26, 2019					DATE REPORTED: Oct 16, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	1	10	0.01	1	
Z21755 (565803)	<1	3.84	14	2	0.07	73	5.0	2.77	1.7	46	60	24	0.01	<1	
Z21756 (565804)	<1	3.53	12	3	0.06	74	5.8	3.01	1.3	50	29	21	0.03	<1	
Z21757 (565805)	<1	3.06	22	2	0.05	65	6.1	3.29	1.0	35	25	17	0.01	<1	
Z21758 (565806)	<1	4.52	5	3	0.04	125	12.6	2.41	2.9	51	45	26	0.01	<1	
Z21759 (565807)	<1	4.49	4	3	0.04	95	9.5	2.48	2.2	45	38	25	0.01	<1	
Z21760 (565808)	<1	2.55	<2	3	0.06	69	6.9	3.41	1.2	33	28	13	0.03	<1	
Z21761 (565809)	<1	3.97	<2	4	0.08	72	6.4	2.60	1.4	45	31	23	0.01	<1	
Z21762 (565810)	1	3.22	<2	5	0.09	90	4.6	3.13	1.1	163	45	18	<0.01	<1	
Z21763 (565811)	<1	2.88	<2	3	0.10	82	4.1	3.29	1.0	356	43	18	0.01	<1	
Z21764 (565812)	<1	2.32	3	8	0.30	151	5.8	3.92	11.5	327	84	15	0.02	<1	
Z21765 (565813)	<1	2.27	45	48	11.0	1290	3.8	1.10	533	780	19	21	0.16	<1	
Z21766 (565814)	<1	0.43	9	10	4.37	1300	2.0	2.39	115	807	3	<10	0.09	<1	
Z21767 (565815)	2	2.07	<2	5	0.19	122	7.8	3.57	6.0	363	73	12	<0.01	<1	
Z21768 (565816)	<1	1.53	11	37	0.78	1230	7.1	2.47	8.1	745	8	19	0.06	<1	
Z21769 (565817)	<1	0.73	<2	12	0.28	727	9.9	3.39	12.0	150	38	<10	0.03	<1	
Z21770 (565818)	<1	1.21	14	22	0.82	924	6.7	2.65	30.2	697	9	16	0.15	<1	
Z21771 (565819)	<1	5.71	2	10	0.36	186	15.6	1.30	15.7	201	45	35	0.03	<1	
Z21772 (565820)	<1	0.03	<2	1	1.55	96	1.9	0.04	1.5	73	<1	<10	0.02	<1	
Z21773 (565821)	<1	3.26	9	9	0.63	283	6.2	2.84	16.3	427	28	18	0.06	<1	
Z21774 (565822)	<1	2.93	78	29	7.06	1430	5.0	1.55	281	2130	16	30	0.17	<1	
Z21775 (565823)	<1	2.73	2	3	0.18	90	3.7	1.33	4.5	131	31	14	0.03	<1	
Z21776 (565824)	<1	5.11	4	6	0.32	123	11.9	1.12	14.2	317	24	29	0.02	<1	
Z21777 (565825)	<1	2.53	84	37	8.55	1420	6.4	1.65	357	3000	10	26	0.17	<1	
Z21778 (565826)	<1	2.49	84	38	8.52	1410	6.6	1.70	360	3180	12	25	0.17	<1	
Z21779 (565827)	<1	5.58	10	6	0.38	138	7.3	1.57	12.3	369	30	34	0.02	<1	
Z21780 (565828)	<1	7.58	<2	2	0.09	60	5.2	1.41	3.0	59	28	44	0.01	<1	
Z21781 (565829)	<1	2.84	<2	6	0.18	142	5.6	3.02	2.0	214	16	18	0.02	<1	
Z21782 (565830)	<1	2.00	16	26	1.68	523	7.6	3.33	46.6	571	479	25	0.07	<1	
Z21783 (565831)	<1	1.19	14	16	2.68	770	5.4	3.38	80.0	614	4	<10	0.03	<1	
Z21784 (565832)	<1	0.83	11	17	3.21	869	3.8	2.83	108	553	25	<10	0.03	<1	
Z21785 (565833)	<1	0.61	11	14	3.56	880	4.8	2.61	115	607	2	<10	0.11	<1	
Z21786 (565834)	<1	0.20	3	12	4.48	1400	1.5	2.35	93.1	413	3	<10	0.15	<1	

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T523223

PROJECT: AGAT00795

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019

DATE RECEIVED: Sep 26, 2019

DATE REPORTED: Oct 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 1	Rb ppm 10	S % 0.01	Sb ppm 1
Z21787 (565835)		<1	0.52	11	17	4.52	863	4.6	2.71	166	683	3	<10	0.03	<1
Z21788 (565836)		<1	1.74	97	47	8.17	1480	7.2	2.20	395	2230	18	20	0.15	<1
Z21789 (565837)		<1	1.02	12	28	3.39	855	5.2	3.15	108	544	4	<10	0.03	<1
Z21790 (565838)		<1	1.23	14	35	2.00	931	5.1	3.52	87.7	1060	12	<10	0.04	<1
Z21791 (565839)		<1	0.93	35	50	7.67	1230	7.4	3.40	400	967	14	<10	0.15	<1
Z21792 (565840)		<1	0.04	<2	2	2.26	115	4.8	0.04	1.9	66	<1	<10	0.02	<1
Z21793 (565841)		<1	0.81	18	55	2.68	951	7.3	4.18	113	975	17	<10	0.15	<1
Z21794 (565842)		<1	2.28	76	16	10.9	1420	5.5	0.78	483	1410	10	27	0.17	<1
Z21795 (565843)		<1	1.34	13	21	2.78	1330	3.4	2.65	101	692	5	12	0.10	<1
Z21796 (565844)		<1	1.27	15	17	2.09	963	7.7	2.69	92.3	770	4	12	0.07	<1
Z21797 (565845)		<1	1.52	18	22	1.11	1190	5.9	2.44	26.4	809	8	17	0.17	<1
Z21798 (565846)		<1	1.48	18	22	1.05	1130	6.5	2.46	24.6	807	9	16	0.17	<1
Z21799 (565847)		<1	1.21	21	15	0.56	887	5.2	2.01	4.0	941	7	13	0.15	<1
Z21800 (565848)		<1	3.16	83	10	0.29	643	66.8	2.46	6.2	273	130	17	0.60	<1
Z21801 (565849)		<1	4.92	43	8	0.37	995	93.1	2.14	8.4	610	154	29	0.04	<1
Z21802 (565850)		<1	4.80	10	4	0.17	128	24.0	1.60	3.0	89	110	24	0.02	<1
Z21803 (565851)		<1	5.93	17	12	0.45	186	38.5	2.00	2.8	90	139	36	0.03	<1
Z21804 (565852)		<1	5.62	15	7	0.34	191	33.2	2.18	4.4	109	53	30	0.02	<1
Z21805 (565853)		<1	2.82	31	15	0.66	319	18.0	2.22	15.3	361	59	20	0.05	<1
Z21806 (565854)		<1	0.20	3	12	4.66	1470	1.9	2.42	95.1	415	3	<10	0.17	<1
Z21807 (565855)		<1	5.36	7	5	0.19	111	6.5	2.06	1.5	104	59	27	0.03	<1
Z21808 (565856)		<1	1.71	30	20	0.59	350	7.7	3.47	2.9	226	22	14	0.22	<1
Z21809 (565857)		<1	2.98	15	5	0.13	101	12.7	2.40	1.9	109	55	14	0.28	<1
Z21810 (565858)		<1	4.74	29	8	0.20	145	5.5	2.51	3.3	91	58	23	0.26	<1
Z21811 (565859)		<1	4.21	15	6	0.15	98	5.6	2.44	2.8	136	38	19	0.13	<1
Z21812 (565860)		<1	0.03	2	2	2.79	120	2.3	0.05	0.9	60	<1	<10	0.02	<1
Z21813 (565861)		<1	1.17	20	21	0.82	954	4.6	2.25	8.4	651	9	10	0.94	<1
Z21814 (565862)		<1	1.07	19	23	0.88	1140	5.0	2.35	18.4	722	8	<10	0.48	<1
Z21815 (565863)		<1	1.20	28	23	0.64	1190	5.2	2.63	6.0	431	12	12	0.31	<1
Z21816 (565864)		<1	1.14	22	23	0.71	1140	4.7	2.05	8.0	427	7	<10	0.34	<1
Z21817 (565865)		<1	1.69	24	24	0.68	2060	5.3	2.37	4.1	522	38	17	1.44	<1
Z21818 (565866)		<1	1.57	25	23	0.67	2130	5.0	2.24	3.6	494	48	17	1.32	<1

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AGAT WORK ORDER: 19T523223

PROJECT: AGAT00795

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019	DATE RECEIVED: Sep 26, 2019					DATE REPORTED: Oct 16, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	1	10	0.01	1
Z21819 (565867)	<1	1.33	22	15	0.80	1370	7.2	3.30	8.4	623	17	<10	1.18	<1	
Z21820 (565868)	<1	1.37	24	20	0.72	1600	6.3	2.35	6.2	615	13	15	0.45	<1	
Z21821 (565869)	<1	1.33	28	40	1.52	960	4.7	2.36	32.7	756	9	12	0.29	<1	
Z21822 (565870)	<1	1.36	23	31	0.75	830	7.2	2.03	8.0	392	8	11	0.37	<1	
Z21823 (565871)	<1	1.70	22	25	0.75	547	6.1	2.79	9.2	386	21	<10	0.57	<1	
Z21824 (565872)	<1	1.39	20	23	0.65	660	5.9	2.47	6.7	468	36	<10	0.54	<1	
Z21825 (565873)	<1	3.41	27	16	0.87	654	4.7	2.38	18.0	466	10	18	0.15	<1	
Z21826 (565874)	<1	0.20	3	12	4.42	1390	1.8	2.31	95.1	426	5	<10	0.17	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019	DATE RECEIVED: Sep 26, 2019					DATE REPORTED: Oct 16, 2019					SAMPLE TYPE: Drill Core				
Analyte: Unit: RDL:	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	
Sample ID (AGAT ID)	1	10	5	1	10	10	5	0.01	5	5	0.5	1	1	0.5	
Z21755 (565803)	1	<10	<5	121	<10	<10	34	0.02	<5	<5	3.0	<1	3	16.7	
Z21756 (565804)	1	<10	<5	111	<10	<10	28	0.02	<5	<5	2.3	<1	3	19.6	
Z21757 (565805)	1	<10	<5	120	<10	<10	35	0.02	<5	<5	1.7	<1	3	14.9	
Z21758 (565806)	<1	<10	<5	115	<10	<10	26	0.01	<5	<5	2.0	<1	4	10.6	
Z21759 (565807)	<1	<10	<5	117	<10	<10	24	0.02	<5	<5	1.9	<1	3	10.5	
Z21760 (565808)	<1	<10	<5	124	<10	<10	42	0.02	<5	16	2.1	<1	1	21.8	
Z21761 (565809)	1	<10	<5	124	<10	<10	47	0.03	<5	15	2.8	<1	2	19.0	
Z21762 (565810)	1	<10	<5	123	<10	<10	162	0.04	<5	32	3.5	<1	4	18.6	
Z21763 (565811)	2	<10	<5	129	<10	<10	86	0.04	<5	23	3.8	<1	5	22.0	
Z21764 (565812)	4	<10	<5	160	<10	<10	111	0.25	<5	34	44.0	<1	5	37.7	
Z21765 (565813)	25	<10	<5	663	<10	<10	<5	1.60	<5	<5	273	<1	18	80.2	
Z21766 (565814)	36	<10	<5	240	<10	<10	<5	0.82	<5	<5	247	<1	23	86.3	
Z21767 (565815)	2	<10	<5	140	<10	<10	370	0.06	<5	103	7.5	<1	11	20.2	
Z21768 (565816)	20	<10	<5	199	<10	<10	<5	0.61	<5	<5	165	<1	21	116	
Z21769 (565817)	6	<10	<5	133	<10	<10	82	0.12	<5	39	21.4	<1	14	64.7	
Z21770 (565818)	15	<10	<5	199	<10	<10	<5	0.41	<5	<5	61.0	<1	24	89.2	
Z21771 (565819)	3	<10	<5	141	<10	<10	29	0.11	<5	9	15.1	<1	3	36.8	
Z21772 (565820)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<5	1.2	<1	2	2.3	
Z21773 (565821)	5	<10	<5	199	<10	<10	49	0.18	<5	10	34.3	<1	9	35.7	
Z21774 (565822)	23	<10	<5	1020	<10	<10	<5	1.38	<5	<5	229	<1	37	109	
Z21775 (565823)	2	<10	<5	138	<10	<10	<5	0.06	<5	<5	8.7	<1	1	27.0	
Z21776 (565824)	2	<10	<5	144	<10	<10	<5	0.07	<5	<5	13.6	<1	3	14.1	
Z21777 (565825)	24	<10	<5	1030	<10	<10	<5	1.36	<5	<5	241	<1	31	80.2	
Z21778 (565826)	24	<10	<5	1030	<10	<10	<5	1.40	<5	<5	242	<1	31	81.6	
Z21779 (565827)	3	<10	<5	160	<10	<10	14	0.09	<5	<5	18.0	<1	7	25.3	
Z21780 (565828)	<1	<10	<5	139	<10	<10	<5	0.03	<5	<5	3.6	<1	<1	9.1	
Z21781 (565829)	2	<10	<5	136	<10	<10	11	0.07	<5	<5	6.3	<1	4	26.2	
Z21782 (565830)	12	<10	<5	303	<10	<10	<5	0.28	<5	<5	85.7	<1	9	77.8	
Z21783 (565831)	18	<10	<5	242	<10	<10	<5	0.36	<5	<5	118	<1	16	69.3	
Z21784 (565832)	23	<10	<5	154	<10	<10	<5	0.40	<5	<5	146	<1	18	115	
Z21785 (565833)	24	<10	<5	184	<10	<10	<5	0.43	<5	<5	152	<1	19	82.4	
Z21786 (565834)	47	<10	<5	108	<10	<10	<5	0.68	<5	11	315	<1	23	78.7	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019	DATE RECEIVED: Sep 26, 2019					DATE REPORTED: Oct 16, 2019					SAMPLE TYPE: Drill Core				
Analyte: Unit: RDL:	Sc ppm 1	Se ppm 10	Sn ppm 5	Sr ppm 1	Ta ppm 10	Te ppm 10	Th ppm 5	Ti % 0.01	Tl ppm 5	U ppm 5	V ppm 0.5	W ppm 1	Y ppm 1	Zn ppm 0.5	
Z21787 (565835)	25	<10	<5	224	<10	<10	<5	0.44	<5	<5	165	<1	18	77.1	
Z21788 (565836)	19	<10	<5	831	<10	<10	<5	1.13	<5	<5	207	<1	30	124	
Z21789 (565837)	20	<10	<5	238	<10	<10	<5	0.37	<5	<5	131	<1	19	70.3	
Z21790 (565838)	17	<10	<5	266	<10	<10	<5	0.31	<5	<5	102	<1	20	60.0	
Z21791 (565839)	19	<10	<5	480	<10	<10	<5	0.81	<5	<5	193	<1	21	113	
Z21792 (565840)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<5	1.8	<1	2	2.3	
Z21793 (565841)	16	<10	<5	378	<10	<10	<5	0.41	<5	<5	126	<1	27	88.3	
Z21794 (565842)	24	<10	<5	673	<10	<10	<5	1.75	<5	<5	255	<1	23	90.7	
Z21795 (565843)	24	<10	<5	229	<10	<10	<5	0.55	<5	<5	156	<1	23	95.8	
Z21796 (565844)	18	<10	<5	184	<10	<10	<5	0.38	<5	<5	84.9	<1	23	84.3	
Z21797 (565845)	16	<10	<5	172	<10	<10	<5	0.37	<5	<5	44.3	<1	32	122	
Z21798 (565846)	16	<10	<5	175	<10	<10	<5	0.36	<5	<5	40.8	<1	31	117	
Z21799 (565847)	15	<10	<5	172	<10	<10	<5	0.46	<5	<5	34.1	<1	36	105	
Z21800 (565848)	7	<10	<5	161	<10	<10	113	0.11	<5	23	19.2	<1	26	71.7	
Z21801 (565849)	9	<10	<5	179	<10	<10	115	0.13	<5	211	27.7	<1	36	79.7	
Z21802 (565850)	2	<10	<5	147	<10	<10	50	0.08	<5	80	10.2	<1	5	39.9	
Z21803 (565851)	7	<10	<5	189	<10	<10	91	0.21	<5	113	24.9	<1	7	138	
Z21804 (565852)	4	<10	<5	223	<10	<10	15	0.11	<5	<5	16.9	<1	3	88.6	
Z21805 (565853)	8	<10	<5	156	<10	<10	37	0.21	<5	34	38.5	<1	10	184	
Z21806 (565854)	48	<10	<5	114	<10	<10	<5	0.73	<5	11	324	<1	23	88.1	
Z21807 (565855)	3	<10	<5	216	<10	<10	9	0.08	<5	20	9.9	<1	3	87.7	
Z21808 (565856)	8	<10	<5	184	<10	<10	22	0.23	<5	<5	21.4	<1	9	174	
Z21809 (565857)	2	<10	<5	167	<10	<10	24	0.06	<5	24	7.5	<1	6	62.2	
Z21810 (565858)	3	<10	<5	184	<10	<10	31	0.07	<5	7	10.9	<1	7	62.4	
Z21811 (565859)	2	<10	<5	179	<10	<10	18	0.05	<5	<5	8.9	<1	6	45.2	
Z21812 (565860)	<1	<10	<5	58	<10	<10	<5	<0.01	<5	<5	1.2	<1	2	4.3	
Z21813 (565861)	15	<10	<5	157	<10	<10	<5	0.35	<5	<5	33.1	<1	40	249	
Z21814 (565862)	15	<10	<5	172	<10	<10	<5	0.34	<5	<5	45.2	<1	39	248	
Z21815 (565863)	14	<10	<5	132	<10	<10	7	0.28	<5	<5	21.2	<1	38	194	
Z21816 (565864)	13	<10	<5	131	<10	<10	<5	0.27	<5	<5	23.2	<1	44	229	
Z21817 (565865)	17	<10	<5	113	<10	<10	<5	0.33	<5	30	13.6	<1	42	497	
Z21818 (565866)	18	<10	6	106	<10	<10	9	0.32	<5	48	14.0	<1	47	518	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019	DATE RECEIVED: Sep 26, 2019					DATE REPORTED: Oct 16, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	5	0.5	1	1	0.5	
Z21819 (565867)	15	<10	<5	153	<10	<10	<5	0.20	<5	<5	19.5	<1	36	346	
Z21820 (565868)	15	<10	<5	137	<10	<10	<5	0.39	<5	<5	34.2	<1	42	357	
Z21821 (565869)	16	<10	<5	279	<10	<10	<5	0.31	<5	<5	53.6	<1	37	121	
Z21822 (565870)	12	<10	<5	175	<10	<10	<5	0.24	<5	<5	33.1	<1	27	88.1	
Z21823 (565871)	11	<10	<5	183	<10	<10	5	0.19	<5	<5	30.1	<1	16	247	
Z21824 (565872)	11	<10	<5	156	<10	<10	<5	0.21	<5	<5	24.2	<1	28	144	
Z21825 (565873)	12	<10	<5	175	<10	<10	22	0.19	<5	<5	44.6	<1	17	87.0	
Z21826 (565874)	48	<10	<5	107	<10	<10	<5	0.68	<5	10	319	<1	23	84.8	

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### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019      DATE RECEIVED: Sep 26, 2019      DATE REPORTED: Oct 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
Z21755 (565803)			91
Z21756 (565804)			131
Z21757 (565805)			144
Z21758 (565806)			102
Z21759 (565807)			95
Z21760 (565808)			68
Z21761 (565809)			103
Z21762 (565810)			161
Z21763 (565811)			95
Z21764 (565812)			154
Z21765 (565813)			52
Z21766 (565814)			73
Z21767 (565815)			262
Z21768 (565816)			107
Z21769 (565817)			205
Z21770 (565818)			140
Z21771 (565819)			128
Z21772 (565820)			<5
Z21773 (565821)			112
Z21774 (565822)			32
Z21775 (565823)			8
Z21776 (565824)			25
Z21777 (565825)			136
Z21778 (565826)			142
Z21779 (565827)			49
Z21780 (565828)			5
Z21781 (565829)			38
Z21782 (565830)			110
Z21783 (565831)			113
Z21784 (565832)			110
Z21785 (565833)			96
Z21786 (565834)			56

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### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019      DATE RECEIVED: Sep 26, 2019      DATE REPORTED: Oct 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
Z21787 (565835)				74
Z21788 (565836)				147
Z21789 (565837)				100
Z21790 (565838)				110
Z21791 (565839)				97
Z21792 (565840)				<5
Z21793 (565841)				127
Z21794 (565842)				45
Z21795 (565843)				106
Z21796 (565844)				142
Z21797 (565845)				158
Z21798 (565846)				158
Z21799 (565847)				125
Z21800 (565848)				53
Z21801 (565849)				33
Z21802 (565850)				9
Z21803 (565851)				16
Z21804 (565852)				<5
Z21805 (565853)				27
Z21806 (565854)				52
Z21807 (565855)				17
Z21808 (565856)				48
Z21809 (565857)				43
Z21810 (565858)				23
Z21811 (565859)				33
Z21812 (565860)				<5
Z21813 (565861)				198
Z21814 (565862)				191
Z21815 (565863)				251
Z21816 (565864)				277
Z21817 (565865)				300
Z21818 (565866)				318

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PROJECT: AGAT00795

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019      DATE RECEIVED: Sep 26, 2019      DATE REPORTED: Oct 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
Z21819 (565867)				242
Z21820 (565868)				270
Z21821 (565869)				127
Z21822 (565870)				174
Z21823 (565871)				146
Z21824 (565872)				211
Z21825 (565873)				120
Z21826 (565874)				58

Comments: RDL - Reported Detection Limit  
 565803-565874 As, Sb values may be low due to digestion losses.  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T523223

PROJECT: AGAT00795

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 25, 2019      DATE RECEIVED: Sep 26, 2019      DATE REPORTED: Oct 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
Z21755 (565803)			0.003
Z21756 (565804)			0.003
Z21757 (565805)			0.002
Z21758 (565806)			0.002
Z21759 (565807)			0.002
Z21760 (565808)			0.002
Z21761 (565809)			0.002
Z21762 (565810)			0.002
Z21763 (565811)			0.002
Z21764 (565812)			0.002
Z21765 (565813)			0.003
Z21766 (565814)			0.321
Z21767 (565815)			0.002
Z21768 (565816)			0.004
Z21769 (565817)			0.003
Z21770 (565818)			0.003
Z21771 (565819)			0.002
Z21772 (565820)			0.002
Z21773 (565821)			0.003
Z21774 (565822)			0.007
Z21775 (565823)			0.012
Z21776 (565824)			0.002
Z21777 (565825)			0.002
Z21778 (565826)			0.002
Z21779 (565827)			0.002
Z21780 (565828)			0.002
Z21781 (565829)			0.003
Z21782 (565830)			0.055
Z21783 (565831)			0.014
Z21784 (565832)			0.004
Z21785 (565833)			0.004
Z21786 (565834)			0.512

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T523223

PROJECT: AGAT00795

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 25, 2019      DATE RECEIVED: Sep 26, 2019      DATE REPORTED: Oct 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
Z21787 (565835)			0.005
Z21788 (565836)			0.004
Z21789 (565837)			0.006
Z21790 (565838)			0.004
Z21791 (565839)			0.005
Z21792 (565840)			0.002
Z21793 (565841)			0.006
Z21794 (565842)			0.004
Z21795 (565843)			0.004
Z21796 (565844)			0.004
Z21797 (565845)			0.005
Z21798 (565846)			0.005
Z21799 (565847)			0.005
Z21800 (565848)			0.015
Z21801 (565849)			0.011
Z21802 (565850)			0.003
Z21803 (565851)			0.002
Z21804 (565852)			0.003
Z21805 (565853)			0.003
Z21806 (565854)			0.560
Z21807 (565855)			0.003
Z21808 (565856)			0.005
Z21809 (565857)			0.009
Z21810 (565858)			0.005
Z21811 (565859)			0.006
Z21812 (565860)			0.001
Z21813 (565861)			0.012
Z21814 (565862)			0.009
Z21815 (565863)			0.005
Z21816 (565864)			0.007
Z21817 (565865)			0.048
Z21818 (565866)			0.062

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## Certificate of Analysis

AGAT WORK ORDER: 19T523223

PROJECT: AGAT00795

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 25, 2019      DATE RECEIVED: Sep 26, 2019      DATE REPORTED: Oct 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au	ppm	0.001	
Z21819 (565867)				0.017
Z21820 (565868)				0.013
Z21821 (565869)				0.003
Z21822 (565870)				0.007
Z21823 (565871)				0.008
Z21824 (565872)				0.010
Z21825 (565873)				0.003
Z21826 (565874)				0.535

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T523223

PROJECT: AGAT00795

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (221-) Prep. - Thunder Bay - Rock

DATE SAMPLED: Sep 25, 2019

DATE RECEIVED: Sep 26, 2019

DATE REPORTED: Oct 16, 2019

SAMPLE TYPE: Drill Core

Analyte: Transit-To  
Mississauga

Unit:  
RDL:

Sample ID (AGAT ID)

Z21755 (565803)	y
Z21756 (565804)	y
Z21757 (565805)	y
Z21758 (565806)	y
Z21759 (565807)	y
Z21760 (565808)	y
Z21761 (565809)	y
Z21762 (565810)	y
Z21763 (565811)	y
Z21764 (565812)	y
Z21765 (565813)	y
Z21766 (565814)	y
Z21767 (565815)	y
Z21768 (565816)	y
Z21769 (565817)	y
Z21770 (565818)	y
Z21771 (565819)	y
Z21772 (565820)	y
Z21773 (565821)	y
Z21774 (565822)	y
Z21775 (565823)	y
Z21776 (565824)	y
Z21777 (565825)	y
Z21778 (565826)	y
Z21779 (565827)	y
Z21780 (565828)	y
Z21781 (565829)	y
Z21782 (565830)	y
Z21783 (565831)	y
Z21784 (565832)	y
Z21785 (565833)	y
Z21786 (565834)	y

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T523223

PROJECT: AGAT00795

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(221-) Prep. - Thunder Bay - Rock

DATE SAMPLED: Sep 25, 2019

DATE RECEIVED: Sep 26, 2019

DATE REPORTED: Oct 16, 2019

SAMPLE TYPE: Drill Core

Analyte: Transit-To  
Mississauga

Unit:  
RDL:

Sample ID (AGAT ID)

Z21787 (565835)	y
Z21788 (565836)	y
Z21789 (565837)	y
Z21790 (565838)	y
Z21791 (565839)	y
Z21792 (565840)	y
Z21793 (565841)	y
Z21794 (565842)	y
Z21795 (565843)	y
Z21796 (565844)	y
Z21797 (565845)	y
Z21798 (565846)	y
Z21799 (565847)	y
Z21800 (565848)	y
Z21801 (565849)	y
Z21802 (565850)	y
Z21803 (565851)	y
Z21804 (565852)	y
Z21805 (565853)	y
Z21806 (565854)	y
Z21807 (565855)	y
Z21808 (565856)	y
Z21809 (565857)	y
Z21810 (565858)	y
Z21811 (565859)	y
Z21812 (565860)	y
Z21813 (565861)	y
Z21814 (565862)	y
Z21815 (565863)	y
Z21816 (565864)	y
Z21817 (565865)	y
Z21818 (565866)	y

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T523223

PROJECT: AGAT00795

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ATTENTION TO: Craig Yuill

### (221-) Prep. - Thunder Bay - Rock

DATE SAMPLED: Sep 25, 2019	DATE RECEIVED: Sep 26, 2019	DATE REPORTED: Oct 16, 2019	SAMPLE TYPE: Drill Core
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Analyte: Transit-To  
Mississauga

Unit:

Sample ID (AGAT ID)

RDL:

Z21819 (565867)	y
Z21820 (565868)	y
Z21821 (565869)	y
Z21822 (565870)	y
Z21823 (565871)	y
Z21824 (565872)	y
Z21825 (565873)	y
Z21826 (565874)	y

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T523223

PROJECT: AGAT00795

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Sep 25, 2019      DATE RECEIVED: Sep 26, 2019      DATE REPORTED: Oct 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
Z21755 (565803)		75
Z21756 (565804)		79
Z21775 (565823)		79
Z21795 (565843)		86
Z21797 (565845)		87
Z21816 (565864)		86

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T523223

PROJECT: AGAT00795

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Sep 25, 2019	DATE RECEIVED: Sep 26, 2019	DATE REPORTED: Oct 16, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
Z21755 (565803)		97
Z21782 (565830)		96
Z21811 (565859)		86
Z21819 (565867)		89

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	565810	1.0	1.0	0.0%	565818	< 0.5	< 0.5	0.0%	565828	< 0.5	< 0.5	0.0%	565843	< 0.5	< 0.5	0.0%
Al	565810	7.25	7.26	0.1%	565818	7.54	7.85	4.0%	565828	7.26	7.21	0.7%	565843	8.03	8.17	1.7%
As	565810	2	< 1		565818	< 1	< 1	0.0%	565828	1	2		565843	10	8	22.2%
Ba	565810	203	203	0.0%	565818	209	212	1.4%	565828	857	851	0.7%	565843	330	344	4.2%
Be	565810	1.2	1.2	0.0%	565818	1.02	1.09	6.6%	565828	< 0.5	< 0.5	0.0%	565843	1.3	1.3	0.0%
Bi	565810	< 1	< 1	0.0%	565818	< 1	< 1	0.0%	565828	< 1	< 1	0.0%	565843	< 1	< 1	0.0%
Ca	565810	1.25	1.26	0.8%	565818	2.92	2.99	2.4%	565828	0.19	0.18	5.4%	565843	5.18	5.20	0.4%
Cd	565810	< 0.5	< 0.5	0.0%	565818	< 0.5	< 0.5	0.0%	565828	< 0.5	< 0.5	0.0%	565843	0.5	0.5	0.0%
Ce	565810	3	3	0.0%	565818	32	36	11.8%	565828	2	2	0.0%	565843	31	30	3.3%
Co	565810	< 0.5	< 0.5	0.0%	565818	12.4	12.0	3.3%	565828	< 0.5	< 0.5	0.0%	565843	29.1	29.0	0.3%
Cr	565810	13.0	12.8	1.6%	565818	96.6	96.0	0.6%	565828	10.3	11.6	11.9%	565843	120	123	2.5%
Cu	565810	1.4	2.2	44.4%	565818	48.1	49.6	3.1%	565828	3.9	3.2	19.7%	565843	32.2	34.9	8.0%
Fe	565810	0.582	0.601	3.2%	565818	4.27	4.47	4.6%	565828	0.45	0.46	2.2%	565843	6.06	6.27	3.4%
Ga	565810	13	12	8.0%	565818	19	19	0.0%	565828	11	12	8.7%	565843	19	19	0.0%
In	565810	1	< 1		565818	< 1	< 1	0.0%	565828	< 1	< 1	0.0%	565843	< 1	< 1	0.0%
K	565810	3.22	3.24	0.6%	565818	1.21	1.26	4.0%	565828	7.58	7.39	2.5%	565843	1.34	1.36	1.5%
La	565810	< 2	< 2	0.0%	565818	14	14	0.0%	565828	< 2	< 2	0.0%	565843	13	13	0.0%
Li	565810	5	5	0.0%	565818	22	23	4.4%	565828	2	3		565843	21	22	4.7%
Mg	565810	0.09	0.09	0.0%	565818	0.82	0.85	3.6%	565828	0.087	0.084	3.5%	565843	2.78	2.87	3.2%
Mn	565810	90	90	0.0%	565818	924	983	6.2%	565828	60	63	4.9%	565843	1330	1370	3.0%
Mo	565810	4.64	5.14	10.2%	565818	6.7	6.7	0.0%	565828	5.2	5.2	0.0%	565843	3.4	3.4	0.0%
Na	565810	3.13	3.09	1.3%	565818	2.65	2.71	2.2%	565828	1.41	1.41	0.0%	565843	2.65	2.65	0.0%
Ni	565810	1.1	1.7		565818	30.2	30.3	0.3%	565828	3.0	2.5	18.2%	565843	101	101	0.0%
P	565810	163	169	3.6%	565818	697	679	2.6%	565828	59	57	3.4%	565843	692	702	1.4%
Pb	565810	45	44	2.2%	565818	9	10	10.5%	565828	28	27	3.6%	565843	5	5	0.0%
Rb	565810	18	18	0.0%	565818	16	16	0.0%	565828	44	46	4.4%	565843	12	13	8.0%
S	565810	< 0.01	< 0.01	0.0%	565818	0.152	0.156	2.6%	565828	0.01	0.01	0.0%	565843	0.104	0.114	9.2%
Sb	565810	< 1	< 1	0.0%	565818	< 1	< 1	0.0%	565828	< 1	< 1	0.0%	565843	< 1	< 1	0.0%
Sc	565810	1	1	0.0%	565818	15	16	6.5%	565828	< 1	< 1	0.0%	565843	24	25	4.1%
Se	565810	< 10	< 10	0.0%	565818	< 10	< 10	0.0%	565828	< 10	< 10	0.0%	565843	< 10	< 10	0.0%
Sn	565810	< 5	< 5	0.0%	565818	< 5	< 5	0.0%	565828	< 5	< 5	0.0%	565843	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	565810	123	122	0.8%	565818	199	202	1.5%	565828	139	138	0.7%	565843	229	229	0.0%
Ta	565810	< 10	< 10	0.0%	565818	< 10	< 10	0.0%	565828	< 10	< 10	0.0%	565843	< 10	< 10	0.0%
Te	565810	< 10	< 10	0.0%	565818	< 10	< 10	0.0%	565828	< 10	< 10	0.0%	565843	< 10	< 10	0.0%
Th	565810	162	161	0.6%	565818	< 5	< 5	0.0%	565828	< 5	< 5	0.0%	565843	< 5	< 5	0.0%
Ti	565810	0.04	0.04	0.0%	565818	0.41	0.42	2.4%	565828	0.03	0.03	0.0%	565843	0.55	0.55	0.0%
Tl	565810	< 5	< 5	0.0%	565818	< 5	< 5	0.0%	565828	< 5	< 5	0.0%	565843	< 5	< 5	0.0%
U	565810	32	31	3.2%	565818	< 5	< 5	0.0%	565828	< 5	< 5	0.0%	565843	< 5	< 5	0.0%
V	565810	3.50	3.32	5.3%	565818	61.0	61.1	0.2%	565828	3.6	3.6	0.0%	565843	156	161	3.2%
W	565810	< 1	< 1	0.0%	565818	< 1	< 1	0.0%	565828	< 1	< 1	0.0%	565843	< 1	< 1	0.0%
Y	565810	4	4	0.0%	565818	24	26	8.0%	565828	< 1	< 1	0.0%	565843	23	24	4.3%
Zn	565810	18.6	19.6	5.2%	565818	89.2	93.6	4.8%	565828	9.1	9.6	5.3%	565843	95.8	101	5.3%
Zr	565810	161	174	7.8%	565818	140	146	4.2%	565828	5	7		565843	106	109	2.8%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	565853	< 0.5	< 0.5	0.0%	565868	1.27	1.24	2.4%								
Al	565853	6.89	6.65	3.5%	565868	7.09	7.15	0.8%								
As	565853	3	1		565868	< 1	< 1	0.0%								
Ba	565853	888	1050	16.7%	565868	330	317	4.0%								
Be	565853	1.08	1.01	6.7%	565868	1.59	1.53	3.8%								
Bi	565853	< 1	< 1	0.0%	565868	< 1	< 1	0.0%								
Ca	565853	1.78	1.50	17.1%	565868	2.67	2.61	2.3%								
Cd	565853	< 0.5	< 0.5	0.0%	565868	0.7	0.7	0.0%								
Ce	565853	67	64	4.6%	565868	60	57	5.1%								
Co	565853	3.8	3.1	20.3%	565868	6.4	5.9	8.1%								
Cr	565853	32.1	28.0	13.6%	565868	24.4	22.4	8.5%								
Cu	565853	2.5	1.8		565868	31.4	30.6	2.6%								
Fe	565853	2.56	2.33	9.4%	565868	5.09	4.99	2.0%								
Ga	565853	17	15	12.5%	565868	19	19	0.0%								
In	565853	< 1	< 1	0.0%	565868	< 1	< 1	0.0%								
K	565853	2.82	3.09	9.1%	565868	1.37	1.39	1.4%								
La	565853	31	28	10.2%	565868	24	24	0.0%								
Li	565853	15	13	14.3%	565868	20	20	0.0%								
Mg	565853	0.656	0.552	17.2%	565868	0.72	0.72	0.0%								
Mn	565853	319	266	18.1%	565868	1600	1570	1.9%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	565853	18.0	15.9	12.4%	565868	6.3	6.2	1.6%								
Na	565853	2.22	2.08	6.5%	565868	2.35	2.39	1.7%								
Ni	565853	15.3	12.4	20.9%	565868	6.2	6.5	4.7%								
P	565853	361	345	4.5%	565868	615	586	4.8%								
Pb	565853	59	63	6.6%	565868	13	13	0.0%								
Rb	565853	20	20	0.0%	565868	15	15	0.0%								
S	565853	0.047	0.041	13.6%	565868	0.453	0.433	4.5%								
Sb	565853	< 1	< 1	0.0%	565868	< 1	< 1	0.0%								
Sc	565853	8	7	13.3%	565868	15	15	0.0%								
Se	565853	< 10	< 10	0.0%	565868	< 10	< 10	0.0%								
Sn	565853	< 5	< 5	0.0%	565868	< 5	< 5	0.0%								
Sr	565853	156	153	1.9%	565868	137	137	0.0%								
Ta	565853	< 10	< 10	0.0%	565868	< 10	< 10	0.0%								
Te	565853	< 10	< 10	0.0%	565868	< 10	< 10	0.0%								
Th	565853	37	36	2.7%	565868	< 5	< 5	0.0%								
Ti	565853	0.21	0.21	0.0%	565868	0.39	0.39	0.0%								
Tl	565853	< 5	< 5	0.0%	565868	< 5	< 5	0.0%								
U	565853	34	40	16.2%	565868	< 5	< 5	0.0%								
V	565853	38.5	32.1	18.1%	565868	34.2	33.0	3.6%								
W	565853	< 1	< 1	0.0%	565868	< 1	< 1	0.0%								
Y	565853	10	9	10.5%	565868	42	41	2.4%								
Zn	565853	184	195	5.8%	565868	357	335	6.4%								
Zr	565853	27	21	25.0%	565868	270	254	6.1%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	565803	0.0025	0.0020	22.2%	565818	0.003	0.003	0.0%	565828	0.002	0.002	0.0%	565843	0.0043	0.0046	6.7%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	565853	0.003	0.003	0.0%	565868	0.013	0.010	26.1%								

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.WMG-1a)				CRM #4 (ref.Till-2)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag									3.03	3.22	106%	90% - 110%				
Al					8.17	8.16	100%	90% - 110%	4.75	4.95	104%	90% - 110%	8.17	8.37	102%	90% - 110%
As					26	23	90%	90% - 110%					26	27	102%	90% - 110%
Ba					540	506	94%	90% - 110%	216	218	101%	90% - 110%	540	503	93%	90% - 110%
Be					4.0	3.5	88%	90% - 110%					4.0	3.4	86%	90% - 110%
Ca					0.907	0.866	95%	90% - 110%	10	9	94%	90% - 110%	0.907	0.883	97%	90% - 110%
Ce					98	99	101%	90% - 110%					98	95	97%	90% - 110%
Co									191	182	95%	90% - 110%				
Cr					60.3	65.3	108%	90% - 110%	670	621	92%	90% - 110%	60.3	63.4	105%	90% - 110%
Cu					150	149	99%	90% - 110%	7120	7162	101%	90% - 110%	150	145	97%	90% - 110%
Fe					3.77	3.67	97%	90% - 110%	12.71	12.13	95%	90% - 110%	3.77	3.74	99%	90% - 110%
Ga	35	37	106%	90% - 110%												
K	1.37	1.42	104%	90% - 110%					0.1021	0.112	110%	90% - 110%				
La					44	43	97%	90% - 110%	8.47	7.84	93%	90% - 110%	44	42	96%	90% - 110%
Li					47	48	103%	90% - 110%					47	46	98%	90% - 110%
Mg					1.10	1.06	96%	90% - 110%	7.41	7.58	102%	90% - 110%	1.10	1.07	98%	90% - 110%
Mn					780	755	97%	90% - 110%					780	753	97%	90% - 110%
Mo					14	14	102%	90% - 110%					14	14	100%	90% - 110%
Na					1.624	1.759	108%	90% - 110%	0.112	0.115	102%	90% - 110%	1.624	1.745	107%	90% - 110%
Ni					32	33	103%	90% - 110%	2480	2316	93%	90% - 110%	32	33	103%	90% - 110%
P					750	717	96%	90% - 110%	731	700	96%	90% - 110%	750	720	96%	90% - 110%
Pb					31	30	95%	90% - 110%					31	29	93%	90% - 110%
Sb									1.8	2	111%	90% - 110%				
Sc					12	13	108%	90% - 110%	21.33	22.37	105%	90% - 110%	12	13	110%	90% - 110%
Sr					144	144	100%	90% - 110%	39	38	97%	90% - 110%	144	147	102%	90% - 110%
Ti					0.53	0.48	90%	90% - 110%	0.419	0.409	98%	90% - 110%	0.53	0.48	91%	90% - 110%
V					77	81	106%	90% - 110%	158	170	108%	90% - 110%	77	81	105%	90% - 110%
Y	119	129	108%	90% - 110%					12.67	13.62	107%	90% - 110%				
Zn					130	122	94%	90% - 110%	112	111	99%	90% - 110%	130	124	95%	90% - 110%
Zr									35.7	39.1	110%	90% - 110%				



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #5 (ref.GTS-2a)				Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
	Expect	Actual	Recovery	Limits												
Al	6.96	7.21	104%	90% - 110%												
As	124	130	105%	90% - 110%												
Ba	186	199	107%	90% - 110%												
Ca	4.01	4.36	109%	90% - 110%												
Ce	24	23	97%	90% - 110%												
Co	22.1	22.7	103%	90% - 110%												
Cu	88.6	84.3	95%	90% - 110%												
Fe	7.56	8.24	109%	90% - 110%												
K	2.021	2.041	101%	90% - 110%												
Mg	2.412	2.615	108%	90% - 110%												
Mn	1510	1534	102%	90% - 110%												
Na	0.617	0.653	106%	90% - 110%												
Ni	77.1	80	104%	90% - 110%												
P	892	881	99%	90% - 110%												
S	0.348	0.373	107%	90% - 110%												
Sr	92.8	89.4	96%	90% - 110%												
Zn	208	210	100%	90% - 110%												
<b>(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)</b>																
Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP7M)				CRM #3 (ref.1P5R)				CRM #4 (ref.GS4H)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.83	99%	90% - 110%	0.725	0.728	100%	90% - 110%	1.81	1.76	97%	90% - 110%	5.01	4.98	99%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00795  
 SAMPLING SITE:

AGAT WORK ORDER: 19T523223  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Transit-To Mississauga	NA		N/A
Pass %			BALANCE



CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00794

AGAT WORK ORDER: 19T523225

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Oct 11, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T523225

PROJECT: AGAT00794

5623 McADAM ROAD  
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 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 25, 2019      DATE RECEIVED: Sep 26, 2019      DATE REPORTED: Oct 11, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
B74983 (565877)		2.85
B74984 (565878)		1.71
B74985 (565879)		1.76
B74986 (565880)		0.10
B74987 (565881)		2.24
B74988 (565882)		1.46
B74989 (565883)		2.12
B74990 (565884)		2.52
B74991 (565885)		2.30
B74992 (565886)		.65
B74993 (565887)		1.35
B74994 (565888)		1.46
B74995 (565889)		1.52
B74996 (565890)		2.36
B74997 (565891)		1.13
B74998 (565892)		1.13
B74999 (565893)		1.95
B75000 (565894)		2.68
Z21701 (565895)		1.79
Z21702 (565896)		2.25
Z21703 (565897)		2.22
Z21704 (565898)		1.15
Z21705 (565899)		0.63
Z21706 (565900)		0.10
Z21707 (565901)		1.43
Z21708 (565902)		0.91
Z21709 (565903)		1.38
Z21710 (565904)		1.29
Z21711 (565905)		2.82
Z21712 (565906)		0.73
Z21713 (565907)		1.74

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T523225

PROJECT: AGAT00794

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 25, 2019      DATE RECEIVED: Sep 26, 2019      DATE REPORTED: Oct 11, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
Z21714 (565908)		2.77
Z21715 (565909)		1.68
Z21716 (565910)		1.85
Z21717 (565911)		2.62
Z21718 (565912)		2.62
Z21719 (565913)		2.96
Z21720 (565914)		2.69
Z21721 (565915)		1.56
Z21722 (565916)		1.83
Z21723 (565917)		2.29
Z21724 (565918)		2.37
Z21725 (565919)		1.81
Z21726 (565920)		0.10
Z21727 (565921)		1.71
Z21728 (565922)		2.08
Z21729 (565923)		1.89
Z21730 (565924)		0.81
Z21731 (565925)		1.23
Z21732 (565926)		0.73
Z21733 (565927)		2.64
Z21734 (565928)		2.13
Z21735 (565929)		2.18
Z21736 (565930)		2.41
Z21737 (565931)		2.39
Z21738 (565932)		2.39
Z21739 (565933)		2.00
Z21740 (565934)		2.52
Z21741 (565935)		1.02
Z21742 (565936)		1.38
Z21743 (565937)		2.27
Z21744 (565938)		2.34

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T523225

PROJECT: AGAT00794

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 25, 2019	DATE RECEIVED: Sep 26, 2019	DATE REPORTED: Oct 11, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
Z21745 (565939)		2.35
Z21746 (565940)		0.10
Z21747 (565941)		2.96
Z21748 (565942)		1.48
Z21749 (565943)		1.97
Z21750 (565944)		2.41
Z21751 (565945)		2.18
Z21752 (565946)		0.67
Z21753 (565947)		1.64
Z21754 (565948)		3.19

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T523225

PROJECT: AGAT00794

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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019	DATE RECEIVED: Sep 26, 2019							DATE REPORTED: Oct 11, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
B74983 (565877)	<0.5	2.39	<1	851	2.1	<1	7.12	<0.5	152	66.8	1010	81.9	8.68	11	
B74984 (565878)	<0.5	3.58	41	908	2.8	<1	7.79	1.3	111	54.5	678	83.8	7.41	14	
B74985 (565879)	<0.5	6.97	<1	1210	2.5	<1	4.50	<0.5	55	26.7	381	15.9	4.78	16	
B74986 (565880)	<0.5	7.48	<1	201	0.7	<1	6.75	<0.5	20	38.2	207	104	8.08	18	
B74987 (565881)	<0.5	6.65	<1	774	2.0	<1	5.14	<0.5	52	32.0	502	24.8	5.37	15	
B74988 (565882)	<0.5	6.88	<1	271	1.2	<1	1.20	<0.5	13	2.1	42.4	0.5	0.99	16	
B74989 (565883)	<0.5	7.71	<1	591	1.5	<1	3.51	<0.5	56	21.3	210	31.6	4.67	17	
B74990 (565884)	<0.5	7.38	<1	503	1.5	<1	2.32	<0.5	39	12.5	115	24.8	2.90	17	
B74991 (565885)	<0.5	7.77	<1	615	1.3	<1	3.04	<0.5	49	16.9	144	44.0	4.00	18	
B74992 (565886)	<0.5	0.09	<1	23	<0.5	<1	32.8	<0.5	<1	<0.5	16.7	<0.5	0.17	<5	
B74993 (565887)	<0.5	7.41	<1	436	1.4	<1	2.59	<0.5	48	14.2	127	10.5	3.43	17	
B74994 (565888)	<0.5	6.86	1	197	1.5	<1	1.09	<0.5	20	1.0	37.1	5.0	0.73	15	
B74995 (565889)	<0.5	7.41	1	537	2.1	<1	2.95	<0.5	56	17.6	147	49.4	3.99	18	
B74996 (565890)	<0.5	7.93	<1	871	1.8	<1	3.28	<0.5	56	17.5	174	38.9	3.97	18	
B74997 (565891)	<0.5	7.82	<1	829	1.4	<1	3.12	<0.5	58	17.3	153	34.8	3.91	19	
B74998 (565892)	<0.5	7.71	<1	796	1.4	<1	3.09	<0.5	57	16.4	170	36.7	3.83	19	
B74999 (565893)	<0.5	7.86	1	509	3.8	<1	3.22	<0.5	62	10.3	112	20.3	2.83	24	
B75000 (565894)	<0.5	2.71	<1	745	5.6	<1	9.37	<0.5	238	47.2	529	142	9.53	17	
Z21701 (565895)	<0.5	7.91	1	835	2.7	<1	2.55	<0.5	54	9.8	111	5.8	2.59	21	
Z21702 (565896)	<0.5	8.20	2	576	2.1	<1	2.25	<0.5	49	11.3	109	11.4	3.05	21	
Z21703 (565897)	<0.5	7.60	<1	855	2.1	<1	2.64	<0.5	49	10.1	111	21.9	2.82	21	
Z21704 (565898)	<0.5	6.72	<1	576	2.2	<1	2.79	<0.5	59	17.3	180	64.1	3.80	18	
Z21705 (565899)	<0.5	9.29	2	562	2.3	<1	1.46	<0.5	43	1.1	36.5	1.8	0.68	20	
Z21706 (565900)	<0.5	7.53	<1	197	0.7	<1	6.61	<0.5	21	38.7	205	102	7.94	19	
Z21707 (565901)	<0.5	7.74	<1	490	2.0	<1	2.59	<0.5	49	11.8	125	31.7	3.11	20	
Z21708 (565902)	<0.5	6.91	3	278	2.1	<1	1.79	<0.5	26	1.3	34.4	0.8	0.56	16	
Z21709 (565903)	<0.5	3.90	4	171	3.7	<1	2.30	<0.5	40	13.3	197	10.1	2.46	11	
Z21710 (565904)	<0.5	8.49	<1	311	2.1	<1	2.33	<0.5	42	13.1	121	11.1	3.49	22	
Z21711 (565905)	<0.5	7.19	<1	558	2.8	<1	2.65	<0.5	50	19.1	162	43.0	4.10	16	
Z21712 (565906)	<0.5	0.09	<1	22	<0.5	<1	32.5	<0.5	<1	0.5	10.8	<0.5	0.18	<5	
Z21713 (565907)	<0.5	5.86	2	144	1.5	<1	1.23	<0.5	83	1.6	42.5	2.5	0.98	13	
Z21714 (565908)	1.1	7.10	3	240	1.2	<1	1.20	<0.5	136	<0.5	36.5	4.3	0.55	14	

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T523225

PROJECT: AGAT00794

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019	DATE RECEIVED: Sep 26, 2019							DATE REPORTED: Oct 11, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z21715 (565909)	<0.5	7.56	<1	602	2.1	<1	2.52	<0.5	48	10.0	122	18.8	2.67	20	
Z21716 (565910)	<0.5	7.97	2	390	1.8	<1	2.11	<0.5	67	6.9	90.2	32.0	2.21	21	
Z21717 (565911)	<0.5	7.80	<1	449	1.6	<1	3.56	<0.5	44	20.3	143	38.8	4.83	18	
Z21718 (565912)	<0.5	7.89	<1	454	1.7	<1	3.65	<0.5	44	21.1	151	46.1	5.05	18	
Z21719 (565913)	<0.5	7.87	<1	521	1.9	<1	3.56	<0.5	47	20.0	149	34.1	4.70	18	
Z21720 (565914)	1.9	4.98	17	288	20.6	<1	4.57	0.7	84	24.6	350	47.3	3.81	13	
Z21721 (565915)	0.5	7.42	<1	666	2.8	<1	3.89	<0.5	59	23.0	209	39.4	5.18	19	
Z21722 (565916)	0.9	3.60	<1	507	13.2	<1	6.36	<0.5	100	41.1	626	63.3	6.02	12	
Z21723 (565917)	<0.5	6.74	<1	430	3.8	<1	1.99	<0.5	35	6.4	89.3	20.2	1.52	15	
Z21724 (565918)	<0.5	6.83	<1	387	4.5	<1	4.12	1.1	44	30.9	161	92.1	5.95	16	
Z21725 (565919)	<0.5	7.56	<1	617	0.5	<1	0.47	<0.5	7	2.0	24.5	30.6	0.71	13	
Z21726 (565920)	<0.5	7.37	<1	150	<0.5	<1	7.12	<0.5	9	40.6	206	151	8.39	18	
Z21727 (565921)	<0.5	8.18	<1	1010	2.2	<1	2.81	<0.5	72	9.6	92.3	32.0	3.01	20	
Z21728 (565922)	<0.5	8.14	<1	970	3.5	<1	3.08	<0.5	69	12.2	106	28.0	3.14	20	
Z21729 (565923)	<0.5	8.13	<1	61	3.0	<1	8.06	<0.5	9	44.7	252	32.3	8.95	19	
Z21730 (565924)	<0.5	5.01	3	214	2.1	<1	1.44	<0.5	13	1.3	30.1	13.2	1.07	5	
Z21731 (565925)	<0.5	8.10	<1	354	5.2	<1	5.89	<0.5	23	29.8	154	68.4	6.03	19	
Z21732 (565926)	<0.5	0.07	<1	16	<0.5	<1	30.1	<0.5	<1	<0.5	10.9	<0.5	0.14	<5	
Z21733 (565927)	<0.5	7.15	2	218	1.0	<1	1.38	<0.5	4	1.4	25.5	31.7	0.50	15	
Z21734 (565928)	<0.5	6.93	3	413	3.5	<1	1.48	<0.5	22	7.2	120	9.4	1.22	15	
Z21735 (565929)	1.9	6.58	<1	520	6.1	<1	1.27	<0.5	17	0.9	31.6	4.3	0.56	14	
Z21736 (565930)	<0.5	2.83	<1	936	2.7	<1	7.65	<0.5	111	65.2	674	87.4	8.71	13	
Z21737 (565931)	<0.5	2.26	<1	1150	3.9	<1	8.17	<0.5	142	62.1	562	74.4	8.35	13	
Z21738 (565932)	<0.5	2.24	<1	1140	3.8	<1	8.21	<0.5	139	59.3	546	74.7	8.33	12	
Z21739 (565933)	<0.5	7.37	<1	513	7.4	<1	8.72	<0.5	19	39.0	163	107	7.83	16	
Z21740 (565934)	<0.5	3.04	<1	878	8.9	<1	7.16	<0.5	89	59.6	672	78.2	7.62	11	
Z21741 (565935)	<0.5	2.71	<1	758	2.7	<1	7.52	<0.5	112	58.4	671	81.0	7.72	11	
Z21742 (565936)	<0.5	8.64	<1	549	1.2	<1	7.91	<0.5	19	47.8	241	91.2	6.72	17	
Z21743 (565937)	<0.5	7.66	<1	233	2.0	<1	6.33	<0.5	7	29.5	113	56.1	6.66	16	
Z21744 (565938)	<0.5	7.82	<1	138	<0.5	<1	8.02	<0.5	9	41.9	146	131	9.07	17	
Z21745 (565939)	<0.5	8.16	<1	164	3.8	<1	7.94	<0.5	10	40.5	135	80.4	7.95	17	
Z21746 (565940)	<0.5	7.48	<1	194	0.7	<1	6.54	<0.5	20	38.2	220	98.6	7.93	18	

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## Certificate of Analysis

AGAT WORK ORDER: 19T523225

PROJECT: AGAT00794

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019	DATE RECEIVED: Sep 26, 2019							DATE REPORTED: Oct 11, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z21747 (565941)	<0.5	6.96	<1	235	3.1	<1	8.02	<0.5	26	43.1	229	103	8.47	15	
Z21748 (565942)	1.0	7.54	<1	381	1.1	<1	0.88	<0.5	8	0.8	30.4	3.7	0.68	15	
Z21749 (565943)	0.5	6.69	2	567	4.9	<1	2.10	<0.5	26	8.4	120	17.7	1.54	15	
Z21750 (565944)	<0.5	2.65	<1	717	3.6	<1	7.04	<0.5	116	59.1	708	76.7	7.91	12	
Z21751 (565945)	<0.5	3.79	<1	531	3.8	<1	5.84	<0.5	78	45.4	519	67.0	6.20	13	
Z21752 (565946)	<0.5	0.06	2	16	<0.5	<1	32.9	<0.5	<1	0.7	11.4	<0.5	0.15	<5	
Z21753 (565947)	<0.5	6.71	23	240	1.2	<1	1.22	0.7	24	1.8	35.3	8.9	0.61	14	
Z21754 (565948)	<0.5	7.11	9	253	0.8	<1	0.86	<0.5	15	<0.5	31.5	1.6	0.36	14	

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ATTENTION TO: Craig Yuill

## (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019

DATE RECEIVED: Sep 26, 2019

DATE REPORTED: Oct 11, 2019

SAMPLE TYPE: Drill Core

Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	1	10	0.01	1
B74983 (565877)	<1	1.94	68	49	13.1	1360	4.6	0.76	656	2110	9	20	0.17	<1
B74984 (565878)	<1	3.18	53	127	8.68	1280	7.8	1.48	407	1710	46	31	0.24	<1
B74985 (565879)	<1	2.11	26	39	4.21	851	5.5	2.97	93.6	1100	17	18	0.03	<1
B74986 (565880)	<1	0.45	9	10	4.48	1350	1.8	2.41	110	887	2	<10	0.10	<1
B74987 (565881)	<1	1.78	24	35	5.05	990	4.2	2.62	122	1030	10	19	0.04	<1
B74988 (565882)	<1	3.33	6	11	0.30	148	4.7	2.77	7.6	86	22	23	0.01	<1
B74989 (565883)	<1	1.76	26	40	2.59	920	5.8	3.14	56.0	894	9	23	0.06	<1
B74990 (565884)	<1	2.67	18	23	1.19	501	6.2	3.03	33.8	430	19	23	0.07	<1
B74991 (565885)	<1	1.68	23	31	1.80	631	6.0	3.27	45.7	621	12	19	0.10	<1
B74992 (565886)	<1	0.02	<2	2	1.85	105	2.0	0.04	3.0	93	<1	<10	0.04	<1
B74993 (565887)	<1	1.53	23	44	1.49	662	6.1	3.11	41.0	648	12	23	0.03	<1
B74994 (565888)	<1	3.43	9	6	0.12	87	6.0	2.81	4.5	46	27	22	0.02	<1
B74995 (565889)	<1	1.68	26	36	1.77	689	6.3	3.20	48.8	693	10	24	0.10	<1
B74996 (565890)	<1	1.95	27	29	1.93	657	6.7	3.45	52.2	657	9	23	0.12	<1
B74997 (565891)	<1	1.88	29	25	1.87	659	9.3	3.39	53.3	697	12	22	0.10	<1
B74998 (565892)	<1	1.80	29	25	1.85	651	7.3	3.34	50.8	676	11	21	0.10	<1
B74999 (565893)	<1	1.62	29	20	1.34	603	6.6	3.87	36.9	865	27	14	0.07	<1
B75000 (565894)	<1	2.47	115	54	7.48	1780	3.2	1.57	263	3170	13	30	0.34	<1
Z21701 (565895)	<1	1.93	26	20	1.31	413	3.8	4.04	36.7	714	13	18	0.04	<1
Z21702 (565896)	<1	2.30	24	20	1.29	469	3.5	3.85	37.3	661	12	23	0.06	<1
Z21703 (565897)	<1	1.79	24	11	1.44	451	3.6	3.66	35.3	598	9	17	0.11	<1
Z21704 (565898)	<1	1.71	29	20	2.30	553	4.1	3.50	85.4	887	8	23	0.12	<1
Z21705 (565899)	<1	4.87	21	7	0.18	105	3.4	3.78	6.1	60	26	32	0.01	<1
Z21706 (565900)	<1	0.46	9	10	4.55	1350	1.9	2.36	109	893	2	<10	0.10	<1
Z21707 (565901)	<1	1.48	23	28	1.46	518	4.0	3.48	39.3	687	10	20	0.09	<1
Z21708 (565902)	<1	1.57	12	4	0.16	109	3.7	3.59	5.2	227	27	<10	0.01	<1
Z21709 (565903)	<1	1.19	19	22	2.12	407	5.2	2.03	98.5	511	12	11	0.05	<1
Z21710 (565904)	<1	2.01	20	46	1.35	596	3.3	3.69	43.0	506	17	29	0.05	<1
Z21711 (565905)	<1	1.68	24	38	1.69	645	7.1	2.97	59.6	668	8	22	0.14	<1
Z21712 (565906)	<1	0.02	<2	2	2.50	130	1.8	0.04	1.2	78	<1	<10	0.04	<1
Z21713 (565907)	<1	2.10	43	10	0.21	148	6.0	2.56	6.5	154	19	14	0.02	<1
Z21714 (565908)	<1	3.60	69	4	0.09	77	5.9	2.81	3.6	31	86	20	0.03	<1

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T523225

PROJECT: AGAT00794

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019	DATE RECEIVED: Sep 26, 2019					DATE REPORTED: Oct 11, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	1	10	0.01	1	
Z21715 (565909)	<1	1.49	24	34	1.39	471	6.3	3.23	43.4	611	10	18	0.07	<1	
Z21716 (565910)	<1	2.47	33	25	0.89	364	6.4	3.34	28.5	433	17	21	0.10	<1	
Z21717 (565911)	<1	1.52	20	25	1.97	935	3.9	3.28	55.8	686	13	15	0.11	<1	
Z21718 (565912)	<1	1.54	21	25	2.04	987	4.8	3.34	57.8	664	14	14	0.12	<1	
Z21719 (565913)	<1	1.77	22	22	1.85	917	5.3	3.27	55.3	700	10	13	0.10	<1	
Z21720 (565914)	<1	4.09	38	183	4.25	673	4.8	2.95	237	407	25	24	0.07	<1	
Z21721 (565915)	<1	1.59	28	43	2.53	1030	4.1	4.01	84.4	1140	11	14	0.12	<1	
Z21722 (565916)	<1	2.99	49	62	7.46	1090	3.5	2.97	373	1020	10	26	0.09	<1	
Z21723 (565917)	<1	3.04	17	23	0.92	257	4.1	3.15	40.5	455	14	17	0.11	<1	
Z21724 (565918)	<1	1.56	21	44	3.06	1120	4.9	3.25	144	703	10	14	0.66	<1	
Z21725 (565919)	<1	7.18	4	5	0.12	72	3.1	1.75	7.5	216	33	44	0.17	<1	
Z21726 (565920)	<1	0.21	3	12	4.60	1430	1.5	2.37	89.2	412	3	<10	0.17	<1	
Z21727 (565921)	<1	2.76	36	27	1.37	740	4.0	3.01	29.2	821	20	25	0.21	<1	
Z21728 (565922)	<1	2.00	34	23	1.46	730	3.1	3.16	34.8	799	15	20	0.13	<1	
Z21729 (565923)	<1	0.89	4	19	3.91	1710	2.8	2.48	124	328	13	<10	0.09	<1	
Z21730 (565924)	<1	1.33	6	11	0.29	169	1940	2.22	9.2	219	298	11	0.19	<1	
Z21731 (565925)	<1	0.96	11	21	2.45	1290	37.2	2.82	68.3	428	10	10	0.18	<1	
Z21732 (565926)	<1	0.01	2	1	1.17	124	2.7	0.03	0.7	58	<1	<10	0.04	<1	
Z21733 (565927)	<1	4.22	<2	3	0.08	67	4.2	2.59	2.2	141	25	25	0.09	<1	
Z21734 (565928)	<1	5.35	10	22	1.26	194	4.5	2.26	66.4	620	27	32	0.04	<1	
Z21735 (565929)	<1	4.08	7	4	0.24	97	8.5	2.71	9.2	1380	33	23	0.02	<1	
Z21736 (565930)	<1	2.58	56	23	11.9	1330	2.7	1.46	603	1790	6	30	0.07	<1	
Z21737 (565931)	<1	2.50	74	20	11.1	1420	2.3	1.80	552	2680	9	32	0.06	<1	
Z21738 (565932)	<1	2.48	72	20	11.2	1420	2.0	1.86	555	2600	9	30	0.06	<1	
Z21739 (565933)	<1	1.07	8	22	3.24	1900	6.0	2.78	86.6	893	7	<10	0.21	<1	
Z21740 (565934)	<1	2.39	44	29	10.8	1370	5.0	1.92	554	1660	6	32	0.15	<1	
Z21741 (565935)	<1	2.65	55	17	11.1	1340	2.5	1.76	578	2300	6	33	0.12	<1	
Z21742 (565936)	<1	1.29	8	20	2.60	2180	4.2	2.86	134	499	3	<10	0.19	<1	
Z21743 (565937)	<1	0.90	2	20	2.79	1590	5.5	2.99	46.7	214	5	<10	0.12	<1	
Z21744 (565938)	<1	0.52	4	16	3.74	2020	5.3	2.14	76.8	304	2	<10	0.17	<1	
Z21745 (565939)	<1	0.66	4	20	3.47	1780	7.6	2.24	74.7	303	2	<10	0.09	<1	
Z21746 (565940)	<1	0.45	9	10	4.53	1360	2.0	2.32	108	886	3	<10	0.10	<1	

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PROJECT: AGAT00794

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019	DATE RECEIVED: Sep 26, 2019				DATE REPORTED: Oct 11, 2019				SAMPLE TYPE: Drill Core						
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	1	10	0.01	1
Z21747 (565941)	<1	1.04	12	37	3.88	2350	3.8	2.62	124	303	4	<10	0.30	<1	
Z21748 (565942)	<1	5.21	3	5	0.18	114	49.5	2.45	4.4	263	35	31	0.02	<1	
Z21749 (565943)	<1	4.45	12	19	1.62	342	7.2	3.22	73.5	1310	29	25	0.10	<1	
Z21750 (565944)	<1	2.33	57	21	11.5	1330	4.0	1.87	608	1990	8	27	0.18	<1	
Z21751 (565945)	<1	2.82	38	40	8.13	1030	4.1	2.90	434	2470	19	23	0.24	<1	
Z21752 (565946)	<1	0.02	<2	1	1.36	115	1.6	0.03	2.2	78	<1	<10	0.05	<1	
Z21753 (565947)	<1	3.78	11	21	0.28	131	12.1	2.79	18.1	127	83	21	0.06	<1	
Z21754 (565948)	<1	4.74	8	2	0.06	88	4.3	2.53	1.5	31	42	27	0.03	<1	

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DATE SAMPLED: Sep 25, 2019	DATE RECEIVED: Sep 26, 2019					DATE REPORTED: Oct 11, 2019					SAMPLE TYPE: Drill Core				
Analyte: Unit: RDL:	Sc ppm 1	Se ppm 10	Sn ppm 5	Sr ppm 1	Ta ppm 10	Te ppm 10	Th ppm 5	Ti % 0.01	Tl ppm 5	U ppm 5	V ppm 0.5	W ppm 1	Y ppm 1	Zn ppm 0.5	
B74983 (565877)	24	<10	<5	695	<10	<10	<5	1.95	<5	<5	236	<1	19	86.7	
B74984 (565878)	30	<10	<5	672	<10	<10	<5	1.60	<5	<5	303	<1	26	125	
B74985 (565879)	21	<10	<5	653	<10	<10	<5	0.34	<5	<5	132	<1	20	93.6	
B74986 (565880)	36	<10	<5	244	<10	<10	<5	0.91	<5	6	254	<1	23	100	
B74987 (565881)	25	<10	<5	580	<10	<10	<5	0.36	<5	<5	147	<1	15	95.8	
B74988 (565882)	3	<10	<5	168	<10	<10	9	0.06	<5	<5	10.6	<1	3	36.6	
B74989 (565883)	18	<10	<5	557	<10	<10	<5	0.39	<5	<5	133	<1	14	96.1	
B74990 (565884)	11	<10	<5	472	<10	<10	<5	0.24	<5	<5	81.7	<1	11	73.4	
B74991 (565885)	15	<10	<5	708	<10	<10	<5	0.35	<5	<5	123	<1	14	78.4	
B74992 (565886)	<1	<10	<5	74	<10	<10	<5	<0.01	<5	<5	1.9	<1	2	3.8	
B74993 (565887)	13	<10	<5	485	<10	<10	<5	0.30	<5	<5	92.8	<1	13	82.9	
B74994 (565888)	2	<10	<5	134	<10	<10	19	0.03	<5	<5	6.9	<1	3	18.2	
B74995 (565889)	15	<10	<5	486	<10	<10	<5	0.36	<5	<5	118	<1	15	87.6	
B74996 (565890)	15	<10	<5	558	<10	<10	<5	0.33	<5	<5	116	<1	13	83.9	
B74997 (565891)	15	<10	<5	686	<10	<10	<5	0.33	<5	<5	114	<1	13	82.7	
B74998 (565892)	14	<10	<5	662	<10	<10	<5	0.33	<5	<5	111	<1	13	76.7	
B74999 (565893)	10	<10	<5	636	<10	<10	<5	0.30	<5	<5	71.4	<1	21	104	
B75000 (565894)	27	<10	<5	920	<10	<10	<5	1.94	<5	<5	287	<1	39	119	
Z21701 (565895)	8	<10	<5	650	<10	<10	<5	0.23	<5	<5	57.9	<1	14	72.6	
Z21702 (565896)	11	<10	<5	486	<10	<10	<5	0.25	<5	<5	74.1	<1	14	75.2	
Z21703 (565897)	9	<10	<5	762	<10	<10	<5	0.27	<5	<5	67.8	<1	12	74.6	
Z21704 (565898)	13	<10	<5	573	<10	<10	<5	0.42	<5	<5	106	<1	14	81.6	
Z21705 (565899)	2	<10	<5	254	<10	<10	20	0.05	<5	<5	9.2	<1	8	21.9	
Z21706 (565900)	35	<10	<5	238	<10	<10	<5	0.88	<5	6	249	<1	23	100	
Z21707 (565901)	10	<10	<5	544	<10	<10	<5	0.29	<5	<5	72.4	<1	14	89.9	
Z21708 (565902)	2	<10	<5	248	<10	<10	14	0.03	<5	<5	8.2	<1	7	28.3	
Z21709 (565903)	8	<10	<5	263	<10	<10	<5	0.28	<5	<5	54.9	<1	14	43.4	
Z21710 (565904)	13	<10	<5	317	<10	<10	<5	0.30	<5	<5	80.2	<1	14	115	
Z21711 (565905)	16	<10	<5	432	<10	<10	<5	0.39	<5	<5	123	<1	14	87.5	
Z21712 (565906)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<5	1.7	<1	2	4.3	
Z21713 (565907)	3	<10	<5	113	<10	<10	43	0.06	<5	<5	13.3	<1	7	37.5	
Z21714 (565908)	2	<10	<5	142	<10	<10	83	0.03	<5	<5	4.1	<1	7	16.5	

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## Certificate of Analysis

AGAT WORK ORDER: 19T523225

PROJECT: AGAT00794

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019	DATE RECEIVED: Sep 26, 2019					DATE REPORTED: Oct 11, 2019					SAMPLE TYPE: Drill Core				
Analyte: Unit: RDL:	Sc ppm 1	Se ppm 10	Sn ppm 5	Sr ppm 1	Ta ppm 10	Te ppm 10	Th ppm 5	Ti % 0.01	Tl ppm 5	U ppm 5	V ppm 0.5	W ppm 1	Y ppm 1	Zn ppm 0.5	
Z21715 (565909)	8	<10	<5	559	<10	<10	<5	0.24	<5	<5	61.5	<1	12	74.6	
Z21716 (565910)	6	<10	<5	434	<10	<10	9	0.17	<5	<5	39.1	<1	9	68.9	
Z21717 (565911)	19	<10	<5	453	<10	<10	<5	0.39	<5	<5	135	<1	15	96.4	
Z21718 (565912)	20	<10	<5	454	<10	<10	<5	0.40	<5	<5	140	<1	16	103	
Z21719 (565913)	20	<10	<5	416	<10	<10	<5	0.36	<5	<5	139	<1	16	102	
Z21720 (565914)	24	<10	<5	443	<10	<10	33	0.60	<5	<5	160	<1	39	48.5	
Z21721 (565915)	20	<10	<5	528	<10	<10	<5	0.49	<5	<5	150	<1	37	97.2	
Z21722 (565916)	29	<10	<5	673	<10	<10	<5	1.04	<5	<5	221	<1	34	77.8	
Z21723 (565917)	5	<10	<5	266	<10	<10	5	0.17	<5	<5	36.3	<1	12	40.0	
Z21724 (565918)	23	<10	<5	429	<10	<10	<5	0.48	<5	<5	160	<1	20	201	
Z21725 (565919)	1	<10	<5	172	<10	<10	5	0.03	<5	<5	5.7	<1	4	18.6	
Z21726 (565920)	47	<10	<5	109	<10	<10	<5	0.72	<5	10	319	<1	23	90.1	
Z21727 (565921)	9	<10	<5	700	<10	<10	<5	0.24	<5	<5	63.8	<1	12	131	
Z21728 (565922)	11	<10	<5	742	<10	<10	<5	0.26	<5	<5	76.7	<1	15	113	
Z21729 (565923)	42	<10	<5	124	<10	<10	<5	0.61	<5	14	281	<1	23	132	
Z21730 (565924)	3	<10	<5	132	<10	<10	5	0.08	<5	<5	<0.5	<1	3	214	
Z21731 (565925)	30	<10	7	375	<10	<10	<5	0.45	<5	<5	196	<1	16	124	
Z21732 (565926)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<5	1.4	<1	2	4.3	
Z21733 (565927)	1	<10	<5	126	<10	<10	5	0.02	<5	<5	3.8	<1	2	128	
Z21734 (565928)	4	<10	<5	226	<10	<10	<5	0.12	<5	<5	32.7	<1	8	26.0	
Z21735 (565929)	3	<10	<5	261	<10	<10	18	0.05	<5	<5	18.2	<1	9	13.2	
Z21736 (565930)	21	<10	<5	691	<10	<10	<5	1.76	<5	<5	242	<1	20	86.5	
Z21737 (565931)	20	<10	<5	979	<10	<10	<5	1.53	<5	<5	238	<1	30	93.1	
Z21738 (565932)	20	<10	<5	1000	<10	<10	<5	1.59	<5	<5	230	<1	28	91.6	
Z21739 (565933)	45	<10	<5	226	<10	<10	<5	0.59	<5	9	279	<1	58	96.9	
Z21740 (565934)	27	<10	<5	643	<10	<10	<5	1.31	<5	<5	237	<1	28	82.5	
Z21741 (565935)	20	<10	<5	793	<10	<10	<5	1.41	<5	<5	228	<1	37	77.9	
Z21742 (565936)	44	<10	<5	220	<10	<10	<5	0.71	<5	7	309	<1	36	120	
Z21743 (565937)	37	<10	<5	132	<10	<10	<5	0.47	<5	12	232	<1	19	95.2	
Z21744 (565938)	42	<10	<5	117	<10	<10	<5	0.56	<5	17	273	<1	20	96.5	
Z21745 (565939)	42	<10	<5	117	<10	<10	<5	0.53	<5	15	269	<1	20	104	
Z21746 (565940)	35	<10	<5	234	<10	<10	<5	0.88	<5	7	245	<1	22	97.9	

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## Certificate of Analysis

AGAT WORK ORDER: 19T523225

PROJECT: AGAT00794

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019	DATE RECEIVED: Sep 26, 2019					DATE REPORTED: Oct 11, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	5	0.5	1	1	0.5	
Sample ID (AGAT ID)															
Z21747 (565941)	41	<10	<5	202	<10	<10	<5	0.58	<5	11	268	<1	26	118	
Z21748 (565942)	2	<10	<5	134	<10	<10	18	0.05	<5	<5	8.4	<1	4	29.1	
Z21749 (565943)	11	<10	<5	294	<10	<10	18	0.18	<5	14	59.0	<1	23	25.7	
Z21750 (565944)	18	<10	<5	753	<10	<10	<5	1.68	<5	<5	226	<1	22	83.4	
Z21751 (565945)	14	<10	<5	599	<10	<10	<5	1.14	<5	<5	183	<1	29	70.0	
Z21752 (565946)	<1	<10	<5	74	<10	<10	<5	<0.01	<5	<5	1.7	<1	2	4.5	
Z21753 (565947)	2	<10	<5	115	<10	<10	21	0.03	<5	<5	5.8	<1	4	56.9	
Z21754 (565948)	<1	<10	<5	108	<10	<10	18	0.02	<5	<5	3.6	<1	2	34.3	

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## Certificate of Analysis

AGAT WORK ORDER: 19T523225

PROJECT: AGAT00794

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019      DATE RECEIVED: Sep 26, 2019      DATE REPORTED: Oct 11, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
B74983 (565877)				134
B74984 (565878)				131
B74985 (565879)				100
B74986 (565880)				93
B74987 (565881)				97
B74988 (565882)				68
B74989 (565883)				103
B74990 (565884)				68
B74991 (565885)				89
B74992 (565886)				<5
B74993 (565887)				84
B74994 (565888)				43
B74995 (565889)				104
B74996 (565890)				90
B74997 (565891)				96
B74998 (565892)				94
B74999 (565893)				120
B75000 (565894)				76
Z21701 (565895)				103
Z21702 (565896)				71
Z21703 (565897)				88
Z21704 (565898)				107
Z21705 (565899)				88
Z21706 (565900)				94
Z21707 (565901)				97
Z21708 (565902)				50
Z21709 (565903)				82
Z21710 (565904)				95
Z21711 (565905)				102
Z21712 (565906)				<5
Z21713 (565907)				121
Z21714 (565908)				251

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AGAT WORK ORDER: 19T523225

PROJECT: AGAT00794

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019      DATE RECEIVED: Sep 26, 2019      DATE REPORTED: Oct 11, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
Z21715 (565909)				95
Z21716 (565910)				70
Z21717 (565911)				102
Z21718 (565912)				102
Z21719 (565913)				104
Z21720 (565914)				408
Z21721 (565915)				160
Z21722 (565916)				298
Z21723 (565917)				77
Z21724 (565918)				99
Z21725 (565919)				13
Z21726 (565920)				53
Z21727 (565921)				114
Z21728 (565922)				113
Z21729 (565923)				23
Z21730 (565924)				63
Z21731 (565925)				45
Z21732 (565926)				<5
Z21733 (565927)				76
Z21734 (565928)				122
Z21735 (565929)				293
Z21736 (565930)				169
Z21737 (565931)				45
Z21738 (565932)				58
Z21739 (565933)				103
Z21740 (565934)				88
Z21741 (565935)				75
Z21742 (565936)				40
Z21743 (565937)				64
Z21744 (565938)				15
Z21745 (565939)				19
Z21746 (565940)				90

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AGAT WORK ORDER: 19T523225

PROJECT: AGAT00794

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

**(201-070) 4 Acid Digest - Metals Package, ICP-OES finish**

DATE SAMPLED: Sep 25, 2019      DATE RECEIVED: Sep 26, 2019      DATE REPORTED: Oct 11, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
Z21747 (565941)			116
Z21748 (565942)			164
Z21749 (565943)			115
Z21750 (565944)			216
Z21751 (565945)			114
Z21752 (565946)			<5
Z21753 (565947)			78
Z21754 (565948)			50

Comments: RDL - Reported Detection Limit

565877-565948 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

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## Certificate of Analysis

AGAT WORK ORDER: 19T523225

PROJECT: AGAT00794

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Sep 25, 2019      DATE RECEIVED: Sep 26, 2019      DATE REPORTED: Oct 11, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
B74983 (565877)		0.006	
B74984 (565878)		0.011	
B74985 (565879)		0.012	
B74986 (565880)		0.331	
B74987 (565881)		0.003	
B74988 (565882)		0.009	
B74989 (565883)		0.003	
B74990 (565884)		0.003	
B74991 (565885)		0.004	
B74992 (565886)		0.002	
B74993 (565887)		0.011	
B74994 (565888)		0.004	
B74995 (565889)		0.002	
B74996 (565890)		0.008	
B74997 (565891)		0.004	
B74998 (565892)		0.003	
B74999 (565893)		0.020	
B75000 (565894)		0.003	
Z21701 (565895)		0.014	
Z21702 (565896)		0.008	
Z21703 (565897)		0.031	
Z21704 (565898)		0.003	
Z21705 (565899)		0.002	
Z21706 (565900)		0.340	
Z21707 (565901)		0.007	
Z21708 (565902)		0.004	
Z21709 (565903)		0.004	
Z21710 (565904)		0.003	
Z21711 (565905)		0.015	
Z21712 (565906)		0.006	
Z21713 (565907)		0.020	
Z21714 (565908)		0.003	

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## Certificate of Analysis

AGAT WORK ORDER: 19T523225

PROJECT: AGAT00794

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Sep 25, 2019      DATE RECEIVED: Sep 26, 2019      DATE REPORTED: Oct 11, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
Z21715 (565909)			0.004
Z21716 (565910)			0.006
Z21717 (565911)			0.007
Z21718 (565912)			0.008
Z21719 (565913)			0.004
Z21720 (565914)			0.022
Z21721 (565915)			0.004
Z21722 (565916)			0.006
Z21723 (565917)			0.003
Z21724 (565918)			0.022
Z21725 (565919)			0.011
Z21726 (565920)			0.526
Z21727 (565921)			0.004
Z21728 (565922)			0.004
Z21729 (565923)			0.010
Z21730 (565924)			0.226
Z21731 (565925)			0.021
Z21732 (565926)			0.002
Z21733 (565927)			0.014
Z21734 (565928)			0.008
Z21735 (565929)			0.078
Z21736 (565930)			0.004
Z21737 (565931)			0.005
Z21738 (565932)			0.003
Z21739 (565933)			0.092
Z21740 (565934)			0.006
Z21741 (565935)			0.010
Z21742 (565936)			0.006
Z21743 (565937)			0.011
Z21744 (565938)			0.008
Z21745 (565939)			0.012
Z21746 (565940)			0.327

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## Certificate of Analysis

AGAT WORK ORDER: 19T523225

PROJECT: AGAT00794

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Sep 25, 2019

DATE RECEIVED: Sep 26, 2019

DATE REPORTED: Oct 11, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
Z21747 (565941)			0.012
Z21748 (565942)			0.035
Z21749 (565943)			0.062
Z21750 (565944)			0.008
Z21751 (565945)			0.007
Z21752 (565946)			0.003
Z21753 (565947)			0.007
Z21754 (565948)			0.008

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T523225

PROJECT: AGAT00794

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Sep 25, 2019	DATE RECEIVED: Sep 26, 2019	DATE REPORTED: Oct 11, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
B74983 (565877)		80.67
Z21701 (565895)		81.04
Z21720 (565914)		77.45
Z21739 (565933)		78.44

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T523225

PROJECT: AGAT00794

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Sep 25, 2019

DATE RECEIVED: Sep 26, 2019

DATE REPORTED: Oct 11, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
B74983 (565877)		93
Z21713 (565907)		91
Z21739 (565933)		93

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	565877	< 0.5	< 0.5	0.0%	565893	< 0.5	< 0.5	0.0%	565903	< 0.5	< 0.5	0.0%	565918	< 0.5	< 0.5	0.0%
Al	565877	2.39	2.34	2.1%	565893	7.86	7.83	0.4%	565903	3.90	3.71	5.0%	565918	6.83	7.12	4.2%
As	565877	< 1	< 1	0.0%	565893	1	3		565903	4	< 1		565918	< 1	< 1	0.0%
Ba	565877	851	842	1.1%	565893	509	514	1.0%	565903	171	171	0.0%	565918	387	399	3.1%
Be	565877	2.08	1.70	20.1%	565893	3.8	3.8	0.0%	565903	3.66	3.29	10.6%	565918	4.53	4.68	3.3%
Bi	565877	< 1	< 1	0.0%	565893	< 1	< 1	0.0%	565903	< 1	< 1	0.0%	565918	< 1	< 1	0.0%
Ca	565877	7.12	6.93	2.7%	565893	3.22	3.22	0.0%	565903	2.30	2.15	6.7%	565918	4.12	4.30	4.3%
Cd	565877	< 0.5	< 0.5	0.0%	565893	< 0.5	< 0.5	0.0%	565903	< 0.5	< 0.5	0.0%	565918	1.11	1.02	8.5%
Ce	565877	152	140	8.2%	565893	62	65	4.7%	565903	40	36	10.5%	565918	44	45	2.2%
Co	565877	66.8	69.9	4.5%	565893	10.3	10.2	1.0%	565903	13.3	11.9	11.1%	565918	30.9	31.0	0.3%
Cr	565877	1010	1050	3.9%	565893	112	123	9.4%	565903	197	180	9.0%	565918	161	203	23.1%
Cu	565877	81.9	76.4	6.9%	565893	20.3	21.7	6.7%	565903	10.1	9.92	1.8%	565918	92.1	95.4	3.5%
Fe	565877	8.68	8.71	0.3%	565893	2.83	2.83	0.0%	565903	2.46	2.20	11.2%	565918	5.95	6.19	4.0%
Ga	565877	11	11	0.0%	565893	24	24	0.0%	565903	11	10	9.5%	565918	16	17	6.1%
In	565877	< 1	< 1	0.0%	565893	< 1	< 1	0.0%	565903	< 1	< 1	0.0%	565918	< 1	< 1	0.0%
K	565877	1.94	1.94	0.0%	565893	1.62	1.62	0.0%	565903	1.19	1.04	13.5%	565918	1.56	1.63	4.4%
La	565877	68	65	4.5%	565893	29	30	3.4%	565903	19	17	11.1%	565918	21	22	4.7%
Li	565877	49	43	13.0%	565893	20	20	0.0%	565903	22	18	20.0%	565918	44	46	4.4%
Mg	565877	13.1	13.6	3.7%	565893	1.34	1.34	0.0%	565903	2.12	1.86	13.1%	565918	3.06	3.21	4.8%
Mn	565877	1360	1400	2.9%	565893	603	600	0.5%	565903	407	355	13.6%	565918	1120	1170	4.4%
Mo	565877	4.57	3.39	29.6%	565893	6.60	6.66	0.9%	565903	5.2	6.0	14.3%	565918	4.9	4.7	4.2%
Na	565877	0.76	0.85	11.2%	565893	3.87	3.89	0.5%	565903	2.03	2.05	1.0%	565918	3.25	3.37	3.6%
Ni	565877	656	703	6.9%	565893	36.9	36.3	1.6%	565903	98.5	90.7	8.2%	565918	144	148	2.7%
P	565877	2110	2070	1.9%	565893	865	893	3.2%	565903	511	462	10.1%	565918	703	698	0.7%
Pb	565877	9	9	0.0%	565893	27	28	3.6%	565903	12	10	18.2%	565918	10	11	9.5%
Rb	565877	20	20	0.0%	565893	14	14	0.0%	565903	11	9	20.0%	565918	14	15	6.9%
S	565877	0.165	0.162	1.8%	565893	0.075	0.076	1.3%	565903	0.046	0.043	6.7%	565918	0.66	0.68	3.0%
Sb	565877	< 1	< 1	0.0%	565893	< 1	< 1	0.0%	565903	< 1	< 1	0.0%	565918	< 1	< 1	0.0%
Sc	565877	24	24	0.0%	565893	10	10	0.0%	565903	8	7	13.3%	565918	23	23	0.0%
Se	565877	< 10	< 10	0.0%	565893	< 10	< 10	0.0%	565903	< 10	< 10	0.0%	565918	< 10	< 10	0.0%
Sn	565877	< 5	< 5	0.0%	565893	< 5	< 5	0.0%	565903	< 5	< 5	0.0%	565918	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	565877	695	666	4.3%	565893	636	645	1.4%	565903	263	254	3.5%	565918	429	445	3.7%
Ta	565877	< 10	< 10	0.0%	565893	< 10	< 10	0.0%	565903	< 10	< 10	0.0%	565918	< 10	< 10	0.0%
Te	565877	< 10	< 10	0.0%	565893	< 10	< 10	0.0%	565903	< 10	< 10	0.0%	565918	< 10	< 10	0.0%
Th	565877	< 5	< 5	0.0%	565893	< 5	< 5	0.0%	565903	< 5	< 5	0.0%	565918	< 5	< 5	0.0%
Ti	565877	1.95	1.92	1.6%	565893	0.30	0.30	0.0%	565903	0.282	0.255	10.1%	565918	0.48	0.48	0.0%
Tl	565877	< 5	< 5	0.0%	565893	< 5	< 5	0.0%	565903	< 5	< 5	0.0%	565918	< 5	< 5	0.0%
U	565877	< 5	< 5	0.0%	565893	< 5	< 5	0.0%	565903	< 5	< 5	0.0%	565918	< 5	< 5	0.0%
V	565877	236	225	4.8%	565893	71.4	71.4	0.0%	565903	54.9	46.9	15.7%	565918	160	162	1.2%
W	565877	< 1	< 1	0.0%	565893	< 1	< 1	0.0%	565903	< 1	< 1	0.0%	565918	< 1	< 1	0.0%
Y	565877	19	18	5.4%	565893	21	21	0.0%	565903	14	13	7.4%	565918	20	20	0.0%
Zn	565877	86.7	88.7	2.3%	565893	104	105	1.0%	565903	43.4	38.5	12.0%	565918	201	210	4.4%
Zr	565877	134	165	20.7%	565893	120	116	3.4%	565903	82	73	11.6%	565918	99	101	2.0%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	565928	0.5	0.5	0.0%	565943	0.55	0.67	19.7%								
Al	565928	6.93	6.62	4.6%	565943	6.69	6.78	1.3%								
As	565928	3	2		565943	2	< 1									
Ba	565928	413	418	1.2%	565943	567	562	0.9%								
Be	565928	3.5	3.1	12.1%	565943	4.9	4.9	0.0%								
Bi	565928	< 1	< 1	0.0%	565943	< 1	< 1	0.0%								
Ca	565928	1.48	1.49	0.7%	565943	2.10	2.10	0.0%								
Cd	565928	< 0.5	< 0.5	0.0%	565943	< 0.5	< 0.5	0.0%								
Ce	565928	22	20	9.5%	565943	26	26	0.0%								
Co	565928	7.22	9.16	23.7%	565943	8.38	8.47	1.1%								
Cr	565928	120	135	11.8%	565943	120	122	1.7%								
Cu	565928	9.44	11.9	23.1%	565943	17.7	17.6	0.6%								
Fe	565928	1.22	1.32	7.9%	565943	1.54	1.57	1.9%								
Ga	565928	15	14	6.9%	565943	15	15	0.0%								
In	565928	< 1	< 1	0.0%	565943	< 1	< 1	0.0%								
K	565928	5.35	5.67	5.8%	565943	4.45	4.34	2.5%								
La	565928	10	9	10.5%	565943	12	12	0.0%								
Li	565928	22	26	16.7%	565943	19	18	5.4%								
Mg	565928	1.26	1.53	19.4%	565943	1.62	1.63	0.6%								
Mn	565928	194	223	13.9%	565943	342	351	2.6%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	565928	4.5	4.1	9.3%	565943	7.2	7.8	8.0%								
Na	565928	2.26	2.08	8.3%	565943	3.22	3.21	0.3%								
Ni	565928	66.4	84.8	24.3%	565943	73.5	74.4	1.2%								
P	565928	620	589	5.1%	565943	1310	1350	3.0%								
Pb	565928	27	27	0.0%	565943	29	29	0.0%								
Rb	565928	32	35	9.0%	565943	25	24	4.1%								
S	565928	0.04	0.04	0.0%	565943	0.10	0.10	0.0%								
Sb	565928	< 1	< 1	0.0%	565943	< 1	< 1	0.0%								
Sc	565928	4	4	0.0%	565943	11	11	0.0%								
Se	565928	< 10	< 10	0.0%	565943	< 10	< 10	0.0%								
Sn	565928	< 5	< 5	0.0%	565943	< 5	< 5	0.0%								
Sr	565928	226	228	0.9%	565943	294	294	0.0%								
Ta	565928	< 10	< 10	0.0%	565943	< 10	< 10	0.0%								
Te	565928	< 10	< 10	0.0%	565943	< 10	< 10	0.0%								
Th	565928	< 5	< 5	0.0%	565943	18	17	5.7%								
Ti	565928	0.12	0.12	0.0%	565943	0.18	0.18	0.0%								
Tl	565928	< 5	< 5	0.0%	565943	< 5	< 5	0.0%								
U	565928	< 5	< 5	0.0%	565943	14	13	7.4%								
V	565928	32.7	34.4	5.1%	565943	59.0	59.1	0.2%								
W	565928	< 1	< 1	0.0%	565943	< 1	< 1	0.0%								
Y	565928	8	9	11.8%	565943	23	23	0.0%								
Zn	565928	26.0	24.4	6.3%	565943	25.7	25.0	2.8%								
Zr	565928	122	115	5.9%	565943	115	130	12.2%								

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	565877	0.006	0.005	18.2%	565893	0.020	0.018	10.5%	565903	0.004	0.005	22.2%	565918	0.0220	0.0212	3.7%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	565928	0.0079	0.0061	25.7%	565943	0.062	0.049	23.4%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS4H)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GSP5G)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	3.11	103%	90% - 110%
Al	10.95	10.91	100%	90% - 110%	8.17	8.23	101%	90% - 110%	6.96	7.01	101%	90% - 110%	4.75	4.85	102%	90% - 110%
As					26	24	91%	90% - 110%	124	133	107%	90% - 110%				
Ba	340	345	101%	90% - 110%	540	528	98%	90% - 110%	186	192	103%	90% - 110%	216	222	103%	90% - 110%
Be	2.6	2.8	108%	90% - 110%	4.0	3.3	83%	90% - 110%								
Ca	5.72	5.73	100%	90% - 110%	0.907	0.958	106%	90% - 110%	4.01	4.1	102%	90% - 110%	10	10	96%	90% - 110%
Ce	122	117	96%	90% - 110%	98	100	102%	90% - 110%	24	21	86%	90% - 110%				
Co									22.1	21.4	97%	90% - 110%	191	178	93%	90% - 110%
Cr	12	12	99%	90% - 110%	60.3	64.3	107%	90% - 110%					670	738	110%	90% - 110%
Cu					150	145	96%	90% - 110%	88.6	83.4	94%	90% - 110%	7120	6975	98%	90% - 110%
Fe	4.34	4.17	96%	90% - 110%	3.77	3.83	102%	90% - 110%	7.56	7.68	102%	90% - 110%	12.71	12.15	96%	90% - 110%
Ga	35	35	100%	90% - 110%												
K	1.37	1.49	109%	90% - 110%					2.021	2.149	106%	90% - 110%	0.1021	0.1119	110%	90% - 110%
La	58	56	96%	90% - 110%	44	44	99%	90% - 110%					8.47	7.85	93%	90% - 110%
Li	37	37	101%	90% - 110%	47	45	95%	90% - 110%								
Mg	0.325	0.309	95%	90% - 110%	1.10	1.1	100%	90% - 110%	2.412	2.532	105%	90% - 110%	7.41	7.66	103%	90% - 110%
Mn					780	768	99%	90% - 110%	1510	1483	98%	90% - 110%				
Mo					14	14	102%	90% - 110%								
Na	5.267	5.498	104%	90% - 110%	1.624	1.699	105%	90% - 110%	0.617	0.653	106%	90% - 110%	0.112	0.122	109%	90% - 110%
Ni					32	33	103%	90% - 110%	77.1	74.9	97%	90% - 110%	2480	2215	89%	90% - 110%
P					750	730	97%	90% - 110%	892	892	100%	90% - 110%	731	721	99%	90% - 110%
Pb					31	29	93%	90% - 110%								
S									0.348	0.349	100%	90% - 110%				
Sc	1.1	1.1	96%	90% - 110%	12	13	106%	90% - 110%					21.33	22.23	104%	90% - 110%
Sr	1191	1126	95%	90% - 110%	144	145	101%	90% - 110%	92.8	86.1	93%	90% - 110%	39	37	95%	90% - 110%
Ti	0.172	0.172	100%	90% - 110%	0.53	0.48	91%	90% - 110%					0.419	0.418	100%	90% - 110%
V	8	8	100%	90% - 110%	77	79	103%	90% - 110%					158	173	109%	90% - 110%
Y	119	128	108%	90% - 110%									12.67	13.57	107%	90% - 110%
Zn	93	99	106%	90% - 110%	130	132	102%	90% - 110%	208	228	110%	90% - 110%	112	122	109%	90% - 110%
Zr													35.7	37.5	105%	90% - 110%

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS4H)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GSP5G)				CRM #4 (ref.1P5R)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	5.01	5.07	101%	90% - 110%	0.725	0.738	102%	90% - 110%	0.562	0.545	97%	90% - 110%	1.81	1.64	91%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00794  
 SAMPLING SITE:

AGAT WORK ORDER: 19T523225  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00792

AGAT WORK ORDER: 19T523226

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Oct 10, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T523226

PROJECT: AGAT00792

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 25, 2019      DATE RECEIVED: Sep 26, 2019      DATE REPORTED: Oct 10, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D70639 (565949)		2.00
D70640 (565950)		1.39
D70641 (565951)		3.61
D70642 (565952)		2.39
D70643 (565953)		2.36
D70644 (565954)		2.38
D70645 (565955)		2.50
D70646 (565956)		0.10
D70647 (565957)		2.58
D70648 (565958)		2.19
D70649 (565959)		2.36
D70650 (565960)		2.55
D70651 (565961)		2.06
D70652 (565962)		0.80
D70653 (565963)		2.65
D70654 (565964)		2.28
D70655 (565965)		2.35
D70656 (565966)		2.25
D70657 (565967)		2.26
D70658 (565968)		2.26
D70659 (565969)		2.54
D70660 (565970)		2.32
D70661 (565971)		3.19
D70662 (565972)		1.57
D70663 (565973)		2.16
D70664 (565974)		2.34
D70665 (565975)		2.07
D70666 (565976)		0.10
D70667 (565977)		2.44
D70668 (565978)		2.49
D70669 (565979)		2.55

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T523226

PROJECT: AGAT00792

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 25, 2019      DATE RECEIVED: Sep 26, 2019      DATE REPORTED: Oct 10, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D70670 (565980)		3.62
D70671 (565981)		1.64
D70672 (565982)		0.79
D70673 (565983)		2.01
D70674 (565984)		2.50
D70675 (565985)		2.47
D70676 (565986)		1.80
D70677 (565987)		2.22
D70678 (565988)		2.22
D70679 (565989)		2.49
D70680 (565990)		2.64
D70681 (565991)		2.41
D70682 (565992)		2.38
D70683 (565993)		2.75
D70684 (565994)		2.38
D70685 (565995)		2.38
D70686 (565996)		0.10
D70687 (565997)		2.71
D70688 (565998)		2.31
D70689 (565999)		2.42
D70690 (566000)		2.31
D70691 (566001)		2.42
D70692 (566002)		0.65
D70693 (566003)		2.25
D70694 (566004)		2.99
D70695 (566005)		1.63
D70696 (566006)		2.37
D70697 (566007)		2.77
D70698 (566008)		2.77
D70699 (566009)		2.08
D70700 (566010)		2.37

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T523226

PROJECT: AGAT00792

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Sep 25, 2019

DATE RECEIVED: Sep 26, 2019

DATE REPORTED: Oct 10, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D70701 (566011)		2.15
D70702 (566012)		2.36
D70703 (566013)		2.54
D70704 (566014)		1.98
D70705 (566015)		2.15
D70706 (566016)		0.10
D70707 (566017)		2.19
D70708 (566018)		2.01
D70709 (566019)		2.49
D70710 (566020)		2.35

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



# Certificate of Analysis

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PROJECT: AGAT00792

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019	DATE RECEIVED: Sep 26, 2019							DATE REPORTED: Oct 10, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D70639 (565949)	<0.5	6.93	1	92	2.0	<1	0.90	<0.5	22	0.9	35.4	7.9	0.49	18	
D70640 (565950)	<0.5	7.43	<1	77	1.7	<1	0.74	<0.5	23	0.6	26.8	16.9	0.45	22	
D70641 (565951)	<0.5	8.10	<1	245	0.9	<1	7.04	<0.5	19	33.4	102	85.1	8.58	20	
D70642 (565952)	<0.5	7.91	<1	207	0.6	<1	7.16	<0.5	18	38.1	150	66.5	9.50	19	
D70643 (565953)	<0.5	7.54	<1	172	1.0	<1	6.94	<0.5	17	37.1	118	111	9.24	18	
D70644 (565954)	<0.5	8.15	<1	178	0.7	<1	7.31	<0.5	15	45.0	182	94.0	8.65	17	
D70645 (565955)	<0.5	7.38	<1	190	2.2	<1	6.76	<0.5	21	36.0	90.4	76.5	10.2	19	
D70646 (565956)	<0.5	7.62	<1	200	0.7	<1	6.71	<0.5	21	38.3	203	104	8.15	19	
D70647 (565957)	<0.5	9.10	<1	308	0.7	<1	7.84	0.7	10	43.5	202	127	8.46	17	
D70648 (565958)	<0.5	8.41	<1	329	0.7	<1	7.30	0.7	20	37.9	159	99.0	8.15	18	
D70649 (565959)	<0.5	7.94	<1	145	0.6	<1	5.51	<0.5	15	42.5	101	134	6.82	20	
D70650 (565960)	<0.5	7.80	<1	194	0.7	<1	7.47	<0.5	65	33.6	165	99.2	7.57	16	
D70651 (565961)	<0.5	8.44	<1	194	0.9	<1	4.86	<0.5	32	22.5	84.2	16.8	5.11	18	
D70652 (565962)	<0.5	0.12	<1	27	<0.5	<1	32.3	<0.5	<1	<0.5	10.8	<0.5	0.16	<5	
D70653 (565963)	0.7	7.52	<1	286	0.9	<1	3.33	0.5	42	14.5	58.2	56.3	4.20	17	
D70654 (565964)	0.8	7.83	<1	229	0.7	<1	2.83	<0.5	35	12.1	44.5	30.7	4.69	19	
D70655 (565965)	<0.5	7.74	<1	296	0.9	<1	3.50	<0.5	40	9.7	37.5	41.8	4.73	19	
D70656 (565966)	<0.5	7.35	<1	323	1.0	<1	3.79	<0.5	47	8.7	25.4	7.4	5.50	18	
D70657 (565967)	<0.5	7.50	<1	297	1.0	<1	3.87	<0.5	42	9.7	36.2	37.0	6.04	19	
D70658 (565968)	<0.5	7.31	<1	283	1.0	<1	3.76	<0.5	43	10.1	31.0	38.7	6.17	19	
D70659 (565969)	<0.5	8.63	<1	187	0.6	<1	6.78	0.5	9	35.6	227	61.5	7.45	14	
D70660 (565970)	<0.5	6.67	16	132	1.0	<1	4.51	0.9	35	27.4	254	33.9	5.59	15	
D70661 (565971)	1.7	6.11	8	284	1.5	<1	3.13	0.8	59	10.4	92.2	31.1	5.06	17	
D70662 (565972)	<0.5	6.13	6	417	1.2	<1	5.79	0.8	57	43.7	439	75.9	7.99	16	
D70663 (565973)	0.6	7.99	101	540	2.4	<1	3.77	4.2	40	32.7	107	255	4.77	20	
D70664 (565974)	0.5	7.50	63	407	2.3	<1	5.64	2.7	39	37.8	252	173	5.71	17	
D70665 (565975)	<0.5	7.84	105	273	1.5	<1	5.69	3.3	21	41.8	157	126	6.09	17	
D70666 (565976)	<0.5	7.59	<1	202	0.6	<1	6.92	<0.5	21	38.6	205	105	8.42	19	
D70667 (565977)	<0.5	8.06	8	248	1.3	<1	5.47	<0.5	28	26.0	150	83.0	6.77	16	
D70668 (565978)	<0.5	6.92	<1	286	0.9	<1	6.26	<0.5	31	36.3	321	56.9	7.15	15	
D70669 (565979)	<0.5	8.62	<1	349	0.9	<1	5.34	<0.5	27	27.8	159	96.3	5.87	18	
D70670 (565980)	<0.5	8.47	24	336	1.5	<1	5.04	0.8	28	23.0	165	92.8	5.02	18	

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T523226

PROJECT: AGAT00792

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019	DATE RECEIVED: Sep 26, 2019							DATE REPORTED: Oct 10, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D70671 (565981)	<0.5	6.69	<1	257	1.1	<1	7.20	<0.5	33	41.2	130	115	9.93	18	
D70672 (565982)	<0.5	0.11	<1	30	<0.5	<1	32.8	<0.5	<1	<0.5	9.8	<0.5	0.16	<5	
D70673 (565983)	<0.5	9.58	29	229	0.7	<1	7.44	1.0	14	39.4	206	80.7	6.51	17	
D70674 (565984)	<0.5	9.18	6	160	0.5	<1	7.31	0.7	15	37.1	168	93.5	7.55	18	
D70675 (565985)	<0.5	10.2	<1	137	0.5	<1	7.84	<0.5	10	38.8	185	113	7.71	17	
D70676 (565986)	<0.5	9.18	<1	263	1.1	<1	5.19	<0.5	35	24.2	167	34.3	5.06	20	
D70677 (565987)	0.7	7.38	<1	289	2.4	<1	3.61	<0.5	43	20.0	388	27.0	5.14	16	
D70678 (565988)	0.8	7.51	<1	298	2.4	<1	3.75	<0.5	46	19.7	400	27.9	5.22	16	
D70679 (565989)	<0.5	7.98	<1	353	1.2	<1	3.40	<0.5	50	9.0	59.4	21.9	5.93	18	
D70680 (565990)	<0.5	8.38	<1	270	0.9	<1	3.96	<0.5	43	12.0	77.2	30.0	5.35	19	
D70681 (565991)	<0.5	8.10	<1	239	0.7	<1	3.85	<0.5	33	14.7	43.4	14.4	5.39	19	
D70682 (565992)	<0.5	7.84	<1	262	0.9	<1	3.67	<0.5	36	10.7	42.0	27.5	4.65	18	
D70683 (565993)	<0.5	8.16	<1	305	0.9	<1	3.25	<0.5	45	10.1	34.0	21.4	5.11	18	
D70684 (565994)	<0.5	8.32	<1	221	1.0	<1	3.67	0.9	38	11.9	61.7	21.6	4.65	18	
D70685 (565995)	0.6	7.71	<1	399	1.1	<1	2.64	0.5	52	7.5	44.8	25.4	5.11	18	
D70686 (565996)	<0.5	7.61	<1	200	0.7	<1	6.62	<0.5	21	37.8	212	106	8.12	18	
D70687 (565997)	1.1	7.19	<1	375	0.9	<1	2.29	2.4	59	5.2	37.2	23.9	5.39	18	
D70688 (565998)	<0.5	7.62	<1	545	1.4	<1	3.86	1.6	43	8.3	49.9	44.3	5.37	18	
D70689 (565999)	0.9	7.65	<1	426	1.1	<1	3.01	2.4	61	5.6	38.0	76.5	6.81	20	
D70690 (566000)	1.2	7.34	<1	281	1.4	<1	2.54	2.2	61	2.2	34.5	28.4	5.96	17	
D70691 (566001)	1.4	6.81	<1	333	1.2	<1	2.22	1.6	69	3.4	27.2	48.2	6.63	18	
D70692 (566002)	<0.5	0.11	<1	30	<0.5	<1	31.7	<0.5	<1	0.8	12.5	7.0	0.27	<5	
D70693 (566003)	1.1	6.93	<1	405	1.5	<1	2.14	0.6	101	4.4	42.9	18.2	3.94	20	
D70694 (566004)	<0.5	8.08	<1	295	1.3	<1	2.48	0.6	108	5.5	50.6	13.9	3.22	22	
D70695 (566005)	1.1	7.55	<1	255	1.0	<1	2.66	0.6	58	5.5	42.5	19.9	3.54	18	
D70696 (566006)	1.3	8.06	<1	344	1.0	<1	2.99	31.7	53	7.9	36.5	88.3	5.63	18	
D70697 (566007)	<0.5	7.42	<1	308	1.2	<1	3.96	0.7	41	15.6	61.5	52.7	5.17	17	
D70698 (566008)	<0.5	7.39	<1	303	1.2	<1	3.92	<0.5	47	16.0	60.2	51.0	5.26	17	
D70699 (566009)	0.9	7.58	1	290	1.0	<1	2.79	<0.5	49	8.7	35.4	119	3.91	18	
D70700 (566010)	1.0	7.55	<1	304	1.0	<1	2.58	<0.5	49	5.1	35.5	22.4	3.70	17	
D70701 (566011)	1.1	7.59	1	332	1.0	<1	2.69	<0.5	47	5.2	32.3	8.1	3.40	17	
D70702 (566012)	0.7	7.46	1	411	1.0	<1	2.93	<0.5	71	6.0	49.1	9.2	3.40	16	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T523226

PROJECT: AGAT00792

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019	DATE RECEIVED: Sep 26, 2019					DATE REPORTED: Oct 10, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D70703 (566013)	0.7	7.32	<1	307	1.0	<1	2.93	<0.5	46	7.0	33.3	24.2	4.13	16	
D70704 (566014)	0.7	7.25	2	305	0.9	<1	2.44	<0.5	48	6.0	30.4	5.1	3.11	17	
D70705 (566015)	0.9	7.51	<1	297	0.9	<1	2.55	<0.5	50	5.7	35.8	35.3	3.49	17	
D70706 (566016)	<0.5	7.89	<1	206	0.7	<1	6.91	<0.5	21	38.6	215	108	8.47	19	
D70707 (566017)	0.9	7.53	<1	257	1.0	<1	2.50	<0.5	49	5.7	36.0	15.9	3.15	17	
D70708 (566018)	0.8	7.43	<1	278	1.2	<1	2.55	<0.5	47	6.1	39.4	4.2	3.11	17	
D70709 (566019)	1.3	7.53	<1	314	1.5	<1	2.75	<0.5	40	7.2	61.8	15.0	3.08	17	
D70710 (566020)	0.9	7.63	<1	272	1.0	<1	2.62	<0.5	48	6.5	61.3	10.4	3.42	18	

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### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019	DATE RECEIVED: Sep 26, 2019					DATE REPORTED: Oct 10, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	1	10	0.01	1	
D70639 (565949)	<1	3.95	9	2	0.09	176	6.4	2.92	3.5	57	35	43	0.03	<1	
D70640 (565950)	<1	4.19	9	2	0.06	200	5.4	3.05	1.7	63	43	50	0.01	<1	
D70641 (565951)	<1	1.01	7	12	2.51	2080	4.4	2.10	46.9	533	4	<10	0.19	<1	
D70642 (565952)	<1	0.50	7	11	2.71	2320	4.4	1.97	62.7	652	3	<10	0.13	<1	
D70643 (565953)	<1	1.71	6	12	2.81	2320	4.2	1.98	57.8	439	3	<10	0.17	<1	
D70644 (565954)	<1	0.96	5	9	2.51	2180	3.9	2.14	81.4	417	2	<10	0.12	<1	
D70645 (565955)	<1	0.60	8	11	3.02	2620	4.6	1.78	48.4	762	3	<10	0.16	<1	
D70646 (565956)	<1	0.45	9	10	4.58	1370	2.0	2.29	109	913	3	<10	0.10	<1	
D70647 (565957)	<1	0.76	4	13	2.98	2230	4.0	1.68	107	355	2	<10	0.42	<1	
D70648 (565958)	<1	0.62	8	13	2.94	2050	3.8	2.00	55.6	578	2	<10	0.36	<1	
D70649 (565959)	<1	0.27	5	12	2.38	1720	2.9	2.68	41.9	611	<1	<10	0.25	<1	
D70650 (565960)	<1	1.76	28	15	2.93	1980	2.7	1.50	73.5	415	4	<10	0.18	<1	
D70651 (565961)	<1	0.67	13	19	1.86	1030	2.7	1.98	58.5	748	3	<10	0.07	<1	
D70652 (565962)	<1	0.02	<2	1	1.75	128	1.4	0.04	1.0	64	<1	<10	0.05	1	
D70653 (565963)	<1	0.78	17	17	0.88	854	4.6	2.09	32.4	687	4	<10	0.31	<1	
D70654 (565964)	<1	1.10	15	27	0.89	894	4.2	2.12	21.6	824	2	<10	0.26	<1	
D70655 (565965)	<1	0.98	17	26	0.78	951	3.9	1.58	10.5	838	2	<10	0.29	<1	
D70656 (565966)	<1	0.90	21	26	0.78	1090	4.1	1.12	5.0	992	3	<10	0.04	<1	
D70657 (565967)	<1	0.77	18	22	0.80	1370	4.7	1.40	6.9	851	3	<10	0.09	<1	
D70658 (565968)	<1	0.74	19	21	0.78	1370	4.4	1.34	7.1	890	3	<10	0.09	<1	
D70659 (565969)	<1	0.82	3	16	3.59	1450	2.6	1.85	76.2	250	1	<10	0.17	<1	
D70660 (565970)	<1	0.43	14	17	3.08	977	3.1	2.01	131	468	4	<10	0.13	<1	
D70661 (565971)	<1	0.69	24	17	1.44	1100	4.5	1.72	55.6	362	5	<10	0.19	<1	
D70662 (565972)	<1	1.04	25	14	5.58	1440	3.5	1.77	248	1270	21	<10	0.36	<1	
D70663 (565973)	<1	1.44	18	26	1.57	601	5.8	3.54	91.1	542	9	11	2.02	<1	
D70664 (565974)	<1	1.85	18	35	2.99	1050	3.6	3.18	160	561	6	14	1.59	<1	
D70665 (565975)	<1	0.97	9	13	2.33	1370	4.0	2.51	89.8	455	5	<10	1.08	<1	
D70666 (565976)	<1	0.44	9	10	4.59	1380	2.1	2.35	111	907	2	<10	0.11	<1	
D70667 (565977)	<1	0.67	12	12	3.13	1520	5.0	1.96	88.7	670	6	<10	0.20	<1	
D70668 (565978)	<1	0.99	14	21	5.39	1200	4.1	2.03	158	752	4	<10	0.06	<1	
D70669 (565979)	<1	0.93	13	26	3.71	981	2.7	2.59	110	757	3	<10	0.18	<1	
D70670 (565980)	<1	1.05	13	18	2.13	1130	4.3	1.78	101	574	4	<10	0.26	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T523226

PROJECT: AGAT00792

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019	DATE RECEIVED: Sep 26, 2019					DATE REPORTED: Oct 10, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	1	10	0.01	1	
D70671 (565981)	<1	0.58	15	10	3.91	1690	4.8	1.46	68.8	764	5	<10	0.15	<1	
D70672 (565982)	<1	0.02	<2	2	1.92	104	1.2	0.04	1.2	88	<1	<10	0.05	<1	
D70673 (565983)	<1	0.78	6	16	3.14	1620	3.0	1.88	124	425	4	<10	0.26	<1	
D70674 (565984)	<1	0.49	6	10	3.08	1820	3.5	1.82	61.7	420	3	<10	0.20	<1	
D70675 (565985)	<1	0.46	4	9	3.08	2070	4.4	1.89	84.9	389	2	<10	0.28	<1	
D70676 (565986)	<1	0.94	15	18	2.27	1070	10.8	2.25	71.8	854	5	<10	0.10	<1	
D70677 (565987)	<1	1.32	18	34	2.66	957	8.8	2.15	166	653	7	<10	0.15	<1	
D70678 (565988)	<1	1.37	19	36	2.76	966	8.6	2.26	169	624	7	<10	0.15	<1	
D70679 (565989)	<1	1.02	21	16	0.87	1290	7.8	1.85	16.1	990	7	<10	0.18	<1	
D70680 (565990)	<1	1.03	17	20	1.11	1000	9.3	2.00	21.5	968	4	<10	0.28	<1	
D70681 (565991)	<1	0.76	14	17	1.11	1040	5.2	1.99	18.0	768	4	<10	0.14	<1	
D70682 (565992)	<1	0.78	16	20	0.93	1080	5.5	2.13	12.9	805	4	<10	0.42	<1	
D70683 (565993)	<1	1.05	19	26	0.84	1190	4.9	2.32	11.3	956	5	<10	0.67	<1	
D70684 (565994)	<1	0.83	17	23	1.10	1170	5.1	2.41	29.3	657	4	<10	0.31	<1	
D70685 (565995)	<1	1.16	22	30	0.82	1360	5.3	2.17	11.5	642	3	<10	0.31	<1	
D70686 (565996)	<1	0.44	9	10	4.54	1370	2.4	2.30	109	874	3	<10	0.10	<1	
D70687 (565997)	<1	1.26	24	30	0.82	1720	5.8	2.10	6.6	541	9	10	0.26	<1	
D70688 (565998)	<1	1.20	19	23	1.15	1390	6.1	2.26	13.9	695	6	<10	0.79	<1	
D70689 (565999)	<1	1.38	26	28	0.89	2120	6.0	1.71	5.2	684	9	10	0.58	<1	
D70690 (566000)	<1	1.16	25	31	0.86	1950	6.2	1.74	3.3	370	9	<10	0.31	<1	
D70691 (566001)	<1	1.25	28	34	0.91	1950	6.3	1.65	5.0	300	7	<10	0.69	<1	
D70692 (566002)	<1	0.02	2	2	1.31	120	4.5	0.04	5.4	81	<1	<10	0.05	2	
D70693 (566003)	<1	1.56	43	29	0.74	792	5.7	2.20	11.7	295	14	14	0.39	<1	
D70694 (566004)	<1	1.33	48	31	0.63	344	4.5	2.87	16.2	129	21	13	0.47	<1	
D70695 (566005)	<1	1.04	26	26	0.50	588	6.5	2.66	6.0	433	19	<10	0.89	<1	
D70696 (566006)	<1	1.22	23	27	0.67	1350	7.1	2.50	4.0	928	29	<10	1.92	<1	
D70697 (566007)	<1	1.24	18	25	1.57	895	5.6	2.39	22.8	455	7	<10	0.23	<1	
D70698 (566008)	<1	1.25	21	26	1.61	904	5.5	2.31	21.4	452	8	<10	0.22	<1	
D70699 (566009)	<1	1.26	22	29	0.83	571	5.2	2.81	11.2	370	5	<10	0.49	<1	
D70700 (566010)	<1	1.06	21	35	0.76	710	5.7	2.52	5.8	508	4	<10	0.43	<1	
D70701 (566011)	<1	0.97	21	33	0.66	734	6.4	2.50	5.3	467	9	<10	0.20	<1	
D70702 (566012)	<1	1.24	33	31	0.72	591	7.4	2.39	9.8	396	9	<10	0.36	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T523226

PROJECT: AGAT00792

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019	DATE RECEIVED: Sep 26, 2019					DATE REPORTED: Oct 10, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	1	10	0.01	1
D70703 (566013)	<1	1.38	20	34	0.87	930	5.2	2.11	7.0	856	8	<10	0.51	<1	
D70704 (566014)	<1	1.30	22	48	0.73	672	6.4	2.25	7.8	394	6	12	0.12	<1	
D70705 (566015)	<1	1.23	23	41	0.73	720	6.5	2.39	8.3	408	4	<10	0.66	<1	
D70706 (566016)	<1	0.46	10	11	4.75	1430	2.4	2.39	113	918	4	<10	0.11	<1	
D70707 (566017)	<1	1.39	22	47	0.83	537	5.9	2.26	7.7	392	2	<10	0.26	<1	
D70708 (566018)	<1	1.47	21	57	0.94	546	6.3	2.12	9.0	402	5	11	0.10	<1	
D70709 (566019)	<1	1.35	18	48	0.85	598	5.6	2.16	14.6	481	9	<10	0.31	<1	
D70710 (566020)	<1	1.38	22	42	0.77	574	5.3	2.35	11.5	425	6	<10	0.76	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

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### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019	DATE RECEIVED: Sep 26, 2019					DATE REPORTED: Oct 10, 2019					SAMPLE TYPE: Drill Core				
Analyte: Unit: RDL:	Sc ppm 1	Se ppm 10	Sn ppm 5	Sr ppm 1	Ta ppm 10	Te ppm 10	Th ppm 5	Ti % 0.01	Tl ppm 5	U ppm 5	V ppm 0.5	W ppm 1	Y ppm 1	Zn ppm 0.5	
D70639 (565949)	3	<10	<5	42	<10	<10	16	0.02	<5	6	4.9	<1	10	15.2	
D70640 (565950)	3	<10	<5	36	<10	<10	14	0.01	<5	<5	3.9	<1	12	24.7	
D70641 (565951)	38	<10	<5	191	<10	<10	<5	0.80	<5	12	283	<1	32	136	
D70642 (565952)	43	<10	<5	209	<10	<10	<5	0.81	<5	15	314	<1	32	98.3	
D70643 (565953)	46	<10	<5	172	<10	<10	<5	0.71	<5	18	304	<1	29	126	
D70644 (565954)	46	<10	<5	159	<10	<10	<5	0.72	<5	13	312	<1	27	111	
D70645 (565955)	43	<10	<5	126	<10	<10	<5	0.99	<5	17	316	<1	41	137	
D70646 (565956)	35	<10	<5	237	<10	<10	<5	0.86	<5	7	250	<1	23	94.8	
D70647 (565957)	39	<10	<5	193	<10	<10	<5	0.55	<5	14	253	<1	21	444	
D70648 (565958)	36	<10	<5	184	<10	<10	<5	0.66	<5	11	280	<1	25	257	
D70649 (565959)	53	<10	<5	155	<10	<10	<5	0.97	<5	9	411	<1	32	115	
D70650 (565960)	38	<10	<5	193	<10	<10	<5	0.54	<5	<5	243	<1	23	129	
D70651 (565961)	22	<10	<5	200	<10	<10	<5	0.45	<5	<5	128	<1	22	78.4	
D70652 (565962)	1	<10	<5	68	<10	<10	<5	<0.01	<5	<5	2.5	<1	2	3.7	
D70653 (565963)	15	<10	<5	211	<10	<10	<5	0.39	<5	<5	61.7	<1	30	105	
D70654 (565964)	16	<10	<5	222	<10	<10	<5	0.44	<5	<5	68.2	<1	24	81.0	
D70655 (565965)	16	<10	<5	208	<10	<10	<5	0.48	<5	<5	51.1	<1	33	92.9	
D70656 (565966)	17	<10	<5	227	<10	<10	<5	0.55	<5	<5	42.3	<1	41	103	
D70657 (565967)	16	<10	<5	197	<10	<10	<5	0.46	<5	<5	32.6	<1	39	96.1	
D70658 (565968)	16	<10	<5	189	<10	<10	<5	0.45	<5	<5	32.4	<1	38	92.7	
D70659 (565969)	43	<10	<5	177	<10	<10	<5	0.33	<5	10	206	<1	15	240	
D70660 (565970)	22	<10	<5	109	<10	<10	<5	0.35	<5	<5	101	<1	33	116	
D70661 (565971)	16	<10	<5	129	<10	<10	<5	0.31	<5	<5	32.8	<1	56	144	
D70662 (565972)	30	<10	<5	328	<10	<10	<5	0.89	<5	<5	218	<1	21	175	
D70663 (565973)	20	<10	<5	242	<10	<10	<5	0.29	<5	<5	123	<1	16	964	
D70664 (565974)	21	<10	<5	188	<10	<10	<5	0.46	<5	<5	145	<1	26	675	
D70665 (565975)	30	<10	<5	205	<10	<10	<5	0.43	<5	5	197	<1	29	372	
D70666 (565976)	36	<10	<5	242	<10	<10	<5	0.88	<5	8	255	<1	23	97.7	
D70667 (565977)	22	<10	<5	195	<10	<10	<5	0.46	<5	<5	150	<1	19	102	
D70668 (565978)	28	<10	<5	258	<10	<10	<5	0.54	<5	<5	174	<1	17	105	
D70669 (565979)	26	<10	<5	234	<10	<10	<5	0.44	<5	<5	163	<1	19	122	
D70670 (565980)	20	<10	<5	216	<10	<10	<5	0.40	<5	<5	138	<1	14	116	

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# Certificate of Analysis

AGAT WORK ORDER: 19T523226

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019	DATE RECEIVED: Sep 26, 2019					DATE REPORTED: Oct 10, 2019					SAMPLE TYPE: Drill Core				
Analyte: Unit: RDL:	Sc ppm 1	Se ppm 10	Sn ppm 5	Sr ppm 1	Ta ppm 10	Te ppm 10	Th ppm 5	Ti % 0.01	Tl ppm 5	U ppm 5	V ppm 0.5	W ppm 1	Y ppm 1	Zn ppm 0.5	
D70671 (565981)	46	<10	<5	171	<10	<10	<5	0.93	<5	7	352	<1	28	108	
D70672 (565982)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<5	2.8	<1	2	5.2	
D70673 (565983)	33	<10	<5	207	<10	<10	<5	0.50	<5	7	212	<1	18	164	
D70674 (565984)	39	<10	<5	146	<10	<10	<5	0.63	<5	10	271	<1	23	122	
D70675 (565985)	36	<10	<5	151	<10	<10	<5	0.61	<5	14	246	<1	22	133	
D70676 (565986)	22	<10	<5	208	<10	<10	<5	0.52	<5	<5	150	<1	22	96.1	
D70677 (565987)	17	<10	<5	193	<10	<10	<5	0.33	<5	<5	69.0	<1	31	118	
D70678 (565988)	16	<10	<5	202	<10	<10	<5	0.35	<5	<5	67.9	<1	31	123	
D70679 (565989)	17	<10	<5	220	<10	<10	<5	0.48	<5	<5	29.8	<1	43	134	
D70680 (565990)	16	<10	<5	235	<10	<10	<5	0.47	<5	<5	61.9	<1	28	107	
D70681 (565991)	16	<10	<5	223	<10	<10	<5	0.45	<5	<5	91.8	<1	24	104	
D70682 (565992)	14	<10	<5	191	<10	<10	<5	0.42	<5	<5	54.5	<1	26	147	
D70683 (565993)	15	<10	<5	175	<10	<10	<5	0.42	<5	<5	41.9	<1	31	150	
D70684 (565994)	15	<10	<5	182	<10	<10	<5	0.34	<5	<5	66.4	<1	27	203	
D70685 (565995)	15	<10	<5	154	<10	<10	<5	0.33	<5	<5	37.4	<1	41	147	
D70686 (565996)	35	<10	<5	235	<10	<10	<5	0.86	<5	7	249	<1	23	94.0	
D70687 (565997)	15	<10	<5	119	<10	<10	<5	0.34	<5	<5	20.1	<1	50	358	
D70688 (565998)	19	<10	<5	197	<10	<10	<5	0.32	<5	<5	45.8	<1	31	376	
D70689 (565999)	15	<10	<5	125	<10	<10	<5	0.35	<5	<5	19.9	<1	46	463	
D70690 (566000)	14	<10	<5	135	<10	<10	<5	0.24	<5	<5	5.4	<1	61	365	
D70691 (566001)	16	<10	<5	142	<10	<10	<5	0.26	<5	<5	5.7	<1	69	378	
D70692 (566002)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<5	1.5	<1	2	6.4	
D70693 (566003)	13	<10	<5	156	<10	<10	20	0.32	<5	<5	29.2	<1	35	247	
D70694 (566004)	9	<10	5	161	<10	<10	36	0.28	<5	<5	36.3	<1	12	268	
D70695 (566005)	10	<10	<5	149	<10	<10	<5	0.23	<5	<5	23.9	<1	17	154	
D70696 (566006)	13	<10	<5	167	<10	<10	<5	0.37	<5	<5	20.8	<1	32	4780	
D70697 (566007)	20	<10	<5	157	<10	<10	<5	0.41	<5	<5	118	<1	22	131	
D70698 (566008)	20	<10	<5	154	<10	<10	<5	0.39	<5	<5	120	<1	22	96.0	
D70699 (566009)	10	<10	<5	164	<10	<10	<5	0.21	<5	<5	30.6	<1	19	61.6	
D70700 (566010)	11	<10	<5	152	<10	<10	<5	0.25	<5	<5	21.9	<1	29	71.4	
D70701 (566011)	10	<10	<5	150	<10	<10	<5	0.22	<5	<5	18.5	<1	27	102	
D70702 (566012)	10	<10	<5	159	<10	<10	8	0.21	<5	<5	26.8	<1	20	77.6	

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## Certificate of Analysis

AGAT WORK ORDER: 19T523226

PROJECT: AGAT00792

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019	DATE RECEIVED: Sep 26, 2019					DATE REPORTED: Oct 10, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	5	0.5	1	1	0.5	
D70703 (566013)	12	<10	<5	144	<10	<10	<5	0.32	<5	<5	24.7	<1	24	119	
D70704 (566014)	10	<10	<5	116	<10	<10	<5	0.24	<5	<5	33.3	<1	18	64.6	
D70705 (566015)	10	<10	<5	124	<10	<10	<5	0.24	<5	<5	33.3	<1	17	62.2	
D70706 (566016)	36	<10	<5	244	<10	<10	<5	0.89	<5	8	256	<1	23	97.8	
D70707 (566017)	10	<10	<5	127	<10	<10	<5	0.24	<5	<5	34.0	<1	13	53.9	
D70708 (566018)	10	<10	<5	132	<10	<10	<5	0.23	<5	<5	34.9	<1	13	67.4	
D70709 (566019)	10	<10	<5	178	<10	<10	<5	0.23	<5	<5	34.2	<1	15	93.1	
D70710 (566020)	11	<10	<5	151	<10	<10	<5	0.23	<5	<5	33.2	<1	11	78.0	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019      DATE RECEIVED: Sep 26, 2019      DATE REPORTED: Oct 10, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D70639 (565949)				40
D70640 (565950)				33
D70641 (565951)				21
D70642 (565952)				17
D70643 (565953)				17
D70644 (565954)				14
D70645 (565955)				20
D70646 (565956)				91
D70647 (565957)				16
D70648 (565958)				21
D70649 (565959)				14
D70650 (565960)				32
D70651 (565961)				122
D70652 (565962)				<5
D70653 (565963)				190
D70654 (565964)				84
D70655 (565965)				113
D70656 (565966)				63
D70657 (565967)				44
D70658 (565968)				46
D70659 (565969)				21
D70660 (565970)				145
D70661 (565971)				280
D70662 (565972)				127
D70663 (565973)				102
D70664 (565974)				117
D70665 (565975)				56
D70666 (565976)				92
D70667 (565977)				87
D70668 (565978)				72
D70669 (565979)				108
D70670 (565980)				106

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### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019      DATE RECEIVED: Sep 26, 2019      DATE REPORTED: Oct 10, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D70671 (565981)			101
D70672 (565982)			<5
D70673 (565983)			41
D70674 (565984)			28
D70675 (565985)			27
D70676 (565986)			95
D70677 (565987)			213
D70678 (565988)			213
D70679 (565989)			121
D70680 (565990)			109
D70681 (565991)			83
D70682 (565992)			85
D70683 (565993)			94
D70684 (565994)			97
D70685 (565995)			158
D70686 (565996)			90
D70687 (565997)			241
D70688 (565998)			134
D70689 (565999)			201
D70690 (566000)			262
D70691 (566001)			269
D70692 (566002)			<5
D70693 (566003)			249
D70694 (566004)			138
D70695 (566005)			214
D70696 (566006)			190
D70697 (566007)			164
D70698 (566008)			163
D70699 (566009)			183
D70700 (566010)			217
D70701 (566011)			228
D70702 (566012)			188

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T523226

PROJECT: AGAT00792

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 25, 2019      DATE RECEIVED: Sep 26, 2019      DATE REPORTED: Oct 10, 2019      SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
Sample ID (AGAT ID)	RDL:
D70703 (566013)	156
D70704 (566014)	175
D70705 (566015)	180
D70706 (566016)	92
D70707 (566017)	188
D70708 (566018)	170
D70709 (566019)	170
D70710 (566020)	157

Comments: RDL - Reported Detection Limit  
 565949-566020 As, Sb values may be low due to digestion losses.  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T523226

PROJECT: AGAT00792

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 25, 2019      DATE RECEIVED: Sep 26, 2019      DATE REPORTED: Oct 10, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D70639 (565949)			0.015
D70640 (565950)			0.006
D70641 (565951)			0.006
D70642 (565952)			0.013
D70643 (565953)			0.008
D70644 (565954)			0.006
D70645 (565955)			0.025
D70646 (565956)			0.329
D70647 (565957)			0.027
D70648 (565958)			0.005
D70649 (565959)			0.005
D70650 (565960)			0.005
D70651 (565961)			0.002
D70652 (565962)			0.002
D70653 (565963)			0.003
D70654 (565964)			0.003
D70655 (565965)			0.003
D70656 (565966)			0.005
D70657 (565967)			0.003
D70658 (565968)			0.003
D70659 (565969)			0.010
D70660 (565970)			0.007
D70661 (565971)			0.016
D70662 (565972)			0.006
D70663 (565973)			0.024
D70664 (565974)			0.018
D70665 (565975)			0.019
D70666 (565976)			0.335
D70667 (565977)			0.028
D70668 (565978)			0.007
D70669 (565979)			0.007
D70670 (565980)			0.013

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T523226

PROJECT: AGAT00792

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 25, 2019      DATE RECEIVED: Sep 26, 2019      DATE REPORTED: Oct 10, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D70671 (565981)			0.004
D70672 (565982)			0.002
D70673 (565983)			0.006
D70674 (565984)			0.007
D70675 (565985)			0.007
D70676 (565986)			0.007
D70677 (565987)			0.004
D70678 (565988)			0.003
D70679 (565989)			0.003
D70680 (565990)			0.003
D70681 (565991)			0.003
D70682 (565992)			0.016
D70683 (565993)			0.006
D70684 (565994)			0.006
D70685 (565995)			0.006
D70686 (565996)			0.329
D70687 (565997)			0.009
D70688 (565998)			0.015
D70689 (565999)			0.019
D70690 (566000)			0.027
D70691 (566001)			0.010
D70692 (566002)			0.006
D70693 (566003)			0.007
D70694 (566004)			0.012
D70695 (566005)			0.006
D70696 (566006)			0.037
D70697 (566007)			0.003
D70698 (566008)			0.004
D70699 (566009)			0.006
D70700 (566010)			0.004
D70701 (566011)			0.003
D70702 (566012)			0.005

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T523226

PROJECT: AGAT00792

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 25, 2019      DATE RECEIVED: Sep 26, 2019      DATE REPORTED: Oct 10, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au	ppm	0.001	
D70703 (566013)				0.006
D70704 (566014)				0.004
D70705 (566015)				0.003
D70706 (566016)				0.338
D70707 (566017)				0.005
D70708 (566018)				0.004
D70709 (566019)				0.003
D70710 (566020)				0.007

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T523226

PROJECT: AGAT00792

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CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Sep 25, 2019	DATE RECEIVED: Sep 26, 2019	DATE REPORTED: Oct 10, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D70639 (565949)		94.1
D70656 (565966)		86.7
D70675 (565985)		84
D70694 (566004)		86

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T523226

PROJECT: AGAT00792

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Sep 25, 2019      DATE RECEIVED: Sep 26, 2019      DATE REPORTED: Oct 10, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D70639 (565949)		90.6
D70667 (565977)		87.2
D70675 (565985)		88

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	565949	< 0.5	< 0.5	0.0%	565964	0.8	< 0.5		565974	0.5	< 0.5		565989	< 0.5	< 0.5	0.0%
Al	565949	6.93	7.22	4.1%	565964	7.83	7.82	0.1%	565974	7.50	7.56	0.8%	565989	7.98	7.67	4.0%
As	565949	1	1	0.0%	565964	< 1	< 1	0.0%	565974	63	57	10.0%	565989	< 1	< 1	0.0%
Ba	565949	92	78	16.5%	565964	229	232	1.3%	565974	407	401	1.5%	565989	353	336	4.9%
Be	565949	2.0	1.8	10.5%	565964	0.7	0.7	0.0%	565974	2.3	2.3	0.0%	565989	1.2	1.2	0.0%
Bi	565949	< 1	< 1	0.0%	565964	< 1	< 1	0.0%	565974	< 1	< 1	0.0%	565989	< 1	< 1	0.0%
Ca	565949	0.90	0.93	3.3%	565964	2.83	2.87	1.4%	565974	5.64	5.53	2.0%	565989	3.40	3.17	7.0%
Cd	565949	< 0.5	< 0.5	0.0%	565964	< 0.5	< 0.5	0.0%	565974	2.7	2.7	0.0%	565989	< 0.5	< 0.5	0.0%
Ce	565949	22	23	4.4%	565964	35	39	10.8%	565974	39	41	5.0%	565989	50	48	4.1%
Co	565949	0.86	0.77	11.0%	565964	12.1	11.9	1.7%	565974	37.8	36.7	3.0%	565989	9.0	9.0	0.0%
Cr	565949	35.4	33.1	6.7%	565964	44.5	41.3	7.5%	565974	252	259	2.7%	565989	59.4	58.8	1.0%
Cu	565949	7.89	7.43	6.0%	565964	30.7	29.4	4.3%	565974	173	170	1.7%	565989	21.9	21.5	1.8%
Fe	565949	0.49	0.49	0.0%	565964	4.69	4.67	0.4%	565974	5.71	5.90	3.3%	565989	5.93	5.65	4.8%
Ga	565949	18	19	5.4%	565964	19	18	5.4%	565974	17	16	6.1%	565989	18	18	0.0%
In	565949	< 1	< 1	0.0%	565964	< 1	< 1	0.0%	565974	< 1	< 1	0.0%	565989	< 1	< 1	0.0%
K	565949	3.95	4.12	4.2%	565964	1.10	1.12	1.8%	565974	1.85	1.88	1.6%	565989	1.02	0.984	3.6%
La	565949	9	10	10.5%	565964	15	17	12.5%	565974	18	18	0.0%	565989	21	21	0.0%
Li	565949	2	2	0.0%	565964	27	28	3.6%	565974	35	36	2.8%	565989	16	16	0.0%
Mg	565949	0.09	0.09	0.0%	565964	0.89	0.89	0.0%	565974	2.99	3.11	3.9%	565989	0.867	0.823	5.2%
Mn	565949	176	180	2.2%	565964	894	887	0.8%	565974	1050	1070	1.9%	565989	1290	1220	5.6%
Mo	565949	6.44	6.79	5.3%	565964	4.20	3.53	17.3%	565974	3.65	3.91	6.9%	565989	7.77	7.64	1.7%
Na	565949	2.92	3.05	4.4%	565964	2.12	2.16	1.9%	565974	3.18	3.08	3.2%	565989	1.85	1.75	5.6%
Ni	565949	3.47	2.64	27.2%	565964	21.6	20.3	6.2%	565974	160	164	2.5%	565989	16.1	15.5	3.8%
P	565949	57	45	23.5%	565964	824	792	4.0%	565974	561	574	2.3%	565989	990	970	2.0%
Pb	565949	35	39	10.8%	565964	2	3		565974	6	6	0.0%	565989	7	7	0.0%
Rb	565949	43	45	4.5%	565964	< 10	< 10	0.0%	565974	14	14	0.0%	565989	< 10	< 10	0.0%
S	565949	0.03	0.02		565964	0.261	0.254	2.7%	565974	1.59	1.57	1.3%	565989	0.18	0.18	0.0%
Sb	565949	< 1	< 1	0.0%	565964	< 1	< 1	0.0%	565974	< 1	< 1	0.0%	565989	< 1	< 1	0.0%
Sc	565949	3	3	0.0%	565964	16	16	0.0%	565974	21	21	0.0%	565989	17	17	0.0%
Se	565949	< 10	< 10	0.0%	565964	< 10	< 10	0.0%	565974	< 10	< 10	0.0%	565989	< 10	< 10	0.0%
Sn	565949	< 5	< 5	0.0%	565964	< 5	< 5	0.0%	565974	< 5	< 5	0.0%	565989	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	565949	42	41	2.4%	565964	222	228	2.7%	565974	188	181	3.8%	565989	220	208	5.6%
Ta	565949	< 10	< 10	0.0%	565964	< 10	< 10	0.0%	565974	< 10	< 10	0.0%	565989	< 10	< 10	0.0%
Te	565949	< 10	< 10	0.0%	565964	< 10	< 10	0.0%	565974	< 10	< 10	0.0%	565989	< 10	< 10	0.0%
Th	565949	16	16	0.0%	565964	< 5	< 5	0.0%	565974	< 5	< 5	0.0%	565989	< 5	< 5	0.0%
Ti	565949	0.015	0.012	22.2%	565964	0.443	0.461	4.0%	565974	0.463	0.469	1.3%	565989	0.476	0.450	5.6%
Tl	565949	< 5	< 5	0.0%	565964	< 5	< 5	0.0%	565974	< 5	< 5	0.0%	565989	< 5	< 5	0.0%
U	565949	6	6	0.0%	565964	< 5	< 5	0.0%	565974	< 5	< 5	0.0%	565989	< 5	< 5	0.0%
V	565949	4.9	3.7	27.9%	565964	68.2	68.0	0.3%	565974	145	147	1.4%	565989	29.8	28.9	3.1%
W	565949	< 1	< 1	0.0%	565964	< 1	< 1	0.0%	565974	< 1	< 1	0.0%	565989	< 1	< 1	0.0%
Y	565949	10	11	9.5%	565964	24	23	4.3%	565974	26	26	0.0%	565989	43	42	2.4%
Zn	565949	15.2	14.9	2.0%	565964	81.0	82.3	1.6%	565974	675	639	5.5%	565989	134	126	6.2%
Zr	565949	40	43	7.2%	565964	84	81	3.6%	565974	117	119	1.7%	565989	121	114	6.0%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	565999	0.9	0.7	25.0%	566014	0.70	0.77	9.5%								
Al	565999	7.65	7.84	2.5%	566014	7.25	7.25	0.0%								
As	565999	< 1	< 1	0.0%	566014	2	< 1									
Ba	565999	426	449	5.3%	566014	305	305	0.0%								
Be	565999	1.1	1.1	0.0%	566014	0.9	0.9	0.0%								
Bi	565999	< 1	< 1	0.0%	566014	< 1	< 1	0.0%								
Ca	565999	3.01	3.08	2.3%	566014	2.44	2.42	0.8%								
Cd	565999	2.4	2.4	0.0%	566014	< 0.5	< 0.5	0.0%								
Ce	565999	61	59	3.3%	566014	48	51	6.1%								
Co	565999	5.6	5.2	7.4%	566014	5.96	5.77	3.2%								
Cr	565999	38.0	39.2	3.1%	566014	30.4	29.1	4.4%								
Cu	565999	76.5	66.0	14.7%	566014	5.1	5.4	5.7%								
Fe	565999	6.81	6.59	3.3%	566014	3.11	3.08	1.0%								
Ga	565999	20	18	10.5%	566014	17	16	6.1%								
In	565999	< 1	< 1	0.0%	566014	< 1	< 1	0.0%								
K	565999	1.38	1.37	0.7%	566014	1.30	1.29	0.8%								
La	565999	26	25	3.9%	566014	22	23	4.4%								
Li	565999	28	26	7.4%	566014	48	48	0.0%								
Mg	565999	0.885	0.874	1.3%	566014	0.729	0.724	0.7%								
Mn	565999	2120	2090	1.4%	566014	672	651	3.2%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	565999	5.95	5.53	7.3%	566014	6.4	5.7	11.6%								
Na	565999	1.71	1.73	1.2%	566014	2.25	2.23	0.9%								
Ni	565999	5.22	5.03	3.7%	566014	7.8	7.8	0.0%								
P	565999	684	750	9.2%	566014	394	389	1.3%								
Pb	565999	9	10	10.5%	566014	6	6	0.0%								
Rb	565999	10	10	0.0%	566014	12	12	0.0%								
S	565999	0.575	0.501	13.8%	566014	0.12	0.12	0.0%								
Sb	565999	< 1	< 1	0.0%	566014	< 1	< 1	0.0%								
Sc	565999	15	15	0.0%	566014	10	9	10.5%								
Se	565999	< 10	< 10	0.0%	566014	< 10	< 10	0.0%								
Sn	565999	< 5	< 5	0.0%	566014	< 5	< 5	0.0%								
Sr	565999	125	126	0.8%	566014	116	115	0.9%								
Ta	565999	< 10	< 10	0.0%	566014	< 10	< 10	0.0%								
Te	565999	< 10	< 10	0.0%	566014	< 10	< 10	0.0%								
Th	565999	< 5	< 5	0.0%	566014	< 5	< 5	0.0%								
Ti	565999	0.352	0.356	1.1%	566014	0.24	0.24	0.0%								
Tl	565999	< 5	< 5	0.0%	566014	< 5	< 5	0.0%								
U	565999	< 5	< 5	0.0%	566014	< 5	< 5	0.0%								
V	565999	19.9	19.6	1.5%	566014	33.3	33.0	0.9%								
W	565999	< 1	< 1	0.0%	566014	< 1	< 1	0.0%								
Y	565999	46	45	2.2%	566014	18	18	0.0%								
Zn	565999	463	387	17.9%	566014	64.6	65.3	1.1%								
Zr	565999	201	185	8.3%	566014	175	167	4.7%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	565949	0.015	0.006		565964	0.003	0.003	0.0%	565974	0.018	0.018	0.0%	565989	0.003	0.003	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	565999	0.0187	0.0159	16.2%	566014	0.004	0.004	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP7M)				CRM #3 (ref.1P5R)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	3.12	103%	90% - 110%
Al	10.95	11.19	102%	90% - 110%	8.17	8.63	106%	90% - 110%	6.96	7.08	102%	90% - 110%	4.75	5.12	108%	90% - 110%
As					26	21	81%	90% - 110%	124	128	103%	90% - 110%				
Ba	340	353	104%	90% - 110%	540	544	101%	90% - 110%	186	193	104%	90% - 110%	216	223	103%	90% - 110%
Be	2.6	3	116%	90% - 110%	4.0	3.4	85%	90% - 110%								
Ca	5.72	5.9	103%	90% - 110%	0.907	0.952	105%	90% - 110%	4.01	4.07	102%	90% - 110%	10	10	98%	90% - 110%
Ce	122	122	100%	90% - 110%	98	100	102%	90% - 110%	24	20	85%	90% - 110%				
Co									22.1	20.9	95%	90% - 110%	191	178	93%	90% - 110%
Cr	12	10	86%	90% - 110%	60.3	66.3	110%	90% - 110%					670	698	104%	90% - 110%
Cu					150	152	101%	90% - 110%	88.6	84.6	95%	90% - 110%	7120	7397	104%	90% - 110%
Fe	4.34	4.32	99%	90% - 110%	3.77	3.95	105%	90% - 110%	7.56	7.68	102%	90% - 110%	12.71	12.66	100%	90% - 110%
Ga	35	35	100%	90% - 110%												
K	1.37	1.46	107%	90% - 110%					2.021	1.92	95%	90% - 110%	0.1021	0.115	112%	90% - 110%
La	58	57	98%	90% - 110%	44	43	97%	90% - 110%					8.47	8.26	98%	90% - 110%
Li	37	39	104%	90% - 110%	47	47	100%	90% - 110%								
Mg	0.325	0.314	97%	90% - 110%	1.10	1.14	103%	90% - 110%	2.412	2.54	105%	90% - 110%	7.41	7.94	107%	90% - 110%
Mn					780	800	103%	90% - 110%	1510	1497	99%	90% - 110%				
Mo					14	14	100%	90% - 110%								
Na	5.267	5.34	101%	90% - 110%	1.624	1.70	105%	90% - 110%	0.617	0.629	102%	90% - 110%	0.112	0.133	119%	90% - 110%
Ni					32	34	105%	90% - 110%	77.1	73.7	96%	90% - 110%	2480	2225	90%	90% - 110%
P					750	761	101%	90% - 110%	892	889	100%	90% - 110%	731	744	102%	90% - 110%
Pb					31	30	95%	90% - 110%								
S									0.348	0.356	102%	90% - 110%				
Sc	1.1	1.1	97%	90% - 110%	12	13	108%	90% - 110%					21.33	22.03	103%	90% - 110%
Sr	1191	1121	94%	90% - 110%	144	147	102%	90% - 110%	92.8	84.3	91%	90% - 110%	39	38	96%	90% - 110%
Ti	0.172	0.168	97%	90% - 110%	0.53	0.48	90%	90% - 110%					0.419	0.411	98%	90% - 110%
V	8	8	99%	90% - 110%	77	83	108%	90% - 110%					158	171	108%	90% - 110%
Y	119	130	110%	90% - 110%									12.67	13.53	107%	90% - 110%
Zn	93	97	104%	90% - 110%	130	127	98%	90% - 110%	208	217	104%	90% - 110%	112	122	109%	90% - 110%
Zr													35.7	37.5	105%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP7M)				CRM #3 (ref.1P5R)				CRM #4 (ref.GS4H)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.76	98%	90% - 110%	0.725	0.795	110%	90% - 110%	1.81	1.73	95%	90% - 110%	5.01	4.98	99%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19T523226

PROJECT: AGAT00792

ATTENTION TO: Craig Yuill

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00796

AGAT WORK ORDER: 19T525182

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Oct 16, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T525182

PROJECT: AGAT00796

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Sep 30, 2019      DATE RECEIVED: Oct 01, 2019      DATE REPORTED: Oct 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D70748 (578606)		2.34
D70749 (578607)		3.38
D70750 (578608)		2.73
D70751 (578609)		3.44
D70752 (578610)		.60
D70753 (578611)		3.44
D70754 (578612)		1.18
D70755 (578613)		.60
D70756 (578614)		1.53
D70757 (578615)		3.35
D70758 (578616)		3.35
D70759 (578617)		3.46
D70760 (578618)		3.33
D70761 (578619)		3.51
D70762 (578620)		2.69
D70763 (578621)		.95
D70764 (578622)		3.48
D70765 (578623)		3.62
D70766 (578624)		.10
D70767 (578625)		2.55
D70768 (578626)		.86
D70769 (578627)		1.63
D70770 (578628)		1.91
D70771 (578629)		2.18
D70772 (578630)		.65
D70773 (578631)		2.20
D70774 (578632)		2.19
D70775 (578633)		2.25
D70776 (578634)		2.31
D70777 (578635)		2.20
D70778 (578636)		2.20

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T525182

PROJECT: AGAT00796

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Sep 30, 2019

DATE RECEIVED: Oct 01, 2019

DATE REPORTED: Oct 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D70779 (578637)		2.20
D70780 (578638)		2.05
D70781 (578639)		2.56
D70782 (578640)		3.35
D70783 (578641)		3.43
D70784 (578642)		3.54
D70785 (578643)		1.93
D70786 (578644)		.10
D70787 (578645)		1.22
D70788 (578646)		2.86
D70789 (578647)		3.44
D70790 (578648)		1.30
D70791 (578649)		3.73
D70792 (578650)		.63
D70793 (578651)		3.81
D70794 (578652)		3.66
D70795 (578653)		3.69
D70796 (578654)		3.60
D70797 (578655)		3.66
D70798 (578656)		3.66
D70799 (578657)		2.46
D70800 (578658)		.78
D70801 (578659)		3.74
D70802 (578660)		1.71
D70803 (578661)		1.99
D70804 (578662)		2.82
D70805 (578663)		.92
D70806 (578664)		.10
D70807 (578665)		3.06
D70808 (578666)		2.59
D70809 (578667)		1.46

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T525182

PROJECT: AGAT00796

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Sep 30, 2019

DATE RECEIVED: Oct 01, 2019

DATE REPORTED: Oct 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D70810 (578668)		2.02
D70811 (578669)		132
D70812 (578670)		.63
D70813 (578671)		3.62
D70814 (578672)		2
D70815 (578673)		.76
D70816 (578674)		2.10
D70817 (578675)		1.49
D70818 (578676)		1.49
D70819 (578677)		3.62

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T525182

PROJECT: AGAT00796

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CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 30, 2019	DATE RECEIVED: Oct 01, 2019							DATE REPORTED: Oct 16, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D70748 (578606)	<0.5	8.19	<1	185	1.5	<1	4.83	<0.5	25	21.2	31.1	181	5.75	20	
D70749 (578607)	<0.5	8.79	<1	285	0.9	<1	5.07	<0.5	25	21.6	32.5	45.4	5.48	22	
D70750 (578608)	<0.5	8.90	<1	117	0.7	<1	5.65	<0.5	25	23.8	27.9	67.4	6.15	21	
D70751 (578609)	<0.5	8.83	<1	145	1.1	<1	5.53	<0.5	24	26.0	48.6	78.7	6.32	22	
D70752 (578610)	<0.5	0.07	<1	29	<0.5	<1	29.0	<0.5	<1	0.6	9.2	<0.5	0.17	<5	
D70753 (578611)	<0.5	8.40	<1	166	0.8	<1	4.82	<0.5	27	21.7	42.5	33.7	5.28	19	
D70754 (578612)	<0.5	8.31	<1	184	1.3	<1	3.81	<0.5	23	15.7	60.1	8.5	3.73	20	
D70755 (578613)	<0.5	7.91	2	206	1.6	<1	2.06	<0.5	6	4.6	20.3	88.8	1.01	21	
D70756 (578614)	<0.5	6.99	<1	325	1.4	<1	2.64	<0.5	47	7.5	34.7	66.4	3.31	18	
D70757 (578615)	<0.5	8.72	<1	196	1.7	<1	5.12	<0.5	21	23.9	43.5	26.5	5.56	21	
D70758 (578616)	<0.5	8.77	<1	196	1.7	<1	5.01	<0.5	21	22.7	43.3	26.4	5.45	21	
D70759 (578617)	<0.5	8.39	<1	372	1.2	<1	4.65	<0.5	56	25.3	115	42.0	4.88	20	
D70760 (578618)	<0.5	8.76	<1	227	1.0	<1	5.21	<0.5	28	24.0	93.5	8.2	5.22	19	
D70761 (578619)	<0.5	8.26	<1	223	0.9	<1	4.51	<0.5	25	21.6	32.6	30.8	5.13	20	
D70762 (578620)	<0.5	7.91	<1	85	0.9	<1	5.89	<0.5	15	33.2	78.7	103	9.01	24	
D70763 (578621)	<0.5	6.93	<1	126	3.2	<1	2.99	<0.5	7	10.5	27.2	3.0	2.71	20	
D70764 (578622)	<0.5	8.73	<1	198	1.1	<1	5.20	<0.5	25	22.6	28.0	42.8	5.56	21	
D70765 (578623)	<0.5	9.12	<1	108	0.8	<1	6.14	<0.5	19	26.4	25.6	32.4	6.36	21	
D70766 (578624)	<0.5	7.34	<1	183	0.8	<1	6.18	<0.5	20	36.6	161	99.2	7.64	19	
D70767 (578625)	<0.5	8.86	<1	205	0.9	<1	5.29	<0.5	20	23.8	33.1	30.6	5.68	21	
D70768 (578626)	<0.5	7.99	3	240	1.2	<1	2.67	<0.5	27	4.9	22.5	10.6	1.42	19	
D70769 (578627)	<0.5	8.72	<1	242	1.4	<1	4.47	<0.5	27	19.4	50.3	22.8	4.86	22	
D70770 (578628)	<0.5	8.93	<1	188	0.8	<1	4.58	<0.5	36	17.5	41.5	14.4	4.88	21	
D70771 (578629)	<0.5	8.06	<1	303	1.1	<1	2.97	<0.5	62	8.7	24.4	6.2	3.14	19	
D70772 (578630)	<0.5	0.08	<1	14	<0.5	<1	29.4	<0.5	<1	0.7	8.5	<0.5	0.16	<5	
D70773 (578631)	<0.5	7.97	2	332	1.1	<1	3.11	<0.5	55	9.6	24.6	23.3	3.65	20	
D70774 (578632)	<0.5	8.32	<1	369	1.1	<1	3.11	<0.5	35	9.0	37.6	30.3	3.55	20	
D70775 (578633)	<0.5	7.25	<1	374	1.0	<1	2.47	<0.5	62	7.1	34.1	19.5	3.28	17	
D70776 (578634)	<0.5	7.36	<1	372	1.0	<1	2.41	<0.5	58	6.7	25.8	8.4	3.03	17	
D70777 (578635)	<0.5	7.13	<1	329	1.2	<1	2.19	<0.5	42	5.5	25.2	<0.5	2.57	16	
D70778 (578636)	<0.5	7.20	<1	337	1.2	<1	2.26	<0.5	44	5.7	23.9	<0.5	2.63	17	
D70779 (578637)	<0.5	7.27	<1	358	1.2	<1	2.52	<0.5	53	7.6	26.7	8.4	3.20	17	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T525182

PROJECT: AGAT00796

5623 McADAM ROAD  
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CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 30, 2019	DATE RECEIVED: Oct 01, 2019							DATE REPORTED: Oct 16, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D70780 (578638)	<0.5	8.16	<1	242	1.7	<1	3.42	<0.5	38	10.1	25.0	4.4	3.90	19	
D70781 (578639)	<0.5	7.60	<1	291	2.0	<1	2.86	<0.5	51	8.9	32.0	20.5	3.53	18	
D70782 (578640)	<0.5	8.93	<1	148	0.6	<1	5.41	<0.5	25	24.0	20.9	36.6	6.08	22	
D70783 (578641)	<0.5	9.20	<1	118	0.8	<1	6.17	<0.5	25	28.4	37.3	50.6	6.51	22	
D70784 (578642)	<0.5	9.78	<1	103	0.6	<1	7.06	<0.5	21	30.5	29.7	55.3	7.34	23	
D70785 (578643)	<0.5	9.33	<1	81	0.6	<1	6.32	<0.5	19	27.3	19.8	29.5	6.68	21	
D70786 (578644)	<0.5	7.29	<1	144	0.6	<1	6.72	<0.5	9	38.7	205	154	8.09	18	
D70787 (578645)	<0.5	9.34	<1	144	4.1	<1	3.93	<0.5	16	21.1	19.6	105	5.37	31	
D70788 (578646)	<0.5	9.50	<1	71	0.6	<1	6.69	<0.5	16	28.9	25.1	30.5	6.97	22	
D70789 (578647)	<0.5	9.53	<1	80	0.8	<1	6.41	<0.5	17	29.7	25.8	30.8	6.80	22	
D70790 (578648)	<0.5	6.34	<1	89	0.8	<1	6.03	<0.5	18	43.6	578	53.8	10.3	19	
D70791 (578649)	<0.5	6.05	<1	87	1.7	<1	6.14	<0.5	22	43.2	926	3.3	8.53	13	
D70792 (578650)	<0.5	0.09	3	19	<0.5	<1	32.2	<0.5	<1	0.5	10.7	<0.5	0.15	<5	
D70793 (578651)	<0.5	6.88	<1	54	1.1	<1	5.81	<0.5	12	42.0	161	127	11.4	25	
D70794 (578652)	<0.5	6.96	<1	46	0.7	<1	5.86	<0.5	11	41.7	176	92.3	11.1	24	
D70795 (578653)	<0.5	7.22	<1	41	0.8	<1	6.03	<0.5	8	39.6	50.8	60.2	11.1	25	
D70796 (578654)	<0.5	6.65	<1	37	0.9	<1	5.75	<0.5	12	38.1	12.2	85.4	12.0	27	
D70797 (578655)	<0.5	7.05	<1	31	0.7	<1	6.36	<0.5	9	39.5	33.1	71.6	12.1	27	
D70798 (578656)	<0.5	7.28	<1	31	0.7	<1	6.43	<0.5	10	40.6	35.3	70.9	12.3	27	
D70799 (578657)	<0.5	6.82	<1	79	1.2	<1	5.77	<0.5	13	38.1	25.4	34.9	11.6	28	
D70800 (578658)	<0.5	7.82	<1	177	1.1	<1	4.36	<0.5	25	23.0	21.1	77.7	7.26	25	
D70801 (578659)	<0.5	6.97	<1	52	0.7	<1	6.15	<0.5	11	41.2	24.4	65.7	13.0	28	
D70802 (578660)	<0.5	6.89	<1	43	0.6	<1	5.88	<0.5	12	40.4	18.8	80.5	12.6	28	
D70803 (578661)	<0.5	7.28	<1	181	0.9	<1	5.79	<0.5	16	36.3	19.7	140	12.8	32	
D70804 (578662)	<0.5	8.80	<1	181	1.1	<1	5.92	<0.5	23	30.5	84.2	55.6	7.43	25	
D70805 (578663)	<0.5	7.47	<1	220	0.8	<1	3.84	<0.5	14	16.1	80.3	54.7	3.27	17	
D70806 (578664)	<0.5	7.64	<1	192	0.8	<1	6.26	<0.5	21	38.0	181	108	7.81	20	
D70807 (578665)	<0.5	8.20	<1	75	0.6	<1	6.72	<0.5	21	29.8	240	69.9	5.55	16	
D70808 (578666)	<0.5	7.82	<1	76	0.6	<1	6.45	<0.5	21	29.7	244	83.2	5.69	17	
D70809 (578667)	<0.5	7.38	<1	127	0.8	<1	5.88	<0.5	20	31.9	333	35.1	6.63	18	
D70810 (578668)	<0.5	8.45	<1	227	2.2	<1	3.04	<0.5	6	10.3	44.8	38.8	2.29	20	
D70811 (578669)	<0.5	8.96	<1	237	1.1	<1	5.15	<0.5	28	26.1	46.1	72.7	5.98	23	

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## Certificate of Analysis

AGAT WORK ORDER: 19T525182

PROJECT: AGAT00796

5623 McADAM ROAD  
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 CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 30, 2019	DATE RECEIVED: Oct 01, 2019							DATE REPORTED: Oct 16, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D70812 (578670)	<0.5	0.10	3	13	<0.5	<1	27.1	<0.5	<1	0.6	7.5	<0.5	0.18	<5	
D70813 (578671)	<0.5	9.23	<1	88	0.6	<1	6.09	<0.5	17	28.2	31.4	12.4	6.35	21	
D70814 (578672)	<0.5	9.05	<1	159	0.8	<1	5.75	<0.5	25	24.9	31.6	19.5	5.73	20	
D70815 (578673)	<0.5	7.47	<1	312	0.8	<1	3.02	<0.5	9	11.3	31.0	53.3	2.49	16	
D70816 (578674)	<0.5	8.95	<1	409	1.0	<1	4.86	<0.5	25	22.0	36.8	29.1	5.12	21	
D70817 (578675)	<0.5	8.09	<1	499	1.3	<1	3.11	<0.5	11	13.2	42.1	80.0	3.25	21	
D70818 (578676)	<0.5	8.19	<1	508	1.3	<1	3.07	<0.5	12	13.1	45.7	77.0	3.34	20	
D70819 (578677)	<0.5	9.16	<1	140	0.9	<1	6.44	<0.5	28	30.5	64.3	60.4	7.10	21	

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### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 30, 2019	DATE RECEIVED: Oct 01, 2019					DATE REPORTED: Oct 16, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	1	10	0.01	1	
D70748 (578606)	<1	0.82	11	21	1.82	818	6.3	2.75	39.3	1080	6	<10	0.41	<1	
D70749 (578607)	<1	0.85	12	27	1.96	773	5.7	2.81	39.2	1160	<1	<10	0.07	<1	
D70750 (578608)	<1	0.56	11	17	2.19	879	5.6	2.87	40.8	1350	<1	<10	0.07	<1	
D70751 (578609)	<1	0.67	10	17	2.42	930	4.2	2.73	48.3	1180	2	<10	0.07	<1	
D70752 (578610)	<1	0.01	<2	1	1.52	99	1.8	0.04	1.8	69	<1	<10	0.03	<1	
D70753 (578611)	<1	0.74	12	20	2.19	801	5.2	2.79	50.2	773	2	<10	0.03	<1	
D70754 (578612)	<1	1.10	12	33	2.38	606	5.6	2.74	78.1	436	<1	21	0.01	<1	
D70755 (578613)	<1	0.66	3	11	0.28	129	6.5	3.78	17.6	129	13	<10	0.04	<1	
D70756 (578614)	<1	0.92	22	25	0.77	412	5.3	2.68	20.2	508	2	15	0.09	<1	
D70757 (578615)	<1	0.92	9	28	2.45	946	5.0	2.72	61.7	822	3	11	0.04	<1	
D70758 (578616)	<1	0.94	9	29	2.41	920	5.0	2.75	60.5	784	2	11	0.04	<1	
D70759 (578617)	<1	1.34	26	32	3.47	787	4.7	2.71	133	1070	4	19	0.08	<1	
D70760 (578618)	<1	0.84	13	28	2.41	796	3.9	2.91	61.3	496	1	<10	0.02	<1	
D70761 (578619)	<1	0.83	12	25	1.95	761	4.1	2.76	42.4	467	3	<10	0.06	<1	
D70762 (578620)	<1	0.73	6	19	3.26	1460	5.1	2.26	48.0	668	4	<10	0.20	<1	
D70763 (578621)	<1	0.75	3	17	0.94	437	5.8	2.72	22.9	372	8	10	0.02	<1	
D70764 (578622)	<1	0.82	12	20	2.09	842	5.8	2.99	43.3	893	2	<10	0.08	<1	
D70765 (578623)	<1	0.67	9	17	2.51	926	4.3	3.06	51.4	1080	2	<10	0.06	<1	
D70766 (578624)	<1	0.43	9	10	4.33	1270	1.7	2.38	106	816	3	<10	0.09	<1	
D70767 (578625)	<1	0.86	9	25	2.24	886	4.5	2.98	45.8	1060	3	<10	0.07	<1	
D70768 (578626)	<1	0.76	13	19	0.47	168	5.3	3.44	11.2	300	2	<10	0.03	<1	
D70769 (578627)	<1	0.97	12	28	1.92	805	6.1	3.09	51.9	846	4	<10	0.06	<1	
D70770 (578628)	<1	0.76	17	21	1.71	730	4.2	3.28	36.4	1290	1	<10	0.05	<1	
D70771 (578629)	<1	0.86	29	25	0.76	412	5.0	3.19	11.8	684	3	<10	0.03	<1	
D70772 (578630)	<1	0.02	2	1	2.80	119	1.9	0.04	1.4	76	<1	<10	0.02	<1	
D70773 (578631)	<1	0.93	27	24	0.89	537	4.5	3.21	14.0	813	2	<10	0.07	<1	
D70774 (578632)	<1	0.93	17	22	0.83	510	6.7	3.51	13.2	783	<1	<10	0.09	<1	
D70775 (578633)	<1	0.85	28	22	0.70	437	7.7	2.96	13.4	571	<1	<10	0.08	<1	
D70776 (578634)	<1	0.85	27	22	0.64	406	5.3	3.17	10.3	508	1	<10	0.05	<1	
D70777 (578635)	<1	0.83	20	17	0.50	324	5.6	3.15	8.4	420	<1	<10	0.01	<1	
D70778 (578636)	<1	0.84	21	17	0.51	331	5.2	3.21	7.9	436	1	<10	0.01	<1	
D70779 (578637)	<1	0.89	24	16	0.67	432	5.2	3.00	11.0	570	1	<10	0.04	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 30, 2019	DATE RECEIVED: Oct 01, 2019					DATE REPORTED: Oct 16, 2019					SAMPLE TYPE: Drill Core				
Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 1	Rb ppm 10	S % 0.01	Sb ppm 1	
Sample ID (AGAT ID)															
D70780 (578638)	<1	0.93	18	15	0.86	642	4.9	3.70	13.5	829	<1	<10	0.03	<1	
D70781 (578639)	<1	1.38	23	17	0.85	481	4.9	3.04	16.0	586	<1	10	0.09	<1	
D70782 (578640)	<1	0.58	11	20	2.13	897	3.4	3.04	39.2	1380	<1	<10	0.08	<1	
D70783 (578641)	<1	0.61	11	22	2.74	1020	3.7	2.81	64.3	1280	2	<10	0.07	<1	
D70784 (578642)	<1	0.40	9	18	2.88	1040	3.3	2.86	57.5	1420	1	<10	0.07	<1	
D70785 (578643)	<1	0.43	8	16	2.57	991	3.0	2.75	48.1	1320	<1	<10	0.04	<1	
D70786 (578644)	<1	0.20	3	13	4.43	1350	1.4	2.38	86.4	403	4	<10	0.16	<1	
D70787 (578645)	<1	1.86	8	59	1.93	946	3.4	2.88	38.5	834	12	41	0.14	<1	
D70788 (578646)	<1	0.36	7	19	2.77	997	2.9	2.69	52.9	1260	<1	<10	0.04	<1	
D70789 (578647)	<1	0.39	7	18	2.73	998	3.1	2.75	52.7	1320	<1	<10	0.03	<1	
D70790 (578648)	<1	0.89	6	36	5.92	1600	3.4	1.54	177	769	5	<10	0.07	<1	
D70791 (578649)	<1	0.57	7	67	7.46	1560	2.6	1.78	296	980	4	<10	0.02	<1	
D70792 (578650)	<1	0.02	<2	1	1.66	116	1.7	0.04	1.5	85	<1	<10	0.03	<1	
D70793 (578651)	<1	0.31	4	18	3.57	1540	5.6	1.92	68.9	702	3	<10	0.18	<1	
D70794 (578652)	<1	0.21	4	19	3.81	1580	4.6	1.97	73.6	557	4	<10	0.15	<1	
D70795 (578653)	<1	0.29	3	19	3.18	1610	3.4	2.02	40.6	512	4	<10	0.11	<1	
D70796 (578654)	<1	0.19	4	15	2.62	1610	4.0	2.02	24.4	701	4	<10	0.12	<1	
D70797 (578655)	<1	0.15	3	15	2.97	1560	4.2	2.14	34.6	622	4	<10	0.08	<1	
D70798 (578656)	<1	0.15	3	15	3.09	1620	3.6	2.17	35.4	652	4	<10	0.07	<1	
D70799 (578657)	<1	0.28	4	18	2.66	1460	3.3	2.18	28.9	682	4	<10	0.04	<1	
D70800 (578658)	<1	0.18	12	14	1.69	941	4.2	3.31	17.8	499	3	<10	0.07	<1	
D70801 (578659)	<1	0.27	3	18	2.93	1740	4.1	2.08	32.2	728	4	<10	0.07	<1	
D70802 (578660)	<1	0.36	4	18	2.80	1690	5.4	1.92	27.8	731	5	<10	0.09	<1	
D70803 (578661)	<1	0.82	5	23	3.37	1610	5.9	1.93	28.7	963	6	<10	1.01	<1	
D70804 (578662)	<1	0.71	9	21	3.22	1040	4.5	2.69	71.7	1470	3	<10	0.27	<1	
D70805 (578663)	<1	0.72	6	22	1.89	490	6.4	2.44	43.6	868	3	<10	0.13	<1	
D70806 (578664)	<1	0.45	9	11	4.48	1320	2.1	2.44	108	882	2	<10	0.10	<1	
D70807 (578665)	<1	0.43	9	10	4.42	942	4.1	2.40	91.5	1660	3	<10	0.17	<1	
D70808 (578666)	<1	0.51	9	11	4.61	1050	4.5	2.31	97.9	1420	4	<10	0.16	<1	
D70809 (578667)	<1	0.85	8	22	4.41	1290	2.9	2.04	108	1220	6	<10	0.07	<1	
D70810 (578668)	<1	1.00	3	24	0.90	302	6.4	3.08	25.1	267	7	16	0.09	<1	
D70811 (578669)	<1	1.12	12	21	2.54	940	5.0	2.70	60.9	1180	5	15	0.20	<1	

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AGAT WORK ORDER: 19T525182

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 30, 2019	DATE RECEIVED: Oct 01, 2019				DATE REPORTED: Oct 16, 2019				SAMPLE TYPE: Drill Core						
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	1	10	0.01	1
D70812 (578670)	<1	0.02	2	1	4.30	136	1.7	0.05	1.5	70	<1	<10	0.04	<1	
D70813 (578671)	<1	0.60	7	13	2.66	950	5.0	2.76	55.0	1030	3	<10	0.04	<1	
D70814 (578672)	<1	0.77	11	18	2.41	870	5.0	2.82	49.4	913	4	<10	0.05	<1	
D70815 (578673)	<1	0.95	4	22	0.87	273	6.0	2.66	21.7	390	2	14	0.10	<1	
D70816 (578674)	<1	1.12	12	22	2.02	745	6.1	2.84	43.6	742	3	11	0.05	<1	
D70817 (578675)	<1	2.05	6	29	1.11	353	6.4	2.79	25.6	363	3	22	0.07	<1	
D70818 (578676)	<1	2.09	6	31	1.13	354	7.0	2.80	26.7	344	2	22	0.07	<1	
D70819 (578677)	<1	0.77	12	18	3.06	1020	3.5	2.70	78.5	1190	3	<10	0.08	<1	

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### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 30, 2019

DATE RECEIVED: Oct 01, 2019

DATE REPORTED: Oct 16, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	5	0.5	1	1	0.5
D70748 (578606)	18	<10	<5	224	<10	<10	<5	0.57	<5	<5	174	<1	15	65.7
D70749 (578607)	19	<10	<5	292	<10	<10	<5	0.60	<5	<5	184	<1	14	71.7
D70750 (578608)	21	<10	<5	303	<10	<10	<5	0.67	<5	<5	203	<1	18	69.4
D70751 (578609)	24	<10	<5	309	<10	<10	<5	0.62	<5	<5	219	<1	19	75.9
D70752 (578610)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<5	1.4	<1	2	2.0
D70753 (578611)	20	<10	<5	248	<10	<10	<5	0.52	<5	<5	179	<1	16	67.6
D70754 (578612)	13	<10	<5	219	<10	<10	<5	0.28	<5	<5	93.2	<1	9	65.7
D70755 (578613)	2	<10	<5	219	<10	<10	<5	0.06	<5	<5	16.8	<1	2	21.8
D70756 (578614)	9	<10	<5	215	<10	<10	<5	0.34	<5	<5	50.1	<1	14	55.0
D70757 (578615)	21	<10	<5	235	<10	<10	<5	0.52	<5	<5	193	<1	25	74.1
D70758 (578616)	20	<10	<5	237	<10	<10	<5	0.51	<5	<5	185	<1	24	72.6
D70759 (578617)	18	<10	<5	537	<10	<10	<5	0.45	<5	<5	157	<1	16	76.1
D70760 (578618)	21	<10	<5	260	<10	<10	<5	0.46	<5	<5	209	<1	17	68.6
D70761 (578619)	19	<10	<5	249	<10	<10	<5	0.47	<5	<5	197	<1	15	68.1
D70762 (578620)	38	<10	<5	148	<10	<10	<5	0.86	<5	13	280	<1	27	104
D70763 (578621)	10	<10	<5	183	<10	<10	<5	0.28	<5	<5	93.3	<1	7	43.6
D70764 (578622)	21	<10	<5	294	<10	<10	<5	0.60	<5	<5	210	<1	15	78.9
D70765 (578623)	24	<10	<5	263	<10	<10	<5	0.69	<5	<5	243	<1	15	80.3
D70766 (578624)	34	<10	<5	244	<10	<10	<5	0.84	<5	6	239	<1	22	89.2
D70767 (578625)	22	<10	<5	282	<10	<10	<5	0.61	<5	<5	216	<1	16	85.2
D70768 (578626)	4	<10	<5	313	<10	<10	<5	0.14	<5	<5	36.4	<1	3	29.4
D70769 (578627)	17	<10	<5	287	<10	<10	<5	0.49	<5	<5	162	<1	16	83.3
D70770 (578628)	15	<10	<5	300	<10	<10	<5	0.43	<5	<5	106	<1	19	70.4
D70771 (578629)	9	<10	<5	227	<10	<10	<5	0.29	<5	<5	55.6	<1	18	47.9
D70772 (578630)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<5	1.4	<1	2	1.8
D70773 (578631)	11	<10	<5	205	<10	<10	<5	0.36	<5	<5	61.9	<1	20	58.0
D70774 (578632)	10	<10	<5	215	<10	<10	<5	0.35	<5	<5	54.8	<1	21	49.9
D70775 (578633)	11	<10	<5	175	<10	<10	<5	0.33	<5	<5	50.6	<1	31	46.2
D70776 (578634)	10	<10	<5	175	<10	<10	<5	0.31	<5	<5	46.6	<1	26	42.3
D70777 (578635)	8	<10	<5	170	<10	<10	<5	0.25	<5	<5	33.9	<1	18	36.5
D70778 (578636)	8	<10	<5	174	<10	<10	<5	0.26	<5	<5	35.5	<1	19	37.1
D70779 (578637)	10	<10	<5	174	<10	<10	<5	0.31	<5	<5	50.0	<1	25	49.4

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ATTENTION TO: Craig Yuill

## (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 30, 2019	DATE RECEIVED: Oct 01, 2019					DATE REPORTED: Oct 16, 2019					SAMPLE TYPE: Drill Core				
Analyte: Unit: RDL:	Sc ppm 1	Se ppm 10	Sn ppm 5	Sr ppm 1	Ta ppm 10	Te ppm 10	Th ppm 5	Ti % 0.01	Tl ppm 5	U ppm 5	V ppm 0.5	W ppm 1	Y ppm 1	Zn ppm 0.5	
D70780 (578638)	15	<10	<5	203	<10	<10	<5	0.36	<5	<5	69.0	<1	28	57.7	
D70781 (578639)	13	<10	<5	198	<10	<10	<5	0.35	<5	<5	72.9	<1	24	48.8	
D70782 (578640)	22	<10	<5	284	<10	<10	<5	0.75	<5	<5	199	<1	17	81.4	
D70783 (578641)	24	<10	<5	292	<10	<10	<5	0.70	<5	<5	237	<1	16	85.6	
D70784 (578642)	25	<10	<5	376	<10	<10	<5	0.79	<5	<5	258	<1	14	92.5	
D70785 (578643)	24	<10	<5	265	<10	<10	<5	0.77	<5	<5	242	<1	15	86.9	
D70786 (578644)	46	<10	<5	112	<10	<10	<5	0.69	<5	11	310	<1	22	81.4	
D70787 (578645)	19	<10	<5	193	<10	<10	<5	0.58	<5	5	191	<1	11	84.7	
D70788 (578646)	25	<10	<5	255	<10	<10	<5	0.74	<5	6	260	<1	14	87.4	
D70789 (578647)	26	<10	<5	254	<10	<10	<5	0.76	<5	5	264	<1	15	82.7	
D70790 (578648)	46	<10	<5	82	<10	<10	<5	0.76	<5	12	331	<1	28	110	
D70791 (578649)	38	<10	<5	133	<10	<10	<5	0.29	<5	5	190	<1	22	103	
D70792 (578650)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<5	1.9	<1	2	2.4	
D70793 (578651)	44	<10	<5	148	<10	<10	<5	1.06	<5	17	390	<1	32	89.0	
D70794 (578652)	44	<10	<5	133	<10	<10	<5	1.01	<5	21	382	<1	28	98.9	
D70795 (578653)	44	<10	<5	110	<10	<10	<5	1.05	<5	20	399	<1	29	111	
D70796 (578654)	46	<10	<5	108	<10	<10	<5	1.14	<5	20	398	<1	36	102	
D70797 (578655)	46	<10	<5	108	<10	<10	<5	1.17	<5	22	416	<1	34	91.7	
D70798 (578656)	47	<10	<5	107	<10	<10	<5	1.20	<5	20	432	<1	35	93.1	
D70799 (578657)	45	<10	<5	118	<10	<10	<5	1.10	<5	19	402	<1	35	102	
D70800 (578658)	26	<10	<5	281	<10	<10	<5	0.73	<5	<5	226	<1	21	77.5	
D70801 (578659)	48	<10	<5	114	<10	<10	<5	1.24	<5	21	434	<1	36	128	
D70802 (578660)	47	<10	<5	123	<10	<10	<5	1.20	<5	23	430	<1	37	128	
D70803 (578661)	50	<10	<5	181	<10	<10	<5	1.40	<5	21	425	<1	44	137	
D70804 (578662)	27	<10	<5	397	<10	<10	<5	0.72	<5	<5	298	<1	19	93.0	
D70805 (578663)	12	<10	<5	494	<10	<10	<5	0.26	<5	<5	91.5	<1	9	42.1	
D70806 (578664)	35	<10	<5	248	<10	<10	<5	0.87	<5	6	246	<1	23	90.5	
D70807 (578665)	27	<10	<5	637	<10	<10	<5	0.43	<5	<5	180	<1	16	67.0	
D70808 (578666)	28	<10	<5	438	<10	<10	<5	0.37	<5	<5	122	<1	18	77.1	
D70809 (578667)	31	<10	<5	249	<10	<10	<5	0.40	<5	5	141	<1	20	98.1	
D70810 (578668)	6	<10	<5	332	<10	<10	<5	0.21	<5	<5	55.2	<1	4	35.9	
D70811 (578669)	23	<10	<5	342	<10	<10	<5	0.61	<5	<5	204	<1	20	79.4	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T525182

PROJECT: AGAT00796

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TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 30, 2019	DATE RECEIVED: Oct 01, 2019					DATE REPORTED: Oct 16, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	5	0.5	1	1	0.5	
D70812 (578670)	<1	<10	<5	59	<10	<10	<5	<0.01	<5	<5	2.0	<1	2	1.9	
D70813 (578671)	24	<10	<5	263	<10	<10	<5	0.65	<5	<5	261	<1	12	72.0	
D70814 (578672)	22	<10	<5	310	<10	<10	<5	0.56	<5	<5	218	<1	14	68.0	
D70815 (578673)	6	<10	<5	275	<10	<10	<5	0.25	<5	<5	73.7	<1	3	37.1	
D70816 (578674)	18	<10	<5	337	<10	<10	<5	0.48	<5	<5	190	<1	10	73.4	
D70817 (578675)	8	<10	<5	293	<10	<10	<5	0.31	<5	<5	103	<1	3	55.0	
D70818 (578676)	8	<10	<5	297	<10	<10	<5	0.32	<5	<5	103	<1	3	56.4	
D70819 (578677)	24	<10	<5	307	<10	<10	<5	0.63	<5	<5	238	<1	14	91.3	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 30, 2019      DATE RECEIVED: Oct 01, 2019      DATE REPORTED: Oct 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D70748 (578606)				40
D70749 (578607)				33
D70750 (578608)				27
D70751 (578609)				33
D70752 (578610)				<5
D70753 (578611)				46
D70754 (578612)				43
D70755 (578613)				24
D70756 (578614)				94
D70757 (578615)				43
D70758 (578616)				38
D70759 (578617)				76
D70760 (578618)				36
D70761 (578619)				46
D70762 (578620)				27
D70763 (578621)				26
D70764 (578622)				42
D70765 (578623)				16
D70766 (578624)				85
D70767 (578625)				22
D70768 (578626)				67
D70769 (578627)				61
D70770 (578628)				44
D70771 (578629)				68
D70772 (578630)				<5
D70773 (578631)				45
D70774 (578632)				52
D70775 (578633)				92
D70776 (578634)				95
D70777 (578635)				105
D70778 (578636)				104
D70779 (578637)				75

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AGAT WORK ORDER: 19T525182

PROJECT: AGAT00796

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 30, 2019      DATE RECEIVED: Oct 01, 2019      DATE REPORTED: Oct 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D70780 (578638)				36
D70781 (578639)				64
D70782 (578640)				26
D70783 (578641)				31
D70784 (578642)				13
D70785 (578643)				23
D70786 (578644)				52
D70787 (578645)				19
D70788 (578646)				14
D70789 (578647)				14
D70790 (578648)				26
D70791 (578649)				25
D70792 (578650)				<5
D70793 (578651)				18
D70794 (578652)				19
D70795 (578653)				19
D70796 (578654)				14
D70797 (578655)				17
D70798 (578656)				16
D70799 (578657)				23
D70800 (578658)				62
D70801 (578659)				16
D70802 (578660)				13
D70803 (578661)				32
D70804 (578662)				27
D70805 (578663)				26
D70806 (578664)				92
D70807 (578665)				16
D70808 (578666)				26
D70809 (578667)				26
D70810 (578668)				63
D70811 (578669)				49

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## Certificate of Analysis

AGAT WORK ORDER: 19T525182

PROJECT: AGAT00796

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 30, 2019	DATE RECEIVED: Oct 01, 2019	DATE REPORTED: Oct 16, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D70812 (578670)			<5
D70813 (578671)			20
D70814 (578672)			37
D70815 (578673)			37
D70816 (578674)			39
D70817 (578675)			40
D70818 (578676)			43
D70819 (578677)			31

Comments: RDL - Reported Detection Limit  
 578606-578677 As, Sb values may be low due to digestion losses.  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T525182

PROJECT: AGAT00796

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 30, 2019

DATE RECEIVED: Oct 01, 2019

DATE REPORTED: Oct 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D70748 (578606)			0.018
D70749 (578607)			0.005
D70750 (578608)			0.007
D70751 (578609)			0.006
D70752 (578610)			0.008
D70753 (578611)			0.006
D70754 (578612)			0.005
D70755 (578613)			0.008
D70756 (578614)			0.005
D70757 (578615)			0.009
D70758 (578616)			0.005
D70759 (578617)			0.004
D70760 (578618)			0.005
D70761 (578619)			0.005
D70762 (578620)			0.006
D70763 (578621)			0.003
D70764 (578622)			0.004
D70765 (578623)			0.003
D70766 (578624)			0.329
D70767 (578625)			0.004
D70768 (578626)			0.003
D70769 (578627)			0.003
D70770 (578628)			0.003
D70771 (578629)			0.006
D70772 (578630)			0.003
D70773 (578631)			0.003
D70774 (578632)			0.005
D70775 (578633)			0.004
D70776 (578634)			0.004
D70777 (578635)			0.005
D70778 (578636)			0.003
D70779 (578637)			0.003

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T525182

PROJECT: AGAT00796

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 30, 2019

DATE RECEIVED: Oct 01, 2019

DATE REPORTED: Oct 16, 2019

SAMPLE TYPE: Drill Core

Analyte:	Au
Unit:	ppm
RDL:	0.001

Sample ID (AGAT ID)	RDL
D70780 (578638)	0.007
D70781 (578639)	0.003
D70782 (578640)	0.009
D70783 (578641)	0.005
D70784 (578642)	0.004
D70785 (578643)	0.004
D70786 (578644)	0.523
D70787 (578645)	0.008
D70788 (578646)	0.006
D70789 (578647)	0.010
D70790 (578648)	0.006
D70791 (578649)	0.004
D70792 (578650)	0.002
D70793 (578651)	0.081
D70794 (578652)	0.017
D70795 (578653)	0.006
D70796 (578654)	0.003
D70797 (578655)	0.013
D70798 (578656)	0.006
D70799 (578657)	0.013
D70800 (578658)	0.006
D70801 (578659)	0.283
D70802 (578660)	0.036
D70803 (578661)	0.020
D70804 (578662)	0.011
D70805 (578663)	0.008
D70806 (578664)	0.330
D70807 (578665)	0.005
D70808 (578666)	0.005
D70809 (578667)	0.004
D70810 (578668)	0.005
D70811 (578669)	0.007

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## Certificate of Analysis

AGAT WORK ORDER: 19T525182

PROJECT: AGAT00796

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 30, 2019      DATE RECEIVED: Oct 01, 2019      DATE REPORTED: Oct 16, 2019      SAMPLE TYPE: Drill Core

Analyte:	Unit:	RDL:
Au	ppm	0.001
Sample ID (AGAT ID)		
D70812 (578670)		0.002
D70813 (578671)		0.004
D70814 (578672)		0.003
D70815 (578673)		0.004
D70816 (578674)		0.004
D70817 (578675)		0.005
D70818 (578676)		0.005
D70819 (578677)		0.003

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T525182

PROJECT: AGAT00796

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Sep 30, 2019

DATE RECEIVED: Oct 01, 2019

DATE REPORTED: Oct 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D70748 (578606)		84
D70768 (578626)		81
D70789 (578647)		87
D70791 (578649)		87
D70811 (578669)		89

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T525182

PROJECT: AGAT00796

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Sep 30, 2019	DATE RECEIVED: Oct 01, 2019	DATE REPORTED: Oct 16, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D70748 (578606)		95
D70773 (578631)		94
D70801 (578659)		94

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	578606	< 0.5	< 0.5	0.0%	578621	< 0.5	< 0.5	0.0%	578631	< 0.5	< 0.5	0.0%	578646	< 0.5	< 0.5	0.0%
Al	578606	8.19	8.45	3.1%	578621	6.93	7.02	1.3%	578631	7.97	8.37	4.9%	578646	9.50	9.28	2.3%
As	578606	< 1	< 1	0.0%	578621	< 1	< 1	0.0%	578631	2	< 1		578646	< 1	< 1	0.0%
Ba	578606	185	196	5.8%	578621	126	126	0.0%	578631	332	336	1.2%	578646	71	67	5.8%
Be	578606	1.51	1.57	3.9%	578621	3.24	3.32	2.4%	578631	1.1	1.2	8.7%	578646	0.56	0.54	3.6%
Bi	578606	< 1	< 1	0.0%	578621	< 1	< 1	0.0%	578631	< 1	< 1	0.0%	578646	< 1	< 1	0.0%
Ca	578606	4.83	4.98	3.1%	578621	2.99	3.01	0.7%	578631	3.11	3.26	4.7%	578646	6.69	6.42	4.1%
Cd	578606	< 0.5	< 0.5	0.0%	578621	< 0.5	< 0.5	0.0%	578631	< 0.5	< 0.5	0.0%	578646	< 0.5	< 0.5	0.0%
Ce	578606	25	25	0.0%	578621	7	7	0.0%	578631	55	62	12.0%	578646	16	16	0.0%
Co	578606	21.2	22.2	4.6%	578621	10.5	10.1	3.9%	578631	9.63	10.2	5.7%	578646	28.9	28.3	2.1%
Cr	578606	31.1	32.4	4.1%	578621	27.2	26.2	3.7%	578631	24.6	30.3	20.8%	578646	25.1	24.5	2.4%
Cu	578606	181	206	12.9%	578621	3.0	3.1	3.3%	578631	23.3	24.0	3.0%	578646	30.5	30.6	0.3%
Fe	578606	5.75	6.05	5.1%	578621	2.71	2.73	0.7%	578631	3.65	3.85	5.3%	578646	6.97	6.70	4.0%
Ga	578606	20	21	4.9%	578621	20	19	5.1%	578631	20	21	4.9%	578646	22	22	0.0%
In	578606	< 1	< 1	0.0%	578621	< 1	< 1	0.0%	578631	< 1	< 1	0.0%	578646	< 1	< 1	0.0%
K	578606	0.82	0.85	3.6%	578621	0.751	0.759	1.1%	578631	0.931	0.965	3.6%	578646	0.363	0.354	2.5%
La	578606	11	12	8.7%	578621	3	3	0.0%	578631	27	30	10.5%	578646	7	7	0.0%
Li	578606	21	22	4.7%	578621	17	17	0.0%	578631	24	24	0.0%	578646	19	18	5.4%
Mg	578606	1.82	1.89	3.8%	578621	0.94	0.95	1.1%	578631	0.888	0.936	5.3%	578646	2.77	2.67	3.7%
Mn	578606	818	856	4.5%	578621	437	441	0.9%	578631	537	575	6.8%	578646	997	965	3.3%
Mo	578606	6.3	7.3	14.7%	578621	5.8	5.1	12.8%	578631	4.53	5.08	11.4%	578646	2.9	2.8	3.5%
Na	578606	2.75	2.85	3.6%	578621	2.72	2.73	0.4%	578631	3.21	3.33	3.7%	578646	2.69	2.66	1.1%
Ni	578606	39.3	41.8	6.2%	578621	22.9	19.7	15.0%	578631	14.0	16.5	16.4%	578646	52.9	51.7	2.3%
P	578606	1080	1140	5.4%	578621	372	360	3.3%	578631	813	899	10.0%	578646	1260	1220	3.2%
Pb	578606	6	8	28.6%	578621	8	8	0.0%	578631	2	3		578646	< 1	1	
Rb	578606	< 10	< 10	0.0%	578621	10	10	0.0%	578631	< 10	< 10	0.0%	578646	< 10	< 10	0.0%
S	578606	0.41	0.44	7.1%	578621	0.016	0.015	6.5%	578631	0.075	0.081	7.7%	578646	0.04	0.04	0.0%
Sb	578606	< 1	< 1	0.0%	578621	< 1	< 1	0.0%	578631	< 1	< 1	0.0%	578646	< 1	< 1	0.0%
Sc	578606	18	19	5.4%	578621	10	10	0.0%	578631	11	12	8.7%	578646	25	24	4.1%
Se	578606	< 10	< 10	0.0%	578621	< 10	< 10	0.0%	578631	< 10	< 10	0.0%	578646	< 10	< 10	0.0%
Sn	578606	< 5	< 5	0.0%	578621	< 5	< 5	0.0%	578631	< 5	< 5	0.0%	578646	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	578606	224	233	3.9%	578621	183	185	1.1%	578631	205	213	3.8%	578646	255	250	2.0%
Ta	578606	< 10	< 10	0.0%	578621	< 10	< 10	0.0%	578631	< 10	< 10	0.0%	578646	< 10	< 10	0.0%
Te	578606	< 10	< 10	0.0%	578621	< 10	< 10	0.0%	578631	< 10	< 10	0.0%	578646	< 10	< 10	0.0%
Th	578606	< 5	< 5	0.0%	578621	< 5	< 5	0.0%	578631	< 5	< 5	0.0%	578646	< 5	< 5	0.0%
Ti	578606	0.571	0.597	4.5%	578621	0.28	0.28	0.0%	578631	0.36	0.37	2.7%	578646	0.735	0.717	2.5%
Tl	578606	< 5	< 5	0.0%	578621	< 5	< 5	0.0%	578631	< 5	< 5	0.0%	578646	< 5	< 5	0.0%
U	578606	< 5	8		578621	< 5	< 5	0.0%	578631	< 5	< 5	0.0%	578646	6	5	18.2%
V	578606	174	184	5.6%	578621	93.3	90.6	2.9%	578631	61.9	65.0	4.9%	578646	260	254	2.3%
W	578606	< 1	< 1	0.0%	578621	< 1	< 1	0.0%	578631	< 1	< 1	0.0%	578646	< 1	< 1	0.0%
Y	578606	15	16	6.5%	578621	7	7	0.0%	578631	20	22	9.5%	578646	14	14	0.0%
Zn	578606	65.7	68.4	4.0%	578621	43.6	43.2	0.9%	578631	58.0	59.6	2.7%	578646	87.4	83.0	5.2%
Zr	578606	40	40	0.0%	578621	26	24	8.0%	578631	45	48	6.5%	578646	14	14	0.0%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	578657	< 0.5	< 0.5	0.0%	578672	< 0.5	< 0.5	0.0%								
Al	578657	6.82	7.00	2.6%	578672	9.05	9.12	0.8%								
As	578657	< 1	< 1	0.0%	578672	< 1	< 1	0.0%								
Ba	578657	79	78	1.3%	578672	159	161	1.3%								
Be	578657	1.2	1.3	8.0%	578672	0.8	0.8	0.0%								
Bi	578657	< 1	< 1	0.0%	578672	< 1	< 1	0.0%								
Ca	578657	5.77	6.13	6.1%	578672	5.75	5.93	3.1%								
Cd	578657	< 0.5	< 0.5	0.0%	578672	< 0.5	< 0.5	0.0%								
Ce	578657	13	12	8.0%	578672	25	24	4.1%								
Co	578657	38.1	38.3	0.5%	578672	24.9	26.1	4.7%								
Cr	578657	25.4	21.7	15.7%	578672	31.6	30.9	2.2%								
Cu	578657	34.9	29.4	17.1%	578672	19.5	18.9	3.1%								
Fe	578657	11.6	12.4	6.7%	578672	5.73	5.95	3.8%								
Ga	578657	28	28	0.0%	578672	20	21	4.9%								
In	578657	< 1	< 1	0.0%	578672	< 1	< 1	0.0%								
K	578657	0.284	0.297	4.5%	578672	0.765	0.753	1.6%								
La	578657	4	4	0.0%	578672	11	10	9.5%								
Li	578657	18	19	5.4%	578672	18	17	5.7%								
Mg	578657	2.66	2.77	4.1%	578672	2.41	2.49	3.3%								
Mn	578657	1460	1530	4.7%	578672	870	904	3.8%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	578657	3.3	3.5	5.9%	578672	5.0	4.6	8.3%								
Na	578657	2.18	2.28	4.5%	578672	2.82	2.73	3.2%								
Ni	578657	28.9	28.1	2.8%	578672	49.4	50.2	1.6%								
P	578657	682	714	4.6%	578672	913	948	3.8%								
Pb	578657	4	4	0.0%	578672	4	4	0.0%								
Rb	578657	< 10	< 10	0.0%	578672	< 10	< 10	0.0%								
S	578657	0.04	0.04	0.0%	578672	0.054	0.061	12.2%								
Sb	578657	< 1	< 1	0.0%	578672	< 1	< 1	0.0%								
Sc	578657	45	47	4.3%	578672	22	22	0.0%								
Se	578657	< 10	< 10	0.0%	578672	< 10	< 10	0.0%								
Sn	578657	< 5	< 5	0.0%	578672	< 5	< 5	0.0%								
Sr	578657	118	119	0.8%	578672	310	305	1.6%								
Ta	578657	< 10	< 10	0.0%	578672	< 10	< 10	0.0%								
Te	578657	< 10	< 10	0.0%	578672	< 10	< 10	0.0%								
Th	578657	< 5	< 5	0.0%	578672	< 5	< 5	0.0%								
Ti	578657	1.10	1.19	7.9%	578672	0.56	0.56	0.0%								
Tl	578657	< 5	< 5	0.0%	578672	< 5	< 5	0.0%								
U	578657	19	19	0.0%	578672	< 5	< 5	0.0%								
V	578657	402	419	4.1%	578672	218	223	2.3%								
W	578657	< 1	< 1	0.0%	578672	< 1	< 1	0.0%								
Y	578657	35	37	5.6%	578672	14	14	0.0%								
Zn	578657	102	105	2.9%	578672	68.0	73.5	7.8%								
Zr	578657	23	25	8.3%	578672	37	39	5.3%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	578621	0.003	0.003	11.1%	578631	0.003	0.009	100.0%	578646	0.006	0.014	80.0%	578672	0.003	0.004	36.0%
Parameter	REPLICATE #5															
	Sample ID	Original	Replicate	RPD												
Au	578693	0.004	0.009	70.9%												



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (GSP7M)				CRM #2 (GS6F)				CRM #3 (GS4H)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	3.06	101%	90% - 110%
Al	10.95	10.91	100%	90% - 110%	8.17	8.42	103%	90% - 110%	6.96	6.99	100%	90% - 110%	4.75	4.93	104%	90% - 110%
As					26	26	101%	90% - 110%	124	136	109%	90% - 110%				
Ba	340	331	97%	90% - 110%	540	515	95%	90% - 110%	186	187	100%	90% - 110%	216	219	101%	90% - 110%
Be	2.6	2.8	107%	90% - 110%	4.0	3.7	91%	90% - 110%								
Ca	5.72	5.55	97%	90% - 110%	0.907	0.891	98%	90% - 110%	4.01	3.87	96%	90% - 110%	10	9	94%	90% - 110%
Ce	122	114	94%	90% - 110%	98	97	99%	90% - 110%	24	23	94%	90% - 110%				
Co									22.1	20.8	94%	90% - 110%	191	175	92%	90% - 110%
Cr					60.3	62.1	103%	90% - 110%					670	627	94%	90% - 110%
Cu					150	149	99%	90% - 110%	88.6	84.3	95%	90% - 110%	7120	7148	100%	90% - 110%
Fe	4.34	4.07	94%	90% - 110%	3.77	3.77	100%	90% - 110%	7.56	7.42	98%	90% - 110%	12.71	12.25	96%	90% - 110%
Ga	35	37	105%	90% - 110%												
K	1.37	1.47	107%	90% - 110%					2.021	2.08	103%	90% - 110%	0.1021	0.1058	104%	90% - 110%
La	58	56	96%	90% - 110%	44	42	96%	90% - 110%					8.47	7.82	92%	90% - 110%
Li	37	38	102%	90% - 110%	47	46	99%	90% - 110%								
Mg	0.325	0.306	94%	90% - 110%	1.10	1.1	100%	90% - 110%	2.412	2.491	103%	90% - 110%	7.41	7.67	104%	90% - 110%
Mn					780	753	97%	90% - 110%	1510	1435	95%	90% - 110%				
Mo					14	14	97%	90% - 110%								
Na	5.267	5.655	107%	90% - 110%	1.624	1.748	108%	90% - 110%	0.617	0.634	103%	90% - 110%	0.112	0.123	110%	90% - 110%
Ni					32	34	106%	90% - 110%	77.1	75.5	98%	90% - 110%	2480	2305	93%	90% - 110%
P					750	741	99%	90% - 110%	892	902	101%	90% - 110%	731	727	99%	90% - 110%
Pb					31	28	91%	90% - 110%								
S									0.348	0.356	102%	90% - 110%				
Sc	1.1	1.1	96%	90% - 110%	12	13	108%	90% - 110%					21.33	22.11	104%	90% - 110%
Sr	1191	1170	98%	90% - 110%	144	152	106%	90% - 110%	92.8	88.1	95%	90% - 110%	39	38	98%	90% - 110%
Ti	0.172	0.167	97%	90% - 110%	0.53	0.49	92%	90% - 110%					0.419	0.414	99%	90% - 110%
V	8	8	102%	90% - 110%	77	81	106%	90% - 110%					158	171	108%	90% - 110%
Y	119	128	107%	90% - 110%									12.67	13.43	106%	90% - 110%
Zn	93	94	101%	90% - 110%	130	126	97%	90% - 110%	208	221	106%	90% - 110%	112	121	108%	90% - 110%
Zr													35.7	37.3	104%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

	CRM #1 (GSP7M)				CRM #2 (GS6F)				CRM #3 (GS4H)				CRM #4 (1P5R)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.725	0.675	93%	90% - 110%	6.87	6.63	97%	90% - 110%	5.01	4.98	99%	90% - 110%	1.81	1.75	97%	90% - 110%
	CRM #5 (GSP7M)															
Parameter	Expect	Actual	Recovery	Limits												
Au	0.725	0.698	96%	90% - 110%												



## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00796  
 SAMPLING SITE:

AGAT WORK ORDER: 19T525182  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00797

AGAT WORK ORDER: 19T525183

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Oct 15, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T525183

PROJECT: AGAT00797

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Oct 01, 2019

DATE RECEIVED: Oct 01, 2019

DATE REPORTED: Oct 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
Z21827 (578678)		2.04
Z21828 (578679)		3.33
Z21829 (578680)		3.56
Z21830 (578681)		3.25
Z21831 (578682)		1.10
Z21832 (578683)		.61
Z21833 (578684)		2.33
Z21834 (578685)		2.25
Z21835 (578686)		2.27
Z21836 (578687)		2.15
Z21837 (578688)		2.18
Z21838 (578689)		2.18
Z21839 (578690)		2.19
Z21840 (578691)		2.26
Z21841 (578692)		2.20
Z21842 (578693)		2.23
Z21843 (578694)		2.34
Z21844 (578695)		1.27
Z21845 (578696)		1.25
Z21846 (578697)		.10
Z21847 (578698)		2.06
Z21848 (578699)		2.14
Z21849 (578700)		2.27
Z21850 (578701)		2.21
Z21851 (578702)		2.19
Z21852 (578703)		.71
Z21853 (578704)		2.20
Z21854 (578705)		2.15
Z21855 (578706)		2.12
Z21856 (578707)		2.16
Z21857 (578708)		2.10

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T525183

PROJECT: AGAT00797

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Oct 01, 2019

DATE RECEIVED: Oct 01, 2019

DATE REPORTED: Oct 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
Z21858 (578709)		2.10
Z21859 (578710)		.70
Z21860 (578711)		1.65
Z21861 (578712)		2.18
Z21862 (578713)		2.23
Z21863 (578714)		2.24
Z21864 (578715)		2.20
Z21865 (578716)		2.26
Z21866 (578717)		.10
Z21867 (578718)		2.19
Z21868 (578719)		2.24
Z21869 (578720)		3.53
Z21870 (578721)		2.73
Z21871 (578722)		.65
Z21872 (578723)		.64
Z21873 (578724)		2
Z21874 (578725)		2.27
Z21875 (578726)		2.28
Z21876 (578727)		2.25
Z21877 (578728)		2.32
Z21878 (578729)		2.32
Z21879 (578730)		2.27
Z21880 (578731)		2.29
Z21881 (578732)		2.24
Z21882 (578733)		2.25
Z21883 (578734)		2.27
Z21884 (578735)		2.31
Z21885 (578736)		2.30
Z21886 (578737)		.10
Z21887 (578738)		2.76
Z21888 (578739)		.76

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T525183

PROJECT: AGAT00797

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Oct 01, 2019      DATE RECEIVED: Oct 01, 2019      DATE REPORTED: Oct 15, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
Z21889 (578740)		3.29
Z21890 (578741)		2.32
Z21891 (578742)		2.19
Z21892 (578743)		.67
Z21893 (578744)		2.52
Z21894 (578745)		3.04
Z21895 (578746)		2.75
Z21896 (578747)		1.34
Z21897 (578748)		2
Z21898 (578749)		2
Z21899 (578750)		1.09

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T525183

PROJECT: AGAT00797

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 01, 2019

DATE RECEIVED: Oct 01, 2019

DATE REPORTED: Oct 15, 2019

SAMPLE TYPE: Drill Core

Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5
Z21827 (578678)	<0.5	4.80	4	315	0.7	<1	5.81	0.7	106	16.8	53.3	7.8	3.97	13
Z21828 (578679)	0.9	6.50	<1	919	1.9	<1	2.36	1.0	73	5.8	48.2	17.9	4.25	16
Z21829 (578680)	1.1	6.77	2	566	2.3	<1	2.81	0.5	72	7.8	101	14.3	4.06	17
Z21830 (578681)	0.8	7.72	<1	457	2.0	<1	3.09	<0.5	63	6.6	40.3	17.8	3.62	17
Z21831 (578682)	0.8	8.07	<1	420	1.4	<1	3.07	<0.5	54	8.0	36.6	32.2	3.75	18
Z21832 (578683)	<0.5	0.08	2	16	<0.5	<1	33.9	<0.5	<1	<0.5	11.4	<0.5	0.14	<5
Z21833 (578684)	<0.5	7.13	<1	417	1.4	<1	2.83	0.6	70	8.1	42.8	13.8	3.32	16
Z21834 (578685)	1.1	7.59	<1	321	1.4	<1	2.79	<0.5	52	5.3	40.8	12.9	3.53	17
Z21835 (578686)	1.1	6.44	<1	270	1.1	<1	3.02	<0.5	43	5.2	47.4	6.3	3.37	15
Z21836 (578687)	0.8	7.37	<1	321	1.4	<1	2.52	<0.5	47	5.8	42.3	8.3	3.14	17
Z21837 (578688)	0.6	7.15	<1	329	1.1	<1	2.44	<0.5	49	6.2	40.2	5.2	3.02	16
Z21838 (578689)	0.6	7.25	<1	330	1.0	<1	2.50	<0.5	49	6.1	45.0	6.2	3.21	16
Z21839 (578690)	0.6	7.36	2	353	1.3	<1	2.53	<0.5	48	6.9	49.1	17.4	3.01	16
Z21840 (578691)	0.6	7.20	<1	318	1.3	<1	2.17	<0.5	47	5.7	40.1	6.9	3.06	16
Z21841 (578692)	0.7	7.38	<1	349	1.6	<1	2.43	<0.5	47	7.1	52.0	11.7	3.14	16
Z21842 (578693)	0.7	7.72	<1	481	1.9	<1	3.68	<0.5	62	14.5	77.0	25.3	4.21	17
Z21843 (578694)	0.8	7.24	<1	312	1.2	<1	2.23	<0.5	49	6.3	45.6	14.8	3.04	16
Z21844 (578695)	0.7	7.31	<1	275	1.4	<1	2.28	<0.5	47	9.0	102	7.2	3.25	17
Z21845 (578696)	<0.5	7.58	<1	297	1.1	<1	1.24	<0.5	18	0.8	26.4	<0.5	0.87	17
Z21846 (578697)	<0.5	7.17	<1	147	<0.5	<1	6.79	<0.5	9	39.5	201	146	7.90	15
Z21847 (578698)	0.8	7.37	<1	297	1.2	<1	2.38	<0.5	49	6.6	43.8	8.7	3.14	17
Z21848 (578699)	0.7	7.41	<1	349	1.1	<1	2.61	<0.5	50	7.8	59.3	10.8	3.36	16
Z21849 (578700)	0.6	7.21	<1	386	1.3	<1	2.63	<0.5	59	8.1	44.7	9.0	3.18	16
Z21850 (578701)	0.6	7.49	<1	350	1.3	<1	2.61	<0.5	53	6.7	44.4	12.1	3.23	17
Z21851 (578702)	0.6	7.35	<1	388	2.0	<1	2.40	<0.5	61	7.7	65.4	10.7	3.12	17
Z21852 (578703)	<0.5	0.09	<1	16	<0.5	<1	31.6	<0.5	<1	<0.5	11.3	<0.5	0.15	<5
Z21853 (578704)	0.6	7.17	<1	545	1.2	<1	2.39	<0.5	55	6.8	45.4	16.0	2.85	16
Z21854 (578705)	<0.5	6.95	<1	594	1.1	<1	2.81	<0.5	65	6.9	55.2	11.7	2.84	15
Z21855 (578706)	0.6	7.39	<1	358	1.0	<1	2.37	<0.5	44	5.8	54.2	14.7	2.89	16
Z21856 (578707)	0.6	7.44	<1	352	1.1	<1	2.40	<0.5	48	6.0	54.7	14.5	3.12	17
Z21857 (578708)	0.5	7.48	<1	383	1.3	<1	2.51	<0.5	46	5.7	51.7	9.8	3.08	16
Z21858 (578709)	0.7	7.60	<1	391	1.3	<1	2.52	<0.5	47	6.1	56.6	9.9	3.14	17

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T525183

PROJECT: AGAT00797

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 01, 2019	DATE RECEIVED: Oct 01, 2019							DATE REPORTED: Oct 15, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z21859 (578710)	<0.5	7.93	<1	515	1.6	<1	2.28	<0.5	60	4.6	41.6	8.2	3.00	18	
Z21860 (578711)	0.8	7.36	<1	321	1.0	<1	2.34	<0.5	47	5.6	42.6	12.9	3.30	16	
Z21861 (578712)	0.8	7.80	<1	340	0.9	<1	2.38	<0.5	47	5.4	42.5	8.0	3.43	17	
Z21862 (578713)	0.8	7.44	<1	292	0.8	<1	2.28	<0.5	45	5.7	44.8	17.5	3.32	17	
Z21863 (578714)	<0.5	7.52	<1	307	1.0	<1	2.39	<0.5	47	6.5	43.8	17.9	3.33	16	
Z21864 (578715)	0.6	7.46	<1	365	1.0	<1	2.35	<0.5	45	6.4	49.0	3.2	3.43	17	
Z21865 (578716)	0.6	7.26	<1	326	1.0	<1	2.18	<0.5	49	6.0	42.5	40.3	3.13	16	
Z21866 (578717)	<0.5	7.48	<1	194	0.6	<1	6.41	<0.5	20	38.9	202	100	7.67	17	
Z21867 (578718)	<0.5	7.47	<1	292	1.0	<1	2.22	<0.5	45	5.8	49.9	9.3	2.91	16	
Z21868 (578719)	0.6	7.72	<1	321	0.9	<1	2.48	<0.5	47	6.2	43.2	21.8	3.46	17	
Z21869 (578720)	0.6	7.38	<1	250	1.1	<1	2.35	<0.5	42	5.3	32.6	12.2	3.28	17	
Z21870 (578721)	0.7	7.39	<1	331	1.1	<1	2.51	<0.5	47	6.3	47.5	9.5	3.47	16	
Z21871 (578722)	<0.5	7.40	<1	452	1.1	<1	1.96	<0.5	30	3.0	40.4	2.8	2.06	16	
Z21872 (578723)	<0.5	0.07	<1	15	<0.5	<1	30.4	<0.5	<1	0.5	13.8	<0.5	0.18	<5	
Z21873 (578724)	<0.5	7.12	<1	320	1.1	<1	2.70	<0.5	41	6.5	48.8	25.7	3.27	15	
Z21874 (578725)	0.5	7.51	<1	197	1.2	<1	2.47	<0.5	58	6.6	45.9	18.2	3.02	18	
Z21875 (578726)	0.7	7.43	<1	246	1.0	<1	2.39	<0.5	44	5.5	37.9	9.5	3.24	18	
Z21876 (578727)	0.6	7.42	<1	332	0.9	<1	2.45	<0.5	46	5.8	35.4	14.3	3.20	17	
Z21877 (578728)	<0.5	7.16	<1	330	0.9	<1	2.32	<0.5	44	6.7	42.5	11.0	3.18	17	
Z21878 (578729)	0.5	7.29	<1	340	0.9	<1	2.33	<0.5	47	7.1	47.2	12.0	3.31	17	
Z21879 (578730)	0.5	7.17	<1	297	1.2	<1	2.77	<0.5	47	8.3	59.2	34.7	3.28	17	
Z21880 (578731)	0.6	7.36	<1	352	1.3	<1	2.57	<0.5	47	6.3	52.1	11.4	3.43	17	
Z21881 (578732)	0.7	7.38	<1	328	1.1	<1	2.56	<0.5	44	6.0	53.8	15.9	3.57	17	
Z21882 (578733)	0.7	7.79	<1	347	1.1	<1	2.48	<0.5	46	5.8	52.0	3.6	3.49	17	
Z21883 (578734)	<0.5	7.62	<1	329	1.1	<1	2.31	<0.5	44	5.6	47.9	7.5	3.15	17	
Z21884 (578735)	0.5	7.13	<1	324	1.2	<1	2.43	<0.5	48	7.8	64.2	2.1	3.16	17	
Z21885 (578736)	<0.5	7.27	<1	315	2.3	<1	2.50	<0.5	48	5.9	51.7	12.0	3.02	16	
Z21886 (578737)	<0.5	7.31	<1	148	<0.5	<1	6.99	0.5	9	40.2	205	150	8.14	17	
Z21887 (578738)	0.5	7.36	<1	431	1.4	<1	2.79	<0.5	52	6.2	57.3	40.2	3.21	16	
Z21888 (578739)	<0.5	4.35	<1	824	1.5	<1	5.70	<0.5	118	38.3	471	74.4	5.77	12	
Z21889 (578740)	0.5	7.40	<1	355	1.3	<1	2.58	<0.5	48	6.1	39.3	21.9	3.03	16	
Z21890 (578741)	0.7	7.05	<1	379	2.8	<1	2.48	<0.5	50	9.1	70.3	7.8	3.11	16	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T525183

PROJECT: AGAT00797

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 01, 2019	DATE RECEIVED: Oct 01, 2019							DATE REPORTED: Oct 15, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z21891 (578742)	0.6	7.49	<1	413	1.0	<1	2.24	<0.5	38	4.8	37.3	15.5	2.54	17	
Z21892 (578743)	<0.5	0.08	<1	21	<0.5	<1	32.1	<0.5	<1	0.5	9.0	<0.5	0.14	<5	
Z21893 (578744)	<0.5	7.12	<1	347	1.6	<1	3.88	1.4	43	15.0	135	54.2	3.68	17	
Z21894 (578745)	<0.5	7.44	<1	116	0.5	<1	6.69	1.2	13	40.7	128	61.5	8.18	18	
Z21895 (578746)	<0.5	7.70	<1	122	0.8	<1	7.36	0.6	22	40.0	199	51.0	8.11	18	
Z21896 (578747)	<0.5	8.10	<1	700	1.0	<1	3.59	0.5	26	17.3	58.9	169	3.43	19	
Z21897 (578748)	<0.5	7.81	<1	302	0.9	<1	4.37	<0.5	27	21.9	113	63.7	4.56	19	
Z21898 (578749)	<0.5	7.73	<1	295	0.8	<1	4.38	<0.5	27	22.2	111	63.5	4.53	18	
Z21899 (578750)	<0.5	5.82	<1	91	0.5	<1	4.75	<0.5	15	27.3	52.2	281	9.14	16	

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## (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 01, 2019	DATE RECEIVED: Oct 01, 2019					DATE REPORTED: Oct 15, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	1	10	0.01	1	
Z21827 (578678)	<1	5.79	42	10	2.04	1030	3.6	0.45	52.8	568	47	29	0.23	<1	
Z21828 (578679)	<1	2.14	33	22	0.84	1490	6.5	2.08	13.9	542	67	15	0.30	<1	
Z21829 (578680)	<1	1.85	32	28	1.22	1100	6.8	2.38	25.4	754	22	13	0.27	<1	
Z21830 (578681)	<1	1.91	29	23	0.72	858	7.8	2.49	10.4	447	39	13	0.29	<1	
Z21831 (578682)	<1	1.47	25	28	0.78	863	7.6	2.52	10.2	481	5	<10	0.39	<1	
Z21832 (578683)	<1	0.03	<2	1	1.68	108	1.7	0.03	<0.5	67	<1	<10	0.04	<1	
Z21833 (578684)	<1	1.76	31	30	0.85	469	7.7	2.60	10.5	351	32	10	0.61	<1	
Z21834 (578685)	<1	1.11	23	23	0.72	719	8.5	2.88	5.1	524	8	<10	0.53	<1	
Z21835 (578686)	<1	1.02	19	19	0.85	701	8.7	2.26	6.5	426	5	<10	0.22	<1	
Z21836 (578687)	<1	1.41	21	26	0.86	519	9.5	2.54	8.8	411	4	<10	0.11	<1	
Z21837 (578688)	<1	1.12	23	25	0.66	569	8.7	2.45	8.9	410	3	<10	0.07	<1	
Z21838 (578689)	<1	1.10	23	26	0.66	633	9.1	2.54	8.4	406	4	<10	0.07	<1	
Z21839 (578690)	<1	1.49	23	26	0.75	538	8.6	2.62	10.5	440	8	<10	0.16	<1	
Z21840 (578691)	<1	1.68	22	30	0.78	543	8.2	2.67	9.0	374	7	11	0.13	<1	
Z21841 (578692)	<1	1.76	21	30	0.96	656	7.8	2.63	13.3	682	21	12	0.34	<1	
Z21842 (578693)	<1	1.50	30	43	2.03	920	7.8	2.24	30.7	1140	9	10	0.65	<1	
Z21843 (578694)	<1	1.35	22	35	0.95	721	7.0	2.50	10.7	413	6	11	0.32	<1	
Z21844 (578695)	<1	1.77	22	44	1.72	600	6.8	2.41	40.0	656	11	25	0.28	<1	
Z21845 (578696)	<1	3.46	8	6	0.22	518	6.1	2.83	1.9	173	43	27	0.03	<1	
Z21846 (578697)	<1	0.20	3	12	4.42	1380	1.5	2.24	86.8	412	3	<10	0.16	<1	
Z21847 (578698)	<1	1.65	22	37	0.93	567	7.3	2.59	10.5	904	6	15	0.25	<1	
Z21848 (578699)	<1	1.35	23	30	1.03	818	6.9	2.37	13.3	560	5	10	0.32	<1	
Z21849 (578700)	<1	2.20	28	29	1.01	683	6.2	2.39	14.1	462	12	15	0.47	<1	
Z21850 (578701)	<1	1.47	24	27	1.08	597	6.0	2.51	12.8	502	7	14	0.37	<1	
Z21851 (578702)	<1	1.49	28	25	1.00	503	7.8	2.49	19.4	744	7	13	0.35	<1	
Z21852 (578703)	<1	0.01	<2	2	1.65	114	1.7	0.04	<0.5	72	<1	<10	0.04	<1	
Z21853 (578704)	<1	1.62	25	18	0.82	527	10.1	2.67	11.7	482	6	11	0.35	<1	
Z21854 (578705)	<1	1.53	30	21	0.88	544	10.7	2.55	13.5	1150	4	10	0.19	<1	
Z21855 (578706)	<1	1.44	20	28	0.75	537	9.8	2.74	10.3	373	4	<10	0.17	<1	
Z21856 (578707)	<1	1.36	22	28	0.79	596	10.6	2.59	9.2	434	4	10	0.15	<1	
Z21857 (578708)	<1	1.36	21	32	0.78	571	10.2	2.54	9.6	427	4	11	0.12	<1	
Z21858 (578709)	<1	1.40	22	34	0.80	597	10.6	2.58	9.9	446	5	11	0.12	<1	

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DATE SAMPLED: Oct 01, 2019	DATE RECEIVED: Oct 01, 2019					DATE REPORTED: Oct 15, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	1	10	0.01	1	
Z21859 (578710)	<1	1.68	28	48	0.83	672	8.3	2.99	6.7	459	12	16	0.09	<1	
Z21860 (578711)	<1	1.33	21	30	0.82	836	9.6	2.61	6.4	476	4	10	0.16	<1	
Z21861 (578712)	<1	1.21	22	30	0.74	725	9.6	2.95	6.4	519	3	<10	0.11	<1	
Z21862 (578713)	<1	1.08	21	25	0.65	840	9.3	2.77	9.0	505	3	<10	0.17	<1	
Z21863 (578714)	<1	1.12	22	27	0.69	836	8.2	2.74	7.6	500	5	<10	0.14	<1	
Z21864 (578715)	<1	1.19	21	28	0.71	697	8.2	2.79	10.5	446	3	<10	0.03	<1	
Z21865 (578716)	<1	1.18	22	22	0.68	646	7.8	2.89	8.3	411	3	<10	0.16	<1	
Z21866 (578717)	<1	0.43	9	10	4.45	1340	1.9	2.30	109	876	3	<10	0.10	<1	
Z21867 (578718)	<1	1.23	21	24	0.56	477	8.9	2.95	9.2	380	3	<10	0.06	<1	
Z21868 (578719)	<1	1.20	22	22	0.75	786	8.4	2.75	7.4	526	4	<10	0.17	<1	
Z21869 (578720)	<1	1.18	20	26	0.73	594	6.8	2.80	6.2	530	4	<10	0.10	<1	
Z21870 (578721)	<1	1.24	22	24	0.79	679	7.1	2.57	9.8	501	2	<10	0.06	<1	
Z21871 (578722)	<1	2.37	15	20	0.39	356	7.5	2.94	4.5	213	17	16	0.03	<1	
Z21872 (578723)	<1	0.01	2	1	2.33	130	2.3	0.03	1.1	72	<1	<10	0.05	<1	
Z21873 (578724)	<1	1.71	19	19	0.78	616	7.4	2.50	12.8	428	6	14	0.22	<1	
Z21874 (578725)	<1	1.38	28	23	0.71	407	7.8	2.77	9.9	408	12	17	0.19	<1	
Z21875 (578726)	<1	1.51	22	23	0.68	574	7.7	2.64	6.0	458	13	18	0.11	<1	
Z21876 (578727)	<1	1.34	22	24	0.66	689	6.5	2.48	7.5	474	10	13	0.09	<1	
Z21877 (578728)	<1	1.39	22	20	0.78	583	6.6	2.47	13.8	446	6	11	0.10	<1	
Z21878 (578729)	<1	1.43	23	22	0.79	625	7.2	2.48	13.3	465	7	12	0.10	<1	
Z21879 (578730)	<1	1.22	23	14	0.95	551	6.9	2.65	17.4	492	4	<10	0.28	<1	
Z21880 (578731)	<1	1.28	22	18	0.71	524	10.4	2.68	7.0	498	3	<10	0.10	<1	
Z21881 (578732)	<1	1.28	22	19	0.69	834	9.5	2.66	6.3	510	4	<10	0.12	<1	
Z21882 (578733)	<1	1.31	23	19	0.61	676	9.1	2.95	6.3	487	6	<10	0.05	<1	
Z21883 (578734)	<1	1.48	22	20	0.63	558	8.7	2.93	7.6	453	9	11	0.05	<1	
Z21884 (578735)	<1	1.23	25	18	0.85	566	7.2	2.91	20.4	478	4	<10	0.03	<1	
Z21885 (578736)	<1	1.18	24	18	0.64	571	9.0	2.86	8.9	385	3	<10	0.06	<1	
Z21886 (578737)	<1	0.21	3	12	4.53	1410	1.7	2.24	89.2	421	4	<10	0.17	<1	
Z21887 (578738)	<1	1.33	25	19	0.91	595	8.0	3.05	15.3	502	4	<10	0.15	<1	
Z21888 (578739)	<1	2.39	64	44	7.11	1010	4.8	2.08	357	2110	6	35	0.18	<1	
Z21889 (578740)	<1	1.33	24	17	0.72	592	5.6	2.92	11.0	375	3	<10	0.10	<1	
Z21890 (578741)	<1	1.27	24	20	1.21	561	5.5	2.97	46.6	474	3	<10	0.05	<1	

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## Certificate of Analysis

AGAT WORK ORDER: 19T525183

PROJECT: AGAT00797

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 01, 2019	DATE RECEIVED: Oct 01, 2019					DATE REPORTED: Oct 15, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	1	10	0.01	1
Z21891 (578742)	<1	1.27	19	13	0.59	528	5.4	3.03	7.4	330	2	<10	0.07	<1	
Z21892 (578743)	<1	0.01	<2	1	1.56	103	1.2	0.03	<0.5	63	<1	<10	0.05	<1	
Z21893 (578744)	<1	1.45	22	22	1.76	634	3.3	2.79	72.3	439	5	<10	0.18	<1	
Z21894 (578745)	<1	0.39	6	9	3.45	1400	5.4	1.90	51.3	385	5	<10	0.12	<1	
Z21895 (578746)	<1	0.38	12	10	4.11	1420	6.2	1.91	73.6	639	4	<10	0.18	<1	
Z21896 (578747)	<1	0.94	14	18	0.93	439	6.5	2.44	30.6	497	3	<10	0.65	<1	
Z21897 (578748)	<1	1.07	15	19	1.73	783	7.7	1.97	51.8	574	3	<10	0.28	<1	
Z21898 (578749)	<1	1.06	14	19	1.74	798	7.5	1.87	50.5	596	4	<10	0.29	<1	
Z21899 (578750)	<1	0.63	8	12	2.48	1310	8.1	1.19	26.4	257	4	<10	0.98	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 01, 2019	DATE RECEIVED: Oct 01, 2019					DATE REPORTED: Oct 15, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	5	0.5	1	1	0.5	
Z21827 (578678)	23	<10	<5	246	<10	<10	85	0.17	<5	<5	66.7	<1	34	874	
Z21828 (578679)	14	<10	<5	141	<10	<10	28	0.29	<5	<5	32.6	<1	41	479	
Z21829 (578680)	15	<10	<5	221	<10	<10	8	0.28	<5	<5	39.6	<1	41	212	
Z21830 (578681)	11	<10	<5	185	<10	<10	13	0.25	<5	<5	37.6	<1	29	146	
Z21831 (578682)	12	<10	<5	176	<10	<10	<5	0.26	<5	<5	34.8	<1	38	93.6	
Z21832 (578683)	<1	<10	<5	73	<10	<10	<5	<0.01	<5	<5	1.0	<1	2	4.3	
Z21833 (578684)	12	<10	<5	164	<10	<10	14	0.21	<5	<5	39.1	<1	15	715	
Z21834 (578685)	11	<10	<5	157	<10	<10	<5	0.25	<5	<5	22.4	<1	25	87.8	
Z21835 (578686)	10	<10	<5	142	<10	<10	<5	0.20	<5	<5	23.2	<1	22	63.9	
Z21836 (578687)	10	<10	<5	134	<10	<10	<5	0.23	<5	<5	33.5	<1	21	70.8	
Z21837 (578688)	10	<10	<5	123	<10	<10	<5	0.23	<5	<5	36.0	<1	26	69.4	
Z21838 (578689)	10	<10	<5	127	<10	<10	<5	0.23	<5	<5	37.5	<1	30	69.0	
Z21839 (578690)	10	<10	<5	188	<10	<10	<5	0.21	<5	<5	36.3	<1	21	70.9	
Z21840 (578691)	10	<10	<5	141	<10	<10	<5	0.21	<5	<5	33.9	<1	15	83.3	
Z21841 (578692)	10	<10	<5	160	<10	<10	<5	0.23	<5	<5	36.4	<1	18	96.4	
Z21842 (578693)	15	<10	<5	416	<10	<10	<5	0.33	<5	<5	77.3	<1	23	113	
Z21843 (578694)	10	<10	<5	125	<10	<10	<5	0.25	<5	<5	34.7	<1	19	64.9	
Z21844 (578695)	11	<10	<5	119	<10	<10	<5	0.25	<5	<5	46.2	<1	16	79.8	
Z21845 (578696)	5	<10	<5	87	<10	<10	<5	0.05	<5	9	6.6	<1	11	29.0	
Z21846 (578697)	46	<10	<5	104	<10	<10	<5	0.70	<5	12	314	<1	22	86.8	
Z21847 (578698)	10	<10	<5	118	<10	<10	<5	0.23	<5	<5	34.3	<1	21	61.0	
Z21848 (578699)	11	<10	<5	142	<10	<10	<5	0.27	<5	<5	42.0	<1	27	74.1	
Z21849 (578700)	10	<10	<5	168	<10	<10	7	0.22	<5	<5	40.2	<1	18	83.3	
Z21850 (578701)	10	<10	<5	163	<10	<10	<5	0.26	<5	<5	38.3	<1	23	82.7	
Z21851 (578702)	10	<10	<5	153	<10	<10	<5	0.24	<5	<5	39.4	<1	25	67.1	
Z21852 (578703)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<5	1.3	<1	2	4.2	
Z21853 (578704)	9	<10	<5	159	<10	<10	7	0.21	<5	<5	30.4	<1	21	73.7	
Z21854 (578705)	9	<10	<5	187	<10	<10	7	0.21	<5	<5	35.5	<1	22	54.2	
Z21855 (578706)	8	<10	<5	142	<10	<10	<5	0.22	<5	<5	33.2	<1	21	65.3	
Z21856 (578707)	9	<10	<5	159	<10	<10	<5	0.24	<5	<5	33.0	<1	24	68.4	
Z21857 (578708)	9	<10	<5	133	<10	<10	<5	0.24	<5	<5	33.3	<1	23	65.8	
Z21858 (578709)	9	<10	<5	135	<10	<10	<5	0.25	<5	<5	34.2	<1	24	65.6	

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# Certificate of Analysis

AGAT WORK ORDER: 19T525183

PROJECT: AGAT00797

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 01, 2019	DATE RECEIVED: Oct 01, 2019					DATE REPORTED: Oct 15, 2019					SAMPLE TYPE: Drill Core				
Analyte: Unit: RDL:	Sc ppm 1	Se ppm 10	Sn ppm 5	Sr ppm 1	Ta ppm 10	Te ppm 10	Th ppm 5	Ti % 0.01	Tl ppm 5	U ppm 5	V ppm 0.5	W ppm 1	Y ppm 1	Zn ppm 0.5	
Z21859 (578710)	10	<10	<5	131	<10	<10	9	0.24	<5	<5	32.1	<1	20	93.7	
Z21860 (578711)	10	<10	<5	104	<10	<10	<5	0.24	<5	<5	23.3	<1	26	81.3	
Z21861 (578712)	10	<10	37	108	<10	<10	<5	0.25	<5	<5	23.7	<1	23	201	
Z21862 (578713)	10	<10	<5	107	<10	<10	<5	0.24	<5	<5	24.0	<1	26	80.1	
Z21863 (578714)	10	<10	<5	120	<10	<10	<5	0.26	<5	<5	30.1	<1	26	81.4	
Z21864 (578715)	9	<10	<5	122	<10	<10	<5	0.24	<5	<5	32.0	<1	25	62.8	
Z21865 (578716)	9	<10	<5	119	<10	<10	<5	0.23	<5	<5	31.1	<1	23	64.7	
Z21866 (578717)	35	<10	<5	231	<10	<10	<5	0.87	<5	5	250	<1	22	97.2	
Z21867 (578718)	9	<10	<5	130	<10	<10	<5	0.22	<5	<5	33.2	<1	19	60.8	
Z21868 (578719)	10	<10	<5	135	<10	<10	<5	0.27	<5	<5	29.4	<1	27	70.2	
Z21869 (578720)	9	<10	<5	119	<10	<10	<5	0.23	<5	<5	23.1	<1	25	45.3	
Z21870 (578721)	10	<10	<5	131	<10	<10	<5	0.24	<5	<5	24.8	<1	28	69.4	
Z21871 (578722)	7	<10	<5	155	<10	<10	17	0.15	<5	<5	17.6	<1	10	76.3	
Z21872 (578723)	<1	<10	<5	64	<10	<10	<5	<0.01	<5	<5	1.1	<1	2	3.6	
Z21873 (578724)	13	<10	<5	125	<10	<10	<5	0.22	<5	<5	36.8	<1	24	93.6	
Z21874 (578725)	9	<10	<5	147	<10	<10	8	0.24	<5	<5	30.9	<1	17	112	
Z21875 (578726)	10	<10	<5	133	<10	<10	<5	0.25	<5	<5	25.5	<1	24	89.5	
Z21876 (578727)	10	<10	<5	122	<10	<10	<5	0.25	<5	<5	27.1	<1	28	104	
Z21877 (578728)	10	<10	<5	129	<10	<10	<5	0.26	<5	<5	37.0	<1	22	89.9	
Z21878 (578729)	11	<10	<5	129	<10	<10	<5	0.26	<5	<5	37.6	<1	27	90.5	
Z21879 (578730)	11	<10	<5	148	<10	<10	<5	0.23	<5	<5	35.7	<1	25	83.0	
Z21880 (578731)	10	<10	<5	150	<10	<10	<5	0.24	<5	<5	25.1	<1	26	49.9	
Z21881 (578732)	10	<10	<5	123	<10	<10	<5	0.25	<5	<5	25.7	<1	31	88.3	
Z21882 (578733)	10	<10	<5	117	<10	<10	<5	0.25	<5	<5	25.8	<1	26	85.7	
Z21883 (578734)	9	<10	<5	138	<10	<10	<5	0.24	<5	<5	32.0	<1	21	93.1	
Z21884 (578735)	10	<10	<5	171	<10	<10	<5	0.26	<5	<5	40.9	<1	26	76.9	
Z21885 (578736)	9	<10	<5	154	<10	<10	<5	0.23	<5	<5	36.4	<1	25	71.5	
Z21886 (578737)	47	<10	<5	106	<10	<10	<5	0.71	<5	12	325	<1	23	87.0	
Z21887 (578738)	10	<10	<5	172	<10	<10	<5	0.28	<5	<5	40.4	<1	26	74.7	
Z21888 (578739)	17	<10	<5	587	<10	<10	<5	1.22	<5	<5	163	<1	23	74.1	
Z21889 (578740)	10	<10	<5	158	<10	<10	<5	0.25	<5	<5	37.3	<1	28	72.9	
Z21890 (578741)	12	<10	<5	165	<10	<10	<5	0.27	<5	<5	47.6	<1	28	72.3	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T525183

PROJECT: AGAT00797

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 01, 2019	DATE RECEIVED: Oct 01, 2019					DATE REPORTED: Oct 15, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	5	0.5	1	1	0.5	
Z21891 (578742)	8	<10	<5	187	<10	<10	<5	0.21	<5	<5	31.0	<1	22	67.3	
Z21892 (578743)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<5	1.1	<1	2	3.8	
Z21893 (578744)	12	<10	<5	170	<10	<10	<5	0.33	<5	<5	64.8	<1	23	331	
Z21894 (578745)	38	<10	<5	161	<10	<10	<5	0.53	<5	11	251	<1	21	289	
Z21895 (578746)	36	<10	<5	235	<10	<10	<5	0.57	<5	6	235	<1	20	216	
Z21896 (578747)	9	<10	<5	214	<10	<10	<5	0.28	<5	<5	62.9	<1	9	244	
Z21897 (578748)	15	<10	<5	193	<10	<10	<5	0.40	<5	<5	119	<1	11	118	
Z21898 (578749)	16	<10	<5	186	<10	<10	<5	0.40	<5	<5	120	<1	11	119	
Z21899 (578750)	10	<10	<5	109	<10	<10	<5	0.22	<5	11	74.0	<1	9	132	

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ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 01, 2019      DATE RECEIVED: Oct 01, 2019      DATE REPORTED: Oct 15, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
Z21827 (578678)				25
Z21828 (578679)				227
Z21829 (578680)				267
Z21830 (578681)				195
Z21831 (578682)				212
Z21832 (578683)				<5
Z21833 (578684)				155
Z21834 (578685)				235
Z21835 (578686)				235
Z21836 (578687)				193
Z21837 (578688)				176
Z21838 (578689)				166
Z21839 (578690)				166
Z21840 (578691)				152
Z21841 (578692)				169
Z21842 (578693)				168
Z21843 (578694)				177
Z21844 (578695)				154
Z21845 (578696)				38
Z21846 (578697)				53
Z21847 (578698)				154
Z21848 (578699)				162
Z21849 (578700)				149
Z21850 (578701)				160
Z21851 (578702)				167
Z21852 (578703)				<5
Z21853 (578704)				159
Z21854 (578705)				139
Z21855 (578706)				153
Z21856 (578707)				162
Z21857 (578708)				150
Z21858 (578709)				156

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## Certificate of Analysis

AGAT WORK ORDER: 19T525183

PROJECT: AGAT00797

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 01, 2019      DATE RECEIVED: Oct 01, 2019      DATE REPORTED: Oct 15, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
Z21859 (578710)			123
Z21860 (578711)			191
Z21861 (578712)			199
Z21862 (578713)			167
Z21863 (578714)			156
Z21864 (578715)			156
Z21865 (578716)			154
Z21866 (578717)			87
Z21867 (578718)			139
Z21868 (578719)			160
Z21869 (578720)			170
Z21870 (578721)			167
Z21871 (578722)			110
Z21872 (578723)			<5
Z21873 (578724)			141
Z21874 (578725)			145
Z21875 (578726)			176
Z21876 (578727)			155
Z21877 (578728)			137
Z21878 (578729)			153
Z21879 (578730)			146
Z21880 (578731)			174
Z21881 (578732)			166
Z21882 (578733)			182
Z21883 (578734)			148
Z21884 (578735)			153
Z21885 (578736)			142
Z21886 (578737)			59
Z21887 (578738)			155
Z21888 (578739)			196
Z21889 (578740)			156
Z21890 (578741)			192

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 01, 2019      DATE RECEIVED: Oct 01, 2019      DATE REPORTED: Oct 15, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
Z21891 (578742)				142
Z21892 (578743)				<5
Z21893 (578744)				169
Z21894 (578745)				22
Z21895 (578746)				24
Z21896 (578747)				71
Z21897 (578748)				75
Z21898 (578749)				74
Z21899 (578750)				62

Comments: RDL - Reported Detection Limit  
 578678-578750 As, Sb values may be low due to digestion losses.  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T525183

PROJECT: AGAT00797

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 01, 2019      DATE RECEIVED: Oct 01, 2019      DATE REPORTED: Oct 15, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
Z21827 (578678)			0.005
Z21828 (578679)			0.005
Z21829 (578680)			0.003
Z21830 (578681)			0.007
Z21831 (578682)			0.005
Z21832 (578683)			0.002
Z21833 (578684)			0.008
Z21834 (578685)			0.004
Z21835 (578686)			0.008
Z21836 (578687)			0.003
Z21837 (578688)			0.002
Z21838 (578689)			0.003
Z21839 (578690)			0.003
Z21840 (578691)			0.003
Z21841 (578692)			0.005
Z21842 (578693)			0.004
Z21843 (578694)			0.004
Z21844 (578695)			0.003
Z21845 (578696)			0.002
Z21846 (578697)			0.522
Z21847 (578698)			0.003
Z21848 (578699)			0.003
Z21849 (578700)			0.004
Z21850 (578701)			0.003
Z21851 (578702)			0.003
Z21852 (578703)			0.002
Z21853 (578704)			0.003
Z21854 (578705)			0.002
Z21855 (578706)			0.003
Z21856 (578707)			0.004
Z21857 (578708)			0.003
Z21858 (578709)			0.003

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T525183

PROJECT: AGAT00797

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 01, 2019      DATE RECEIVED: Oct 01, 2019      DATE REPORTED: Oct 15, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
Z21859 (578710)		0.003	
Z21860 (578711)		0.003	
Z21861 (578712)		0.003	
Z21862 (578713)		0.003	
Z21863 (578714)		0.003	
Z21864 (578715)		0.002	
Z21865 (578716)		0.003	
Z21866 (578717)		0.325	
Z21867 (578718)		0.003	
Z21868 (578719)		0.002	
Z21869 (578720)		0.002	
Z21870 (578721)		0.002	
Z21871 (578722)		0.002	
Z21872 (578723)		0.002	
Z21873 (578724)		0.008	
Z21874 (578725)		0.005	
Z21875 (578726)		0.005	
Z21876 (578727)		0.010	
Z21877 (578728)		0.006	
Z21878 (578729)		0.006	
Z21879 (578730)		0.011	
Z21880 (578731)		0.016	
Z21881 (578732)		0.012	
Z21882 (578733)		0.003	
Z21883 (578734)		0.004	
Z21884 (578735)		0.003	
Z21885 (578736)		0.003	
Z21886 (578737)		0.534	
Z21887 (578738)		0.004	
Z21888 (578739)		0.003	
Z21889 (578740)		0.004	
Z21890 (578741)		0.003	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T525183

PROJECT: AGAT00797

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 01, 2019	DATE RECEIVED: Oct 01, 2019	DATE REPORTED: Oct 15, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
Z21891 (578742)			0.004
Z21892 (578743)			0.003
Z21893 (578744)			0.047
Z21894 (578745)			0.015
Z21895 (578746)			0.003
Z21896 (578747)			0.007
Z21897 (578748)			0.004
Z21898 (578749)			0.004
Z21899 (578750)			0.018

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T525183

PROJECT: AGAT00797

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Oct 01, 2019

DATE RECEIVED: Oct 01, 2019

DATE REPORTED: Oct 15, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL:
Z21827 (578678)	86
Z21847 (578698)	80
Z21867 (578718)	84
Z21887 (578738)	76

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T525183

PROJECT: AGAT00797

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Oct 01, 2019

DATE RECEIVED: Oct 01, 2019

DATE REPORTED: Oct 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
Z21827 (578678)		95
Z21853 (578704)		94.8
Z21880 (578731)		96

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	578678	< 0.5	< 0.5	0.0%	578693	0.65	0.63	3.1%	578704	0.6	0.6	0.0%	578719	0.6	0.8	28.6%
Al	578678	4.80	4.83	0.6%	578693	7.72	7.52	2.6%	578704	7.17	7.34	2.3%	578719	7.72	7.74	0.3%
As	578678	4	3	28.6%	578693	< 1	< 1	0.0%	578704	< 1	< 1	0.0%	578719	< 1	< 1	0.0%
Ba	578678	315	303	3.9%	578693	481	475	1.3%	578704	545	575	5.4%	578719	321	326	1.5%
Be	578678	0.7	0.7	0.0%	578693	1.90	1.84	3.2%	578704	1.23	1.30	5.5%	578719	0.9	0.9	0.0%
Bi	578678	< 1	< 1	0.0%	578693	< 1	< 1	0.0%	578704	< 1	< 1	0.0%	578719	< 1	< 1	0.0%
Ca	578678	5.81	5.33	8.6%	578693	3.68	3.61	1.9%	578704	2.39	2.47	3.3%	578719	2.48	2.54	2.4%
Cd	578678	0.75	0.98	26.6%	578693	< 0.5	< 0.5	0.0%	578704	< 0.5	< 0.5	0.0%	578719	< 0.5	< 0.5	0.0%
Ce	578678	106	115	8.1%	578693	62	62	0.0%	578704	55	57	3.6%	578719	47	47	0.0%
Co	578678	16.8	17.0	1.2%	578693	14.5	14.3	1.4%	578704	6.77	6.41	5.5%	578719	6.2	6.2	0.0%
Cr	578678	53.3	56.4	5.7%	578693	77.0	83.5	8.1%	578704	45.4	49.1	7.8%	578719	43.2	42.4	1.9%
Cu	578678	7.8	7.5	3.9%	578693	25.3	25.0	1.2%	578704	16.0	16.1	0.6%	578719	21.8	22.5	3.2%
Fe	578678	3.97	4.36	9.4%	578693	4.21	4.07	3.4%	578704	2.85	2.99	4.8%	578719	3.46	3.49	0.9%
Ga	578678	13	12	8.0%	578693	17	17	0.0%	578704	16	16	0.0%	578719	17	17	0.0%
In	578678	< 1	< 1	0.0%	578693	< 1	< 1	0.0%	578704	< 1	< 1	0.0%	578719	< 1	< 1	0.0%
K	578678	5.79	5.99	3.4%	578693	1.50	1.46	2.7%	578704	1.62	1.66	2.4%	578719	1.20	1.22	1.7%
La	578678	42	46	9.1%	578693	30	30	0.0%	578704	25	27	7.7%	578719	22	22	0.0%
Li	578678	10	10	0.0%	578693	43	42	2.4%	578704	18	19	5.4%	578719	22	23	4.4%
Mg	578678	2.04	2.20	7.5%	578693	2.03	1.97	3.0%	578704	0.822	0.857	4.2%	578719	0.75	0.75	0.0%
Mn	578678	1030	1140	10.1%	578693	920	889	3.4%	578704	527	560	6.1%	578719	786	792	0.8%
Mo	578678	3.64	4.07	11.2%	578693	7.8	8.4	7.4%	578704	10.1	10.2	1.0%	578719	8.45	8.71	3.0%
Na	578678	0.45	0.45	0.0%	578693	2.24	2.24	0.0%	578704	2.67	2.74	2.6%	578719	2.75	2.79	1.4%
Ni	578678	52.8	56.2	6.2%	578693	30.7	31.2	1.6%	578704	11.7	11.8	0.9%	578719	7.42	7.61	2.5%
P	578678	568	567	0.2%	578693	1140	1110	2.7%	578704	482	486	0.8%	578719	526	527	0.2%
Pb	578678	47	48	2.1%	578693	9	9	0.0%	578704	6	6	0.0%	578719	4	4	0.0%
Rb	578678	29	30	3.4%	578693	10	10	0.0%	578704	11	11	0.0%	578719	< 10	< 10	0.0%
S	578678	0.234	0.245	4.6%	578693	0.65	0.64	1.6%	578704	0.35	0.36	2.8%	578719	0.171	0.177	3.4%
Sb	578678	< 1	< 1	0.0%	578693	< 1	< 1	0.0%	578704	< 1	< 1	0.0%	578719	< 1	< 1	0.0%
Sc	578678	23	24	4.3%	578693	15	15	0.0%	578704	9	9	0.0%	578719	10	10	0.0%
Se	578678	< 10	< 10	0.0%	578693	< 10	< 10	0.0%	578704	< 10	< 10	0.0%	578719	< 10	< 10	0.0%
Sn	578678	< 5	< 5	0.0%	578693	< 5	< 5	0.0%	578704	< 5	< 5	0.0%	578719	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	578678	246	265	7.4%	578693	416	415	0.2%	578704	159	162	1.9%	578719	135	138	2.2%
Ta	578678	< 10	< 10	0.0%	578693	< 10	< 10	0.0%	578704	< 10	< 10	0.0%	578719	< 10	< 10	0.0%
Te	578678	< 10	< 10	0.0%	578693	< 10	< 10	0.0%	578704	< 10	< 10	0.0%	578719	< 10	< 10	0.0%
Th	578678	85	94	10.1%	578693	< 5	< 5	0.0%	578704	7	7	0.0%	578719	< 5	< 5	0.0%
Ti	578678	0.167	0.149	11.4%	578693	0.325	0.324	0.3%	578704	0.208	0.217	4.2%	578719	0.273	0.276	1.1%
Tl	578678	< 5	< 5	0.0%	578693	< 5	< 5	0.0%	578704	< 5	< 5	0.0%	578719	< 5	< 5	0.0%
U	578678	< 5	< 5	0.0%	578693	< 5	< 5	0.0%	578704	< 5	< 5	0.0%	578719	< 5	< 5	0.0%
V	578678	66.7	68.0	1.9%	578693	77.3	77.2	0.1%	578704	30.4	31.4	3.2%	578719	29.4	29.4	0.0%
W	578678	< 1	< 1	0.0%	578693	< 1	< 1	0.0%	578704	< 1	< 1	0.0%	578719	< 1	< 1	0.0%
Y	578678	34	38	11.1%	578693	23	23	0.0%	578704	21	22	4.7%	578719	27	27	0.0%
Zn	578678	874	1020	15.4%	578693	113	111	1.8%	578704	73.7	78.0	5.7%	578719	70.2	71.4	1.7%
Zr	578678	25	22	12.8%	578693	168	171	1.8%	578704	159	152	4.5%	578719	160	174	8.4%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	578730	0.5	0.5	0.0%	578745	< 0.5	< 0.5	0.0%								
Al	578730	7.17	6.74	6.2%	578745	7.44	7.33	1.5%								
As	578730	< 1	< 1	0.0%	578745	< 1	< 1	0.0%								
Ba	578730	297	286	3.8%	578745	116	113	2.6%								
Be	578730	1.2	1.2	0.0%	578745	0.5	0.5	0.0%								
Bi	578730	< 1	< 1	0.0%	578745	< 1	< 1	0.0%								
Ca	578730	2.77	2.74	1.1%	578745	6.69	6.65	0.6%								
Cd	578730	< 0.5	< 0.5	0.0%	578745	1.23	1.30	5.5%								
Ce	578730	47	44	6.6%	578745	13	12	8.0%								
Co	578730	8.27	7.64	7.9%	578745	40.7	38.1	6.6%								
Cr	578730	59.2	61.1	3.2%	578745	128	134	4.6%								
Cu	578730	34.7	36.2	4.2%	578745	61.5	58.4	5.2%								
Fe	578730	3.28	3.18	3.1%	578745	8.18	8.02	2.0%								
Ga	578730	17	16	6.1%	578745	18	17	5.7%								
In	578730	< 1	< 1	0.0%	578745	< 1	< 1	0.0%								
K	578730	1.22	1.15	5.9%	578745	0.386	0.375	2.9%								
La	578730	23	22	4.4%	578745	6	5	18.2%								
Li	578730	14	14	0.0%	578745	9	9	0.0%								
Mg	578730	0.946	0.882	7.0%	578745	3.45	3.39	1.8%								
Mn	578730	551	515	6.8%	578745	1400	1360	2.9%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	578730	6.94	7.37	6.0%	578745	5.36	5.12	4.6%								
Na	578730	2.65	2.56	3.5%	578745	1.90	1.87	1.6%								
Ni	578730	17.4	15.8	9.6%	578745	51.3	48.2	6.2%								
P	578730	492	459	6.9%	578745	385	392	1.8%								
Pb	578730	4	3	28.6%	578745	5	5	0.0%								
Rb	578730	< 10	< 10	0.0%	578745	< 10	< 10	0.0%								
S	578730	0.28	0.29	3.5%	578745	0.12	0.12	0.0%								
Sb	578730	< 1	< 1	0.0%	578745	< 1	< 1	0.0%								
Sc	578730	11	10	9.5%	578745	38	37	2.7%								
Se	578730	< 10	< 10	0.0%	578745	< 10	< 10	0.0%								
Sn	578730	< 5	< 5	0.0%	578745	< 5	< 5	0.0%								
Sr	578730	148	146	1.4%	578745	161	159	1.3%								
Ta	578730	< 10	< 10	0.0%	578745	< 10	< 10	0.0%								
Te	578730	< 10	< 10	0.0%	578745	< 10	< 10	0.0%								
Th	578730	< 5	< 5	0.0%	578745	< 5	< 5	0.0%								
Ti	578730	0.23	0.22	4.4%	578745	0.53	0.52	1.9%								
Tl	578730	< 5	< 5	0.0%	578745	< 5	< 5	0.0%								
U	578730	< 5	< 5	0.0%	578745	11	10	9.5%								
V	578730	35.7	32.8	8.5%	578745	251	244	2.8%								
W	578730	< 1	< 1	0.0%	578745	< 1	< 1	0.0%								
Y	578730	25	23	8.3%	578745	21	21	0.0%								
Zn	578730	83.0	89.0	7.0%	578745	289	289	0.0%								
Zr	578730	146	135	7.8%	578745	22	22	0.0%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Au	578693	0.004	0.009	70.9%	578719	0.002	0.003	17.7%	578745	0.015	0.017	11.8%				

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (GSP7M)				CRM #2 (GSP5G)				CRM #3 (ref.WMG-1a)				CRM #4 (GS4H)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag									3.03	3.25	107%	90% - 110%				
Al	10.95	11.11	101%	90% - 110%	8.17	8.34	102%	90% - 110%	4.75	4.84	102%	90% - 110%	10.95	10.8	99%	90% - 110%
As					26	24	93%	90% - 110%								
Ba	340	338	100%	90% - 110%	540	532	99%	90% - 110%	216	220	102%	90% - 110%	340	341	100%	90% - 110%
Be	2.6	2.8	107%	90% - 110%	4.0	3.5	86%	90% - 110%					2.6	2.8	109%	90% - 110%
Ca	5.72	5.76	101%	90% - 110%	0.907	0.918	101%	90% - 110%	10	9	95%	90% - 110%	5.72	5.74	100%	90% - 110%
Ce	122	117	96%	90% - 110%	98	97	99%	90% - 110%					122	110	90%	90% - 110%
Co									191	174	91%	90% - 110%				
Cr	12	9	73%	90% - 110%	60.3	64	106%	90% - 110%	670	710	106%	90% - 110%	12	12	97%	90% - 110%
Cu					150	147	98%	90% - 110%	7120	6881	97%	90% - 110%				
Fe	4.34	4.2	97%	90% - 110%	3.77	3.76	100%	90% - 110%	12.71	11.95	94%	90% - 110%	4.34	4.09	94%	90% - 110%
Ga	35	36	102%	90% - 110%									35	34	98%	90% - 110%
K	1.37	1.5	110%	90% - 110%					0.1021	0.1048	103%	90% - 110%	1.37	1.43	105%	90% - 110%
La	58	59	101%	90% - 110%	44	44	101%	90% - 110%	8.47	7.68	91%	90% - 110%	58	56	97%	90% - 110%
Li	37	38	104%	90% - 110%	47	45	96%	90% - 110%					37	37	100%	90% - 110%
Mg	0.325	0.304	94%	90% - 110%	1.10	1.1	100%	90% - 110%	7.41	7.58	102%	90% - 110%	0.325	0.304	94%	90% - 110%
Mn					780	769	99%	90% - 110%								
Mo					14	14	104%	90% - 110%								
Na	5.267	5.318	101%	90% - 110%	1.624	1.67	103%	90% - 110%	0.112	0.123	110%	90% - 110%	5.267	5.351	102%	90% - 110%
Ni					32	33	103%	90% - 110%	2480	2279	92%	90% - 110%				
P					750	740	99%	90% - 110%	731	698	95%	90% - 110%				
Pb					31	29	93%	90% - 110%								
Sb									1.8	1.3	71%	90% - 110%				
Sc	1.1	1.1	97%	90% - 110%	12	13	106%	90% - 110%	21.33	21.68	102%	90% - 110%	1.1	1	95%	90% - 110%
Sr	1191	1120	94%	90% - 110%	144	144	100%	90% - 110%	39	35	91%	90% - 110%	1191	1102	93%	90% - 110%
Ti	0.172	0.177	103%	90% - 110%	0.53	0.48	90%	90% - 110%	0.419	0.427	102%	90% - 110%	0.172	0.168	97%	90% - 110%
V	8	8	101%	90% - 110%	77	81	105%	90% - 110%	158	169	107%	90% - 110%	8	8	100%	90% - 110%
Y	119	128	108%	90% - 110%					12.67	12.93	102%	90% - 110%	119	124	104%	90% - 110%
Zn	93	100	107%	90% - 110%	130	132	101%	90% - 110%	112	122	109%	90% - 110%	93	100	107%	90% - 110%
Zr									35.7	36.5	102%	90% - 110%				

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (GSP7M)				CRM #2 (GSP5G)				CRM #3 (1P5R)				CRM #4 (GS4H)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.725	0.648	89%	90% - 110%	0.562	0.605	108%	90% - 110%	1.81	1.72	95%	90% - 110%	5.01	5.33	106%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00797  
 SAMPLING SITE:

AGAT WORK ORDER: 19T525183  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00799

AGAT WORK ORDER: 19T525775

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Oct 15, 2019

PAGES (INCLUDING COVER): 13

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

# Certificate of Analysis

AGAT WORK ORDER: 19T525775

PROJECT: AGAT00799

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Oct 01, 2019

DATE RECEIVED: Oct 02, 2019

DATE REPORTED: Oct 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
Z21973 (582061)		3.20
Z21974 (582062)		3.54
Z21975 (582063)		3.83
Z21976 (582064)		3.34
Z21977 (582065)		.65
Z21978 (582066)		.65
Z21979 (582067)		1.15
Z21980 (582068)		1.84
Z21981 (582069)		2.51
Z21982 (582070)		2.66
Z21983 (582071)		2.36
Z21984 (582072)		.92
Z21985 (582073)		2.79
Z21986 (582074)		.10
Z21987 (582075)		3.80
Z21988 (582076)		3.64
Z21989 (582077)		3.61
Z21990 (582078)		2.42
Z21991 (582079)		1.98
Z21992 (582080)		.64

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T525775

PROJECT: AGAT00799

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 01, 2019	DATE RECEIVED: Oct 02, 2019							DATE REPORTED: Oct 15, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z21973 (582061)	<0.5	6.71	<1	145	1.2	<1	5.62	<0.5	21	23.2	44.4	52.4	11.5	24	
Z21974 (582062)	<0.5	6.76	<1	172	0.7	<1	5.64	<0.5	21	23.6	44.2	36.7	11.4	24	
Z21975 (582063)	<0.5	6.75	<1	203	0.7	<1	6.24	<0.5	35	25.6	51.9	54.5	11.2	25	
Z21976 (582064)	<0.5	6.75	<1	295	0.6	<1	5.91	0.5	19	26.1	26.5	73.9	11.6	24	
Z21977 (582065)	<0.5	8.45	<1	641	1.2	<1	2.48	<0.5	29	5.3	37.6	6.0	2.13	20	
Z21978 (582066)	<0.5	8.65	<1	643	1.2	<1	2.45	<0.5	28	4.7	39.9	5.0	2.02	19	
Z21979 (582067)	<0.5	7.01	<1	218	0.6	<1	4.77	<0.5	20	22.0	29.8	33.7	10.2	24	
Z21980 (582068)	<0.5	7.31	<1	408	0.9	<1	2.92	<0.5	19	9.4	28.4	14.1	4.04	20	
Z21981 (582069)	<0.5	6.53	<1	151	0.7	<1	4.70	<0.5	19	24.3	26.4	55.4	11.4	24	
Z21982 (582070)	<0.5	6.68	<1	66	<0.5	<1	4.69	<0.5	22	25.1	34.4	39.5	11.6	24	
Z21983 (582071)	<0.5	6.72	<1	45	0.5	<1	4.75	<0.5	21	24.5	22.6	38.9	11.7	25	
Z21984 (582072)	2.1	8.89	<1	694	1.0	<1	2.97	1.2	30	11.3	26.8	85.8	4.70	22	
Z21985 (582073)	<0.5	6.95	<1	86	<0.5	<1	4.99	<0.5	19	24.5	30.7	41.8	11.3	25	
Z21986 (582074)	<0.5	7.51	<1	151	<0.5	<1	6.95	<0.5	9	39.4	191	154	8.28	17	
Z21987 (582075)	<0.5	6.89	<1	200	0.7	<1	5.36	<0.5	21	25.1	57.4	50.4	11.2	24	
Z21988 (582076)	<0.5	6.67	<1	140	0.5	<1	5.31	<0.5	21	23.2	29.6	53.6	11.5	25	
Z21989 (582077)	<0.5	6.62	<1	76	0.7	<1	5.10	<0.5	19	23.7	28.1	45.4	11.2	24	
Z21990 (582078)	<0.5	6.75	<1	70	0.9	<1	4.81	<0.5	18	25.4	30.3	46.2	11.9	25	
Z21991 (582079)	<0.5	6.74	<1	89	0.8	<1	4.92	<0.5	19	24.4	32.6	33.3	12.1	25	
Z21992 (582080)	<0.5	0.08	<1	13	<0.5	<1	30.3	<0.5	<1	0.6	10.9	<0.5	0.19	<5	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T525775

PROJECT: AGAT00799

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 01, 2019

DATE RECEIVED: Oct 02, 2019

DATE REPORTED: Oct 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
Z21973 (582061)		<1	0.41	8	12	2.59	2080	5.4	2.09	10.5	1150	<20	<50	0.53	<1
Z21974 (582062)		<1	0.40	8	13	2.41	2090	4.7	2.10	12.8	1030	<20	<50	0.31	<1
Z21975 (582063)		<1	0.54	14	11	2.53	2090	4.5	1.81	18.7	1260	<20	<50	0.38	<1
Z21976 (582064)		<1	0.86	7	14	2.22	2100	4.6	1.71	10.9	1060	38	<50	0.91	<1
Z21977 (582065)		<1	0.86	14	12	0.58	258	4.4	4.35	8.1	470	<20	<50	0.06	<1
Z21978 (582066)		<1	0.89	15	13	0.55	235	4.8	4.47	7.9	452	<20	<50	0.04	<1
Z21979 (582067)		<1	0.80	8	14	1.86	1790	4.1	2.22	10.0	1020	<20	<50	0.18	<1
Z21980 (582068)		<1	0.77	9	12	0.99	650	4.0	3.92	5.8	484	<20	<50	0.08	<1
Z21981 (582069)		<1	0.48	7	15	2.07	1760	4.5	2.34	8.8	1180	<20	<50	0.43	<1
Z21982 (582070)		<1	0.18	8	13	2.19	1970	4.1	2.31	10.3	1230	<20	<50	0.22	<1
Z21983 (582071)		<1	0.24	8	15	2.24	1890	3.6	2.26	8.7	1190	<20	<50	0.25	<1
Z21984 (582072)		<1	1.04	15	19	1.14	643	3.0	4.38	9.3	692	<20	<50	0.45	<1
Z21985 (582073)		<1	0.27	7	13	2.19	1710	3.6	2.29	11.9	1090	<20	<50	0.25	<1
Z21986 (582074)		<1	0.21	3	12	4.64	1450	1.7	2.43	86.7	415	<20	<50	0.17	<1
Z21987 (582075)		<1	0.35	8	15	2.22	1850	4.1	2.25	19.3	1160	<20	<50	0.47	<1
Z21988 (582076)		<1	0.30	8	15	1.82	1960	4.6	2.30	8.9	1120	<20	<50	0.44	<1
Z21989 (582077)		<1	0.23	7	13	1.84	1930	4.6	2.26	8.7	1180	<20	<50	0.16	<1
Z21990 (582078)		<1	0.59	7	16	1.91	1950	4.7	2.49	10.4	1140	<20	<50	0.17	<1
Z21991 (582079)		<1	0.51	7	17	2.30	2050	5.0	2.54	9.9	1170	<20	<50	0.14	<1
Z21992 (582080)		<1	0.01	<2	<1	2.95	135	1.4	0.04	0.8	77	<20	<50	0.05	<1

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T525775

PROJECT: AGAT00799

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 01, 2019

DATE RECEIVED: Oct 02, 2019

DATE REPORTED: Oct 15, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
Z21973 (582061)	38	<10	<5	140	<10	<10	<5	1.13	<5	<50	119	<1	50	162
Z21974 (582062)	38	<10	<5	155	<10	<10	<5	1.10	<5	<50	121	<1	48	162
Z21975 (582063)	38	<10	<5	223	<10	<10	<5	1.07	<5	<50	123	<1	48	163
Z21976 (582064)	38	<10	<5	116	<10	<10	<5	1.08	<5	<50	119	<1	49	271
Z21977 (582065)	5	<10	<5	393	<10	<10	<5	0.25	<5	<50	35.0	<1	4	61.6
Z21978 (582066)	4	<10	<5	405	<10	<10	<5	0.24	<5	<50	33.4	<1	4	57.5
Z21979 (582067)	33	<10	<5	221	<10	<10	<5	0.99	<5	<50	107	<1	44	160
Z21980 (582068)	12	<10	<5	265	<10	<10	<5	0.37	<5	<50	45.2	<1	13	99.6
Z21981 (582069)	39	<10	<5	146	<10	<10	<5	1.08	<5	<50	105	<1	47	175
Z21982 (582070)	38	<10	<5	150	<10	<10	<5	1.13	<5	<50	110	<1	53	166
Z21983 (582071)	39	<10	<5	128	<10	<10	<5	1.12	<5	<50	111	<1	51	176
Z21984 (582072)	14	<10	<5	454	<10	<10	<5	0.47	<5	<50	56.1	<1	12	564
Z21985 (582073)	38	<10	<5	128	<10	<10	<5	1.07	<5	<50	115	<1	49	186
Z21986 (582074)	47	<10	<5	105	<10	<10	<5	0.73	<5	<50	317	<1	23	87.0
Z21987 (582075)	37	<10	<5	148	<10	<10	<5	1.06	<5	<50	116	<1	48	181
Z21988 (582076)	36	<10	<5	127	<10	<10	<5	1.08	<5	<50	105	<1	50	214
Z21989 (582077)	37	<10	<5	118	<10	<10	<5	1.09	<5	<50	105	<1	50	166
Z21990 (582078)	38	<10	<5	110	<10	<10	<5	1.01	<5	<50	116	<1	50	168
Z21991 (582079)	38	<10	<5	103	<10	<10	<5	1.05	<5	<50	108	<1	51	160
Z21992 (582080)	<1	<10	<5	60	<10	<10	<5	<0.01	<5	<50	1.6	<1	2	4.3

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T525775

PROJECT: AGAT00799

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 01, 2019      DATE RECEIVED: Oct 02, 2019      DATE REPORTED: Oct 15, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
Z21973 (582061)				20
Z21974 (582062)				21
Z21975 (582063)				20
Z21976 (582064)				17
Z21977 (582065)				96
Z21978 (582066)				95
Z21979 (582067)				44
Z21980 (582068)				69
Z21981 (582069)				21
Z21982 (582070)				21
Z21983 (582071)				23
Z21984 (582072)				105
Z21985 (582073)				22
Z21986 (582074)				55
Z21987 (582075)				24
Z21988 (582076)				26
Z21989 (582077)				18
Z21990 (582078)				23
Z21991 (582079)				24
Z21992 (582080)				<5

Comments: RDL - Reported Detection Limit  
 582061-582080 As, Sb values may be low due to digestion losses.  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T525775

PROJECT: AGAT00799

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 01, 2019

DATE RECEIVED: Oct 02, 2019

DATE REPORTED: Oct 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
Z21973 (582061)			0.021
Z21974 (582062)			0.005
Z21975 (582063)			0.008
Z21976 (582064)			0.008
Z21977 (582065)			0.004
Z21978 (582066)			0.003
Z21979 (582067)			0.024
Z21980 (582068)			0.003
Z21981 (582069)			0.005
Z21982 (582070)			0.003
Z21983 (582071)			0.004
Z21984 (582072)			0.006
Z21985 (582073)			0.003
Z21986 (582074)			0.522
Z21987 (582075)			0.005
Z21988 (582076)			0.004
Z21989 (582077)			0.004
Z21990 (582078)			0.004
Z21991 (582079)			0.005
Z21992 (582080)			0.002

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T525775

PROJECT: AGAT00799

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Crushing)

DATE SAMPLED: Oct 01, 2019

DATE RECEIVED: Oct 02, 2019

DATE REPORTED: Oct 15, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
Z21973 (582061)		91
Z21991 (582079)		92

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T525775

PROJECT: AGAT00799

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Oct 01, 2019      DATE RECEIVED: Oct 02, 2019      DATE REPORTED: Oct 15, 2019      SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL: 0.01
Z21973 (582061)	93

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	582061	< 0.5	< 0.5	0.0%	582075	< 0.5	< 0.5	0.0%								
Al	582061	6.71	6.76	0.7%	582075	6.89	7.02	1.9%								
As	582061	< 1	< 1	0.0%	582075	< 1	< 1	0.0%								
Ba	582061	145	129	11.7%	582075	200	204	2.0%								
Be	582061	1.2	0.7		582075	0.7	0.7	0.0%								
Bi	582061	< 1	< 1	0.0%	582075	< 1	< 1	0.0%								
Ca	582061	5.62	5.45	3.1%	582075	5.36	5.48	2.2%								
Cd	582061	< 0.5	< 0.5	0.0%	582075	< 0.5	< 0.5	0.0%								
Ce	582061	21	20	4.9%	582075	21	22	4.7%								
Co	582061	23.2	22.2	4.4%	582075	25.1	24.1	4.1%								
Cr	582061	44.4	38.5	14.2%	582075	57.4	57.5	0.2%								
Cu	582061	52.4	52.9	0.9%	582075	50.4	51.8	2.7%								
Fe	582061	11.5	11.4	0.9%	582075	11.2	11.5	2.6%								
Ga	582061	24	24	0.0%	582075	24	24	0.0%								
In	582061	< 1	< 1	0.0%	582075	< 1	< 1	0.0%								
K	582061	0.405	0.379	6.6%	582075	0.35	0.35	0.0%								
La	582061	8	7	13.3%	582075	8	9	11.8%								
Li	582061	12	12	0.0%	582075	15	15	0.0%								
Mg	582061	2.59	2.45	5.6%	582075	2.22	2.26	1.8%								
Mn	582061	2080	2070	0.5%	582075	1850	1900	2.7%								
Mo	582061	5.4	5.4	0.0%	582075	4.1	4.3	4.8%								
Na	582061	2.09	2.06	1.4%	582075	2.25	2.32	3.1%								
Ni	582061	10.5	9.6	9.0%	582075	19.3	19.1	1.0%								
P	582061	1150	1080	6.3%	582075	1160	1160	0.0%								
Pb	582061	< 20	< 20	0.0%	582075	< 20	< 20	0.0%								
Rb	582061	< 50	< 50	0.0%	582075	< 50	< 50	0.0%								
S	582061	0.53	0.54	1.9%	582075	0.47	0.47	0.0%								
Sb	582061	< 1	< 1	0.0%	582075	< 1	< 1	0.0%								
Sc	582061	38	37	2.7%	582075	37	37	0.0%								
Se	582061	< 10	< 10	0.0%	582075	< 10	< 10	0.0%								
Sn	582061	< 5	< 5	0.0%	582075	< 5	< 5	0.0%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

**(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish**

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)										
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits							
Al	10.95	11.03	101%	90% - 110%	8.17	8.44	103%	90% - 110%							
As					26	24	91%	90% - 110%							
Ba	340	350	103%	90% - 110%	540	542	100%	90% - 110%							
Be	2.6	2.9	110%	90% - 110%	4.0	3.4	84%	90% - 110%							
Ca	5.72	5.79	101%	90% - 110%	0.907	0.937	103%	90% - 110%							
Ce	122	111	91%	90% - 110%	98	93	95%	90% - 110%							
Cr	12	10	85%	90% - 110%	60.3	63.6	105%	90% - 110%							
Cu					150	149	100%	90% - 110%							
Fe	4.34	4.26	98%	90% - 110%	3.77	3.94	104%	90% - 110%							
Ga	35	34	98%	90% - 110%											
K	1.37	1.49	109%	90% - 110%											
La	58	57	99%	90% - 110%	44	43	98%	90% - 110%							
Li	37	37	101%	90% - 110%	47	46	97%	90% - 110%							
Mg	0.325	0.311	96%	90% - 110%	1.10	1.12	102%	90% - 110%							
Mn					780	798	102%	90% - 110%							
Mo					14	14	98%	90% - 110%							
Na	5.267	5.694	108%	90% - 110%	1.624	1.778	109%	90% - 110%							
Ni					32	33	103%	90% - 110%							
P					750	740	99%	90% - 110%							
Pb					31	28	91%	90% - 110%							
Sc	1.1	1.1	96%	90% - 110%	12	13	104%	90% - 110%							
Sr	1191	1102	93%	90% - 110%	144	143	99%	90% - 110%							
Ti	0.172	0.174	101%	90% - 110%	0.53	0.47	89%	90% - 110%							
V	8	8	97%	90% - 110%	77	80	104%	90% - 110%							
Y	119	129	108%	90% - 110%											
Zn	93	100	108%	90% - 110%	130	135	104%	90% - 110%							

**(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)**

Parameter	CRM #1 (GS6F)				CRM #2 (GS4H)										
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits							
Au	6.87	6.68	97%	90% - 110%	5.01	4.77	95%	90% - 110%							



## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00799  
 SAMPLING SITE:

AGAT WORK ORDER: 19T525775  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00798

AGAT WORK ORDER: 19T525778

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Oct 16, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



# Certificate of Analysis

AGAT WORK ORDER: 19T525778

PROJECT: AGAT00798

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Oct 01, 2019

DATE RECEIVED: Oct 02, 2019

DATE REPORTED: Oct 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
Z21900 (582082)		2.01
Z21901 (582083)		2.25
Z21902 (582084)		2.63
Z21903 (582085)		2.12
Z21904 (582086)		1.17
Z21905 (582087)		2.92
Z21906 (582088)		.10
Z21907 (582089)		2.30
Z21908 (582090)		1.12
Z21909 (582091)		1.24
Z21910 (582092)		1.94
Z21911 (582093)		.92
Z21912 (582094)		.68
Z21913 (582095)		.95
Z21914 (582096)		3.36
Z21915 (582097)		4.06
Z21916 (582098)		3.81
Z21917 (582099)		3.96
Z21918 (582100)		3.96
Z21919 (582101)		3.91
Z21920 (582102)		3.96
Z21921 (582103)		3.93
Z21922 (582104)		3.95
Z21923 (582105)		3.93
Z21924 (582106)		3.94
Z21925 (582107)		.73
Z21926 (582108)		.96
Z21927 (582109)		3.13
Z21928 (582110)		3.98
Z21929 (582111)		3.95
Z21930 (582112)		3.96

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T525778

PROJECT: AGAT00798

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Oct 01, 2019      DATE RECEIVED: Oct 02, 2019      DATE REPORTED: Oct 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
Z21931 (582113)		4.12
Z21932 (582114)		.66
Z21933 (582115)		3.51
Z21934 (582116)		.85
Z21935 (582117)		3.78
Z21936 (582118)		3.21
Z21937 (582119)		1.33
Z21938 (582120)		1.33
Z21939 (582121)		3.25
Z21940 (582122)		2.51
Z21941 (582123)		3.99
Z21942 (582124)		3.90
Z21943 (582125)		3.88
Z21944 (582126)		1.96
Z21945 (582127)		1.94
Z21946 (582128)		.10
Z21947 (582129)		2.60
Z21948 (582130)		2.69
Z21949 (582131)		2.38
Z21950 (582132)		2.86
Z21951 (582133)		2.33
Z21952 (582134)		.63
Z21953 (582135)		4.04
Z21954 (582136)		1.43
Z21955 (582137)		2.24
Z21956 (582138)		2.83
Z21957 (582139)		2.57
Z21958 (582140)		2.57
Z21959 (582141)		3.45
Z21960 (582142)		2.55
Z21961 (582143)		2.89

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T525778

PROJECT: AGAT00798

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Oct 01, 2019      DATE RECEIVED: Oct 02, 2019      DATE REPORTED: Oct 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
Z21962 (582144)		4.07
Z21963 (582145)		1.83
Z21964 (582146)		3.25
Z21965 (582147)		4.00
Z21966 (582148)		.10
Z21967 (582149)		3.52
Z21968 (582150)		3.62
Z21969 (582151)		3.71
Z21970 (582152)		1.12
Z21971 (582153)		.94
Z21972 (582154)		.59

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T525778

PROJECT: AGAT00798

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MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 01, 2019	DATE RECEIVED: Oct 02, 2019							DATE REPORTED: Oct 16, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z21900 (582082)	<0.5	6.69	<1	226	0.6	<1	2.50	<0.5	13	21.4	40.1	88.4	5.70	20	
Z21901 (582083)	<0.5	6.77	<1	79	0.6	<1	5.05	<0.5	12	32.0	52.9	137	10.6	23	
Z21902 (582084)	<0.5	7.29	<1	57	0.5	<1	5.98	<0.5	12	35.2	50.1	36.7	10.4	24	
Z21903 (582085)	<0.5	7.16	<1	88	0.5	<1	5.83	<0.5	12	35.1	51.4	66.3	10.1	24	
Z21904 (582086)	<0.5	7.66	<1	460	1.0	<1	2.28	<0.5	33	6.2	14.8	4.8	2.25	21	
Z21905 (582087)	<0.5	7.38	<1	240	0.8	<1	4.49	<0.5	20	25.1	39.4	48.4	8.39	24	
Z21906 (582088)	<0.5	7.15	<1	183	0.6	<1	5.87	<0.5	21	35.8	137	101	7.66	21	
Z21907 (582089)	<0.5	7.68	<1	411	0.9	<1	2.45	<0.5	32	9.2	18.2	11.2	3.39	22	
Z21908 (582090)	<0.5	6.84	<1	249	0.8	<1	3.72	<0.5	16	24.5	44.4	54.2	7.80	22	
Z21909 (582091)	<0.5	7.51	<1	323	1.1	<1	2.34	<0.5	35	4.3	13.4	4.2	1.74	22	
Z21910 (582092)	<0.5	7.66	<1	370	1.1	<1	3.01	<0.5	29	14.8	28.9	26.3	4.84	22	
Z21911 (582093)	<0.5	6.95	<1	218	0.9	<1	5.88	<0.5	25	31.8	75.2	23.0	10.8	23	
Z21912 (582094)	<0.5	0.10	<1	14	<0.5	<1	27.8	<0.5	<1	0.8	1.1	<0.5	0.17	<5	
Z21913 (582095)	<0.5	3.12	<1	759	2.0	<1	6.72	<0.5	138	52.2	499	88.8	9.20	21	
Z21914 (582096)	<0.5	6.71	<1	148	1.0	<1	5.63	<0.5	14	33.0	53.2	94.0	9.95	23	
Z21915 (582097)	<0.5	6.98	<1	81	0.6	<1	6.17	<0.5	12	33.7	48.3	84.8	10.2	23	
Z21916 (582098)	<0.5	6.94	<1	141	0.6	<1	5.76	<0.5	13	33.7	47.1	101	10.3	24	
Z21917 (582099)	<0.5	7.32	<1	125	0.7	<1	6.00	<0.5	12	39.1	52.7	111	10.5	23	
Z21918 (582100)	<0.5	7.30	<1	124	0.7	<1	6.02	<0.5	12	39.3	52.6	111	10.5	23	
Z21919 (582101)	<0.5	7.35	<1	127	0.6	<1	5.82	<0.5	13	40.0	57.5	106	10.1	24	
Z21920 (582102)	<0.5	7.34	<1	177	0.6	<1	6.38	<0.5	11	41.7	58.0	97.7	10.6	22	
Z21921 (582103)	<0.5	7.32	<1	138	0.7	<1	6.09	<0.5	12	39.4	57.3	90.5	11.3	23	
Z21922 (582104)	<0.5	7.11	<1	88	0.6	<1	6.21	<0.5	12	42.6	52.9	144	10.3	24	
Z21923 (582105)	<0.5	7.10	<1	130	0.7	<1	6.59	<0.5	11	34.7	52.5	89.8	10.9	23	
Z21924 (582106)	<0.5	7.07	<1	107	0.6	<1	5.49	<0.5	15	40.5	50.1	178	11.0	24	
Z21925 (582107)	<0.5	6.92	<1	144	1.1	<1	4.16	<0.5	11	27.4	46.0	59.6	7.42	20	
Z21926 (582108)	<0.5	7.21	<1	146	<0.5	<1	6.84	<0.5	9	39.9	131	152	8.19	17	
Z21927 (582109)	<0.5	7.29	<1	73	1.0	<1	5.70	<0.5	11	41.1	55.3	40.0	10.5	22	
Z21928 (582110)	<0.5	7.08	<1	127	0.8	<1	5.98	<0.5	15	35.1	45.5	95.1	11.0	25	
Z21929 (582111)	<0.5	6.77	<1	104	1.0	<1	5.92	<0.5	16	33.3	28.5	120	11.6	25	
Z21930 (582112)	<0.5	6.73	<1	95	0.6	<1	6.23	<0.5	17	30.1	27.7	82.6	11.8	25	
Z21931 (582113)	<0.5	6.88	<1	336	0.7	<1	6.18	<0.5	36	34.1	79.4	126	10.7	24	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T525778

PROJECT: AGAT00798

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 01, 2019	DATE RECEIVED: Oct 02, 2019							DATE REPORTED: Oct 16, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Z21932 (582114)	<0.5	0.07	<1	18	<0.5	<1	30.7	<0.5	<1	0.6	2.3	<0.5	0.17	<5	
Z21933 (582115)	<0.5	6.53	<1	248	1.4	<1	7.34	<0.5	82	37.8	238	91.4	7.94	17	
Z21934 (582116)	<0.5	4.93	<1	158	1.7	<1	6.14	<0.5	38	34.0	62.7	69.1	9.08	17	
Z21935 (582117)	<0.5	6.73	<1	236	0.7	<1	7.23	<0.5	86	33.8	175	87.0	8.10	18	
Z21936 (582118)	<0.5	6.77	<1	373	0.9	<1	6.90	<0.5	82	34.0	159	148	8.24	19	
Z21937 (582119)	<0.5	3.21	<1	1030	2.1	<1	7.09	<0.5	158	62.9	603	101	8.69	14	
Z21938 (582120)	<0.5	3.27	<1	1030	2.8	<1	7.03	<0.5	154	62.5	578	107	8.44	15	
Z21939 (582121)	<0.5	6.15	<1	472	1.0	<1	8.79	<0.5	151	43.6	342	12.1	7.08	14	
Z21940 (582122)	<0.5	4.35	6	752	1.3	<1	13.6	0.5	318	31.9	247	<0.5	6.11	8	
Z21941 (582123)	<0.5	6.87	<1	185	0.9	<1	6.08	<0.5	48	33.9	62.4	193	11.2	24	
Z21942 (582124)	<0.5	6.63	<1	268	0.9	<1	5.54	<0.5	19	30.8	37.3	67.8	11.3	25	
Z21943 (582125)	<0.5	6.43	<1	420	1.2	<1	5.78	<0.5	21	34.0	202	93.3	10.2	23	
Z21944 (582126)	<0.5	7.24	<1	306	1.0	<1	6.84	<0.5	23	32.8	51.3	84.5	11.3	26	
Z21945 (582127)	<0.5	7.77	<1	285	0.9	<1	5.28	<0.5	19	25.9	47.1	80.8	6.67	20	
Z21946 (582128)	<0.5	7.25	3	88	<0.5	<1	7.46	<0.5	9	41.2	148	152	7.62	17	
Z21947 (582129)	<0.5	7.11	<1	167	1.2	<1	6.77	<0.5	13	46.7	67.6	66.7	9.40	22	
Z21948 (582130)	<0.5	7.38	<1	164	0.7	<1	7.52	<0.5	10	48.2	70.3	27.1	10.1	23	
Z21949 (582131)	<0.5	7.20	<1	166	1.0	<1	3.83	<0.5	18	18.0	48.1	63.4	6.09	19	
Z21950 (582132)	<0.5	6.89	<1	165	0.9	<1	6.43	<0.5	13	34.0	54.6	73.6	10.2	22	
Z21951 (582133)	<0.5	6.39	<1	163	1.7	<1	6.23	<0.5	31	29.6	60.1	44.6	9.41	20	
Z21952 (582134)	<0.5	0.11	<1	13	<0.5	<1	27.5	<0.5	<1	0.9	2.2	<0.5	0.27	<5	
Z21953 (582135)	<0.5	6.59	<1	178	2.1	<1	6.18	<0.5	12	35.6	63.8	84.0	9.74	21	
Z21954 (582136)	<0.5	6.22	<1	324	3.3	<1	7.59	<0.5	49	35.4	79.9	120	10.1	22	
Z21955 (582137)	<0.5	2.45	<1	676	3.7	<1	10.7	<0.5	211	43.3	427	93.3	8.39	16	
Z21956 (582138)	<0.5	6.96	<1	290	0.8	<1	4.83	<0.5	15	28.9	49.0	72.9	7.48	20	
Z21957 (582139)	<0.5	7.05	<1	156	0.6	<1	5.80	<0.5	13	35.0	50.9	75.2	10.0	24	
Z21958 (582140)	<0.5	7.15	<1	157	0.6	<1	5.89	<0.5	14	34.4	49.1	75.6	10.2	24	
Z21959 (582141)	<0.5	6.86	<1	210	0.9	<1	5.04	<0.5	17	26.3	28.9	47.3	9.07	24	
Z21960 (582142)	<0.5	6.13	<1	1800	2.0	<1	8.38	<0.5	187	31.7	117	48.1	8.55	17	
Z21961 (582143)	<0.5	6.87	<1	346	0.8	<1	5.33	<0.5	29	26.1	47.3	48.6	9.53	24	
Z21962 (582144)	<0.5	6.84	<1	239	0.7	<1	5.43	<0.5	17	28.3	29.4	70.4	10.5	25	
Z21963 (582145)	<0.5	6.68	<1	377	0.8	<1	5.92	<0.5	24	31.0	35.2	74.0	9.93	25	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T525778

PROJECT: AGAT00798

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 01, 2019		DATE RECEIVED: Oct 02, 2019						DATE REPORTED: Oct 16, 2019				SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
Z21964 (582146)		<0.5	3.66	9	285	5.9	<1	7.35	<0.5	77	58.5	334	82.6	7.13	14
Z21965 (582147)		<0.5	6.59	<1	148	1.4	<1	4.92	<0.5	22	23.4	20.6	47.7	11.2	26
Z21966 (582148)		<0.5	7.42	<1	185	0.8	<1	6.27	<0.5	20	38.2	136	102	7.75	19
Z21967 (582149)		<0.5	6.69	<1	118	0.7	<1	5.12	<0.5	20	24.1	21.3	46.2	11.0	27
Z21968 (582150)		<0.5	6.73	<1	190	0.6	<1	5.51	<0.5	18	28.9	71.8	74.3	9.50	23
Z21969 (582151)		<0.5	7.24	<1	238	1.1	<1	5.88	<0.5	19	29.2	79.7	49.3	9.35	22
Z21970 (582152)		<0.5	6.40	<1	159	0.7	<1	5.35	<0.5	27	25.1	46.7	42.1	11.1	25
Z21971 (582153)		<0.5	2.96	<1	599	3.1	<1	8.51	<0.5	161	57.8	566	116	10.0	21
Z21972 (582154)		<0.5	0.10	<1	17	<0.5	<1	30.4	<0.5	<1	1.0	4.4	<0.5	0.25	<5

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 01, 2019

DATE RECEIVED: Oct 02, 2019

DATE REPORTED: Oct 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
Z21900 (582082)		<1	2.08	5	16	1.30	952	6.1	1.82	24.9	228	<20	<50	0.36	<1
Z21901 (582083)		<1	0.49	4	13	2.90	1730	5.1	1.54	31.0	408	<20	<50	0.37	<1
Z21902 (582084)		<1	0.28	4	15	2.79	1710	3.9	1.68	36.4	498	<20	<50	0.10	<1
Z21903 (582085)		<1	0.34	4	15	2.49	1400	3.6	1.76	36.0	445	<20	<50	0.10	<1
Z21904 (582086)		<1	0.77	18	15	0.57	351	3.8	3.55	5.6	371	<20	<50	0.02	<1
Z21905 (582087)		<1	0.64	9	21	2.11	1250	4.1	2.29	24.9	411	<20	<50	0.10	<1
Z21906 (582088)		<1	0.43	9	11	4.25	1240	1.8	2.39	102	839	<20	<50	0.09	<1
Z21907 (582089)		<1	1.13	16	20	0.83	577	3.4	3.02	8.9	372	<20	<50	0.03	<1
Z21908 (582090)		<1	0.98	7	23	2.01	1090	4.5	1.83	24.7	479	<20	<50	0.12	<1
Z21909 (582091)		<1	0.85	18	12	0.43	183	3.9	3.35	4.2	354	<20	<50	0.02	<1
Z21910 (582092)		<1	0.89	14	18	1.33	819	4.0	3.02	14.2	383	<20	<50	0.08	<1
Z21911 (582093)		<1	0.72	11	18	3.55	1870	4.6	1.96	50.5	643	<20	<50	0.12	<1
Z21912 (582094)		<1	0.02	<2	1	2.34	111	1.2	0.05	1.1	86	<20	<50	0.04	1
Z21913 (582095)		<1	2.00	67	24	9.19	1300	4.0	0.59	409	2260	<20	<50	0.21	<1
Z21914 (582096)		<1	0.60	5	16	2.77	1530	2.8	1.85	39.0	424	<20	<50	0.20	<1
Z21915 (582097)		<1	0.22	4	13	2.75	1610	2.9	1.84	35.6	444	<20	<50	0.13	<1
Z21916 (582098)		<1	0.28	5	13	2.81	1630	4.8	1.95	33.8	455	<20	<50	0.16	<1
Z21917 (582099)		<1	0.29	4	15	2.89	1730	3.7	1.88	40.5	476	<20	<50	0.17	<1
Z21918 (582100)		<1	0.29	4	15	2.85	1720	3.1	1.90	40.4	454	<20	<50	0.17	<1
Z21919 (582101)		<1	0.24	4	15	2.50	1480	3.6	1.83	40.0	488	<20	<50	0.18	<1
Z21920 (582102)		<1	0.37	4	17	3.21	1810	6.5	1.64	40.4	443	<20	<50	0.15	<1
Z21921 (582103)		<1	0.27	4	17	3.04	2050	4.6	1.74	39.0	436	<20	<50	0.23	<1
Z21922 (582104)		<1	0.20	4	14	2.74	1520	3.2	1.83	41.3	440	<20	<50	0.42	<1
Z21923 (582105)		<1	0.57	4	15	2.83	1540	7.2	1.96	34.2	480	<20	<50	0.22	<1
Z21924 (582106)		<1	0.63	6	16	3.26	1430	5.0	1.80	35.0	446	<20	<50	0.60	<1
Z21925 (582107)		<1	0.83	4	20	1.99	1100	13.6	2.18	28.8	354	<20	<50	0.11	<1
Z21926 (582108)		<1	0.20	3	12	4.43	1350	1.8	2.37	88.9	425	<20	<50	0.16	<1
Z21927 (582109)		<1	0.59	4	17	3.17	1810	4.0	2.07	48.3	457	<20	<50	0.07	<1
Z21928 (582110)		<1	0.34	5	15	2.56	1680	9.8	1.97	31.6	705	<20	<50	0.20	<1
Z21929 (582111)		<1	0.27	6	16	2.36	1960	5.1	1.88	22.1	858	<20	<50	0.28	<1
Z21930 (582112)		<1	0.21	6	15	2.40	1980	4.9	1.90	20.4	883	<20	<50	0.16	<1
Z21931 (582113)		<1	0.29	15	14	2.84	1670	5.3	2.36	39.6	1040	<20	<50	0.26	<1

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 01, 2019	DATE RECEIVED: Oct 02, 2019					DATE REPORTED: Oct 16, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
Z21932 (582114)	<1	0.01	<2	1	1.41	128	1.8	0.03	0.9	84	<20	<50	0.02	<1	
Z21933 (582115)	<1	0.23	36	16	4.88	1510	3.8	2.60	127	1240	<20	<50	0.23	<1	
Z21934 (582116)	<1	2.70	16	7	2.74	1550	7.1	2.71	62.9	1630	28	<50	0.23	<1	
Z21935 (582117)	<1	0.24	38	8	4.31	1380	3.5	2.79	88.5	1320	<20	<50	0.28	<1	
Z21936 (582118)	<1	0.39	35	16	4.03	1360	5.4	2.80	78.8	1280	<20	<50	0.52	<1	
Z21937 (582119)	<1	1.62	77	22	12.4	1360	4.8	0.65	613	2690	<20	<50	0.21	<1	
Z21938 (582120)	<1	1.67	75	23	11.6	1340	5.7	0.67	578	2730	<20	<50	0.22	<1	
Z21939 (582121)	<1	0.51	74	14	6.94	1670	4.7	2.10	229	1890	<20	<50	0.05	<1	
Z21940 (582122)	<1	0.39	159	30	4.76	2190	3.2	2.32	121	5040	<20	<50	0.09	<1	
Z21941 (582123)	<1	0.23	22	14	3.03	1710	5.4	2.91	37.8	981	<20	<50	0.42	<1	
Z21942 (582124)	<1	0.32	6	14	2.35	1950	6.9	2.39	22.9	878	<20	<50	0.15	<1	
Z21943 (582125)	<1	0.64	8	15	3.33	1700	6.0	1.98	81.1	914	<20	<50	0.25	<1	
Z21944 (582126)	<1	1.11	9	16	2.63	1870	4.8	1.43	34.8	947	<20	<50	0.41	<1	
Z21945 (582127)	<1	0.95	9	17	2.32	1000	5.7	1.94	33.7	465	<20	<50	0.31	<1	
Z21946 (582128)	<1	0.24	3	13	4.62	1310	1.7	1.61	104	395	<20	<50	0.22	<1	
Z21947 (582129)	<1	0.77	5	19	3.65	1360	5.3	1.43	63.9	365	<20	<50	0.11	<1	
Z21948 (582130)	<1	0.88	4	14	3.86	1590	4.6	1.27	69.5	388	<20	<50	0.12	<1	
Z21949 (582131)	<1	1.09	8	20	1.64	1150	7.3	1.99	21.4	399	<20	<50	0.69	<1	
Z21950 (582132)	<1	0.71	4	13	2.93	1840	5.3	1.53	34.3	515	<20	<50	0.21	<1	
Z21951 (582133)	<1	1.89	13	20	2.70	1700	4.3	2.96	35.9	291	<20	<50	0.10	<1	
Z21952 (582134)	<1	0.02	<2	1	4.11	156	2.5	0.06	1.7	89	<20	<50	0.02	<1	
Z21953 (582135)	<1	0.54	4	16	2.79	1710	5.7	2.58	35.6	504	<20	<50	0.17	<1	
Z21954 (582136)	<1	0.72	24	38	3.18	1600	6.1	2.71	40.3	1690	<20	<50	0.25	<1	
Z21955 (582137)	<1	2.01	106	51	7.38	1680	5.0	1.29	238	5250	<20	<50	0.26	<1	
Z21956 (582138)	<1	0.55	7	17	2.24	1190	6.1	3.12	36.9	467	<20	<50	0.11	<1	
Z21957 (582139)	<1	0.43	5	12	2.59	1430	6.5	2.17	33.6	586	<20	<50	0.15	<1	
Z21958 (582140)	<1	0.44	5	12	2.62	1440	6.5	2.20	32.4	593	<20	<50	0.15	<1	
Z21959 (582141)	<1	0.53	6	10	2.12	1500	4.9	2.44	20.0	734	<20	<50	0.11	<1	
Z21960 (582142)	<1	3.35	90	41	4.28	1530	4.0	1.78	57.5	4080	<20	<50	0.20	<1	
Z21961 (582143)	<1	0.66	12	10	2.37	1510	4.1	2.48	24.6	1160	<20	<50	0.13	<1	
Z21962 (582144)	<1	0.38	6	9	2.31	1620	5.1	2.47	20.8	778	<20	<50	0.13	<1	
Z21963 (582145)	<1	0.41	10	14	2.52	1650	5.4	3.04	26.6	968	<20	<50	0.17	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 01, 2019	DATE RECEIVED: Oct 02, 2019					DATE REPORTED: Oct 16, 2019					SAMPLE TYPE: Drill Core				
Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
Z21964 (582146)		<1	0.72	35	69	6.07	1360	5.1	3.17	333	1120	<20	<50	0.36	<1
Z21965 (582147)		<1	0.39	8	13	2.37	1620	4.4	2.62	14.5	1110	<20	<50	0.16	<1
Z21966 (582148)		<1	0.44	9	10	4.41	1300	2.3	2.37	110	889	<20	<50	0.09	<1
Z21967 (582149)		<1	0.34	7	11	2.43	1780	4.5	2.20	10.6	1070	<20	<50	0.17	<1
Z21968 (582150)		<1	0.39	6	10	2.97	1660	6.0	1.96	35.0	827	<20	<50	0.24	<1
Z21969 (582151)		<1	0.44	8	15	3.19	1570	3.8	2.31	50.0	870	<20	<50	0.33	<1
Z21970 (582152)		<1	0.40	11	11	2.46	2020	5.4	2.11	28.1	1220	<20	<50	0.39	<1
Z21971 (582153)		<1	1.47	76	26	9.45	1630	4.5	0.91	411	2620	<20	<50	0.25	<1
Z21972 (582154)		<1	0.02	2	1	2.02	119	2.5	0.05	1.6	104	<20	<50	0.03	<1

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 01, 2019	DATE RECEIVED: Oct 02, 2019					DATE REPORTED: Oct 16, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Z21900 (582082)	17	<10	<5	114	<10	<10	<5	0.44	<5	<50	140	<1	12	77.6	
Z21901 (582083)	37	<10	<5	95	<10	<10	<5	0.81	<5	<50	290	<1	24	119	
Z21902 (582084)	43	<10	<5	124	<10	<10	<5	0.87	<5	<50	320	<1	28	101	
Z21903 (582085)	42	<10	<5	129	<10	<10	<5	0.87	<5	<50	312	<1	26	94.5	
Z21904 (582086)	6	<10	<5	201	<10	<10	<5	0.22	<5	<50	44.1	<1	5	50.6	
Z21905 (582087)	29	<10	<5	134	<10	<10	<5	0.64	<5	<50	217	<1	20	102	
Z21906 (582088)	35	<10	<5	243	<10	<10	<5	0.85	<5	<50	230	<1	21	85.9	
Z21907 (582089)	12	<10	<5	165	<10	<10	<5	0.32	<5	<50	82.8	<1	10	63.0	
Z21908 (582090)	31	<10	<5	107	<10	<10	<5	0.69	<5	<50	235	<1	20	105	
Z21909 (582091)	4	<10	<5	184	<10	<10	<5	0.18	<5	<50	31.1	<1	5	40.4	
Z21910 (582092)	17	<10	<5	151	<10	<10	<5	0.40	<5	<50	127	<1	13	72.9	
Z21911 (582093)	39	<10	<5	214	<10	<10	<5	0.99	<5	<50	304	<1	27	133	
Z21912 (582094)	<1	<10	<5	65	<10	<10	<5	<0.01	<5	<50	2.4	<1	2	2.2	
Z21913 (582095)	21	<10	<5	832	<10	<10	<5	2.00	<5	<50	279	<1	20	92.5	
Z21914 (582096)	40	<10	<5	153	<10	<10	<5	0.81	<5	<50	294	<1	26	112	
Z21915 (582097)	41	<10	<5	126	<10	<10	<5	0.87	<5	<50	303	<1	27	103	
Z21916 (582098)	39	<10	<5	126	<10	<10	<5	0.83	<5	<50	295	<1	26	104	
Z21917 (582099)	42	<10	<5	107	<10	<10	<5	0.87	<5	<50	328	<1	28	116	
Z21918 (582100)	42	<10	<5	108	<10	<10	<5	0.87	<5	<50	336	<1	28	112	
Z21919 (582101)	44	<10	<5	113	<10	<10	<5	0.89	<5	<50	349	<1	28	110	
Z21920 (582102)	41	<10	<5	99	<10	<10	<5	0.87	<5	<50	335	<1	28	111	
Z21921 (582103)	43	<10	<5	114	<10	<10	<5	0.88	<5	<50	339	<1	29	120	
Z21922 (582104)	42	<10	<5	112	<10	<10	<5	0.82	<5	<50	332	<1	28	137	
Z21923 (582105)	40	<10	<5	142	<10	<10	<5	0.86	<5	<50	320	<1	27	142	
Z21924 (582106)	38	<10	<5	119	<10	<10	<5	0.80	<5	<50	304	<1	30	234	
Z21925 (582107)	29	<10	<5	130	<10	<10	<5	0.58	<5	<50	227	<1	24	101	
Z21926 (582108)	46	<10	<5	112	<10	<10	<5	0.69	<5	<50	314	<1	22	82.9	
Z21927 (582109)	41	<10	<5	128	<10	<10	<5	0.77	<5	<50	310	<1	27	123	
Z21928 (582110)	41	<10	<5	127	<10	<10	<5	0.96	<5	<50	269	<1	36	142	
Z21929 (582111)	41	<10	<5	122	<10	<10	<5	1.05	<5	<50	232	<1	43	145	
Z21930 (582112)	40	<10	<5	144	<10	<10	<5	1.05	<5	<50	228	<1	42	140	
Z21931 (582113)	40	<10	<5	242	<10	<10	<5	0.95	<5	<50	229	<1	39	134	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T525778

PROJECT: AGAT00798

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 01, 2019	DATE RECEIVED: Oct 02, 2019					DATE REPORTED: Oct 16, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Z21932 (582114)	<1	<10	<5	73	<10	<10	<5	<0.01	<5	<50	1.7	<1	2	1.3	
Z21933 (582115)	36	<10	<5	361	<10	<10	<5	0.59	<5	<50	198	<1	26	112	
Z21934 (582116)	28	<10	<5	499	<10	<10	<5	0.35	<5	<50	168	<1	17	364	
Z21935 (582117)	35	<10	<5	404	<10	<10	<5	0.66	<5	<50	199	<1	26	112	
Z21936 (582118)	36	<10	<5	400	<10	<10	<5	0.72	<5	<50	207	<1	30	110	
Z21937 (582119)	24	<10	<5	808	<10	<10	<5	1.72	<5	<50	232	<1	21	85.9	
Z21938 (582120)	24	<10	<5	813	<10	<10	<5	1.64	<5	<50	237	<1	22	85.0	
Z21939 (582121)	31	<10	<5	573	<10	<10	<5	0.56	<5	<50	193	<1	16	100	
Z21940 (582122)	23	<10	<5	1990	<10	<10	<5	0.22	<5	<50	151	<1	42	117	
Z21941 (582123)	40	<10	<5	335	<10	<10	<5	1.02	<5	<50	235	<1	40	138	
Z21942 (582124)	40	<10	<5	200	<10	<10	<5	1.02	<5	<50	229	<1	42	134	
Z21943 (582125)	37	<10	<5	248	<10	<10	<5	0.93	<5	<50	217	<1	36	128	
Z21944 (582126)	42	<10	<5	157	<10	<10	<5	1.04	<5	<50	256	<1	42	163	
Z21945 (582127)	22	<10	<5	195	<10	<10	<5	0.51	<5	<50	181	<1	15	80.9	
Z21946 (582128)	44	<10	<5	166	<10	<10	<5	0.59	<5	<50	290	<1	20	82.7	
Z21947 (582129)	37	<10	<5	134	<10	<10	<5	0.69	<5	<50	302	<1	23	97.6	
Z21948 (582130)	39	<10	<5	130	<10	<10	<5	0.72	<5	<50	314	<1	22	116	
Z21949 (582131)	22	<10	<5	153	<10	<10	<5	0.49	<5	<50	167	<1	16	73.3	
Z21950 (582132)	40	<10	<5	121	<10	<10	<5	0.79	<5	<50	306	<1	28	92.9	
Z21951 (582133)	39	<10	<5	186	<10	<10	<5	0.64	<5	<50	283	<1	20	217	
Z21952 (582134)	1	<10	<5	60	<10	<10	<5	<0.01	<5	<50	2.9	<1	2	3.5	
Z21953 (582135)	40	<10	<5	137	<10	<10	<5	0.74	<5	<50	312	<1	29	98.9	
Z21954 (582136)	39	<10	<5	543	<10	<10	<5	0.99	<5	<50	330	<1	37	121	
Z21955 (582137)	20	<10	<5	1550	<10	<10	<5	1.70	<5	<50	271	<1	38	106	
Z21956 (582138)	28	<10	<5	207	<10	<10	<5	0.59	<5	<50	220	<1	19	86.4	
Z21957 (582139)	37	<10	<5	157	<10	<10	<5	0.83	<5	<50	276	<1	29	129	
Z21958 (582140)	38	<10	<5	159	<10	<10	<5	0.85	<5	<50	275	<1	29	129	
Z21959 (582141)	35	<10	<5	165	<10	<10	<5	0.91	<5	<50	199	<1	36	117	
Z21960 (582142)	15	<10	<5	1230	<10	<10	<5	1.01	<5	<50	189	<1	30	94.9	
Z21961 (582143)	34	<10	<5	265	<10	<10	<5	0.92	<5	<50	201	<1	34	120	
Z21962 (582144)	38	<10	<5	157	<10	<10	<5	0.98	<5	<50	216	<1	36	123	
Z21963 (582145)	37	<10	<5	217	<10	<10	<5	0.90	<5	<50	212	<1	35	103	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T525778

PROJECT: AGAT00798

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 01, 2019	DATE RECEIVED: Oct 02, 2019					DATE REPORTED: Oct 16, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
Z21964 (582146)	20	<10	<5	633	<10	<10	<5	0.91	<5	<50	171	<1	36	60.6	
Z21965 (582147)	37	<10	<5	167	<10	<10	<5	1.01	<5	<50	113	<1	46	149	
Z21966 (582148)	35	<10	<5	245	<10	<10	<5	0.85	<5	<50	242	<1	22	90.2	
Z21967 (582149)	37	<10	<5	136	<10	<10	<5	1.03	<5	<50	118	<1	47	148	
Z21968 (582150)	36	<10	<5	149	<10	<10	<5	0.83	<5	<50	149	<1	37	99.7	
Z21969 (582151)	37	<10	<5	208	<10	<10	<5	0.77	<5	<50	174	<1	35	118	
Z21970 (582152)	36	<10	<5	163	<10	<10	<5	1.05	<5	<50	124	<1	47	146	
Z21971 (582153)	24	<10	<5	960	<10	<10	<5	1.82	<5	<50	294	<1	29	111	
Z21972 (582154)	1	<10	<5	74	<10	<10	<5	0.02	<5	<50	3.6	<1	3	2.4	

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## Certificate of Analysis

AGAT WORK ORDER: 19T525778

PROJECT: AGAT00798

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 01, 2019      DATE RECEIVED: Oct 02, 2019      DATE REPORTED: Oct 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
Z21900 (582082)				48
Z21901 (582083)				19
Z21902 (582084)				14
Z21903 (582085)				14
Z21904 (582086)				113
Z21905 (582087)				65
Z21906 (582088)				91
Z21907 (582089)				108
Z21908 (582090)				56
Z21909 (582091)				108
Z21910 (582092)				107
Z21911 (582093)				50
Z21912 (582094)				<5
Z21913 (582095)				158
Z21914 (582096)				16
Z21915 (582097)				15
Z21916 (582098)				21
Z21917 (582099)				14
Z21918 (582100)				13
Z21919 (582101)				13
Z21920 (582102)				15
Z21921 (582103)				15
Z21922 (582104)				15
Z21923 (582105)				21
Z21924 (582106)				39
Z21925 (582107)				40
Z21926 (582108)				52
Z21927 (582109)				21
Z21928 (582110)				17
Z21929 (582111)				19
Z21930 (582112)				13
Z21931 (582113)				20

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T525778

PROJECT: AGAT00798

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 01, 2019

DATE RECEIVED: Oct 02, 2019

DATE REPORTED: Oct 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Zr
	Unit:	ppm
	RDL:	5
Z21932 (582114)		<5
Z21933 (582115)		36
Z21934 (582116)		32
Z21935 (582117)		30
Z21936 (582118)		34
Z21937 (582119)		219
Z21938 (582120)		188
Z21939 (582121)		64
Z21940 (582122)		14
Z21941 (582123)		31
Z21942 (582124)		23
Z21943 (582125)		35
Z21944 (582126)		22
Z21945 (582127)		53
Z21946 (582128)		48
Z21947 (582129)		21
Z21948 (582130)		15
Z21949 (582131)		62
Z21950 (582132)		21
Z21951 (582133)		26
Z21952 (582134)		<5
Z21953 (582135)		28
Z21954 (582136)		92
Z21955 (582137)		127
Z21956 (582138)		48
Z21957 (582139)		21
Z21958 (582140)		21
Z21959 (582141)		28
Z21960 (582142)		261
Z21961 (582143)		54
Z21962 (582144)		21
Z21963 (582145)		24

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## Certificate of Analysis

AGAT WORK ORDER: 19T525778

PROJECT: AGAT00798

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 01, 2019      DATE RECEIVED: Oct 02, 2019      DATE REPORTED: Oct 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
Z21964 (582146)				192
Z21965 (582147)				36
Z21966 (582148)				91
Z21967 (582149)				23
Z21968 (582150)				30
Z21969 (582151)				22
Z21970 (582152)				29
Z21971 (582153)				119
Z21972 (582154)				<5

Comments: RDL - Reported Detection Limit  
 582082-582154 As, Sb values may be low due to digestion losses.  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T525778

PROJECT: AGAT00798

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 01, 2019

DATE RECEIVED: Oct 02, 2019

DATE REPORTED: Oct 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
Z21900 (582082)			0.042
Z21901 (582083)			0.008
Z21902 (582084)			0.006
Z21903 (582085)			0.006
Z21904 (582086)			0.002
Z21905 (582087)			0.004
Z21906 (582088)			0.333
Z21907 (582089)			0.003
Z21908 (582090)			0.005
Z21909 (582091)			0.002
Z21910 (582092)			0.004
Z21911 (582093)			0.008
Z21912 (582094)			0.002
Z21913 (582095)			0.002
Z21914 (582096)			0.004
Z21915 (582097)			0.003
Z21916 (582098)			0.018
Z21917 (582099)			0.01
Z21918 (582100)			0.005
Z21919 (582101)			0.004
Z21920 (582102)			0.005
Z21921 (582103)			0.005
Z21922 (582104)			0.008
Z21923 (582105)			0.005
Z21924 (582106)			0.006
Z21925 (582107)			0.003
Z21926 (582108)			0.523
Z21927 (582109)			0.003
Z21928 (582110)			0.006
Z21929 (582111)			0.008
Z21930 (582112)			0.005
Z21931 (582113)			0.003

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T525778

PROJECT: AGAT00798

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 01, 2019      DATE RECEIVED: Oct 02, 2019      DATE REPORTED: Oct 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
Z21932 (582114)			0.002
Z21933 (582115)			0.003
Z21934 (582116)			0.007
Z21935 (582117)			0.005
Z21936 (582118)			0.006
Z21937 (582119)			0.006
Z21938 (582120)			0.009
Z21939 (582121)			0.003
Z21940 (582122)			0.003
Z21941 (582123)			0.004
Z21942 (582124)			0.004
Z21943 (582125)			0.005
Z21944 (582126)			0.012
Z21945 (582127)			0.003
Z21946 (582128)			1.21
Z21947 (582129)			0.008
Z21948 (582130)			0.004
Z21949 (582131)			0.004
Z21950 (582132)			0.004
Z21951 (582133)			0.003
Z21952 (582134)			0.001
Z21953 (582135)			0.011
Z21954 (582136)			0.007
Z21955 (582137)			0.005
Z21956 (582138)			0.004
Z21957 (582139)			0.006
Z21958 (582140)			0.004
Z21959 (582141)			0.003
Z21960 (582142)			0.002
Z21961 (582143)			0.004
Z21962 (582144)			0.011
Z21963 (582145)			0.005

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## Certificate of Analysis

AGAT WORK ORDER: 19T525778

PROJECT: AGAT00798

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 01, 2019      DATE RECEIVED: Oct 02, 2019      DATE REPORTED: Oct 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
Z21964 (582146)			0.005
Z21965 (582147)			0.004
Z21966 (582148)			0.344
Z21967 (582149)			0.006
Z21968 (582150)			0.022
Z21969 (582151)			0.216
Z21970 (582152)			0.021
Z21971 (582153)			0.008
Z21972 (582154)			0.004

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T525778

PROJECT: AGAT00798

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Crushing)

DATE SAMPLED: Oct 01, 2019

DATE RECEIVED: Oct 02, 2019

DATE REPORTED: Oct 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
Z21900 (582082)		85
Z21920 (582102)		80
Z21938 (582120)		88
Z21959 (582141)		86

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T525778

PROJECT: AGAT00798

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Oct 01, 2019	DATE RECEIVED: Oct 02, 2019	DATE REPORTED: Oct 16, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
Z21900 (582082)		95
Z21928 (582110)		92
Z21936 (582118)		95.8
Z21954 (582136)		93.6

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	582082	< 0.5	< 0.5	0.0%	582097	< 0.5	< 0.5	0.0%	582107	< 0.5	< 0.5	0.0%	582122	< 0.5	< 0.5	0.0%
Al	582082	6.69	6.76	1.0%	582097	6.98	7.02	0.6%	582107	6.92	6.96	0.6%	582122	4.35	4.52	3.8%
As	582082	< 1	< 1	0.0%	582097	< 1	< 1	0.0%	582107	< 1	< 1	0.0%	582122	6	4	
Ba	582082	226	241	6.4%	582097	81	81	0.0%	582107	144	140	2.8%	582122	752	810	7.4%
Be	582082	0.6	1.5		582097	0.6	0.6	0.0%	582107	1.14	1.17	2.6%	582122	1.3	1.3	0.0%
Bi	582082	< 1	< 1	0.0%	582097	< 1	< 1	0.0%	582107	< 1	< 1	0.0%	582122	< 1	< 1	0.0%
Ca	582082	2.50	2.52	0.8%	582097	6.17	6.27	1.6%	582107	4.16	4.15	0.2%	582122	13.6	13.5	0.7%
Cd	582082	< 0.5	< 0.5	0.0%	582097	< 0.5	< 0.5	0.0%	582107	< 0.5	< 0.5	0.0%	582122	0.5	0.5	0.0%
Ce	582082	13	12	8.0%	582097	12	11	8.7%	582107	11	10	9.5%	582122	318	322	1.3%
Co	582082	21.4	20.5	4.3%	582097	33.7	35.9	6.3%	582107	27.4	26.0	5.2%	582122	31.9	32.6	2.2%
Cr	582082	40.1	37.3	7.2%	582097	48.3	50.5	4.5%	582107	46.0	44.5	3.3%	582122	247	236	4.6%
Cu	582082	88.4	89.3	1.0%	582097	84.8	85.7	1.1%	582107	59.6	52.1	13.4%	582122	< 0.5	< 0.5	0.0%
Fe	582082	5.70	5.80	1.7%	582097	10.2	10.4	1.9%	582107	7.42	7.18	3.3%	582122	6.11	6.35	3.9%
Ga	582082	20	20	0.0%	582097	23	24	4.3%	582107	20	20	0.0%	582122	8	9	11.8%
In	582082	< 1	< 1	0.0%	582097	< 1	< 1	0.0%	582107	< 1	< 1	0.0%	582122	< 1	< 1	0.0%
K	582082	2.08	2.22	6.5%	582097	0.22	0.22	0.0%	582107	0.831	0.775	7.0%	582122	0.39	0.40	2.5%
La	582082	5	5	0.0%	582097	4	4	0.0%	582107	4	4	0.0%	582122	159	161	1.3%
Li	582082	16	18	11.8%	582097	13	13	0.0%	582107	20	19	5.1%	582122	30	31	3.3%
Mg	582082	1.30	1.32	1.5%	582097	2.75	2.81	2.2%	582107	1.99	1.92	3.6%	582122	4.76	4.94	3.7%
Mn	582082	952	913	4.2%	582097	1610	1660	3.1%	582107	1100	1070	2.8%	582122	2190	2220	1.4%
Mo	582082	6.1	6.5	6.3%	582097	2.9	3.1	6.7%	582107	13.6	15.5	13.1%	582122	3.19	3.26	2.2%
Na	582082	1.82	1.87	2.7%	582097	1.84	1.81	1.6%	582107	2.18	2.25	3.2%	582122	2.32	2.34	0.9%
Ni	582082	24.9	23.0	7.9%	582097	35.6	37.2	4.4%	582107	28.8	26.1	9.8%	582122	121	126	4.0%
P	582082	228	210	8.2%	582097	444	487	9.2%	582107	354	324	8.8%	582122	5040	5060	0.4%
Pb	582082	< 20	< 20	0.0%	582097	< 20	< 20	0.0%	582107	< 20	< 20	0.0%	582122	< 20	< 20	0.0%
Rb	582082	< 50	< 50	0.0%	582097	< 50	< 50	0.0%	582107	< 50	< 50	0.0%	582122	< 50	< 50	0.0%
S	582082	0.36	0.36	0.0%	582097	0.13	0.13	0.0%	582107	0.11	0.10	9.5%	582122	0.09	0.09	0.0%
Sb	582082	< 1	< 1	0.0%	582097	< 1	< 1	0.0%	582107	< 1	< 1	0.0%	582122	< 1	< 1	0.0%
Sc	582082	17	16	6.1%	582097	41	42	2.4%	582107	29	27	7.1%	582122	23	24	4.3%
Se	582082	< 10	< 10	0.0%	582097	< 10	< 10	0.0%	582107	< 10	< 10	0.0%	582122	< 10	< 10	0.0%
Sn	582082	< 5	< 5	0.0%	582097	< 5	< 5	0.0%	582107	< 5	< 5	0.0%	582122	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	582082	114	116	1.7%	582097	126	125	0.8%	582107	130	132	1.5%	582122	1990	2010	1.0%
Ta	582082	< 10	< 10	0.0%	582097	< 10	< 10	0.0%	582107	< 10	< 10	0.0%	582122	< 10	< 10	0.0%
Te	582082	< 10	< 10	0.0%	582097	< 10	< 10	0.0%	582107	< 10	< 10	0.0%	582122	< 10	< 10	0.0%
Th	582082	< 5	< 5	0.0%	582097	< 5	< 5	0.0%	582107	< 5	< 5	0.0%	582122	< 5	< 5	0.0%
Ti	582082	0.44	0.46	4.4%	582097	0.867	0.859	0.9%	582107	0.58	0.56	3.5%	582122	0.222	0.227	2.2%
Tl	582082	< 5	< 5	0.0%	582097	< 5	< 5	0.0%	582107	< 5	< 5	0.0%	582122	< 5	< 5	0.0%
U	582082	< 50	< 50	0.0%	582097	< 50	< 50	0.0%	582107	< 50	< 50	0.0%	582122	< 50	< 50	0.0%
V	582082	140	141	0.7%	582097	303	312	2.9%	582107	227	214	5.9%	582122	151	151	0.0%
W	582082	< 1	< 1	0.0%	582097	< 1	< 1	0.0%	582107	< 1	< 1	0.0%	582122	< 1	< 1	0.0%
Y	582082	12	12	0.0%	582097	27	27	0.0%	582107	24	22	8.7%	582122	42	42	0.0%
Zn	582082	77.6	82.6	6.2%	582097	103	108	4.7%	582107	101	96.6	4.5%	582122	117	122	4.2%
Zr	582082	48	46	4.3%	582097	15	16	6.5%	582107	40	40	0.0%	582122	14	14	0.0%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	582132	< 0.5	< 0.5	0.0%	582147	< 0.5	< 0.5	0.0%								
Al	582132	6.89	6.90	0.1%	582147	6.59	6.54	0.8%								
As	582132	< 1	< 1	0.0%	582147	< 1	< 1	0.0%								
Ba	582132	165	168	1.8%	582147	148	147	0.7%								
Be	582132	0.9	0.9	0.0%	582147	1.39	1.34	3.7%								
Bi	582132	< 1	< 1	0.0%	582147	< 1	< 1	0.0%								
Ca	582132	6.43	6.46	0.5%	582147	4.92	4.87	1.0%								
Cd	582132	< 0.5	< 0.5	0.0%	582147	< 0.5	< 0.5	0.0%								
Ce	582132	13	13	0.0%	582147	22	23	4.4%								
Co	582132	34.0	34.3	0.9%	582147	23.4	23.8	1.7%								
Cr	582132	54.6	52.7	3.5%	582147	20.6	21.1	2.4%								
Cu	582132	73.6	75.0	1.9%	582147	47.7	48.7	2.1%								
Fe	582132	10.2	10.3	1.0%	582147	11.2	11.1	0.9%								
Ga	582132	22	21	4.7%	582147	26	26	0.0%								
In	582132	< 1	< 1	0.0%	582147	< 1	< 1	0.0%								
K	582132	0.706	0.690	2.3%	582147	0.39	0.39	0.0%								
La	582132	4	5	22.2%	582147	8	8	0.0%								
Li	582132	13	13	0.0%	582147	13	13	0.0%								
Mg	582132	2.93	2.95	0.7%	582147	2.37	2.35	0.8%								
Mn	582132	1840	1800	2.2%	582147	1620	1600	1.2%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	582132	5.3	5.0	5.8%	582147	4.36	3.94	10.1%								
Na	582132	1.53	1.54	0.7%	582147	2.62	2.60	0.8%								
Ni	582132	34.3	34.0	0.9%	582147	14.5	14.9	2.7%								
P	582132	515	496	3.8%	582147	1110	1120	0.9%								
Pb	582132	< 20	< 20	0.0%	582147	< 20	< 20	0.0%								
Rb	582132	< 50	< 50	0.0%	582147	< 50	< 50	0.0%								
S	582132	0.21	0.21	0.0%	582147	0.16	0.16	0.0%								
Sb	582132	< 1	< 1	0.0%	582147	< 1	< 1	0.0%								
Sc	582132	40	39	2.5%	582147	37	37	0.0%								
Se	582132	< 10	< 10	0.0%	582147	< 10	< 10	0.0%								
Sn	582132	< 5	< 5	0.0%	582147	< 5	< 5	0.0%								
Sr	582132	121	120	0.8%	582147	167	166	0.6%								
Ta	582132	< 10	< 10	0.0%	582147	< 10	< 10	0.0%								
Te	582132	< 10	< 10	0.0%	582147	< 10	< 10	0.0%								
Th	582132	< 5	< 5	0.0%	582147	< 5	< 5	0.0%								
Ti	582132	0.789	0.796	0.9%	582147	1.01	1.00	1.0%								
Tl	582132	< 5	< 5	0.0%	582147	< 5	< 5	0.0%								
U	582132	< 50	< 50	0.0%	582147	< 50	< 50	0.0%								
V	582132	306	306	0.0%	582147	113	114	0.9%								
W	582132	< 1	< 1	0.0%	582147	< 1	< 1	0.0%								
Y	582132	28	27	3.6%	582147	46	45	2.2%								
Zn	582132	92.9	95.3	2.6%	582147	149	147	1.4%								
Zr	582132	21	20	4.9%	582147	36	35	2.8%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	582097	0.003	0.003	0.6%	582097	0.003	0.003	0.0%	582122	0.003	0.002	24.6%	582147	0.004	0.004	6.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	582075	0.005	0.006	11.2%	582147	0.004	0.004	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.Till-2)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.09	92%	90% - 110%									8.17	8.19	100%	90% - 110%
As					26	23	89%	90% - 110%					26	23	89%	90% - 110%
Ba	340	317	93%	90% - 110%									540	512	95%	90% - 110%
Be	2.6	2.7	106%	90% - 110%									4.0	3.7	92%	90% - 110%
Ca	5.72	5.16	90%	90% - 110%									0.907	0.868	96%	90% - 110%
Ce	122	113	93%	90% - 110%									98	96	98%	90% - 110%
Co									22.1	21.2	96%	90% - 110%				
Cr					60.3	64.4	107%	90% - 110%					60.3	64.4	107%	90% - 110%
Cu					150	149	100%	90% - 110%					150	149	100%	90% - 110%
Fe	4.34	3.95	91%	90% - 110%									3.77	3.69	98%	90% - 110%
Ga	35	37	107%	90% - 110%												
K	1.37	1.37	100%	90% - 110%					2.021	2.108	104%	90% - 110%				
La	58	54	94%	90% - 110%									44	42	96%	90% - 110%
Li	37	37	99%	90% - 110%									47	46	97%	90% - 110%
Mg	0.325	0.285	88%	90% - 110%									1.10	1.07	97%	90% - 110%
Mn					780	738	95%	90% - 110%					780	738	95%	90% - 110%
Mo					14	13	96%	90% - 110%					14	13	96%	90% - 110%
Na	5.267	5.391	102%	90% - 110%									1.624	1.669	103%	90% - 110%
Ni					32	33	104%	90% - 110%					32	33	104%	90% - 110%
P					750	757	101%	90% - 110%					750	757	101%	90% - 110%
Pb					31	28	92%	90% - 110%					31	28	92%	90% - 110%
S									0.348	0.352	101%	90% - 110%				
Sc	1.1	1	93%	90% - 110%									12	13	105%	90% - 110%
Sr	1191	1125	94%	90% - 110%									144	145	101%	90% - 110%
Ti	0.172	0.161	94%	90% - 110%									0.53	0.47	88%	90% - 110%
V	8	7	91%	90% - 110%									77	80	104%	90% - 110%
Y	119	117	98%	90% - 110%												
Zn	93	85	92%	90% - 110%									130	123	95%	90% - 110%
Parameter	CRM #5 (ref.GTS-2a)				CRM #6 (ref.WMG-1a)				CRM #7 (ref.WMG-1a)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Ag					3.03	2.97	98%	90% - 110%	3.03	2.97	98%	90% - 110%				



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Al	6.96	7	101%	90% - 110%					4.75	4.85	102%	90% - 110%				
As	124	126	101%	90% - 110%												
Ba	186	185	99%	90% - 110%					216	216	100%	90% - 110%				
Ca	4.01	3.93	98%	90% - 110%					10	9	93%	90% - 110%				
Ce	24	23	94%	90% - 110%												
Co	22.1	21.2	96%	90% - 110%					191	176	92%	90% - 110%				
Cr					670	573	85%	90% - 110%	670	573	85%	90% - 110%				
Cu	88.6	82.2	93%	90% - 110%					7120	7056	99%	90% - 110%				
Fe	7.56	7.57	100%	90% - 110%					12.71	12.09	95%	90% - 110%				
K	2.021	2.108	104%	90% - 110%					0.1021	0.1107	108%	90% - 110%				
La					8.47	7.93	94%	90% - 110%	8.47	7.93	94%	90% - 110%				
Mg	2.412	2.479	103%	90% - 110%					7.41	7.53	102%	90% - 110%				
Mn	1510	1426	94%	90% - 110%												
Na	0.617	0.655	106%	90% - 110%					0.112	0.119	107%	90% - 110%				
Ni	77.1	73.6	95%	90% - 110%					2480	2236	90%	90% - 110%				
P	892	902	101%	90% - 110%					731	736	101%	90% - 110%				
S	0.348	0.352	101%	90% - 110%												
Sc					21.33	21.94	103%	90% - 110%	21.33	21.94	103%	90% - 110%				
Sr	92.8	89.8	97%	90% - 110%					39	37	96%	90% - 110%				
Ti					0.419	0.41	98%	90% - 110%	0.419	0.41	98%	90% - 110%				
V					158	170	107%	90% - 110%	158	170	107%	90% - 110%				
Y					12.67	13.37	106%	90% - 110%	12.67	13.37	106%	90% - 110%				
Zn	208	210	101%	90% - 110%					112	117	105%	90% - 110%				
Zr					35.7	36.8	103%	90% - 110%	35.7	36.8	103%	90% - 110%				

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	CRM #1 (GSP7M)				CRM #2 (GSP5G)				CRM #3 (GS6F)				CRM #4 (GS4H)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.725	0.762	105%	90% - 110%	0.562	0.518	92%	90% - 110%	6.87	6.49	94%	90% - 110%	5.01	4.89	98%	90% - 110%
	CRM #5 (GS6F)				CRM #6 (GS6F)											
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Au	6.87	6.68	97%	90% - 110%	6.87	6.67	97%	90% - 110%								

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00798  
 SAMPLING SITE:

AGAT WORK ORDER: 19T525778  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00802

AGAT WORK ORDER: 19T526352

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Oct 16, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T526352

PROJECT: AGAT00802

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Oct 02, 2019

DATE RECEIVED: Oct 03, 2019

DATE REPORTED: Oct 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D70820 (585822)		2.59
D70821 (585823)		1.24
D70822 (585824)		3.35
D70823 (585825)		2.43
D70824 (585826)		2.34
D70825 (585827)		3.03
D70826 (585828)		0.07
D70827 (585829)		0.68
D70828 (585830)		3.27
D70829 (585831)		3.42
D70830 (585832)		3.38
D70831 (585833)		1.96
D70832 (585834)		0.78
D70833 (585835)		0.62
D70834 (585836)		0.85
D70835 (585837)		0.77
D70836 (585838)		2.94
D70837 (585839)		2.88
D70838 (585840)		2.88
D70839 (585841)		1.11
D70840 (585842)		0.83
D70841 (585843)		2.23
D70842 (585844)		2.13
D70843 (585845)		2.65
D70844 (585846)		3.28
D70845 (585847)		3.14
D70846 (585848)		0.07
D70847 (585849)		3.39
D70848 (585850)		3.44
D70849 (585851)		3.42
D70850 (585852)		1.12

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T526352

PROJECT: AGAT00802

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Oct 02, 2019

DATE RECEIVED: Oct 03, 2019

DATE REPORTED: Oct 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D70851 (585853)		0.91
D70852 (585854)		0.76
D70853 (585855)		1.41
D70854 (585856)		2.30
D70855 (585857)		3.47
D70856 (585858)		3.38
D70857 (585859)		3.46
D70858 (585860)		3.46
D70859 (585861)		3.43
D70860 (585862)		1.42
D70861 (585863)		2.68
D70862 (585864)		2.58
D70863 (585865)		2.38
D70864 (585866)		2.50
D70865 (585867)		2.32
D70866 (585868)		0.07
D70867 (585869)		3.35
D70868 (585870)		1.40
D70869 (585871)		2.13
D70870 (585872)		2.29
D70871 (585873)		2.23
D70872 (585874)		0.68
D70873 (585875)		2.52
D70874 (585876)		0.83
D70875 (585877)		3.17
D70876 (585878)		3.46
D70877 (585879)		3.37
D70878 (585880)		3.37
D70879 (585881)		2.32
D70880 (585882)		2.34
D70881 (585883)		3.83

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T526352

PROJECT: AGAT00802

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Oct 02, 2019

DATE RECEIVED: Oct 03, 2019

DATE REPORTED: Oct 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D70882 (585884)		2.64
D70883 (585885)		1.96
D70884 (585886)		3.53
D70885 (585887)		3.51
D70886 (585888)		0.07
D70887 (585889)		1.67
D70888 (585890)		0.89
D70889 (585891)		3.10
D70890 (585892)		3.52
D70891 (585893)		3.50
D70892 (585894)		0.69

 Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:







## Certificate of Analysis

AGAT WORK ORDER: 19T526352

PROJECT: AGAT00802

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 02, 2019	DATE RECEIVED: Oct 03, 2019							DATE REPORTED: Oct 16, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D70820 (585822)	<0.5	8.70	<1	275	2.0	<1	6.41	<0.5	24	28.2	55.3	86.7	6.58	24	
D70821 (585823)	<0.5	8.52	2	248	1.6	<1	3.13	<0.5	4	5.3	82.5	11.2	1.57	19	
D70822 (585824)	<0.5	9.25	<1	95	0.6	<1	6.30	<0.5	18	29.2	69.1	57.4	6.56	22	
D70823 (585825)	<0.5	8.92	<1	123	0.8	<1	5.88	<0.5	20	27.7	84.8	72.6	6.19	21	
D70824 (585826)	<0.5	9.48	<1	82	0.6	<1	6.57	<0.5	18	27.1	81.3	62.2	6.44	22	
D70825 (585827)	<0.5	9.19	<1	114	0.7	<1	6.04	<0.5	19	27.3	73.1	53.6	6.31	22	
D70826 (585828)	<0.5	7.12	<1	142	0.5	<1	6.72	<0.5	9	37.8	134	152	8.02	18	
D70827 (585829)	<0.5	8.84	<1	385	0.7	<1	4.17	<0.5	30	16.9	80.4	127	3.97	21	
D70828 (585830)	<0.5	9.40	<1	83	0.9	<1	6.44	<0.5	21	28.1	58.1	58.4	7.08	24	
D70829 (585831)	<0.5	9.12	<1	93	0.6	<1	6.23	<0.5	22	26.3	58.4	38.3	6.57	23	
D70830 (585832)	<0.5	8.89	<1	102	0.6	<1	5.85	<0.5	23	24.0	60.0	56.8	5.96	22	
D70831 (585833)	<0.5	8.77	<1	204	0.7	<1	5.88	<0.5	33	23.6	90.4	30.0	6.00	22	
D70832 (585834)	<0.5	0.07	<1	20	<0.5	<1	31.8	<0.5	<1	<0.5	16.7	<0.5	0.09	<5	
D70833 (585835)	<0.5	7.36	<1	310	0.7	<1	3.52	<0.5	40	12.1	103	21.4	3.95	18	
D70834 (585836)	<0.5	8.18	<1	128	0.8	<1	6.10	<0.5	28	29.9	112	65.4	7.67	22	
D70835 (585837)	<0.5	3.43	<1	1090	2.9	<1	9.02	<0.5	166	52.4	476	125	9.46	20	
D70836 (585838)	<0.5	7.10	<1	54	1.1	<1	6.09	<0.5	12	39.7	142	134	10.5	24	
D70837 (585839)	<0.5	7.16	<1	106	1.2	<1	5.70	<0.5	23	34.3	55.9	30.4	10.3	26	
D70838 (585840)	<0.5	7.12	<1	100	1.2	<1	5.70	<0.5	22	34.9	58.4	31.6	10.4	26	
D70839 (585841)	<0.5	2.89	<1	1360	3.5	<1	10.1	<0.5	185	52.4	361	78.8	10.3	22	
D70840 (585842)	<0.5	8.33	<1	256	1.5	<1	4.56	<0.5	32	14.6	131	61.2	3.03	20	
D70841 (585843)	<0.5	9.72	<1	61	0.6	<1	5.81	<0.5	13	21.5	84.0	92.8	4.40	22	
D70842 (585844)	<0.5	8.49	<1	91	1.3	<1	5.63	<0.5	18	24.4	95.9	23.7	6.68	22	
D70843 (585845)	<0.5	7.69	<1	65	1.1	<1	6.14	<0.5	8	39.8	101	97.0	10.8	24	
D70844 (585846)	<0.5	8.84	<1	110	0.9	<1	6.03	<0.5	22	28.2	71.0	44.5	7.46	23	
D70845 (585847)	<0.5	9.24	<1	85	0.5	<1	6.22	<0.5	25	25.4	66.9	24.7	7.17	23	
D70846 (585848)	<0.5	7.48	<1	187	0.8	<1	6.43	<0.5	21	38.2	138	105	7.87	21	
D70847 (585849)	<0.5	8.88	<1	143	0.7	<1	5.50	<0.5	26	20.1	60.0	26.5	6.29	23	
D70848 (585850)	<0.5	8.83	<1	107	0.8	<1	5.67	<0.5	27	21.1	83.4	39.2	6.45	21	
D70849 (585851)	<0.5	8.67	<1	115	0.8	<1	5.78	<0.5	29	20.9	59.1	26.5	6.60	23	
D70850 (585852)	<0.5	9.40	<1	103	0.8	<1	6.11	<0.5	33	17.2	65.1	70.0	7.18	24	
D70851 (585853)	<0.5	7.89	<1	224	0.8	<1	3.58	<0.5	29	9.3	102	52.3	3.43	16	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T526352

PROJECT: AGAT00802

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 02, 2019	DATE RECEIVED: Oct 03, 2019							DATE REPORTED: Oct 16, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D70852 (585854)	<0.5	0.19	<1	26	<0.5	<1	31.3	<0.5	<1	0.8	21.0	<0.5	0.21	<5	
D70853 (585855)	<0.5	9.28	<1	120	<0.5	<1	6.01	<0.5	30	22.0	67.0	45.2	7.06	24	
D70854 (585856)	<0.5	9.26	<1	102	0.5	<1	6.05	<0.5	29	23.1	58.8	38.7	7.14	23	
D70855 (585857)	<0.5	8.65	<1	146	1.8	<1	5.73	<0.5	29	22.9	137	48.4	6.82	22	
D70856 (585858)	<0.5	8.70	<1	300	0.7	<1	5.13	<0.5	43	20.9	44.2	73.3	5.83	22	
D70857 (585859)	<0.5	9.13	<1	119	0.7	<1	6.06	<0.5	31	20.4	7.2	22.2	7.32	24	
D70858 (585860)	<0.5	9.26	<1	121	0.7	<1	6.13	<0.5	30	20.7	7.2	26.6	7.32	24	
D70859 (585861)	<0.5	8.97	<1	107	0.6	<1	5.74	<0.5	27	21.4	14.3	50.5	7.13	23	
D70860 (585862)	<0.5	8.66	<1	144	0.5	<1	5.55	<0.5	28	22.2	9.6	81.4	7.21	23	
D70861 (585863)	<0.5	7.77	<1	197	0.8	<1	4.07	<0.5	20	15.9	32.1	38.0	4.71	19	
D70862 (585864)	<0.5	9.03	<1	116	0.8	<1	5.74	<0.5	31	20.0	10.1	55.0	7.17	23	
D70863 (585865)	<0.5	8.80	<1	122	0.7	<1	5.59	<0.5	33	21.5	9.0	32.6	7.06	22	
D70864 (585866)	<0.5	9.24	<1	146	0.7	<1	5.63	<0.5	34	16.4	7.2	36.1	7.33	23	
D70865 (585867)	<0.5	8.77	<1	140	0.8	<1	4.69	<0.5	34	12.8	4.6	36.4	6.94	24	
D70866 (585868)	<0.5	7.42	<1	185	0.8	<1	6.26	<0.5	20	37.2	139	102	7.69	21	
D70867 (585869)	<0.5	8.36	<1	226	0.8	<1	4.44	<0.5	36	12.7	9.1	65.6	6.56	22	
D70868 (585870)	<0.5	3.50	<1	1030	4.2	<1	10.3	<0.5	201	42.7	273	119	10.1	25	
D70869 (585871)	<0.5	8.36	<1	269	1.0	<1	4.10	<0.5	31	12.4	9.0	58.0	5.73	21	
D70870 (585872)	<0.5	8.44	<1	194	0.8	<1	4.64	<0.5	35	14.7	11.4	12.8	6.68	22	
D70871 (585873)	<0.5	8.74	<1	243	1.0	<1	4.94	<0.5	46	17.1	19.2	56.8	7.35	23	
D70872 (585874)	<0.5	0.06	<1	17	<0.5	<1	31.8	<0.5	<1	<0.5	1.9	<0.5	0.09	<5	
D70873 (585875)	<0.5	8.54	<1	242	0.7	<1	4.66	<0.5	39	15.7	13.9	44.2	6.40	22	
D70874 (585876)	<0.5	6.57	<1	360	1.9	<1	3.03	<0.5	26	12.8	75.7	4.8	4.57	18	
D70875 (585877)	<0.5	8.34	<1	252	1.1	<1	4.01	<0.5	39	13.1	18.8	32.5	5.82	21	
D70876 (585878)	<0.5	8.31	<1	181	0.9	<1	4.26	<0.5	39	10.6	3.7	7.0	6.06	21	
D70877 (585879)	<0.5	8.40	<1	236	0.7	<1	4.15	<0.5	35	11.6	6.1	39.2	6.01	21	
D70878 (585880)	<0.5	8.13	<1	234	0.7	<1	4.17	<0.5	36	11.6	4.5	35.3	5.81	21	
D70879 (585881)	<0.5	8.55	<1	240	1.1	<1	4.32	<0.5	38	13.0	7.1	26.4	6.34	22	
D70880 (585882)	<0.5	8.32	<1	204	0.9	<1	3.70	<0.5	42	7.7	5.9	3.0	5.39	20	
D70881 (585883)	<0.5	8.57	<1	198	0.8	<1	4.05	<0.5	44	8.6	97.8	0.6	5.90	21	
D70882 (585884)	<0.5	8.32	<1	171	0.8	<1	4.01	<0.5	40	7.5	73.2	5.5	5.96	20	
D70883 (585885)	<0.5	7.22	<1	317	1.0	<1	2.35	<0.5	54	4.4	86.9	2.1	3.43	18	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T526352

PROJECT: AGAT00802

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 02, 2019	DATE RECEIVED: Oct 03, 2019							DATE REPORTED: Oct 16, 2019				SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D70884 (585886)		<0.5	8.22	<1	228	1.1	<1	3.40	<0.5	47	6.7	86.6	<0.5	5.00	21
D70885 (585887)		<0.5	8.53	<1	204	1.0	<1	3.82	<0.5	43	7.7	83.4	<0.5	5.30	21
D70886 (585888)		<0.5	7.07	<1	141	0.5	<1	6.69	<0.5	9	38.9	179	149	7.97	18
D70887 (585889)		<0.5	8.60	<1	228	0.9	<1	3.69	<0.5	42	7.5	5.4	<0.5	5.30	21
D70888 (585890)		<0.5	7.45	<1	267	0.8	<1	2.66	<0.5	31	6.0	7.4	21.7	3.73	15
D70889 (585891)		<0.5	8.46	<1	193	1.2	<1	4.02	<0.5	42	9.3	4.8	5.9	6.13	22
D70890 (585892)		<0.5	7.04	<1	266	1.9	<1	4.37	<0.5	58	16.2	146	0.9	5.67	18
D70891 (585893)		<0.5	8.58	<1	216	1.1	<1	3.87	<0.5	44	7.8	5.5	<0.5	5.44	21
D70892 (585894)		<0.5	0.07	<1	17	<0.5	<1	30.9	<0.5	<1	<0.5	3.8	<0.5	0.10	<5

Certified By:



## Certificate of Analysis

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 02, 2019	DATE RECEIVED: Oct 03, 2019					DATE REPORTED: Oct 16, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D70820 (585822)	<1	1.96	10	33	2.94	1060	4.8	2.78	58.4	1230	<20	<50	0.09	<1	
D70821 (585823)	<1	0.86	<2	20	0.53	293	15.3	3.21	11.7	169	<20	<50	0.02	<1	
D70822 (585824)	<1	0.54	8	14	2.73	947	6.8	2.50	51.6	1210	<20	<50	0.06	<1	
D70823 (585825)	<1	0.62	8	21	2.49	930	9.6	2.52	47.2	1210	<20	<50	0.08	<1	
D70824 (585826)	<1	0.49	8	17	2.62	943	6.0	2.70	47.9	1230	<20	<50	0.06	<1	
D70825 (585827)	<1	0.59	9	21	2.51	924	8.2	2.61	46.8	1300	<20	<50	0.05	<1	
D70826 (585828)	<1	0.20	3	12	4.51	1330	1.5	2.34	82.1	377	<20	<50	0.15	<1	
D70827 (585829)	<1	1.14	15	27	1.49	461	9.3	2.68	28.9	904	<20	<50	0.11	<1	
D70828 (585830)	<1	0.59	9	20	2.70	1120	7.0	2.65	46.3	1730	<20	<50	0.04	<1	
D70829 (585831)	<1	0.58	10	19	2.54	981	6.1	2.62	41.6	1840	<20	<50	0.03	<1	
D70830 (585832)	<1	0.49	11	18	2.29	876	8.0	2.60	37.9	1520	<20	<50	0.04	<1	
D70831 (585833)	<1	0.62	16	21	2.45	923	6.2	2.82	49.3	1720	<20	<50	0.03	<1	
D70832 (585834)	<1	0.01	<2	1	1.30	91	1.0	0.03	<0.5	73	<20	<50	<0.01	<1	
D70833 (585835)	<1	0.71	21	22	1.17	602	12.4	2.93	21.9	820	<20	<50	0.05	<1	
D70834 (585836)	<1	0.57	13	20	3.32	1230	6.5	2.64	56.7	1090	<20	<50	0.06	<1	
D70835 (585837)	<1	1.72	86	12	9.12	1570	2.7	1.27	329	2750	<20	<50	0.15	<1	
D70836 (585838)	<1	0.60	5	20	3.41	1580	12.1	1.76	46.5	670	<20	<50	0.14	<1	
D70837 (585839)	<1	0.72	10	21	2.87	1430	6.4	2.35	31.7	971	<20	<50	0.06	<1	
D70838 (585840)	<1	0.68	10	21	2.90	1450	5.5	2.30	31.5	969	<20	<50	0.05	<1	
D70839 (585841)	<1	1.73	92	12	9.16	1850	2.4	0.98	278	3460	<20	<50	0.16	<1	
D70840 (585842)	<1	0.61	16	22	1.50	552	8.0	3.65	39.2	768	<20	<50	0.11	<1	
D70841 (585843)	<1	0.26	7	14	1.94	813	9.2	2.81	43.8	497	<20	<50	0.13	<1	
D70842 (585844)	<1	0.52	8	21	2.38	1040	6.8	2.76	45.4	1130	<20	<50	0.04	<1	
D70843 (585845)	<1	0.49	3	27	3.77	1740	6.9	2.04	49.0	379	<20	<50	0.14	<1	
D70844 (585846)	<1	0.40	9	25	2.81	1140	5.9	2.58	49.9	1690	<20	<50	0.04	<1	
D70845 (585847)	<1	0.37	10	22	2.55	1070	8.0	2.62	40.1	1990	<20	<50	0.02	<1	
D70846 (585848)	<1	0.44	9	10	4.61	1310	1.9	2.39	108	851	<20	<50	0.09	<1	
D70847 (585849)	<1	0.54	12	24	2.03	943	8.1	2.74	25.9	1900	<20	<50	0.03	<1	
D70848 (585850)	<1	0.48	12	23	2.14	987	8.9	2.74	28.4	1960	<20	<50	0.06	<1	
D70849 (585851)	<1	0.44	12	22	2.07	985	7.4	2.81	23.3	2260	<20	<50	0.04	<1	
D70850 (585852)	<1	0.44	13	25	2.16	1150	7.4	2.99	19.4	2770	<20	<50	0.05	<1	
D70851 (585853)	<1	0.71	14	31	1.07	672	13.9	2.56	10.0	1050	<20	<50	0.04	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T526352

PROJECT: AGAT00802

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 02, 2019	DATE RECEIVED: Oct 03, 2019					DATE REPORTED: Oct 16, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D70852 (585854)	<1	0.02	<2	1	1.49	108	1.4	0.08	1.1	78	<20	<50	<0.01	<1	
D70853 (585855)	<1	0.37	13	22	2.25	1030	6.4	2.73	24.9	2450	<20	<50	0.03	<1	
D70854 (585856)	<1	0.36	12	24	2.36	1070	7.0	2.65	29.2	2270	<20	<50	0.03	<1	
D70855 (585857)	<1	0.46	12	23	2.21	1000	12.1	2.75	29.8	2200	<20	<50	0.04	<1	
D70856 (585858)	<1	0.78	20	23	2.50	891	1.5	2.85	56.1	1780	<20	<50	0.08	<1	
D70857 (585859)	<1	0.43	13	18	2.18	1070	1.5	3.02	20.9	2440	<20	<50	0.04	<1	
D70858 (585860)	<1	0.44	13	19	2.22	1070	1.4	3.06	20.9	2500	<20	<50	0.04	<1	
D70859 (585861)	<1	0.47	12	21	2.19	1060	1.3	2.87	26.3	2070	<20	<50	0.06	<1	
D70860 (585862)	<1	0.62	12	23	2.22	1020	1.8	2.78	26.7	2310	<20	<50	0.09	<1	
D70861 (585863)	<1	0.79	9	23	1.66	737	1.4	2.56	34.2	1260	<20	<50	0.05	<1	
D70862 (585864)	<1	0.55	13	20	2.13	1090	1.6	2.97	23.8	2130	<20	<50	0.07	<1	
D70863 (585865)	<1	0.57	14	20	2.17	1070	1.7	2.82	24.1	2220	<20	<50	0.05	<1	
D70864 (585866)	<1	0.57	14	22	1.93	1160	2.7	3.17	15.4	2110	<20	<50	0.08	<1	
D70865 (585867)	<1	0.54	15	21	1.37	1310	5.4	3.08	4.9	1720	<20	<50	0.10	<1	
D70866 (585868)	<1	0.44	9	10	4.55	1290	2.0	2.36	104	856	<20	<50	0.08	<1	
D70867 (585869)	<1	0.63	17	19	1.41	1140	2.3	3.34	10.6	1440	<20	<50	0.12	<1	
D70868 (585870)	<1	1.92	102	19	7.39	1870	2.3	1.45	204	3640	<20	<50	0.23	<1	
D70869 (585871)	<1	0.88	14	20	1.39	966	1.7	3.38	10.4	1480	<20	<50	0.08	<1	
D70870 (585872)	<1	0.79	16	20	1.56	1060	1.7	3.26	16.8	1510	<20	<50	0.02	<1	
D70871 (585873)	<1	0.73	20	22	2.17	1330	2.2	3.30	15.8	1720	<20	<50	0.07	<1	
D70872 (585874)	<1	<0.01	<2	<1	1.36	115	<0.5	0.03	<0.5	79	<20	<50	<0.01	<1	
D70873 (585875)	<1	0.67	18	18	1.82	1190	1.7	3.36	11.0	1500	<20	<50	0.13	<1	
D70874 (585876)	<1	2.59	12	23	1.87	838	4.7	2.92	59.6	651	<20	<50	0.04	<1	
D70875 (585877)	<1	0.87	18	22	1.50	1100	2.0	3.16	13.0	1390	<20	<50	0.13	<1	
D70876 (585878)	<1	0.77	17	20	1.36	1250	1.9	3.10	0.9	1500	<20	<50	0.06	<1	
D70877 (585879)	<1	0.78	16	20	1.37	1160	1.7	3.10	1.1	1530	<20	<50	0.16	<1	
D70878 (585880)	<1	0.75	16	20	1.34	1140	1.8	3.10	0.7	1490	<20	<50	0.15	<1	
D70879 (585881)	<1	0.99	15	19	1.63	1240	1.4	3.18	9.0	1770	<20	<50	0.09	<1	
D70880 (585882)	<1	0.83	19	16	1.00	1130	2.1	3.44	0.9	1410	<20	<50	0.03	<1	
D70881 (585883)	<1	0.78	19	17	1.19	1290	12.8	3.36	1.7	1740	<20	<50	0.02	<1	
D70882 (585884)	<1	0.72	18	15	1.12	1280	10.3	3.51	1.6	1630	<20	<50	0.03	<1	
D70883 (585885)	<1	0.93	25	18	0.52	698	14.7	3.13	2.8	713	<20	<50	0.02	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T526352

PROJECT: AGAT00802

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 02, 2019		DATE RECEIVED: Oct 03, 2019					DATE REPORTED: Oct 16, 2019					SAMPLE TYPE: Drill Core				
Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1	
D70884 (585886)		<1	0.87	21	18	0.86	1100	11.8	3.44	2.2	1330	<20	<50	0.01	<1	
D70885 (585887)		<1	0.76	19	16	0.98	1100	10.2	3.59	3.0	1360	<20	<50	<0.01	<1	
D70886 (585888)		<1	0.20	3	13	4.50	1340	1.5	2.32	85.0	396	<20	<50	0.15	<1	
D70887 (585889)		<1	0.79	19	15	0.96	1150	1.5	3.53	1.5	1330	<20	<50	0.01	<1	
D70888 (585890)		<1	0.78	14	16	0.62	1360	2.0	3.03	1.0	825	<20	<50	0.06	<1	
D70889 (585891)		<1	0.95	18	13	1.27	1310	1.8	3.40	0.8	1700	<20	<50	0.03	<1	
D70890 (585892)		<1	1.14	25	32	2.70	1350	1.7	2.63	76.2	1600	<20	<50	0.03	<1	
D70891 (585893)		<1	1.08	19	13	1.00	1170	2.2	3.56	1.8	1410	<20	<50	0.02	<1	
D70892 (585894)		<1	0.01	<2	2	2.65	105	<0.5	0.03	<0.5	85	<20	<50	<0.01	<1	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 02, 2019	DATE RECEIVED: Oct 03, 2019					DATE REPORTED: Oct 16, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D70820 (585822)	28	<10	<5	292	<10	<10	<5	0.59	<5	<50	232	<1	18	112	
D70821 (585823)	6	<10	<5	245	<10	<10	<5	0.13	<5	<50	45.4	<1	4	26.8	
D70822 (585824)	24	<10	<5	290	<10	<10	<5	0.68	<5	<50	253	<1	12	79.7	
D70823 (585825)	21	<10	<5	257	<10	<10	<5	0.69	<5	<50	235	<1	13	79.4	
D70824 (585826)	23	<10	<5	290	<10	<10	<5	0.72	<5	<50	238	<1	14	79.9	
D70825 (585827)	22	<10	<5	279	<10	<10	<5	0.70	<5	<50	236	<1	14	80.3	
D70826 (585828)	45	<10	<5	109	<10	<10	<5	0.69	<5	<50	300	<1	22	78.9	
D70827 (585829)	12	<10	<5	368	<10	<10	<5	0.49	<5	<50	123	<1	7	60.1	
D70828 (585830)	26	<10	<5	262	<10	<10	<5	0.86	<5	<50	246	<1	24	85.6	
D70829 (585831)	24	<10	<5	264	<10	<10	<5	0.95	<5	<50	237	<1	17	79.4	
D70830 (585832)	21	<10	<5	269	<10	<10	<5	0.79	<5	<50	209	<1	15	73.8	
D70831 (585833)	21	<10	<5	336	<10	<10	<5	0.84	<5	<50	203	<1	16	79.2	
D70832 (585834)	<1	<10	<5	75	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	2.6	
D70833 (585835)	12	<10	<5	202	<10	<10	<5	0.48	<5	<50	107	<1	14	60.0	
D70834 (585836)	31	<10	<5	253	<10	<10	<5	0.82	<5	<50	281	<1	21	103	
D70835 (585837)	26	<10	<5	874	<10	<10	<5	1.83	<5	<50	255	<1	28	96.5	
D70836 (585838)	43	<10	<5	136	<10	<10	<5	0.96	<5	<50	370	<1	24	106	
D70837 (585839)	39	<10	<5	212	<10	<10	<5	1.07	<5	<50	375	<1	25	112	
D70838 (585840)	40	<10	<5	203	<10	<10	<5	1.07	<5	<50	385	<1	26	112	
D70839 (585841)	27	<10	<5	966	<10	<10	<5	1.75	<5	<50	230	<1	29	116	
D70840 (585842)	9	<10	<5	385	<10	<10	<5	0.23	<5	<50	71.4	<1	9	48.3	
D70841 (585843)	17	<10	<5	279	<10	<10	<5	0.35	<5	<50	120	<1	10	61.0	
D70842 (585844)	25	<10	<5	252	<10	<10	<5	0.73	<5	<50	223	<1	17	84.1	
D70843 (585845)	42	<10	<5	134	<10	<10	<5	1.03	<5	<50	395	<1	18	151	
D70844 (585846)	27	<10	<5	252	<10	<10	<5	0.93	<5	<50	249	<1	18	89.6	
D70845 (585847)	26	<10	<5	279	<10	<10	<5	0.99	<5	<50	240	<1	18	87.6	
D70846 (585848)	35	<10	<5	245	<10	<10	<5	0.88	<5	<50	241	<1	22	90.2	
D70847 (585849)	22	<10	<5	303	<10	<10	<5	0.96	<5	<50	194	<1	18	80.1	
D70848 (585850)	23	<10	<5	283	<10	<10	<5	0.96	<5	<50	197	<1	20	84.6	
D70849 (585851)	24	<10	<5	284	<10	<10	<5	1.15	<5	<50	197	<1	20	84.1	
D70850 (585852)	26	<10	<5	296	<10	<10	<5	1.29	<5	<50	188	<1	23	90.2	
D70851 (585853)	12	<10	<5	243	<10	<10	<5	0.50	<5	<50	78.0	<1	20	47.0	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T526352

PROJECT: AGAT00802

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 02, 2019	DATE RECEIVED: Oct 03, 2019					DATE REPORTED: Oct 16, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D70852 (585854)	1	<10	<5	73	<10	<10	<5	0.02	<5	<50	4.0	<1	2	4.3	
D70853 (585855)	25	<10	<5	289	<10	<10	<5	1.21	<5	<50	208	<1	20	90.8	
D70854 (585856)	26	<10	<5	283	<10	<10	<5	1.11	<5	<50	206	<1	20	94.8	
D70855 (585857)	25	<10	<5	264	<10	<10	<5	1.01	<5	<50	204	<1	20	89.4	
D70856 (585858)	21	<10	<5	396	<10	<10	<5	0.84	<5	<50	165	<1	17	81.0	
D70857 (585859)	26	<10	<5	331	<10	<10	<5	1.24	<5	<50	198	<1	21	93.1	
D70858 (585860)	26	<10	<5	334	<10	<10	<5	1.24	<5	<50	201	<1	21	92.0	
D70859 (585861)	24	<10	<5	284	<10	<10	<5	1.06	<5	<50	189	<1	20	88.6	
D70860 (585862)	24	<10	<5	280	<10	<10	<5	1.07	<5	<50	185	<1	19	90.7	
D70861 (585863)	16	<10	<5	255	<10	<10	<5	0.64	<5	<50	122	<1	14	72.0	
D70862 (585864)	25	<10	<5	288	<10	<10	<5	1.04	<5	<50	176	<1	22	95.7	
D70863 (585865)	26	<10	<5	275	<10	<10	<5	1.08	<5	<50	195	<1	22	92.9	
D70864 (585866)	26	<10	<5	308	<10	<10	<5	1.15	<5	<50	142	<1	23	102	
D70865 (585867)	27	<10	<5	301	<10	<10	<5	0.99	<5	<50	55.0	<1	23	103	
D70866 (585868)	34	<10	<5	241	<10	<10	<5	0.86	<5	<50	238	<1	22	87.0	
D70867 (585869)	24	<10	<5	347	<10	<10	<5	0.82	<5	<50	87.0	<1	23	105	
D70868 (585870)	25	<10	<5	1270	<10	<10	<5	2.11	<5	<50	305	<1	37	123	
D70869 (585871)	22	<10	<5	321	<10	<10	<5	0.80	<5	<50	96.2	<1	22	86.2	
D70870 (585872)	24	<10	<5	302	<10	<10	<5	0.86	<5	<50	120	<1	23	98.9	
D70871 (585873)	24	<10	<5	344	<10	<10	<5	0.83	<5	<50	106	<1	26	115	
D70872 (585874)	<1	<10	<5	74	<10	<10	<5	<0.01	<5	<50	0.8	<1	2	2.5	
D70873 (585875)	21	<10	<5	397	<10	<10	<5	0.74	<5	<50	81.9	<1	24	102	
D70874 (585876)	15	<10	<5	223	<10	<10	<5	0.27	<5	<50	80.0	<1	11	78.3	
D70875 (585877)	17	<10	<5	292	<10	<10	<5	0.63	<5	<50	62.4	<1	24	93.2	
D70876 (585878)	19	<10	<5	257	<10	<10	<5	0.70	<5	<50	59.6	<1	26	104	
D70877 (585879)	18	<10	<5	241	<10	<10	<5	0.69	<5	<50	61.3	<1	23	93.6	
D70878 (585880)	18	<10	<5	243	<10	<10	<5	0.69	<5	<50	60.3	<1	24	92.7	
D70879 (585881)	19	<10	<5	283	<10	<10	<5	0.73	<5	<50	65.8	<1	30	106	
D70880 (585882)	16	<10	<5	267	<10	<10	<5	0.57	<5	<50	30.1	<1	27	97.0	
D70881 (585883)	18	<10	<5	280	<10	<10	<5	0.68	<5	<50	30.5	<1	31	106	
D70882 (585884)	18	<10	<5	270	<10	<10	<5	0.65	<5	<50	28.6	<1	29	110	
D70883 (585885)	10	<10	<5	175	<10	<10	<5	0.34	<5	<50	17.7	<1	27	81.3	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T526352

PROJECT: AGAT00802

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 02, 2019	DATE RECEIVED: Oct 03, 2019					DATE REPORTED: Oct 16, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D70884 (585886)	15	<10	<5	251	<10	<10	<5	0.52	<5	<50	23.8	<1	30	102	
D70885 (585887)	17	<10	<5	272	<10	<10	<5	0.56	<5	<50	32.6	<1	28	91.1	
D70886 (585888)	45	<10	<5	109	<10	<10	<5	0.68	<5	<50	301	<1	22	79.8	
D70887 (585889)	16	<10	<5	297	<10	<10	<5	0.55	<5	<50	33.2	<1	29	88.1	
D70888 (585890)	9	<10	<5	288	<10	<10	<5	0.32	<5	<50	20.1	<1	26	56.9	
D70889 (585891)	19	<10	<5	281	<10	<10	<5	0.70	<5	<50	36.7	<1	30	104	
D70890 (585892)	18	<10	<5	237	<10	<10	<5	0.51	<5	<50	64.5	<1	31	118	
D70891 (585893)	16	<10	<5	271	<10	<10	<5	0.54	<5	<50	33.7	<1	28	106	
D70892 (585894)	<1	<10	<5	69	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	2.5	

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ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 02, 2019      DATE RECEIVED: Oct 03, 2019      DATE REPORTED: Oct 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D70820 (585822)				29
D70821 (585823)				72
D70822 (585824)				17
D70823 (585825)				27
D70824 (585826)				17
D70825 (585827)				21
D70826 (585828)				52
D70827 (585829)				43
D70828 (585830)				26
D70829 (585831)				23
D70830 (585832)				23
D70831 (585833)				42
D70832 (585834)				<5
D70833 (585835)				90
D70834 (585836)				39
D70835 (585837)				166
D70836 (585838)				20
D70837 (585839)				33
D70838 (585840)				32
D70839 (585841)				152
D70840 (585842)				90
D70841 (585843)				13
D70842 (585844)				20
D70843 (585845)				21
D70844 (585846)				18
D70845 (585847)				14
D70846 (585848)				90
D70847 (585849)				28
D70848 (585850)				23
D70849 (585851)				18
D70850 (585852)				19
D70851 (585853)				66

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T526352

PROJECT: AGAT00802

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 02, 2019

DATE RECEIVED: Oct 03, 2019

DATE REPORTED: Oct 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D70852 (585854)			<5
D70853 (585855)			14
D70854 (585856)			17
D70855 (585857)			17
D70856 (585858)			45
D70857 (585859)			15
D70858 (585860)			15
D70859 (585861)			21
D70860 (585862)			43
D70861 (585863)			131
D70862 (585864)			25
D70863 (585865)			18
D70864 (585866)			16
D70865 (585867)			17
D70866 (585868)			89
D70867 (585869)			28
D70868 (585870)			204
D70869 (585871)			44
D70870 (585872)			26
D70871 (585873)			37
D70872 (585874)			<5
D70873 (585875)			29
D70874 (585876)			57
D70875 (585877)			64
D70876 (585878)			26
D70877 (585879)			30
D70878 (585880)			30
D70879 (585881)			37
D70880 (585882)			40
D70881 (585883)			32
D70882 (585884)			32
D70883 (585885)			89

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T526352

PROJECT: AGAT00802

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 02, 2019      DATE RECEIVED: Oct 03, 2019      DATE REPORTED: Oct 16, 2019      SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D70884 (585886)	61
D70885 (585887)	58
D70886 (585888)	52
D70887 (585889)	47
D70888 (585890)	58
D70889 (585891)	34
D70890 (585892)	145
D70891 (585893)	47
D70892 (585894)	<5

Comments: RDL - Reported Detection Limit  
 585822-585894 As, Sb values may be low due to digestion losses.  
 Analysis performed at AGAT Toronto (unless marked by \*)

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## Certificate of Analysis

AGAT WORK ORDER: 19T526352

PROJECT: AGAT00802

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 02, 2019      DATE RECEIVED: Oct 03, 2019      DATE REPORTED: Oct 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D70820 (585822)			0.003
D70821 (585823)			0.002
D70822 (585824)			0.003
D70823 (585825)			0.005
D70824 (585826)			0.009
D70825 (585827)			0.003
D70826 (585828)			0.525
D70827 (585829)			0.013
D70828 (585830)			0.004
D70829 (585831)			0.006
D70830 (585832)			0.004
D70831 (585833)			0.005
D70832 (585834)			0.002
D70833 (585835)			0.004
D70834 (585836)			0.003
D70835 (585837)			0.003
D70836 (585838)			0.004
D70837 (585839)			0.003
D70838 (585840)			0.003
D70839 (585841)			0.002
D70840 (585842)			0.003
D70841 (585843)			0.003
D70842 (585844)			0.006
D70843 (585845)			0.004
D70844 (585846)			0.006
D70845 (585847)			0.007
D70846 (585848)			0.328
D70847 (585849)			0.010
D70848 (585850)			0.011
D70849 (585851)			0.008
D70850 (585852)			0.004
D70851 (585853)			0.003

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T526352

PROJECT: AGAT00802

5623 McADAM ROAD  
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 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 02, 2019      DATE RECEIVED: Oct 03, 2019      DATE REPORTED: Oct 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D70852 (585854)			0.002
D70853 (585855)			0.007
D70854 (585856)			0.007
D70855 (585857)			0.004
D70856 (585858)			0.005
D70857 (585859)			0.006
D70858 (585860)			0.005
D70859 (585861)			0.006
D70860 (585862)			0.007
D70861 (585863)			0.034
D70862 (585864)			0.006
D70863 (585865)			0.006
D70864 (585866)			0.007
D70865 (585867)			0.006
D70866 (585868)			0.334
D70867 (585869)			0.007
D70868 (585870)			0.002
D70869 (585871)			0.006
D70870 (585872)			0.010
D70871 (585873)			0.006
D70872 (585874)			0.002
D70873 (585875)			0.006
D70874 (585876)			0.003
D70875 (585877)			0.007
D70876 (585878)			0.008
D70877 (585879)			0.019
D70878 (585880)			0.017
D70879 (585881)			0.010
D70880 (585882)			0.004
D70881 (585883)			0.004
D70882 (585884)			0.003
D70883 (585885)			0.003

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## Certificate of Analysis

AGAT WORK ORDER: 19T526352

PROJECT: AGAT00802

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 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 02, 2019      DATE RECEIVED: Oct 03, 2019      DATE REPORTED: Oct 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D70884 (585886)			0.003
D70885 (585887)			0.008
D70886 (585888)			0.524
D70887 (585889)			0.014
D70888 (585890)			0.006
D70889 (585891)			0.003
D70890 (585892)			0.002
D70891 (585893)			0.003
D70892 (585894)			0.001

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T526352

PROJECT: AGAT00802

5623 McADAM ROAD  
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CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Oct 02, 2019

DATE RECEIVED: Oct 03, 2019

DATE REPORTED: Oct 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D70820 (585822)		87.46
D70839 (585841)		90.27
D70860 (585862)		95.08
D70879 (585881)		82.54

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T526352

PROJECT: AGAT00802

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CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Oct 02, 2019

DATE RECEIVED: Oct 03, 2019

DATE REPORTED: Oct 16, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL: 0.01
D70820 (585822)	87.16

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	585822	< 0.5	< 0.5	0.0%	585836	< 0.5	< 0.5	0.0%	585847	< 0.5	< 0.5	0.0%	585861	< 0.5	< 0.5	0.0%
Al	585822	8.70	8.70	0.0%	585836	8.18	7.98	2.5%	585847	9.24	9.08	1.7%	585861	8.97	8.94	0.3%
As	585822	< 1	< 1	0.0%	585836	< 1	< 1	0.0%	585847	< 1	< 1	0.0%	585861	< 1	< 1	0.0%
Ba	585822	275	261	5.2%	585836	128	127	0.8%	585847	85	83	2.4%	585861	107	108	0.9%
Be	585822	1.96	1.89	3.6%	585836	0.8	0.8	0.0%	585847	0.55	0.56	1.8%	585861	0.6	0.6	0.0%
Bi	585822	< 1	< 1	0.0%	585836	< 1	< 1	0.0%	585847	< 1	< 1	0.0%	585861	< 1	< 1	0.0%
Ca	585822	6.41	6.37	0.6%	585836	6.10	5.98	2.0%	585847	6.22	6.24	0.3%	585861	5.74	5.86	2.1%
Cd	585822	< 0.5	< 0.5	0.0%	585836	< 0.5	< 0.5	0.0%	585847	< 0.5	< 0.5	0.0%	585861	< 0.5	< 0.5	0.0%
Ce	585822	24	25	4.1%	585836	28	27	3.6%	585847	25	25	0.0%	585861	27	27	0.0%
Co	585822	28.2	27.6	2.2%	585836	29.9	30.5	2.0%	585847	25.4	25.2	0.8%	585861	21.4	20.9	2.4%
Cr	585822	55.3	61.8	11.1%	585836	112	104	7.4%	585847	66.9	58.3	13.7%	585861	14.3	15.4	7.4%
Cu	585822	86.7	83.0	4.4%	585836	65.4	64.6	1.2%	585847	24.7	22.0	11.6%	585861	50.5	51.4	1.8%
Fe	585822	6.58	6.50	1.2%	585836	7.67	7.53	1.8%	585847	7.17	7.20	0.4%	585861	7.13	7.25	1.7%
Ga	585822	24	23	4.3%	585836	22	21	4.7%	585847	23	23	0.0%	585861	23	23	0.0%
In	585822	< 1	< 1	0.0%	585836	< 1	< 1	0.0%	585847	< 1	< 1	0.0%	585861	< 1	< 1	0.0%
K	585822	1.96	1.97	0.5%	585836	0.57	0.56	1.8%	585847	0.368	0.359	2.5%	585861	0.467	0.463	0.9%
La	585822	10	11	9.5%	585836	13	13	0.0%	585847	10	11	9.5%	585861	12	12	0.0%
Li	585822	33	33	0.0%	585836	20	20	0.0%	585847	22	22	0.0%	585861	21	22	4.7%
Mg	585822	2.94	2.91	1.0%	585836	3.32	3.23	2.7%	585847	2.55	2.52	1.2%	585861	2.19	2.19	0.0%
Mn	585822	1060	1080	1.9%	585836	1230	1200	2.5%	585847	1070	1050	1.9%	585861	1060	1060	0.0%
Mo	585822	4.77	4.62	3.2%	585836	6.53	7.46	13.3%	585847	7.97	6.01	28.0%	585861	1.3	1.4	7.4%
Na	585822	2.78	2.73	1.8%	585836	2.64	2.60	1.5%	585847	2.62	2.61	0.4%	585861	2.87	2.94	2.4%
Ni	585822	58.4	57.8	1.0%	585836	56.7	57.2	0.9%	585847	40.1	40.3	0.5%	585861	26.3	26.5	0.8%
P	585822	1230	1180	4.1%	585836	1090	1120	2.7%	585847	1990	2000	0.5%	585861	2070	2060	0.5%
Pb	585822	< 20	< 20	0.0%	585836	< 20	< 20	0.0%	585847	< 20	< 20	0.0%	585861	< 20	< 20	0.0%
Rb	585822	< 50	< 50	0.0%	585836	< 50	< 50	0.0%	585847	< 50	< 50	0.0%	585861	< 50	< 50	0.0%
S	585822	0.09	0.09	0.0%	585836	0.06	0.06	0.0%	585847	0.02	0.02	0.0%	585861	0.06	0.06	0.0%
Sb	585822	< 1	< 1	0.0%	585836	< 1	< 1	0.0%	585847	< 1	< 1	0.0%	585861	< 1	< 1	0.0%
Sc	585822	28	27	3.6%	585836	31	31	0.0%	585847	26	25	3.9%	585861	24	24	0.0%
Se	585822	< 10	< 10	0.0%	585836	< 10	< 10	0.0%	585847	< 10	< 10	0.0%	585861	< 10	< 10	0.0%
Sn	585822	< 5	< 5	0.0%	585836	< 5	< 5	0.0%	585847	< 5	< 5	0.0%	585861	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	585822	292	288	1.4%	585836	253	250	1.2%	585847	279	279	0.0%	585861	284	291	2.4%
Ta	585822	< 10	< 10	0.0%	585836	< 10	< 10	0.0%	585847	< 10	< 10	0.0%	585861	< 10	< 10	0.0%
Te	585822	< 10	< 10	0.0%	585836	< 10	< 10	0.0%	585847	< 10	< 10	0.0%	585861	< 10	< 10	0.0%
Th	585822	< 5	< 5	0.0%	585836	< 5	< 5	0.0%	585847	< 5	< 5	0.0%	585861	< 5	< 5	0.0%
Ti	585822	0.59	0.58	1.7%	585836	0.818	0.791	3.4%	585847	0.993	1.00	0.7%	585861	1.06	1.09	2.8%
Tl	585822	< 5	< 5	0.0%	585836	< 5	< 5	0.0%	585847	< 5	< 5	0.0%	585861	< 5	< 5	0.0%
U	585822	< 50	< 50	0.0%	585836	< 50	< 50	0.0%	585847	< 50	< 50	0.0%	585861	< 50	< 50	0.0%
V	585822	232	227	2.2%	585836	281	282	0.4%	585847	240	237	1.3%	585861	189	188	0.5%
W	585822	< 1	< 1	0.0%	585836	< 1	< 1	0.0%	585847	< 1	< 1	0.0%	585861	< 1	< 1	0.0%
Y	585822	18	18	0.0%	585836	21	20	4.9%	585847	18	18	0.0%	585861	20	21	4.9%
Zn	585822	112	107	4.6%	585836	103	101	2.0%	585847	87.6	83.0	5.4%	585861	88.6	89.1	0.6%
Zr	585822	29	28	3.5%	585836	39	29	29.4%	585847	14	13	7.4%	585861	21	24	13.3%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	585872	< 0.5	< 0.5	0.0%	585886	< 0.5	< 0.5	0.0%								
Al	585872	8.44	8.29	1.8%	585886	8.22	8.11	1.3%								
As	585872	< 1	< 1	0.0%	585886	< 1	< 1	0.0%								
Ba	585872	194	190	2.1%	585886	228	221	3.1%								
Be	585872	0.8	0.8	0.0%	585886	1.06	1.03	2.9%								
Bi	585872	< 1	< 1	0.0%	585886	< 1	< 1	0.0%								
Ca	585872	4.64	4.50	3.1%	585886	3.40	3.32	2.4%								
Cd	585872	< 0.5	< 0.5	0.0%	585886	< 0.5	< 0.5	0.0%								
Ce	585872	35	35	0.0%	585886	47	47	0.0%								
Co	585872	14.7	14.5	1.4%	585886	6.71	6.62	1.4%								
Cr	585872	11.4	10.5	8.2%	585886	86.6	80.6	7.2%								
Cu	585872	12.8	14.1	9.7%	585886	< 0.5	< 0.5	0.0%								
Fe	585872	6.68	6.36	4.9%	585886	5.00	4.85	3.0%								
Ga	585872	22	21	4.7%	585886	21	20	4.9%								
In	585872	< 1	< 1	0.0%	585886	< 1	< 1	0.0%								
K	585872	0.79	0.79	0.0%	585886	0.868	0.864	0.5%								
La	585872	16	15	6.5%	585886	21	21	0.0%								
Li	585872	20	20	0.0%	585886	18	18	0.0%								
Mg	585872	1.56	1.52	2.6%	585886	0.861	0.844	2.0%								
Mn	585872	1060	1020	3.8%	585886	1100	1060	3.7%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	585872	1.7	1.5	12.5%	585886	11.8	11.6	1.7%								
Na	585872	3.26	3.20	1.9%	585886	3.44	3.40	1.2%								
Ni	585872	16.8	15.9	5.5%	585886	2.17	2.04	6.2%								
P	585872	1510	1460	3.4%	585886	1330	1290	3.1%								
Pb	585872	< 20	< 20	0.0%	585886	< 20	< 20	0.0%								
Rb	585872	< 50	< 50	0.0%	585886	< 50	< 50	0.0%								
S	585872	0.02	0.02	0.0%	585886	0.01	0.01	0.0%								
Sb	585872	< 1	< 1	0.0%	585886	< 1	< 1	0.0%								
Sc	585872	24	24	0.0%	585886	15	15	0.0%								
Se	585872	< 10	< 10	0.0%	585886	< 10	< 10	0.0%								
Sn	585872	< 5	< 5	0.0%	585886	< 5	< 5	0.0%								
Sr	585872	302	295	2.3%	585886	251	247	1.6%								
Ta	585872	< 10	< 10	0.0%	585886	< 10	< 10	0.0%								
Te	585872	< 10	< 10	0.0%	585886	< 10	< 10	0.0%								
Th	585872	< 5	< 5	0.0%	585886	< 5	< 5	0.0%								
Ti	585872	0.86	0.83	3.6%	585886	0.52	0.51	1.9%								
Tl	585872	< 5	< 5	0.0%	585886	< 5	< 5	0.0%								
U	585872	< 50	< 50	0.0%	585886	< 50	< 50	0.0%								
V	585872	120	118	1.7%	585886	23.8	22.9	3.9%								
W	585872	< 1	< 1	0.0%	585886	< 1	< 1	0.0%								
Y	585872	23	23	0.0%	585886	30	30	0.0%								
Zn	585872	98.9	95.9	3.1%	585886	102	96.8	5.2%								
Zr	585872	26	21	21.3%	585886	61	61	0.0%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	585836	0.003	0.003	4.4%	585836	0.003	0.003	0.0%	585861	0.006	0.007	7.9%	585886	0.003	0.003	17.9%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au		0.003	0.003	0.6%	585886	0.003	0.003	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (GSP7M)				CRM #2 (GSP5G)				CRM #3 (GS6F)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	2.85	94%	90% - 110%
Al	10.95	10.75	98%	90% - 110%	8.17	8.3	102%	90% - 110%	6.96	6.8	98%	90% - 110%	4.75	4.77	101%	90% - 110%
As					26	24	90%	90% - 110%	124	125	100%	90% - 110%				
Ba	340	319	94%	90% - 110%	540	514	95%	90% - 110%	186	179	96%	90% - 110%	216	206	95%	90% - 110%
Be	2.6	2.8	106%	90% - 110%	4.0	3.6	89%	90% - 110%								
Ca	5.72	5.41	95%	90% - 110%	0.907	0.885	98%	90% - 110%	4.01	3.82	95%	90% - 110%	10	9	91%	90% - 110%
Ce	122	115	94%	90% - 110%	98	99	101%	90% - 110%	24	22	92%	90% - 110%				
Co									22.1	20.4	92%	90% - 110%	191	180	94%	90% - 110%
Cr					60.3	65.3	108%	90% - 110%					670	581	86%	90% - 110%
Cu					150	168	112%	90% - 110%	88.6	83.6	94%	90% - 110%	7120	6964	98%	90% - 110%
Fe	4.34	4.06	94%	90% - 110%	3.77	3.73	99%	90% - 110%	7.56	7.31	97%	90% - 110%	12.71	11.83	93%	90% - 110%
Ga	35	35	101%	90% - 110%												
K	1.37	1.43	105%	90% - 110%					2.021	2.048	101%	90% - 110%	0.1021	0.105	103%	90% - 110%
La	58	57	98%	90% - 110%	44	45	103%	90% - 110%					8.47	8.01	95%	90% - 110%
Li	37	37	101%	90% - 110%	47	46	99%	90% - 110%								
Mg	0.325	0.306	94%	90% - 110%	1.10	1.13	103%	90% - 110%	2.412	2.506	104%	90% - 110%	7.41	7.63	103%	90% - 110%
Mn					780	753	97%	90% - 110%	1510	1387	92%	90% - 110%				
Mo					14	14	99%	90% - 110%					2.49	2.92	117%	90% - 110%
Na	5.267	5.36	102%	90% - 110%	1.624	1.711	105%	90% - 110%	0.617	0.631	102%	90% - 110%	0.112	0.119	106%	90% - 110%
Ni									77.1	70.7	92%	90% - 110%	2480	2082	84%	90% - 110%
P					750	713	95%	90% - 110%	892	854	96%	90% - 110%	731	668	91%	90% - 110%
Pb					31	28	90%	90% - 110%								
S									0.348	0.313	90%	90% - 110%				
Sb													1.8	1.8	101%	90% - 110%
Sc	1.1	1	95%	90% - 110%	12	13	105%	90% - 110%					21.33	21.04	99%	90% - 110%
Sr	1191	1120	94%	90% - 110%	144	148	103%	90% - 110%	92.8	86.3	93%	90% - 110%	39	37	95%	90% - 110%
Ti	0.172	0.168	98%	90% - 110%	0.53	0.5	95%	90% - 110%					0.419	0.409	98%	90% - 110%
V	8	8	104%	90% - 110%	77	80	104%	90% - 110%					158	161	102%	90% - 110%
Y	119	123	103%	90% - 110%									12.67	12.88	102%	90% - 110%
Zn	93	90	97%	90% - 110%	130	122	94%	90% - 110%	208	202	97%	90% - 110%	112	113	101%	90% - 110%
Zr													35.7	36.1	101%	90% - 110%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (GSP7M)				CRM #2 (GSP5G)				CRM #3 (GS6F)				CRM #4 (GS4H)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.725	0.722	100%	90% - 110%	0.562	0.553	98%	90% - 110%	6.87	6.69	97%	90% - 110%	5.01	4.95	99%	90% - 110%
CRM #5 (GSP7M)																
Parameter	Expect	Actual	Recovery	Limits												
Au	0.725	0.762	105%	90% - 110%												

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19T526352

PROJECT: AGAT00802

ATTENTION TO: Craig Yuill

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00803

AGAT WORK ORDER: 19T526354

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Oct 16, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.





## Certificate of Analysis

AGAT WORK ORDER: 19T526354

PROJECT: AGAT00803

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Oct 02, 2019      DATE RECEIVED: Oct 03, 2019      DATE REPORTED: Oct 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D70893 (585896)		3.64
D70894 (585897)		1.52
D70895 (585898)		2.06
D70896 (585899)		2.15
D70897 (585900)		2.15
D70898 (585901)		2.15
D70899 (585902)		2.09
D70900 (585903)		2.15
D70901 (585904)		2.22
D70902 (585905)		2.31
D70903 (585906)		0.69
D70904 (585907)		1.79
D70905 (585908)		2.18
D70906 (585909)		0.07
D70907 (585910)		2.25
D70908 (585911)		2.19
D70909 (585912)		2.18
D70910 (585913)		1.54
D70911 (585914)		0.72
D70912 (585915)		0.68
D70913 (585916)		1.30
D70914 (585917)		1.01
D70915 (585918)		2.25
D70916 (585919)		1.25
D70917 (585920)		2.26
D70918 (585921)		2.26
D70919 (585922)		2.22
D70920 (585923)		1.91
D70921 (585924)		2.30
D70922 (585925)		2.27
D70923 (585926)		2.30

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T526354

PROJECT: AGAT00803

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Oct 02, 2019

DATE RECEIVED: Oct 03, 2019

DATE REPORTED: Oct 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D70924 (585927)		3.03
D70925 (585928)		3.35
D70926 (585929)		0.07
D70927 (585930)		3.44
D70928 (585931)		1.59
D70929 (585932)		2.25
D70930 (585933)		2.32
D70931 (585934)		2.18
D70932 (585935)		0.67
D70933 (585936)		1.36
D70934 (585937)		1.28
D70935 (585938)		1.90
D70936 (585939)		2.34
D70937 (585940)		2.21
D70938 (585941)		2.21
D70939 (585942)		2.24
D70940 (585943)		1.74
D70941 (585944)		2.27
D70942 (585945)		2.25
D70943 (585946)		2.14
D70944 (585947)		2.19
D70945 (585948)		2.15
D70946 (585949)		0.07
D70947 (585950)		2.00
D70948 (585951)		0.86
D70949 (585952)		1.14
D70950 (585953)		2.69
D70951 (585954)		3.03
D70952 (585955)		0.72
D70953 (585956)		2.35
D70954 (585957)		2.71

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T526354

PROJECT: AGAT00803

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Oct 02, 2019	DATE RECEIVED: Oct 03, 2019	DATE REPORTED: Oct 16, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D70955 (585958)		2.57
D70956 (585959)		2.30
D70957 (585960)		2.24
D70958 (585961)		2.24
D70959 (585962)		2.32
D70960 (585963)		2.43
D70961 (585964)		1.52
D70962 (585965)		3.07
D70963 (585966)		2.60
D70964 (585967)		2.08

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T526354

PROJECT: AGAT00803

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 02, 2019	DATE RECEIVED: Oct 03, 2019							DATE REPORTED: Oct 16, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D70893 (585896)	<0.5	8.95	<1	228	0.6	<1	4.38	<0.5	42	10.7	77.0	26.1	5.44	23	
D70894 (585897)	<0.5	6.34	<1	386	2.8	<1	3.09	<0.5	43	11.5	147	9.6	4.24	20	
D70895 (585898)	<0.5	3.08	<1	508	2.9	<1	8.20	<0.5	151	52.4	388	75.3	7.83	17	
D70896 (585899)	<0.5	7.45	<1	385	1.3	<1	2.73	<0.5	63	8.9	109	2.2	4.23	21	
D70897 (585900)	<0.5	7.74	<1	302	1.2	<1	2.57	<0.5	58	6.3	79.7	<0.5	4.23	21	
D70898 (585901)	<0.5	7.83	<1	311	1.2	<1	2.57	<0.5	55	5.9	107	<0.5	4.32	20	
D70899 (585902)	<0.5	7.94	<1	318	0.9	<1	2.93	<0.5	58	9.6	135	<0.5	4.72	22	
D70900 (585903)	<0.5	8.47	<1	289	0.8	<1	3.17	<0.5	54	6.7	108	0.6	5.00	23	
D70901 (585904)	0.7	8.29	<1	256	0.8	<1	3.05	<0.5	50	6.1	108	<0.5	4.81	22	
D70902 (585905)	<0.5	7.85	<1	329	0.8	<1	2.61	<0.5	59	5.7	113	3.5	4.35	21	
D70903 (585906)	<0.5	4.46	<1	462	1.0	<1	4.40	<0.5	76	46.3	334	41.7	7.01	22	
D70904 (585907)	<0.5	7.71	<1	328	1.0	<1	2.63	<0.5	56	6.4	115	5.9	4.27	20	
D70905 (585908)	<0.5	8.34	<1	292	0.8	<1	3.46	<0.5	53	7.9	91.5	5.7	4.93	21	
D70906 (585909)	<0.5	7.55	<1	195	<0.5	<1	6.27	<0.5	16	39.7	160	99.2	7.70	21	
D70907 (585910)	<0.5	8.18	<1	274	0.6	<1	3.40	<0.5	48	10.7	109	<0.5	4.93	22	
D70908 (585911)	<0.5	8.06	<1	255	0.6	<1	3.16	<0.5	48	7.0	89.2	<0.5	4.67	20	
D70909 (585912)	0.7	7.86	<1	285	0.8	<1	2.70	<0.5	55	6.5	107	1.3	3.99	20	
D70910 (585913)	<0.5	7.88	<1	304	0.8	<1	2.94	<0.5	48	7.8	115	<0.5	4.34	20	
D70911 (585914)	<0.5	6.19	<1	262	0.6	<1	1.88	<0.5	41	4.5	112	<0.5	2.50	15	
D70912 (585915)	<0.5	0.07	<1	42	<0.5	<1	32.0	<0.5	<1	0.7	6.2	<0.5	0.09	6	
D70913 (585916)	<0.5	8.15	<1	286	0.7	<1	3.27	<0.5	46	8.6	89.5	<0.5	4.59	21	
D70914 (585917)	<0.5	7.27	<1	247	0.8	<1	2.43	<0.5	36	4.5	104	<0.5	2.85	17	
D70915 (585918)	<0.5	8.44	<1	336	0.7	<1	3.20	<0.5	56	7.6	90.1	<0.5	4.78	21	
D70916 (585919)	<0.5	8.01	<1	293	0.6	<1	3.30	<0.5	52	7.7	89.3	<0.5	4.90	22	
D70917 (585920)	<0.5	8.04	<1	344	1.0	<1	3.57	<0.5	45	13.5	122	<0.5	5.38	22	
D70918 (585921)	<0.5	7.87	<1	350	1.0	<1	3.60	<0.5	46	14.1	120	<0.5	5.42	23	
D70919 (585922)	<0.5	8.36	<1	333	0.7	<1	3.31	<0.5	51	8.9	96.1	2.4	4.93	23	
D70920 (585923)	<0.5	7.03	<1	388	0.8	<1	1.92	<0.5	40	5.5	115	4.2	2.33	17	
D70921 (585924)	<0.5	8.41	<1	310	0.6	<1	3.55	<0.5	48	9.6	75.6	<0.5	5.22	22	
D70922 (585925)	<0.5	8.22	<1	258	0.7	<1	3.41	<0.5	46	8.9	94.0	<0.5	5.15	23	
D70923 (585926)	<0.5	8.01	<1	259	0.6	<1	3.15	<0.5	48	8.1	82.0	1.5	4.45	21	
D70924 (585927)	<0.5	7.76	<1	442	0.8	<1	3.34	<0.5	60	11.3	109	6.1	4.55	22	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T526354

PROJECT: AGAT00803

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 02, 2019	DATE RECEIVED: Oct 03, 2019							DATE REPORTED: Oct 16, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D70925 (585928)	<0.5	3.12	<1	1080	2.4	<1	8.13	<0.5	150	65.4	421	101	9.81	25	
D70926 (585929)	<0.5	7.83	<1	195	<0.5	<1	6.40	<0.5	17	42.0	156	101	7.81	23	
D70927 (585930)	<0.5	2.77	<1	978	2.2	<1	8.39	<0.5	180	64.0	475	76.9	9.07	21	
D70928 (585931)	<0.5	7.56	<1	485	2.1	<1	2.83	<0.5	64	7.4	96.3	<0.5	3.55	21	
D70929 (585932)	<0.5	7.96	<1	330	0.8	<1	2.68	<0.5	60	7.2	106	<0.5	3.79	20	
D70930 (585933)	<0.5	7.72	<1	355	0.8	<1	2.53	<0.5	56	7.5	119	<0.5	3.74	19	
D70931 (585934)	<0.5	7.99	<1	334	0.8	<1	2.67	<0.5	55	8.3	89.0	44.3	3.76	21	
D70932 (585935)	<0.5	0.05	1	20	<0.5	<1	32.3	<0.5	<1	<0.5	5.7	<0.5	0.11	6	
D70933 (585936)	<0.5	7.63	<1	301	0.8	<1	2.61	<0.5	52	6.6	110	13.0	3.49	19	
D70934 (585937)	<0.5	7.58	<1	339	0.9	<1	1.95	<0.5	63	4.6	99.6	5.7	2.45	18	
D70935 (585938)	<0.5	7.19	<1	307	0.9	<1	1.84	<0.5	55	5.3	102	6.2	2.46	17	
D70936 (585939)	<0.5	6.92	<1	391	0.9	<1	1.78	<0.5	51	5.0	105	22.1	2.58	16	
D70937 (585940)	<0.5	6.80	<1	302	0.9	<1	1.81	<0.5	55	5.8	91.5	23.6	2.80	17	
D70938 (585941)	<0.5	6.98	<1	314	0.9	<1	1.91	<0.5	57	5.6	112	21.7	2.87	17	
D70939 (585942)	<0.5	6.75	<1	314	1.0	<1	1.63	<0.5	55	5.2	110	2.1	2.63	17	
D70940 (585943)	<0.5	7.01	<1	284	1.1	<1	1.93	<0.5	52	5.6	110	9.1	2.85	17	
D70941 (585944)	<0.5	6.93	<1	274	0.9	<1	2.07	<0.5	53	7.0	108	20.6	3.26	18	
D70942 (585945)	<0.5	6.94	<1	327	0.9	<1	1.92	<0.5	57	4.5	111	7.7	2.68	16	
D70943 (585946)	<0.5	6.95	<1	419	0.9	<1	1.76	<0.5	56	4.9	97.5	20.7	2.57	16	
D70944 (585947)	<0.5	6.83	<1	417	0.9	<1	1.75	<0.5	60	4.9	111	10.4	2.70	17	
D70945 (585948)	<0.5	6.76	<1	284	0.9	<1	1.81	<0.5	56	5.7	106	34.7	2.72	16	
D70946 (585949)	<0.5	7.49	<1	146	<0.5	<1	6.60	<0.5	6	42.3	153	146	7.86	22	
D70947 (585950)	<0.5	6.72	<1	179	0.9	<1	2.27	<0.5	56	6.3	114	3.5	3.03	17	
D70948 (585951)	<0.5	7.25	<1	204	0.9	<1	2.57	<0.5	79	7.3	116	<0.5	3.11	18	
D70949 (585952)	0.7	7.51	<1	198	1.1	<1	2.26	<0.5	46	4.0	104	6.3	1.89	16	
D70950 (585953)	<0.5	6.70	<1	218	1.3	<1	2.67	<0.5	55	9.9	165	11.0	3.49	18	
D70951 (585954)	<0.5	7.06	<1	225	0.9	<1	2.93	<0.5	40	11.4	130	27.7	4.43	21	
D70952 (585955)	<0.5	0.06	<1	27	<0.5	<1	30.4	<0.5	<1	<0.5	5.7	<0.5	0.07	<5	
D70953 (585956)	<0.5	2.80	<1	854	1.1	<1	6.57	<0.5	110	68.9	617	83.3	8.52	19	
D70954 (585957)	<0.5	3.20	<1	966	1.1	<1	7.30	<0.5	112	66.8	594	89.0	8.90	21	
D70955 (585958)	<0.5	3.01	<1	958	1.1	<1	7.02	<0.5	121	70.4	617	87.9	8.95	20	
D70956 (585959)	<0.5	7.80	<1	228	1.3	<1	4.40	<0.5	29	19.7	76.7	<0.5	7.72	25	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T526354

PROJECT: AGAT00803

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 02, 2019	DATE RECEIVED: Oct 03, 2019							DATE REPORTED: Oct 16, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D70957 (585960)	<0.5	8.54	<1	216	<0.5	<1	4.66	<0.5	28	20.6	46.2	20.7	7.85	27	
D70958 (585961)	<0.5	8.59	<1	217	<0.5	<1	4.74	<0.5	27	21.4	56.9	19.2	7.99	28	
D70959 (585962)	<0.5	8.38	<1	156	<0.5	<1	4.62	<0.5	28	19.0	64.7	6.2	6.97	26	
D70960 (585963)	<0.5	6.91	<1	91	<0.5	<1	4.63	<0.5	19	24.3	74.2	1.4	9.27	26	
D70961 (585964)	<0.5	7.94	<1	165	0.6	<1	4.45	<0.5	29	18.9	67.7	<0.5	7.75	26	
D70962 (585965)	<0.5	6.68	<1	322	0.8	<1	2.05	<0.5	58	7.5	98.1	15.6	3.24	17	
D70963 (585966)	<0.5	6.71	<1	360	1.3	<1	2.14	<0.5	51	8.3	122	34.0	3.11	18	
D70964 (585967)	<0.5	7.16	<1	101	1.0	<1	5.77	<0.5	11	35.7	68.5	26.1	10.6	27	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 02, 2019	DATE RECEIVED: Oct 03, 2019					DATE REPORTED: Oct 16, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D70893 (585896)	<1	0.99	19	9	1.03	1170	7.4	3.65	3.5	1610	51	<50	0.17	<1	
D70894 (585897)	<1	0.70	18	18	1.32	837	11.1	3.98	29.7	1350	<20	<50	0.04	<1	
D70895 (585898)	<1	1.65	73	21	7.23	1780	2.2	2.54	302	2190	<20	<50	0.12	<1	
D70896 (585899)	<1	0.87	29	9	0.92	901	8.5	3.83	19.6	1040	<20	<50	0.05	<1	
D70897 (585900)	<1	1.53	24	9	0.69	869	7.0	3.21	8.2	884	<20	<50	0.02	<1	
D70898 (585901)	<1	1.55	23	9	0.67	874	9.7	3.31	7.5	853	<20	<50	0.02	<1	
D70899 (585902)	<1	0.99	25	14	0.97	958	10.6	3.44	37.7	897	<20	<50	0.05	<1	
D70900 (585903)	<1	0.91	24	17	0.56	1070	11.8	3.56	3.0	996	<20	<50	0.03	<1	
D70901 (585904)	<1	0.85	22	16	0.54	1010	11.4	3.43	2.6	939	<20	<50	0.03	<1	
D70902 (585905)	<1	1.03	25	16	0.56	909	11.7	3.30	4.3	824	<20	<50	0.09	<1	
D70903 (585906)	<1	1.72	36	28	5.89	1200	3.6	2.54	295	987	<20	<50	0.14	<1	
D70904 (585907)	<1	1.00	24	12	0.54	884	11.4	3.31	3.4	853	<20	<50	0.12	<1	
D70905 (585908)	<1	1.26	23	18	0.85	1190	8.6	3.34	4.4	1100	<20	<50	0.04	<1	
D70906 (585909)	<1	0.44	10	10	4.23	1360	<0.5	2.26	103	763	<20	<50	0.08	<1	
D70907 (585910)	<1	1.34	21	14	0.98	1120	8.5	3.39	15.2	1250	<20	<50	0.01	<1	
D70908 (585911)	<1	0.90	20	17	0.72	1000	9.4	3.46	2.9	1140	<20	<50	0.07	<1	
D70909 (585912)	<1	0.95	24	16	0.56	839	11.9	3.38	2.7	930	<20	<50	0.05	<1	
D70910 (585913)	<1	1.43	21	11	0.71	956	11.9	3.23	5.1	929	<20	<50	0.02	<1	
D70911 (585914)	<1	0.81	19	8	0.37	458	13.7	2.66	4.9	481	<20	<50	0.02	<1	
D70912 (585915)	2	0.02	<2	1	1.59	35	0.6	0.04	<0.5	68	<20	<50	<0.01	<1	
D70913 (585916)	<1	1.31	20	16	0.78	991	9.4	3.34	4.7	1080	<20	<50	0.01	<1	
D70914 (585917)	<1	0.78	17	12	0.40	635	13.0	3.13	3.1	631	<20	<50	0.01	<1	
D70915 (585918)	<1	1.07	24	18	0.73	1180	10.4	3.42	2.9	1130	<20	<50	0.03	<1	
D70916 (585919)	<1	0.93	22	15	0.76	1050	8.9	3.34	2.7	1280	<20	<50	0.02	<1	
D70917 (585920)	<1	1.23	21	22	1.54	1110	8.5	3.10	13.9	1280	<20	<50	0.04	<1	
D70918 (585921)	<1	1.21	20	21	1.51	1100	7.2	3.07	14.1	1310	<20	<50	0.03	<1	
D70919 (585922)	<1	1.10	22	16	0.82	856	9.9	3.35	4.3	1370	<20	<50	0.04	<1	
D70920 (585923)	<1	1.08	19	16	0.44	293	14.1	2.99	6.7	494	<20	<50	0.05	<1	
D70921 (585924)	<1	1.16	20	18	0.94	1070	8.5	3.40	5.6	1420	<20	<50	0.04	<1	
D70922 (585925)	<1	1.08	20	17	0.87	983	9.4	3.52	3.1	1390	<20	<50	0.03	<1	
D70923 (585926)	<1	0.99	20	10	0.74	862	8.7	3.60	3.2	1220	<20	<50	0.05	<1	
D70924 (585927)	<1	0.97	28	16	1.11	885	8.9	4.23	11.5	1340	<20	<50	0.07	<1	

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AGAT WORK ORDER: 19T526354

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 02, 2019	DATE RECEIVED: Oct 03, 2019					DATE REPORTED: Oct 16, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D70925 (585928)	<1	2.49	75	13	8.56	1660	1.2	1.51	345	1600	<20	<50	0.24	<1	
D70926 (585929)	<1	0.46	10	11	4.31	1380	<0.5	2.31	107	830	<20	<50	0.09	<1	
D70927 (585930)	<1	1.94	83	9	9.12	1570	0.9	1.30	401	2800	<20	<50	0.16	<1	
D70928 (585931)	<1	0.87	29	19	0.88	738	7.3	4.46	8.0	1410	<20	<50	0.04	<1	
D70929 (585932)	<1	1.04	26	12	0.70	775	9.3	3.80	4.7	946	<20	<50	0.02	<1	
D70930 (585933)	<1	1.30	24	14	0.68	707	11.9	3.38	3.9	820	<20	<50	0.02	<1	
D70931 (585934)	<1	1.14	25	18	0.69	673	11.5	3.49	3.7	994	<20	<50	0.14	<1	
D70932 (585935)	2	0.02	<2	1	2.49	49	<0.5	0.04	<0.5	75	<20	<50	<0.01	<1	
D70933 (585936)	<1	1.19	23	18	0.62	674	11.2	3.36	3.6	983	<20	<50	0.06	<1	
D70934 (585937)	<1	1.21	29	18	0.41	351	11.6	3.55	3.1	572	<20	<50	0.04	<1	
D70935 (585938)	<1	1.00	26	19	0.39	352	12.6	3.45	5.7	347	<20	<50	0.04	<1	
D70936 (585939)	<1	1.24	23	12	0.31	371	13.5	3.25	4.5	289	<20	<50	0.09	<1	
D70937 (585940)	<1	1.04	25	10	0.32	356	12.9	3.30	4.6	352	<20	<50	0.07	<1	
D70938 (585941)	<1	1.07	26	10	0.33	368	13.8	3.39	4.7	357	<20	<50	0.07	<1	
D70939 (585942)	<1	1.05	25	11	0.29	300	14.7	3.23	4.5	297	<20	<50	0.02	<1	
D70940 (585943)	<1	1.06	24	9	0.33	380	13.2	3.55	5.2	328	<20	<50	0.08	<1	
D70941 (585944)	<1	0.94	24	15	0.45	466	13.4	3.47	5.3	386	<20	<50	0.05	<1	
D70942 (585945)	<1	1.42	25	9	0.35	423	13.9	3.34	6.1	261	<20	<50	0.03	<1	
D70943 (585946)	<1	1.45	25	8	0.32	363	11.6	3.27	4.8	283	<20	<50	0.06	<1	
D70944 (585947)	<1	1.14	27	12	0.32	362	13.9	3.24	5.0	321	<20	<50	0.04	<1	
D70945 (585948)	<1	0.79	26	12	0.32	345	13.2	3.34	5.7	331	<20	<50	0.11	<1	
D70946 (585949)	<1	0.21	5	13	4.21	1410	<0.5	2.25	85.0	378	<20	<50	0.14	<1	
D70947 (585950)	<1	0.65	26	10	0.44	438	13.6	3.32	6.0	476	<20	<50	0.02	<1	
D70948 (585951)	<1	0.67	37	9	0.60	495	12.2	3.45	5.9	591	<20	<50	0.01	<1	
D70949 (585952)	<1	0.61	21	8	0.33	319	13.4	3.69	4.2	313	<20	<50	0.02	<1	
D70950 (585953)	<1	0.60	25	8	1.08	560	11.2	3.57	38.9	592	<20	<50	0.05	<1	
D70951 (585954)	<1	0.63	18	8	0.88	712	9.8	3.69	14.2	866	<20	<50	0.05	<1	
D70952 (585955)	3	0.03	<2	<1	1.20	33	0.6	0.07	1.2	72	<20	<50	<0.01	1	
D70953 (585956)	<1	2.40	54	16	9.94	1370	1.0	0.96	518	1330	<20	<50	0.17	<1	
D70954 (585957)	<1	2.31	55	17	9.89	1470	1.1	1.06	480	1430	<20	<50	0.17	<1	
D70955 (585958)	<1	2.15	60	14	10.6	1460	1.0	0.93	533	1410	<20	<50	0.18	<1	
D70956 (585959)	<1	0.54	14	9	1.41	1100	4.8	3.59	16.8	1120	<20	<50	0.01	<1	

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AGAT WORK ORDER: 19T526354

PROJECT: AGAT00803

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 02, 2019	DATE RECEIVED: Oct 03, 2019					DATE REPORTED: Oct 16, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D70957 (585960)	<1	0.67	13	12	1.59	1210	3.1	3.58	14.0	1140	<20	<50	0.04	<1	
D70958 (585961)	<1	0.67	13	12	1.56	1230	3.7	3.68	13.5	1160	<20	<50	0.04	<1	
D70959 (585962)	<1	0.56	13	10	1.40	1080	5.1	3.63	12.1	1410	<20	<50	0.03	<1	
D70960 (585963)	<1	0.54	10	11	1.69	1330	5.1	2.75	11.6	918	<20	<50	0.02	<1	
D70961 (585964)	<1	0.64	14	13	1.46	1200	5.3	3.25	12.0	1200	<20	<50	0.02	<1	
D70962 (585965)	<1	0.88	27	17	0.47	429	10.8	3.09	6.9	410	<20	<50	0.08	<1	
D70963 (585966)	<1	0.82	23	20	0.75	368	10.1	3.06	21.5	422	<20	<50	0.12	<1	
D70964 (585967)	<1	0.71	7	15	2.32	1530	3.8	2.52	25.0	567	<20	<50	0.05	<1	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 02, 2019

DATE RECEIVED: Oct 03, 2019

DATE REPORTED: Oct 16, 2019

SAMPLE TYPE: Drill Core

Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D70893 (585896)	16	<10	<5	291	<10	<10	<5	0.58	<5	<50	31.8	<1	27	333
D70894 (585897)	17	<10	<5	296	<10	<10	<5	0.40	<5	<50	66.7	<1	20	66.0
D70895 (585898)	21	<10	<5	918	<10	<10	<5	0.90	<5	<50	251	<1	25	123
D70896 (585899)	13	<10	<5	265	<10	<10	<5	0.42	<5	<50	29.0	<1	30	63.7
D70897 (585900)	14	<10	<5	211	<10	<10	<5	0.32	<5	<50	35.7	<1	30	65.5
D70898 (585901)	14	<10	<5	212	<10	<10	<5	0.33	<5	<50	34.3	<1	29	66.5
D70899 (585902)	13	<10	<5	232	<10	<10	<5	0.40	<5	<50	21.6	<1	32	78.9
D70900 (585903)	14	<10	<5	239	<10	<10	<5	0.39	<5	<50	12.0	<1	34	89.2
D70901 (585904)	14	<10	<5	232	<10	<10	<5	0.35	<5	<50	11.1	<1	33	80.3
D70902 (585905)	12	<10	<5	194	<10	<10	<5	0.35	<5	<50	13.5	<1	33	75.8
D70903 (585906)	14	<10	<5	424	<10	<10	<5	1.08	<5	<50	139	<1	22	83.5
D70904 (585907)	13	<10	<5	189	<10	<10	<5	0.35	<5	<50	13.8	<1	33	81.0
D70905 (585908)	13	<10	<5	247	<10	<10	<5	0.44	<5	<50	19.3	<1	33	84.1
D70906 (585909)	33	<10	<5	248	<10	<10	<5	0.85	<5	<50	230	<1	21	88.9
D70907 (585910)	15	<10	<5	235	<10	<10	<5	0.44	<5	<50	28.4	<1	29	88.0
D70908 (585911)	13	<10	<5	239	<10	<10	<5	0.45	<5	<50	16.8	<1	27	75.2
D70909 (585912)	11	<10	<5	209	<10	<10	<5	0.37	<5	<50	14.0	<1	29	71.2
D70910 (585913)	12	<10	<5	214	<10	<10	<5	0.39	<5	<50	23.5	<1	27	75.8
D70911 (585914)	7	<10	<5	163	<10	<10	<5	0.24	<5	<50	18.6	<1	15	43.0
D70912 (585915)	<1	<10	<5	76	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	3.6
D70913 (585916)	14	<10	<5	225	<10	<10	<5	0.44	<5	<50	28.9	<1	28	84.2
D70914 (585917)	7	<10	<5	210	<10	<10	<5	0.25	<5	<50	10.6	<1	18	52.5
D70915 (585918)	14	<10	<5	227	<10	<10	<5	0.46	<5	<50	18.9	<1	36	94.1
D70916 (585919)	15	<10	<5	245	<10	<10	<5	0.47	<5	<50	20.5	<1	33	86.8
D70917 (585920)	16	<10	<5	274	<10	<10	<5	0.46	<5	<50	56.7	<1	32	87.2
D70918 (585921)	17	<10	<5	270	<10	<10	<5	0.46	<5	<50	57.8	<1	33	87.7
D70919 (585922)	15	<10	<5	273	<10	<10	<5	0.48	<5	<50	20.1	<1	32	60.3
D70920 (585923)	2	<10	<5	229	<10	<10	<5	0.25	<5	<50	17.8	<1	5	38.9
D70921 (585924)	15	<10	<5	245	<10	<10	<5	0.53	<5	<50	24.5	<1	31	69.4
D70922 (585925)	15	<10	<5	256	<10	<10	<5	0.55	<5	<50	22.5	<1	32	67.1
D70923 (585926)	13	<10	<5	249	<10	<10	<5	0.45	<5	<50	20.6	<1	29	60.0
D70924 (585927)	15	<10	<5	298	<10	<10	<5	0.49	<5	<50	39.8	<1	33	65.1

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## Certificate of Analysis

AGAT WORK ORDER: 19T526354

PROJECT: AGAT00803

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 02, 2019	DATE RECEIVED: Oct 03, 2019					DATE REPORTED: Oct 16, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D70925 (585928)	22	<10	<5	1040	<10	<10	<5	1.70	<5	<50	296	<1	27	113	
D70926 (585929)	34	<10	<5	249	<10	<10	<5	0.85	<5	<50	237	<1	22	89.6	
D70927 (585930)	21	<10	<5	1030	<10	<10	<5	1.56	<5	<50	251	<1	39	104	
D70928 (585931)	10	<10	<5	288	<10	<10	<5	0.38	<5	<50	24.9	<1	32	72.2	
D70929 (585932)	12	<10	<5	203	<10	<10	<5	0.39	<5	<50	22.4	<1	30	77.5	
D70930 (585933)	12	<10	<5	205	<10	<10	<5	0.40	<5	<50	28.4	<1	28	71.3	
D70931 (585934)	12	<10	<5	208	<10	<10	<5	0.41	<5	<50	23.2	<1	28	73.3	
D70932 (585935)	<1	<10	<5	78	<10	<10	<5	<0.01	<5	<50	0.9	1	2	3.8	
D70933 (585936)	11	<10	<5	190	<10	<10	<5	0.37	<5	<50	16.7	<1	26	62.9	
D70934 (585937)	3	<10	<5	168	<10	<10	<5	0.28	<5	<50	15.0	<1	12	43.5	
D70935 (585938)	6	<10	<5	136	<10	<10	<5	0.23	<5	<50	21.2	<1	15	39.6	
D70936 (585939)	8	<10	<5	127	<10	<10	<5	0.24	<5	<50	19.1	<1	26	32.8	
D70937 (585940)	9	<10	<5	127	<10	<10	<5	0.27	<5	<50	21.2	<1	26	33.0	
D70938 (585941)	9	<10	<5	132	<10	<10	<5	0.28	<5	<50	21.3	<1	26	34.0	
D70939 (585942)	6	<10	<5	125	<10	<10	<5	0.24	<5	<50	19.5	<1	19	31.4	
D70940 (585943)	9	<10	<5	137	<10	<10	<5	0.26	<5	<50	26.0	<1	21	32.8	
D70941 (585944)	11	<10	<5	129	<10	<10	<5	0.33	<5	<50	28.6	<1	27	42.6	
D70942 (585945)	7	<10	<5	130	<10	<10	<5	0.25	<5	<50	21.0	<1	25	38.9	
D70943 (585946)	7	<10	<5	127	<10	<10	<5	0.24	<5	<50	21.4	<1	24	36.2	
D70944 (585947)	9	<10	<5	131	<10	<10	<5	0.26	<5	<50	21.8	<1	27	37.3	
D70945 (585948)	9	<10	<5	133	<10	<10	<5	0.27	<5	<50	21.5	<1	27	32.1	
D70946 (585949)	45	<10	<5	113	<10	<10	<5	0.68	<5	<50	298	<1	22	77.1	
D70947 (585950)	12	<10	<5	144	<10	<10	<5	0.35	<5	<50	36.2	<1	30	34.2	
D70948 (585951)	13	<10	<5	163	<10	<10	<5	0.49	<5	<50	39.4	<1	34	30.2	
D70949 (585952)	8	<10	<5	173	<10	<10	<5	0.29	<5	<50	22.0	<1	22	21.6	
D70950 (585953)	13	<10	<5	197	<10	<10	<5	0.43	<5	<50	44.4	<1	34	40.0	
D70951 (585954)	16	<10	<5	178	<10	<10	<5	0.55	<5	<50	68.1	<1	31	52.1	
D70952 (585955)	<1	<10	<5	73	<10	<10	<5	<0.01	<5	<50	0.8	1	2	2.7	
D70953 (585956)	21	<10	<5	793	<10	<10	<5	1.78	<5	<50	267	<1	20	85.6	
D70954 (585957)	23	<10	<5	837	<10	<10	<5	1.90	<5	<50	281	<1	21	83.8	
D70955 (585958)	21	<10	<5	859	<10	<10	<5	1.86	<5	<50	274	<1	21	88.6	
D70956 (585959)	28	<10	<5	228	<10	<10	<5	0.86	<5	<50	86.6	<1	39	67.0	

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## Certificate of Analysis

AGAT WORK ORDER: 19T526354

PROJECT: AGAT00803

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 02, 2019	DATE RECEIVED: Oct 03, 2019					DATE REPORTED: Oct 16, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D70957 (585960)	28	<10	<5	200	<10	<10	<5	0.87	<5	<50	101	<1	37	68.7	
D70958 (585961)	28	<10	<5	198	<10	<10	<5	0.89	<5	<50	98.2	<1	37	68.8	
D70959 (585962)	26	<10	<5	207	<10	<10	<5	0.87	<5	<50	93.9	<1	38	56.1	
D70960 (585963)	32	<10	<5	143	<10	<10	<5	0.89	<5	<50	98.4	<1	44	76.4	
D70961 (585964)	27	<10	<5	192	<10	<10	<5	0.88	<5	<50	91.4	<1	36	78.9	
D70962 (585965)	12	<10	<5	143	<10	<10	<5	0.33	<5	<50	27.2	<1	33	28.1	
D70963 (585966)	10	<10	<5	194	<10	<10	<5	0.29	<5	<50	35.9	<1	21	28.6	
D70964 (585967)	41	<10	<5	170	<10	<10	<5	1.11	<5	<50	366	<1	36	77.6	

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## Certificate of Analysis

AGAT WORK ORDER: 19T526354

PROJECT: AGAT00803

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 02, 2019      DATE RECEIVED: Oct 03, 2019      DATE REPORTED: Oct 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Concentration (ppm)
	Zr	ppm	5	
D70893 (585896)				39
D70894 (585897)				69
D70895 (585898)				54
D70896 (585899)				103
D70897 (585900)				81
D70898 (585901)				81
D70899 (585902)				107
D70900 (585903)				83
D70901 (585904)				82
D70902 (585905)				87
D70903 (585906)				75
D70904 (585907)				91
D70905 (585908)				76
D70906 (585909)				70
D70907 (585910)				67
D70908 (585911)				81
D70909 (585912)				93
D70910 (585913)				86
D70911 (585914)				112
D70912 (585915)				<5
D70913 (585916)				90
D70914 (585917)				87
D70915 (585918)				68
D70916 (585919)				57
D70917 (585920)				90
D70918 (585921)				79
D70919 (585922)				55
D70920 (585923)				107
D70921 (585924)				48
D70922 (585925)				62
D70923 (585926)				85
D70924 (585927)				96

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## Certificate of Analysis

AGAT WORK ORDER: 19T526354

PROJECT: AGAT00803

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 02, 2019      DATE RECEIVED: Oct 03, 2019      DATE REPORTED: Oct 16, 2019      SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D70925 (585928)	38
D70926 (585929)	73
D70927 (585930)	44
D70928 (585931)	104
D70929 (585932)	114
D70930 (585933)	93
D70931 (585934)	86
D70932 (585935)	<5
D70933 (585936)	128
D70934 (585937)	165
D70935 (585938)	116
D70936 (585939)	89
D70937 (585940)	84
D70938 (585941)	77
D70939 (585942)	95
D70940 (585943)	86
D70941 (585944)	86
D70942 (585945)	98
D70943 (585946)	104
D70944 (585947)	96
D70945 (585948)	84
D70946 (585949)	52
D70947 (585950)	81
D70948 (585951)	98
D70949 (585952)	78
D70950 (585953)	97
D70951 (585954)	72
D70952 (585955)	<5
D70953 (585956)	63
D70954 (585957)	70
D70955 (585958)	61
D70956 (585959)	56

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AGAT WORK ORDER: 19T526354

PROJECT: AGAT00803

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 02, 2019	DATE RECEIVED: Oct 03, 2019	DATE REPORTED: Oct 16, 2019	SAMPLE TYPE: Drill Core
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Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D70957 (585960)	27
D70958 (585961)	31
D70959 (585962)	48
D70960 (585963)	35
D70961 (585964)	66
D70962 (585965)	119
D70963 (585966)	79
D70964 (585967)	32

Comments: RDL - Reported Detection Limit  
 585896-585967 As, Sb values may be low due to digestion losses.  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T526354

PROJECT: AGAT00803

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 02, 2019

DATE RECEIVED: Oct 03, 2019

DATE REPORTED: Oct 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D70893 (585896)			0.006
D70894 (585897)			0.002
D70895 (585898)			0.006
D70896 (585899)			0.002
D70897 (585900)			0.001
D70898 (585901)			0.002
D70899 (585902)			0.002
D70900 (585903)			0.003
D70901 (585904)			0.002
D70902 (585905)			0.004
D70903 (585906)			0.003
D70904 (585907)			0.003
D70905 (585908)			0.011
D70906 (585909)			0.338
D70907 (585910)			0.003
D70908 (585911)			0.004
D70909 (585912)			0.015
D70910 (585913)			0.003
D70911 (585914)			0.001
D70912 (585915)			<0.001
D70913 (585916)			0.002
D70914 (585917)			0.002
D70915 (585918)			0.005
D70916 (585919)			0.006
D70917 (585920)			0.003
D70918 (585921)			0.003
D70919 (585922)			0.007
D70920 (585923)			0.003
D70921 (585924)			0.002
D70922 (585925)			0.002
D70923 (585926)			0.002
D70924 (585927)			0.004

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T526354

PROJECT: AGAT00803

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 02, 2019      DATE RECEIVED: Oct 03, 2019      DATE REPORTED: Oct 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D70925 (585928)		0.002	
D70926 (585929)		0.334	
D70927 (585930)		0.002	
D70928 (585931)		0.002	
D70929 (585932)		0.002	
D70930 (585933)		0.002	
D70931 (585934)		0.011	
D70932 (585935)		0.001	
D70933 (585936)		0.007	
D70934 (585937)		0.005	
D70935 (585938)		0.020	
D70936 (585939)		0.007	
D70937 (585940)		0.003	
D70938 (585941)		0.003	
D70939 (585942)		0.002	
D70940 (585943)		0.001	
D70941 (585944)		0.003	
D70942 (585945)		0.002	
D70943 (585946)		0.003	
D70944 (585947)		0.002	
D70945 (585948)		0.003	
D70946 (585949)		0.525	
D70947 (585950)		0.002	
D70948 (585951)		0.001	
D70949 (585952)		0.002	
D70950 (585953)		0.002	
D70951 (585954)		0.003	
D70952 (585955)		0.001	
D70953 (585956)		0.003	
D70954 (585957)		0.002	
D70955 (585958)		0.002	
D70956 (585959)		0.001	

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## Certificate of Analysis

AGAT WORK ORDER: 19T526354

PROJECT: AGAT00803

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 02, 2019

DATE RECEIVED: Oct 03, 2019

DATE REPORTED: Oct 16, 2019

SAMPLE TYPE: Drill Core

Analyte:	Au
Unit:	ppm
RDL:	0.001
Sample ID (AGAT ID)	
D70957 (585960)	0.005
D70958 (585961)	0.009
D70959 (585962)	0.003
D70960 (585963)	0.004
D70961 (585964)	0.004
D70962 (585965)	0.004
D70963 (585966)	0.005
D70964 (585967)	0.003

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T526354

PROJECT: AGAT00803

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Oct 02, 2019

DATE RECEIVED: Oct 03, 2019

DATE REPORTED: Oct 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D70894 (585897)		79.68
D70911 (585914)		83.85
D70928 (585931)		85.94
D70951 (585954)		79.23

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T526354

PROJECT: AGAT00803

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Oct 02, 2019

DATE RECEIVED: Oct 03, 2019

DATE REPORTED: Oct 16, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL: 0.01
D70893 (585896)	88.79

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	585896	< 0.5	< 0.5	0.0%	585910	< 0.5	< 0.5	0.0%	585921	< 0.5	< 0.5	0.0%	585935	< 0.5	< 0.5	0.0%
Al	585896	8.95	8.99	0.4%	585910	8.18	8.33	1.8%	585921	7.87	8.09	2.8%	585935	0.05	0.05	0.0%
As	585896	< 1	< 1	0.0%	585910	< 1	< 1	0.0%	585921	< 1	< 1	0.0%	585935	1	< 1	
Ba	585896	228	227	0.4%	585910	274	284	3.6%	585921	350	351	0.3%	585935	20	18	10.5%
Be	585896	0.6	0.6	0.0%	585910	0.6	0.6	0.0%	585921	1.0	1.0	0.0%	585935	< 0.5	< 0.5	0.0%
Bi	585896	< 1	< 1	0.0%	585910	< 1	< 1	0.0%	585921	< 1	< 1	0.0%	585935	< 1	< 1	0.0%
Ca	585896	4.38	4.14	5.6%	585910	3.40	3.53	3.8%	585921	3.60	3.67	1.9%	585935	32.3	31.6	2.2%
Cd	585896	< 0.5	< 0.5	0.0%	585910	< 0.5	< 0.5	0.0%	585921	< 0.5	< 0.5	0.0%	585935	< 0.5	< 0.5	0.0%
Ce	585896	42	43	2.4%	585910	48	47	2.1%	585921	46	47	2.2%	585935	< 1	< 1	0.0%
Co	585896	10.7	11.5	7.2%	585910	10.7	10.1	5.8%	585921	14.1	12.8	9.7%	585935	< 0.5	< 0.5	0.0%
Cr	585896	77.0	75.6	1.8%	585910	109	104	4.7%	585921	120	122	1.7%	585935	5.71	7.31	24.6%
Cu	585896	26.1	23.7	9.6%	585910	< 0.5	< 0.5	0.0%	585921	< 0.5	< 0.5	0.0%	585935	< 0.5	< 0.5	0.0%
Fe	585896	5.44	5.48	0.7%	585910	4.93	5.05	2.4%	585921	5.42	5.47	0.9%	585935	0.108	0.100	7.7%
Ga	585896	23	24	4.3%	585910	22	22	0.0%	585921	23	23	0.0%	585935	6	5	18.2%
In	585896	< 1	< 1	0.0%	585910	< 1	< 1	0.0%	585921	< 1	< 1	0.0%	585935	2	2	0.0%
K	585896	0.99	0.98	1.0%	585910	1.34	1.37	2.2%	585921	1.21	1.23	1.6%	585935	0.02	0.02	0.0%
La	585896	19	19	0.0%	585910	21	20	4.9%	585921	20	20	0.0%	585935	< 2	< 2	0.0%
Li	585896	9	9	0.0%	585910	14	14	0.0%	585921	21	22	4.7%	585935	1	< 1	
Mg	585896	1.03	1.03	0.0%	585910	0.981	1.01	2.9%	585921	1.51	1.56	3.3%	585935	2.49	2.30	7.9%
Mn	585896	1170	1180	0.9%	585910	1120	1140	1.8%	585921	1100	1130	2.7%	585935	49	46	6.3%
Mo	585896	7.37	7.10	3.7%	585910	8.5	8.6	1.2%	585921	7.24	8.41	15.0%	585935	< 0.5	0.8	
Na	585896	3.65	3.69	1.1%	585910	3.39	3.47	2.3%	585921	3.07	3.06	0.3%	585935	0.04	0.04	0.0%
Ni	585896	3.47	3.23	7.2%	585910	15.2	15.2	0.0%	585921	14.1	13.3	5.8%	585935	< 0.5	0.8	
P	585896	1610	1610	0.0%	585910	1250	1210	3.3%	585921	1310	1270	3.1%	585935	75	67	11.3%
Pb	585896	51	55	7.5%	585910	< 20	< 20	0.0%	585921	< 20	< 20	0.0%	585935	< 20	< 20	0.0%
Rb	585896	< 50	< 50	0.0%	585910	< 50	< 50	0.0%	585921	< 50	< 50	0.0%	585935	< 50	< 50	0.0%
S	585896	0.17	0.16	6.1%	585910	0.01	0.02		585921	0.03	0.03	0.0%	585935	< 0.01	< 0.01	0.0%
Sb	585896	< 1	< 1	0.0%	585910	< 1	< 1	0.0%	585921	< 1	< 1	0.0%	585935	< 1	< 1	0.0%
Sc	585896	16	17	6.1%	585910	15	15	0.0%	585921	17	17	0.0%	585935	< 1	< 1	0.0%
Se	585896	< 10	< 10	0.0%	585910	< 10	< 10	0.0%	585921	< 10	< 10	0.0%	585935	< 10	< 10	0.0%
Sn	585896	< 5	< 5	0.0%	585910	< 5	< 5	0.0%	585921	< 5	< 5	0.0%	585935	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	585896	291	294	1.0%	585910	235	239	1.7%	585921	270	271	0.4%	585935	78	76	2.6%
Ta	585896	< 10	< 10	0.0%	585910	< 10	< 10	0.0%	585921	< 10	< 10	0.0%	585935	< 10	< 10	0.0%
Te	585896	< 10	< 10	0.0%	585910	< 10	< 10	0.0%	585921	< 10	< 10	0.0%	585935	< 10	< 10	0.0%
Th	585896	< 5	< 5	0.0%	585910	< 5	< 5	0.0%	585921	< 5	< 5	0.0%	585935	< 5	< 5	0.0%
Ti	585896	0.58	0.58	0.0%	585910	0.442	0.462	4.4%	585921	0.46	0.47	2.2%	585935	< 0.01	< 0.01	0.0%
Tl	585896	< 5	< 5	0.0%	585910	< 5	< 5	0.0%	585921	< 5	< 5	0.0%	585935	< 5	< 5	0.0%
U	585896	< 50	< 50	0.0%	585910	< 50	< 50	0.0%	585921	< 50	< 50	0.0%	585935	< 50	< 50	0.0%
V	585896	31.8	32.0	0.6%	585910	28.4	27.0	5.1%	585921	57.8	56.2	2.8%	585935	0.87	0.82	5.9%
W	585896	< 1	< 1	0.0%	585910	< 1	< 1	0.0%	585921	< 1	< 1	0.0%	585935	1	1	0.0%
Y	585896	27	27	0.0%	585910	29	29	0.0%	585921	33	32	3.1%	585935	2	2	0.0%
Zn	585896	333	334	0.3%	585910	88.0	89.5	1.7%	585921	87.7	87.0	0.8%	585935	3.8	4.2	10.0%
Zr	585896	39	40	2.5%	585910	67	68	1.5%	585921	79	91	14.1%	585935	< 5	< 5	0.0%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	585946	< 0.5	< 0.5	0.0%	585960	< 0.5	< 0.5	0.0%								
Al	585946	6.95	7.00	0.7%	585960	8.54	8.63	1.0%								
As	585946	< 1	< 1	0.0%	585960	< 1	< 1	0.0%								
Ba	585946	419	406	3.2%	585960	216	221	2.3%								
Be	585946	0.9	0.9	0.0%	585960	< 0.5	< 0.5	0.0%								
Bi	585946	< 1	< 1	0.0%	585960	< 1	< 1	0.0%								
Ca	585946	1.76	1.72	2.3%	585960	4.66	4.79	2.8%								
Cd	585946	< 0.5	< 0.5	0.0%	585960	< 0.5	< 0.5	0.0%								
Ce	585946	56	61	8.5%	585960	28	29	3.5%								
Co	585946	4.94	5.27	6.5%	585960	20.6	21.4	3.8%								
Cr	585946	97.5	111	12.9%	585960	46.2	48.7	5.3%								
Cu	585946	20.7	23.9	14.3%	585960	20.7	20.4	1.5%								
Fe	585946	2.57	2.54	1.2%	585960	7.85	8.02	2.1%								
Ga	585946	16	17	6.1%	585960	27	25	7.7%								
In	585946	< 1	< 1	0.0%	585960	< 1	< 1	0.0%								
K	585946	1.45	1.43	1.4%	585960	0.67	0.67	0.0%								
La	585946	25	27	7.7%	585960	13	14	7.4%								
Li	585946	8	8	0.0%	585960	12	12	0.0%								
Mg	585946	0.32	0.32	0.0%	585960	1.59	1.62	1.9%								
Mn	585946	363	357	1.7%	585960	1210	1230	1.6%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	585946	11.6	13.2	12.9%	585960	3.1	3.2	3.2%								
Na	585946	3.27	3.27	0.0%	585960	3.58	3.72	3.8%								
Ni	585946	4.8	4.7	2.1%	585960	14.0	14.1	0.7%								
P	585946	283	298	5.2%	585960	1140	1140	0.0%								
Pb	585946	< 20	< 20	0.0%	585960	< 20	< 20	0.0%								
Rb	585946	< 50	< 50	0.0%	585960	< 50	< 50	0.0%								
S	585946	0.062	0.068	9.2%	585960	0.04	0.04	0.0%								
Sb	585946	< 1	< 1	0.0%	585960	< 1	< 1	0.0%								
Sc	585946	7	7	0.0%	585960	28	28	0.0%								
Se	585946	< 10	< 10	0.0%	585960	< 10	< 10	0.0%								
Sn	585946	< 5	< 5	0.0%	585960	< 5	< 5	0.0%								
Sr	585946	127	126	0.8%	585960	200	205	2.5%								
Ta	585946	< 10	< 10	0.0%	585960	< 10	< 10	0.0%								
Te	585946	< 10	< 10	0.0%	585960	< 10	< 10	0.0%								
Th	585946	< 5	< 5	0.0%	585960	< 5	< 5	0.0%								
Ti	585946	0.24	0.24	0.0%	585960	0.87	0.88	1.1%								
Tl	585946	< 5	< 5	0.0%	585960	< 5	< 5	0.0%								
U	585946	< 50	< 50	0.0%	585960	< 50	< 50	0.0%								
V	585946	21.4	21.7	1.4%	585960	101	99.1	1.9%								
W	585946	< 1	< 1	0.0%	585960	< 1	< 1	0.0%								
Y	585946	24	25	4.1%	585960	37	37	0.0%								
Zn	585946	36.2	36.4	0.6%	585960	68.7	69.6	1.3%								
Zr	585946	104	105	1.0%	585960	27	34	23.0%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	585896	0.0063	0.0069	9.1%	585910	0.003	0.003	0.0%	585921	0.003	0.003	0.0%	585935	0.001	< 0.001	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	585946	0.003	0.003	0.0%	585960	0.005	0.003									



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GS4H)				CRM #3 (ref.WMG-1a)				CRM #4 (ref.1P5R)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag									3.03	3.31	109%	90% - 110%				
Al	10.95	10.86	99%	90% - 110%	8.17	8.43	103%	90% - 110%	4.75	4.95	104%	90% - 110%	6.96	6.99	100%	90% - 110%
As					26	25	96%	90% - 110%					124	124	100%	90% - 110%
Ba	340	330	97%	90% - 110%	540	515	95%	90% - 110%	216	224	104%	90% - 110%	186	180	97%	90% - 110%
Be	2.6	2.6	99%	90% - 110%	4.0	3.1	78%	90% - 110%								
Ca	5.72	5.41	95%	90% - 110%	0.907	0.892	98%	90% - 110%	10	9	93%	90% - 110%	4.01	3.75	93%	90% - 110%
Ce	122	116	95%	90% - 110%	98	99	101%	90% - 110%					24	22	91%	90% - 110%
Co	2.8	2.1	73%	90% - 110%					191	181	95%	90% - 110%	22.1	21.8	98%	90% - 110%
Cr					60.3	65.4	108%	90% - 110%	670	551	82%	90% - 110%				
Cu					150	152	101%	90% - 110%	7120	7369	103%	90% - 110%	88.6	80.3	91%	90% - 110%
Fe	4.34	4.02	93%	90% - 110%	3.77	3.74	99%	90% - 110%	12.71	11.94	94%	90% - 110%	7.56	7.12	94%	90% - 110%
Ga	35	34	99%	90% - 110%												
K	1.37	1.39	102%	90% - 110%					0.1021	0.1079	106%	90% - 110%	2.021	2.052	102%	90% - 110%
La	58	52	90%	90% - 110%	44	43	99%	90% - 110%	8.47	9.83	116%	90% - 110%				
Li	37	37	101%	90% - 110%	47	47	100%	90% - 110%								
Mg	0.325	0.302	93%	90% - 110%	1.10	1.1	100%	90% - 110%	7.41	7.18	97%	90% - 110%	2.412	2.348	97%	90% - 110%
Mn					780	783	100%	90% - 110%					1510	1449	96%	90% - 110%
Mo					14	12	88%	90% - 110%								
Na	5.267	5.189	99%	90% - 110%	1.624	1.62	100%	90% - 110%	0.112	0.127	114%	90% - 110%	0.617	0.627	102%	90% - 110%
Ni					32	33	102%	90% - 110%	2480	2168	87%	90% - 110%	77.1	71.7	93%	90% - 110%
P					750	747	100%	90% - 110%	731	696	95%	90% - 110%	892	887	99%	90% - 110%
Pb					31	25	81%	90% - 110%								
S													0.348	0.317	91%	90% - 110%
Sc	1.1	0.8	76%	90% - 110%	12	12	104%	90% - 110%	21.33	21.78	102%	90% - 110%				
Sr	1191	1160	97%	90% - 110%	144	148	102%	90% - 110%	39	38	97%	90% - 110%	92.8	88.1	95%	90% - 110%
Ti	0.172	0.164	95%	90% - 110%	0.53	0.48	91%	90% - 110%	0.419	0.417	100%	90% - 110%				
V	8	7	85%	90% - 110%	77	82	107%	90% - 110%	158	161	102%	90% - 110%				
Y	119	118	99%	90% - 110%					12.67	13.38	106%	90% - 110%				
Zn	93	101	108%	90% - 110%	130	125	96%	90% - 110%	112	107	96%	90% - 110%	208	205	98%	90% - 110%
Zr									35.7	36.6	103%	90% - 110%				

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GS4H)				CRM #3 (ref.GSP5G)				CRM #4 (ref.1P5R)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.89	100%	90% - 110%	5.01	4.75	95%	90% - 110%	0.562	0.537	96%	90% - 110%	1.81	1.72	95%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00803  
 SAMPLING SITE:

AGAT WORK ORDER: 19T526354  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00806

AGAT WORK ORDER: 19T526968

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Oct 16, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T526968

PROJECT: AGAT00806

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Oct 03, 2019

DATE RECEIVED: Oct 04, 2019

DATE REPORTED: Oct 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D70965 (588885)		0.68
D70966 (588886)		0.07
D70967 (588887)		2.33
D70968 (588888)		1.74
D70969 (588889)		0.73
D70970 (588890)		2.98
D70971 (588891)		2.70
D70972 (588892)		0.69
D70973 (588893)		2.40
D70974 (588894)		2.26
D70975 (588895)		2.35
D70976 (588896)		2.34
D70977 (588897)		1.28
D70978 (588898)		1.26
D70979 (588899)		2.40
D70980 (588900)		0.70
D70981 (588901)		2.74
D70982 (588902)		3.02
D70983 (588903)		2.29
D70984 (588904)		2.22
D70985 (588905)		2.41
D70986 (588906)		0.07
D70987 (588907)		1.61
D70988 (588908)		2.18
D70989 (588909)		2.44
D70990 (588910)		2.20
D70991 (588911)		1.25
D70992 (588912)		0.67
D70993 (588913)		1.27
D70994 (588914)		1.06
D70995 (588915)		2.70

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T526968

PROJECT: AGAT00806

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Oct 03, 2019      DATE RECEIVED: Oct 04, 2019      DATE REPORTED: Oct 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D70996 (588916)		3.73
D70997 (588917)		2.80
D70998 (588918)		2.80
D70999 (588919)		1.44
D71000 (588920)		2.10
D71001 (588921)		3.71
D71002 (588922)		2.82
D71003 (588923)		3.84
D71004 (588924)		0.99
D71005 (588925)		2.46
D71006 (588926)		0.07
D71007 (588927)		1.66
D71008 (588928)		0.69
D71009 (588929)		1.33
D71010 (588930)		1.41
D71011 (588931)		1.24
D71012 (588932)		0.76
D71013 (588933)		1.04
D71014 (588934)		3.11
D71015 (588935)		1.24
D71016 (588936)		3.32
D71017 (588937)		4.12
D71018 (588938)		4.12
D71019 (588939)		3.49
D71020 (588940)		4.00
D71021 (588941)		0.60
D71022 (588942)		1.25
D71023 (588943)		1.02
D71024 (588944)		2.71
D71025 (588945)		2.29
D71026 (588946)		0.07

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T526968

PROJECT: AGAT00806

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Oct 03, 2019

DATE RECEIVED: Oct 04, 2019

DATE REPORTED: Oct 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D71027 (588947)		3.56
D71028 (588948)		2.38
D71029 (588949)		1.79
D71030 (588950)		1.80
D71031 (588951)		0.76
D71032 (588952)		0.66
D71033 (588953)		2.36
D71034 (588954)		1.65
D71035 (588955)		0.96
D71036 (588956)		0.75

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T526968

PROJECT: AGAT00806

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 03, 2019	DATE RECEIVED: Oct 04, 2019							DATE REPORTED: Oct 16, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D70965 (588885)	<0.5	5.24	<1	89	0.6	<1	4.05	<0.5	11	14.9	136	4.4	5.15	14	
D70966 (588886)	<0.5	7.23	<1	143	<0.5	<1	6.81	<0.5	9	40.9	128	151	8.05	19	
D70967 (588887)	<0.5	8.05	<1	154	1.0	<1	5.45	<0.5	25	26.2	66.8	33.0	8.59	25	
D70968 (588888)	<0.5	8.72	<1	194	0.8	<1	5.31	<0.5	32	22.2	64.3	14.6	6.83	22	
D70969 (588889)	<0.5	10.2	<1	221	1.3	<1	4.54	<0.5	43	12.1	52.3	5.0	3.73	23	
D70970 (588890)	<0.5	8.98	<1	163	0.8	<1	5.51	<0.5	28	23.3	68.0	26.6	6.49	22	
D70971 (588891)	<0.5	8.79	<1	99	0.7	<1	5.62	<0.5	25	24.0	55.5	44.1	6.30	22	
D70972 (588892)	<0.5	0.06	<1	20	<0.5	<1	30.5	<0.5	<1	<0.5	5.2	<0.5	0.09	<5	
D70973 (588893)	<0.5	8.60	<1	118	0.9	<1	5.86	<0.5	23	24.2	56.7	64.4	6.36	20	
D70974 (588894)	<0.5	8.87	<1	125	0.8	<1	5.76	<0.5	26	23.5	52.0	39.6	6.11	21	
D70975 (588895)	<0.5	8.76	<1	151	1.3	<1	5.49	<0.5	26	24.4	53.8	17.5	5.86	21	
D70976 (588896)	<0.5	8.81	<1	136	0.8	<1	5.71	<0.5	22	26.1	51.6	10.9	6.06	21	
D70977 (588897)	<0.5	8.92	<1	115	0.7	<1	6.30	<0.5	25	26.3	54.6	4.9	6.20	21	
D70978 (588898)	<0.5	9.27	<1	113	0.7	<1	6.33	<0.5	24	27.0	48.7	3.4	6.29	22	
D70979 (588899)	<0.5	8.43	<1	434	1.6	<1	4.66	<0.5	50	17.4	67.9	39.9	4.51	20	
D70980 (588900)	<0.5	7.39	<1	1560	1.2	<1	2.57	<0.5	81	11.0	74.4	27.0	3.08	16	
D70981 (588901)	<0.5	8.26	<1	534	2.4	<1	4.98	<0.5	29	23.0	71.9	6.0	5.24	18	
D70982 (588902)	<0.5	7.89	<1	258	2.9	<1	4.74	<0.5	24	22.5	85.5	1.8	4.73	18	
D70983 (588903)	<0.5	7.75	<1	347	1.1	<1	3.07	<0.5	62	8.7	72.4	25.4	3.38	19	
D70984 (588904)	<0.5	6.94	<1	256	1.1	<1	2.93	<0.5	61	11.2	89.9	6.9	4.12	19	
D70985 (588905)	<0.5	7.26	<1	283	1.0	<1	2.82	<0.5	64	8.8	72.9	4.0	3.79	18	
D70986 (588906)	<0.5	7.20	<1	140	0.5	<1	6.70	<0.5	10	40.6	142	152	7.98	19	
D70987 (588907)	<0.5	7.55	<1	261	1.2	<1	3.29	<0.5	48	12.0	78.1	16.5	4.16	19	
D70988 (588908)	<0.5	7.45	<1	127	1.1	<1	4.81	<0.5	31	28.1	69.0	83.6	8.75	24	
D70989 (588909)	<0.5	7.40	<1	107	1.1	<1	4.46	<0.5	23	21.6	90.5	31.8	6.15	22	
D70990 (588910)	<0.5	7.48	<1	169	0.8	<1	5.04	<0.5	28	29.6	129	73.9	6.96	21	
D70991 (588911)	<0.5	7.75	<1	266	1.1	<1	2.74	<0.5	28	11.9	66.9	52.7	3.05	19	
D70992 (588912)	<0.5	0.06	<1	22	<0.5	<1	33.9	<0.5	<1	<0.5	3.1	<0.5	0.09	<5	
D70993 (588913)	<0.5	6.99	<1	135	1.2	<1	5.54	<0.5	18	36.4	51.4	56.0	10.4	24	
D70994 (588914)	0.7	7.29	<1	446	0.9	<1	2.23	<0.5	57	8.6	77.0	29.3	3.47	18	
D70995 (588915)	<0.5	6.84	<1	106	1.2	<1	5.11	<0.5	20	32.9	65.1	107	9.72	24	
D70996 (588916)	<0.5	6.98	<1	118	0.8	<1	4.55	<0.5	29	29.4	70.7	55.7	10.9	28	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T526968

PROJECT: AGAT00806

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 03, 2019	DATE RECEIVED: Oct 04, 2019							DATE REPORTED: Oct 16, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D70997 (588917)	<0.5	7.08	<1	137	0.9	<1	4.67	<0.5	24	27.3	75.3	49.1	9.17	23	
D70998 (588918)	<0.5	7.39	<1	135	0.9	<1	4.76	<0.5	25	28.5	80.4	51.4	9.30	24	
D70999 (588919)	<0.5	7.11	<1	312	1.1	<1	4.09	<0.5	28	30.2	60.8	53.8	8.72	24	
D71000 (588920)	<0.5	7.40	<1	200	1.0	<1	3.82	<0.5	49	14.9	80.1	34.2	4.39	19	
D71001 (588921)	<0.5	6.92	<1	46	0.9	<1	6.43	<0.5	13	41.3	28.0	28.0	12.2	27	
D71002 (588922)	<0.5	6.96	<1	43	0.8	<1	6.26	<0.5	16	37.7	43.9	42.6	11.7	27	
D71003 (588923)	<0.5	7.02	<1	86	1.1	<1	5.91	<0.5	23	28.3	35.8	17.8	10.6	25	
D71004 (588924)	<0.5	7.34	<1	100	1.1	<1	4.17	<0.5	50	12.1	58.5	1.9	5.16	19	
D71005 (588925)	<0.5	6.49	<1	50	1.2	<1	5.64	<0.5	18	31.5	37.8	17.9	10.9	27	
D71006 (588926)	<0.5	7.28	<1	144	0.5	<1	6.89	<0.5	10	40.6	121	151	8.19	18	
D71007 (588927)	<0.5	5.79	<1	307	5.1	<1	5.27	<0.5	35	29.8	95.5	18.2	9.17	22	
D71008 (588928)	20.8	2.94	<1	983	2.8	<1	6.94	<0.5	166	61.6	785	121	8.85	15	
D71009 (588929)	<0.5	1.87	<1	91	6.1	<1	10.1	<0.5	70	57.0	330	70.7	7.01	8	
D71010 (588930)	<0.5	2.98	4	291	1.5	<1	9.99	<0.5	377	20.2	104	14.5	6.58	10	
D71011 (588931)	61.8	7.10	<1	776	1.5	<1	4.18	<0.5	32	31.3	97.8	182	7.98	21	
D71012 (588932)	<0.5	0.07	<1	24	<0.5	<1	32.0	<0.5	<1	<0.5	3.4	<0.5	0.09	<5	
D71013 (588933)	<0.5	5.03	<1	1040	2.3	<1	6.02	<0.5	35	34.0	75.4	31.0	8.52	15	
D71014 (588934)	<0.5	7.32	<1	916	0.9	<1	5.45	<0.5	30	44.8	43.6	13.2	9.10	19	
D71015 (588935)	<0.5	8.27	<1	1670	2.1	<1	2.35	<0.5	17	11.6	73.2	9.9	3.37	22	
D71016 (588936)	<0.5	7.60	<1	317	1.7	<1	5.73	<0.5	20	31.2	84.8	59.3	8.40	23	
D71017 (588937)	<0.5	6.99	<1	72	1.3	<1	5.73	<0.5	21	35.5	47.8	72.6	10.7	25	
D71018 (588938)	<0.5	7.02	<1	72	1.2	<1	5.72	<0.5	23	34.1	49.0	69.4	10.6	25	
D71019 (588939)	<0.5	6.64	<1	41	0.8	<1	5.25	<0.5	22	24.2	50.1	17.2	10.4	27	
D71020 (588940)	<0.5	6.82	<1	176	1.1	<1	4.75	<0.5	29	21.7	61.8	25.4	8.90	24	
D71021 (588941)	<0.5	6.34	<1	381	0.9	<1	2.83	<0.5	16	10.6	98.2	17.0	3.81	17	
D71022 (588942)	<0.5	7.10	<1	444	1.2	<1	4.51	<0.5	27	23.3	71.8	22.5	8.80	24	
D71023 (588943)	<0.5	6.72	2	760	0.9	<1	2.71	<0.5	53	4.3	97.6	2.0	2.02	15	
D71024 (588944)	<0.5	7.00	<1	166	1.0	<1	5.45	<0.5	25	27.2	78.5	65.1	9.57	25	
D71025 (588945)	<0.5	6.90	<1	93	0.9	<1	5.62	<0.5	26	29.1	62.5	32.8	10.6	26	
D71026 (588946)	<0.5	7.48	<1	190	0.7	<1	6.54	<0.5	21	37.3	148	108	7.97	20	
D71027 (588947)	<0.5	6.62	<1	174	1.1	<1	5.80	<0.5	21	29.2	56.7	32.8	10.3	25	
D71028 (588948)	<0.5	6.18	<1	418	1.3	<1	5.07	<0.5	118	29.4	68.8	38.4	9.40	23	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T526968

PROJECT: AGAT00806

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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 TEL (905)501-9998  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 03, 2019	DATE RECEIVED: Oct 04, 2019							DATE REPORTED: Oct 16, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.01	5	
D71029 (588949)	<0.5	5.41	<1	447	1.1	<1	5.16	<0.5	143	29.5	66.4	8.9	9.79	20	
D71030 (588950)	<0.5	6.75	<1	74	1.0	<1	5.96	<0.5	14	31.7	68.2	12.1	10.3	25	
D71031 (588951)	<0.5	5.58	7	630	4.4	<1	4.95	<0.5	54	34.9	270	40.8	6.11	18	
D71032 (588952)	<0.5	0.06	<1	29	<0.5	<1	32.1	<0.5	<1	<0.5	10.6	<0.5	0.09	<5	
D71033 (588953)	<0.5	7.20	<1	395	3.4	<1	2.79	<0.5	47	9.7	92.6	110	3.60	19	
D71034 (588954)	<0.5	2.09	<1	533	5.6	<1	4.95	<0.5	82	64.5	655	73.9	7.30	10	
D71035 (588955)	<0.5	6.62	<1	525	2.4	<1	3.71	<0.5	26	23.7	95.4	120	7.10	22	
D71036 (588956)	<0.5	6.47	<1	136	1.2	<1	2.15	<0.5	5	9.5	84.8	75.4	2.25	16	

Certified By:



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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 03, 2019

DATE RECEIVED: Oct 04, 2019

DATE REPORTED: Oct 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D70965 (588885)		<1	0.63	4	14	1.22	718	14.5	2.00	12.9	344	<20	<50	0.02	<1
D70966 (588886)		<1	0.20	3	12	4.59	1320	1.0	2.30	87.2	419	<20	<50	0.15	<1
D70967 (588887)		<1	0.78	10	16	2.15	1160	7.5	2.91	22.8	962	<20	<50	0.05	<1
D70968 (588888)		<1	0.87	14	21	2.11	999	7.8	3.20	27.6	1900	<20	<50	0.03	<1
D70969 (588889)		<1	0.81	22	21	1.12	545	7.8	4.33	15.8	1050	<20	<50	0.01	<1
D70970 (588890)		<1	0.75	12	17	2.10	933	8.6	3.26	32.1	1650	<20	<50	0.02	<1
D70971 (588891)		<1	0.55	10	17	2.16	910	6.5	2.96	32.8	1620	<20	<50	0.03	<1
D70972 (588892)		<1	0.01	<2	1	1.80	83	0.8	0.03	<0.5	63	<20	<50	0.02	<1
D70973 (588893)		<1	0.73	10	19	2.23	903	7.1	2.85	36.7	1320	<20	<50	0.03	<1
D70974 (588894)		<1	0.67	11	19	2.23	887	6.5	2.94	36.4	1520	<20	<50	0.02	<1
D70975 (588895)		<1	0.77	11	17	2.19	866	6.2	3.04	39.8	1100	<20	<50	0.02	<1
D70976 (588896)		<1	0.64	9	13	2.38	867	5.5	3.04	45.2	842	<20	<50	0.02	<1
D70977 (588897)		<1	0.64	11	10	2.42	889	6.3	3.02	48.2	754	<20	<50	0.01	<1
D70978 (588898)		<1	0.65	11	11	2.44	904	6.0	3.06	48.8	781	<20	<50	0.02	<1
D70979 (588899)		<1	1.57	23	15	2.03	726	8.5	3.42	43.9	805	<20	<50	0.05	<1
D70980 (588900)		<1	1.61	38	13	1.08	400	9.5	3.51	24.5	874	<20	<50	0.04	<1
D70981 (588901)		<1	1.02	13	27	2.68	885	6.1	3.77	69.6	593	<20	<50	0.02	<1
D70982 (588902)		<1	0.69	10	31	2.56	841	7.9	4.08	76.8	502	<20	<50	0.04	<1
D70983 (588903)		<1	1.17	29	13	0.97	508	10.3	3.50	12.5	740	<20	<50	0.07	<1
D70984 (588904)		<1	0.96	28	12	0.99	588	11.8	3.35	20.9	717	<20	<50	0.10	<1
D70985 (588905)		<1	0.86	29	11	0.85	530	11.4	3.41	13.1	603	36	<50	0.05	<1
D70986 (588906)		<1	0.20	3	12	4.56	1310	1.5	2.31	86.8	406	<20	<50	0.15	<1
D70987 (588907)		<1	0.85	21	19	1.18	618	10.3	3.21	17.3	919	<20	<50	0.05	<1
D70988 (588908)		<1	0.64	12	17	2.10	1040	8.1	2.98	15.3	1240	<20	<50	0.17	<1
D70989 (588909)		<1	0.63	10	14	2.16	875	8.6	2.91	36.1	558	<20	<50	0.06	<1
D70990 (588910)		<1	0.87	12	16	3.59	1100	7.0	2.58	71.3	549	<20	<50	0.12	<1
D70991 (588911)		<1	1.94	13	15	0.78	393	10.3	3.21	19.2	227	<20	<50	0.10	<1
D70992 (588912)		<1	0.02	<2	<1	1.55	115	<0.5	0.03	<0.5	81	<20	<50	0.02	<1
D70993 (588913)		<1	0.74	5	17	2.98	1430	5.4	2.20	38.7	559	<20	<50	0.10	<1
D70994 (588914)		<1	0.99	25	13	0.65	290	14.1	3.14	5.7	540	<20	<50	0.05	<1
D70995 (588915)		<1	0.87	7	17	2.57	1290	7.3	2.24	32.0	518	<20	<50	0.17	<1
D70996 (588916)		<1	0.63	10	14	2.07	1500	7.0	2.42	7.2	876	<20	<50	0.16	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T526968

PROJECT: AGAT00806

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 03, 2019

DATE RECEIVED: Oct 04, 2019

DATE REPORTED: Oct 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D70997 (588917)		<1	0.91	9	17	2.34	1190	7.0	2.40	37.1	744	<20	<50	0.11	<1
D70998 (588918)		<1	0.97	9	17	2.45	1240	6.7	2.45	37.6	751	<20	<50	0.11	<1
D70999 (588919)		<1	1.60	12	28	2.33	1140	7.6	2.16	29.2	632	44	<50	0.15	<1
D71000 (588920)		<1	0.51	21	10	1.41	629	9.8	2.95	18.0	525	<20	<50	0.11	<1
D71001 (588921)		<1	0.31	4	15	3.02	1910	3.0	1.98	6.7	442	<20	<50	0.16	<1
D71002 (588922)		<1	0.26	5	14	2.74	1770	4.3	1.98	13.1	574	<20	<50	0.15	<1
D71003 (588923)		<1	0.40	8	17	2.34	1630	4.9	2.34	8.0	739	<20	<50	0.10	<1
D71004 (588924)		<1	0.26	21	8	1.17	782	8.0	3.17	9.2	681	<20	<50	0.03	<1
D71005 (588925)		<1	0.65	6	13	2.26	1590	5.0	2.28	14.3	641	<20	<50	0.12	<1
D71006 (588926)		<1	0.22	3	12	4.63	1340	1.6	2.35	86.3	414	<20	<50	0.15	<1
D71007 (588927)		<1	2.30	15	41	2.48	1350	4.9	3.35	41.7	466	20	<50	0.12	<1
D71008 (588928)		<1	2.01	80	40	12.0	1330	3.4	0.79	575	2520	<20	<50	0.14	<1
D71009 (588929)		<1	2.26	34	1220	8.08	1340	2.4	0.95	421	309	<20	<50	0.06	<1
D71010 (588930)		<1	2.23	144	7	3.77	1480	3.2	1.13	56.8	125	<20	<50	0.05	<1
D71011 (588931)		<1	1.00	13	21	2.96	1050	6.3	3.01	68.6	604	24	<50	0.12	<1
D71012 (588932)		<1	0.01	<2	1	1.82	88	<0.5	0.04	<0.5	74	<20	<50	0.02	<1
D71013 (588933)		<1	2.45	13	30	3.66	1500	4.8	2.21	96.3	3410	57	<50	0.09	<1
D71014 (588934)		<1	2.05	11	21	4.23	1330	4.4	2.74	112	338	<20	<50	0.05	<1
D71015 (588935)		<1	1.72	6	22	1.11	445	7.7	3.57	30.9	532	36	<50	0.08	<1
D71016 (588936)		<1	0.96	8	17	2.95	1120	4.4	2.78	45.2	508	<20	<50	0.14	<1
D71017 (588937)		<1	0.40	8	14	2.68	1420	6.9	2.43	20.6	755	<20	<50	0.32	<1
D71018 (588938)		<1	0.42	8	13	2.63	1410	6.5	2.46	19.2	833	<20	<50	0.30	<1
D71019 (588939)		<1	0.33	7	12	1.78	1510	6.6	2.23	4.6	790	<20	<50	0.12	<1
D71020 (588940)		<1	0.67	11	14	1.74	1290	7.2	2.73	7.1	676	<20	<50	0.16	<1
D71021 (588941)		<1	0.67	8	9	0.80	522	10.5	3.09	5.0	266	<20	<50	0.08	<1
D71022 (588942)		<1	0.89	11	13	1.87	1230	7.4	3.11	10.7	564	<20	<50	0.13	<1
D71023 (588943)		<1	0.94	21	7	0.57	313	12.0	3.59	9.3	93	<20	<50	0.02	<1
D71024 (588944)		<1	0.61	9	11	2.13	1250	7.2	2.54	14.3	727	<20	<50	0.34	<1
D71025 (588945)		<1	0.51	10	13	2.42	1390	7.3	2.36	22.1	696	<20	<50	0.17	<1
D71026 (588946)		<1	0.44	9	11	4.62	1290	1.7	2.39	106	847	<20	<50	0.09	<1
D71027 (588947)		<1	1.01	7	11	2.46	1420	5.5	2.62	28.6	519	100	<50	0.17	<1
D71028 (588948)		<1	1.23	48	9	2.42	1330	5.8	2.42	33.9	1050	36	<50	0.26	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T526968

PROJECT: AGAT00806

5623 McADAM ROAD  
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 CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 03, 2019	DATE RECEIVED: Oct 04, 2019				DATE REPORTED: Oct 16, 2019				SAMPLE TYPE: Drill Core						
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D71029 (588949)	<1	2.82	58	10	2.73	1500	3.5	2.85	49.7	304	46	<50	0.07	<1	
D71030 (588950)	<1	0.69	4	8	2.74	1340	5.6	2.25	28.3	558	<20	<50	0.09	<1	
D71031 (588951)	<1	1.47	26	22	6.42	860	5.1	3.15	301	1360	<20	<50	0.07	<1	
D71032 (588952)	<1	0.02	<2	<1	1.65	104	0.9	0.03	0.8	72	<20	<50	<0.01	<1	
D71033 (588953)	<1	0.97	21	18	1.01	342	9.3	3.61	27.5	463	<20	<50	0.48	<1	
D71034 (588954)	<1	1.84	40	46	13.3	1030	1.7	1.99	761	1040	<20	<50	0.10	<1	
D71035 (588955)	<1	0.90	11	18	1.90	880	9.3	3.65	28.1	681	<20	<50	0.63	<1	
D71036 (588956)	<1	0.69	2	10	0.51	186	13.2	2.99	13.4	84	<20	<50	0.35	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 03, 2019	DATE RECEIVED: Oct 04, 2019					DATE REPORTED: Oct 16, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D70965 (588885)	17	<10	<5	136	<10	<10	<5	0.61	<5	<50	144	<1	16	46.5	
D70966 (588886)	46	<10	<5	109	<10	<10	<5	0.69	<5	<50	311	<1	23	81.3	
D70967 (588887)	33	<10	<5	178	<10	<10	<5	0.97	<5	<50	290	<1	28	80.9	
D70968 (588888)	23	<10	<5	211	<10	<10	<5	0.96	<5	<50	194	<1	22	74.2	
D70969 (588889)	14	<10	<5	279	<10	<10	<5	0.46	<5	<50	110	<1	16	45.8	
D70970 (588890)	23	<10	<5	232	<10	<10	<5	0.88	<5	<50	212	<1	22	82.8	
D70971 (588891)	23	<10	<5	214	<10	<10	<5	0.86	<5	<50	218	<1	21	80.3	
D70972 (588892)	<1	<10	<5	68	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	3.7	
D70973 (588893)	23	<10	<5	211	<10	<10	<5	0.77	<5	<50	222	<1	19	79.0	
D70974 (588894)	23	<10	<5	232	<10	<10	<5	0.81	<5	<50	231	<1	20	62.5	
D70975 (588895)	22	<10	<5	212	<10	<10	<5	0.67	<5	<50	230	<1	20	62.7	
D70976 (588896)	23	<10	<5	218	<10	<10	<5	0.65	<5	<50	246	<1	17	61.0	
D70977 (588897)	23	<10	<5	290	<10	<10	<5	0.62	<5	<50	247	<1	16	62.3	
D70978 (588898)	23	<10	<5	294	<10	<10	<5	0.62	<5	<50	255	<1	16	61.5	
D70979 (588899)	18	<10	<5	430	<10	<10	<5	0.35	<5	<50	137	<1	13	71.7	
D70980 (588900)	7	<10	<5	223	<10	<10	6	0.24	<5	<50	57.2	<1	11	62.1	
D70981 (588901)	22	<10	<5	235	<10	<10	<5	0.40	<5	<50	152	<1	22	69.4	
D70982 (588902)	20	<10	<5	227	<10	<10	<5	0.36	<5	<50	130	<1	19	62.7	
D70983 (588903)	12	<10	<5	323	<10	<10	<5	0.35	<5	<50	62.3	<1	22	49.2	
D70984 (588904)	13	<10	<5	184	<10	<10	<5	0.40	<5	<50	59.5	<1	26	40.2	
D70985 (588905)	12	<10	<5	180	<10	<10	<5	0.39	<5	<50	57.0	<1	26	39.5	
D70986 (588906)	46	<10	<5	109	<10	<10	<5	0.68	<5	<50	307	<1	22	78.4	
D70987 (588907)	16	<10	<5	225	<10	<10	<5	0.47	<5	<50	77.9	<1	27	49.9	
D70988 (588908)	31	<10	<5	205	<10	<10	<5	0.89	<5	<50	244	<1	32	82.6	
D70989 (588909)	24	<10	<5	178	<10	<10	<5	0.62	<5	<50	198	<1	25	58.0	
D70990 (588910)	30	<10	<5	192	<10	<10	<5	0.60	<5	<50	204	<1	26	79.1	
D70991 (588911)	8	<10	<5	248	<10	<10	<5	0.23	<5	<50	66.7	<1	9	69.2	
D70992 (588912)	<1	<10	<5	76	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	2.9	
D70993 (588913)	43	<10	<5	151	<10	<10	<5	0.94	<5	<50	394	<1	39	108	
D70994 (588914)	11	<10	<5	258	<10	<10	<5	0.36	<5	<50	44.7	<1	21	39.6	
D70995 (588915)	37	<10	<5	137	<10	<10	<5	0.86	<5	<50	357	<1	36	118	
D70996 (588916)	35	<10	<5	124	<10	<10	<5	1.04	<5	<50	221	<1	52	99.4	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T526968

PROJECT: AGAT00806

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 03, 2019	DATE RECEIVED: Oct 04, 2019					DATE REPORTED: Oct 16, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D70997 (588917)	32	<10	<5	137	<10	<10	<5	0.81	<5	<50	220	<1	36	72.3	
D70998 (588918)	32	<10	<5	141	<10	<10	<5	0.82	<5	<50	230	<1	37	74.4	
D70999 (588919)	32	<10	<5	109	<10	<10	<5	0.86	<5	<50	358	<1	29	113	
D71000 (588920)	18	<10	<5	195	<10	<10	<5	0.49	<5	<50	115	<1	31	42.2	
D71001 (588921)	48	<10	<5	98	<10	<10	<5	1.01	<5	<50	442	<1	35	134	
D71002 (588922)	46	<10	<5	109	<10	<10	<5	1.09	<5	<50	374	<1	43	122	
D71003 (588923)	40	<10	<5	127	<10	<10	<5	1.11	<5	<50	294	<1	42	103	
D71004 (588924)	20	<10	<5	210	<10	<10	<5	0.57	<5	<50	123	<1	33	54.3	
D71005 (588925)	42	<10	<5	109	<10	<10	<5	1.07	<5	<50	338	<1	45	98.9	
D71006 (588926)	46	<10	<5	111	<10	<10	<5	0.70	<5	<50	310	<1	22	82.0	
D71007 (588927)	46	<10	<5	180	<10	<10	<5	0.71	<5	<50	346	<1	24	144	
D71008 (588928)	21	<10	<5	769	<10	<10	<5	2.05	<5	<50	248	3	25	86.5	
D71009 (588929)	74	<10	<5	734	<10	<10	<5	0.55	<5	<50	382	<1	19	57.6	
D71010 (588930)	45	<10	<5	537	<10	<10	175	0.19	<5	<50	197	<1	19	134	
D71011 (588931)	26	<10	<5	142	<10	<10	<5	0.62	<5	<50	206	<1	33	115	
D71012 (588932)	<1	<10	<5	73	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	3.8	
D71013 (588933)	46	<10	<5	464	<10	<10	<5	0.23	<5	<50	197	<1	17	252	
D71014 (588934)	26	<10	<5	171	<10	<10	<5	0.50	<5	<50	189	<1	17	198	
D71015 (588935)	10	<10	<5	198	<10	<10	5	0.25	<5	<50	67.0	<1	9	166	
D71016 (588936)	36	<10	<5	208	<10	<10	<5	0.67	<5	<50	396	<1	22	75.8	
D71017 (588937)	42	<10	<5	134	<10	<10	<5	1.01	<5	<50	446	<1	37	105	
D71018 (588938)	40	<10	<5	137	<10	<10	<5	1.03	<5	<50	422	<1	37	104	
D71019 (588939)	37	<10	<5	110	<10	<10	<5	1.09	<5	<50	200	<1	53	85.9	
D71020 (588940)	34	<10	<5	147	<10	<10	<5	0.91	<5	<50	200	<1	44	84.6	
D71021 (588941)	14	<10	<5	187	<10	<10	<5	0.36	<5	<50	98.8	<1	16	57.1	
D71022 (588942)	32	<10	<5	224	<10	<10	<5	0.91	<5	<50	252	<1	33	158	
D71023 (588943)	6	<10	<5	261	<10	<10	54	0.15	<5	<50	35.2	<1	9	55.2	
D71024 (588944)	35	<10	<5	155	<10	<10	<5	0.96	<5	<50	236	<1	44	92.3	
D71025 (588945)	40	<10	<5	127	<10	<10	<5	1.12	<5	<50	365	<1	44	100	
D71026 (588946)	34	<10	<5	247	<10	<10	<5	0.89	<5	<50	240	<1	22	91.9	
D71027 (588947)	41	<10	<5	152	<10	<10	<5	1.01	<5	<50	353	<1	37	145	
D71028 (588948)	37	<10	<5	165	<10	<10	81	0.77	<5	<50	306	<1	42	172	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T526968

PROJECT: AGAT00806

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 03, 2019	DATE RECEIVED: Oct 04, 2019					DATE REPORTED: Oct 16, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D71029 (588949)	36	<10	<5	218	<10	<10	110	0.58	<5	<50	257	<1	30	254	
D71030 (588950)	42	<10	<5	93	<10	<10	<5	1.03	<5	<50	384	<1	38	88.4	
D71031 (588951)	24	<10	<5	431	<10	<10	<5	1.00	<5	<50	178	<1	18	64.2	
D71032 (588952)	<1	<10	<5	74	<10	<10	<5	<0.01	<5	<50	1.1	<1	2	3.6	
D71033 (588953)	12	<10	<5	188	<10	<10	<5	0.31	<5	<50	57.3	<1	18	38.8	
D71034 (588954)	17	<10	<5	487	<10	<10	<5	1.22	<5	<50	174	<1	17	78.2	
D71035 (588955)	27	<10	<5	147	<10	<10	<5	0.59	<5	<50	207	<1	29	76.1	
D71036 (588956)	5	<10	<5	148	<10	<10	<5	0.19	<5	<50	55.7	<1	6	29.3	

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AGAT WORK ORDER: 19T526968

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 03, 2019

DATE RECEIVED: Oct 04, 2019

DATE REPORTED: Oct 16, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D70965 (588885)				24
D70966 (588886)				54
D70967 (588887)				46
D70968 (588888)				37
D70969 (588889)				31
D70970 (588890)				27
D70971 (588891)				25
D70972 (588892)				<5
D70973 (588893)				27
D70974 (588894)				25
D70975 (588895)				33
D70976 (588896)				34
D70977 (588897)				42
D70978 (588898)				31
D70979 (588899)				65
D70980 (588900)				120
D70981 (588901)				89
D70982 (588902)				90
D70983 (588903)				79
D70984 (588904)				88
D70985 (588905)				94
D70986 (588906)				55
D70987 (588907)				89
D70988 (588908)				38
D70989 (588909)				52
D70990 (588910)				70
D70991 (588911)				67
D70992 (588912)				<5
D70993 (588913)				59
D70994 (588914)				231
D70995 (588915)				59
D70996 (588916)				74

Certified By:







## Certificate of Analysis

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PROJECT: AGAT00806

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 03, 2019	DATE RECEIVED: Oct 04, 2019	DATE REPORTED: Oct 16, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D70997 (588917)				69
D70998 (588918)				68
D70999 (588919)				75
D71000 (588920)				227
D71001 (588921)				22
D71002 (588922)				24
D71003 (588923)				42
D71004 (588924)				201
D71005 (588925)				35
D71006 (588926)				54
D71007 (588927)				45
D71008 (588928)				201
D71009 (588929)				75
D71010 (588930)				19
D71011 (588931)				139
D71012 (588932)				<5
D71013 (588933)				72
D71014 (588934)				25
D71015 (588935)				50
D71016 (588936)				58
D71017 (588937)				37
D71018 (588938)				37
D71019 (588939)				30
D71020 (588940)				75
D71021 (588941)				52
D71022 (588942)				90
D71023 (588943)				33
D71024 (588944)				75
D71025 (588945)				62
D71026 (588946)				90
D71027 (588947)				32
D71028 (588948)				40

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T526968

PROJECT: AGAT00806

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 03, 2019

DATE RECEIVED: Oct 04, 2019

DATE REPORTED: Oct 16, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
Sample ID (AGAT ID)	RDL:
	5
D71029 (588949)	30
D71030 (588950)	31
D71031 (588951)	144
D71032 (588952)	<5
D71033 (588953)	180
D71034 (588954)	156
D71035 (588955)	115
D71036 (588956)	49

Comments: RDL - Reported Detection Limit

588885-588956 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T526968

PROJECT: AGAT00806

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 03, 2019      DATE RECEIVED: Oct 04, 2019      DATE REPORTED: Oct 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D70965 (588885)		0.001	
D70966 (588886)		0.523	
D70967 (588887)		0.003	
D70968 (588888)		0.004	
D70969 (588889)		<0.001	
D70970 (588890)		0.002	
D70971 (588891)		0.002	
D70972 (588892)		<0.001	
D70973 (588893)		0.003	
D70974 (588894)		0.003	
D70975 (588895)		0.002	
D70976 (588896)		0.003	
D70977 (588897)		0.002	
D70978 (588898)		0.002	
D70979 (588899)		0.001	
D70980 (588900)		0.001	
D70981 (588901)		0.003	
D70982 (588902)		0.002	
D70983 (588903)		0.001	
D70984 (588904)		0.009	
D70985 (588905)		<0.001	
D70986 (588906)		0.539	
D70987 (588907)		0.001	
D70988 (588908)		0.003	
D70989 (588909)		0.001	
D70990 (588910)		0.002	
D70991 (588911)		<0.001	
D70992 (588912)		<0.001	
D70993 (588913)		0.002	
D70994 (588914)		<0.001	
D70995 (588915)		0.003	
D70996 (588916)		<0.001	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T526968

PROJECT: AGAT00806

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 03, 2019      DATE RECEIVED: Oct 04, 2019      DATE REPORTED: Oct 16, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au	ppm	0.001	
D70997 (588917)				0.004
D70998 (588918)				0.002
D70999 (588919)				0.002
D71000 (588920)				<0.001
D71001 (588921)				0.002
D71002 (588922)				0.003
D71003 (588923)				0.001
D71004 (588924)				0.001
D71005 (588925)				<0.001
D71006 (588926)				0.528
D71007 (588927)				0.002
D71008 (588928)				0.002
D71009 (588929)				0.002
D71010 (588930)				0.001
D71011 (588931)				0.002
D71012 (588932)				<0.001
D71013 (588933)				0.001
D71014 (588934)				<0.001
D71015 (588935)				<0.001
D71016 (588936)				0.001
D71017 (588937)				<0.001
D71018 (588938)				0.002
D71019 (588939)				0.001
D71020 (588940)				0.001
D71021 (588941)				0.002
D71022 (588942)				0.001
D71023 (588943)				<0.001
D71024 (588944)				<0.001
D71025 (588945)				0.001
D71026 (588946)				0.346
D71027 (588947)				0.001
D71028 (588948)				0.002

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T526968

PROJECT: AGAT00806

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 03, 2019	DATE RECEIVED: Oct 04, 2019	DATE REPORTED: Oct 16, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au	ppm	0.001	
D71029 (588949)				0.008
D71030 (588950)				<0.001
D71031 (588951)				<0.001
D71032 (588952)				0.001
D71033 (588953)				0.001
D71034 (588954)				0.001
D71035 (588955)				0.047
D71036 (588956)				0.001

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T526968

PROJECT: AGAT00806

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 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Crushing)

DATE SAMPLED: Oct 03, 2019

DATE RECEIVED: Oct 04, 2019

DATE REPORTED: Oct 16, 2019


SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D70965 (588885)		88.94
D70985 (588905)		83.88
D71004 (588924)		86.56
D71024 (588944)		86.84

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





# Certificate of Analysis

AGAT WORK ORDER: 19T526968

PROJECT: AGAT00806

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Oct 03, 2019	DATE RECEIVED: Oct 04, 2019	DATE REPORTED: Oct 16, 2019	SAMPLE TYPE: Drill Core
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Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL: 0.01
D70965 (588885)	88.68

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	588885	< 0.5	< 0.5	0.0%	588899	< 0.5	< 0.5	0.0%	588910	< 0.5	< 0.5	0.0%	588924	< 0.5	< 0.5	0.0%
Al	588885	5.24	5.43	3.6%	588899	8.43	8.50	0.8%	588910	7.48	7.47	0.1%	588924	7.34	7.16	2.5%
As	588885	< 1	< 1	0.0%	588899	< 1	< 1	0.0%	588910	< 1	< 1	0.0%	588924	< 1	< 1	0.0%
Ba	588885	89	92	3.3%	588899	434	434	0.0%	588910	169	156	8.0%	588924	100	96	4.1%
Be	588885	0.6	0.6	0.0%	588899	1.6	1.6	0.0%	588910	0.8	0.8	0.0%	588924	1.07	1.03	3.8%
Bi	588885	< 1	< 1	0.0%	588899	< 1	< 1	0.0%	588910	< 1	< 1	0.0%	588924	< 1	< 1	0.0%
Ca	588885	4.05	3.83	5.6%	588899	4.66	4.77	2.3%	588910	5.04	5.22	3.5%	588924	4.17	3.98	4.7%
Cd	588885	< 0.5	< 0.5	0.0%	588899	< 0.5	< 0.5	0.0%	588910	< 0.5	< 0.5	0.0%	588924	< 0.5	< 0.5	0.0%
Ce	588885	11	11	0.0%	588899	50	51	2.0%	588910	28	26	7.4%	588924	50	49	2.0%
Co	588885	14.9	15.1	1.3%	588899	17.4	17.5	0.6%	588910	29.6	28.4	4.1%	588924	12.1	12.1	0.0%
Cr	588885	136	140	2.9%	588899	67.9	68.1	0.3%	588910	129	127	1.6%	588924	58.5	56.4	3.7%
Cu	588885	4.44	5.25	16.7%	588899	39.9	41.2	3.2%	588910	73.9	64.5	13.6%	588924	1.9	1.4	
Fe	588885	5.15	5.36	4.0%	588899	4.51	4.61	2.2%	588910	6.96	6.93	0.4%	588924	5.16	5.01	2.9%
Ga	588885	14	15	6.9%	588899	20	20	0.0%	588910	21	19	10.0%	588924	19	19	0.0%
In	588885	< 1	< 1	0.0%	588899	< 1	< 1	0.0%	588910	< 1	< 1	0.0%	588924	< 1	< 1	0.0%
K	588885	0.63	0.65	3.1%	588899	1.57	1.58	0.6%	588910	0.873	0.794	9.5%	588924	0.26	0.26	0.0%
La	588885	4	4	0.0%	588899	23	24	4.3%	588910	12	11	8.7%	588924	21	21	0.0%
Li	588885	14	14	0.0%	588899	15	15	0.0%	588910	16	16	0.0%	588924	8	8	0.0%
Mg	588885	1.22	1.26	3.2%	588899	2.03	2.07	2.0%	588910	3.59	3.54	1.4%	588924	1.17	1.13	3.5%
Mn	588885	718	744	3.6%	588899	726	737	1.5%	588910	1100	1090	0.9%	588924	782	762	2.6%
Mo	588885	14.5	15.7	7.9%	588899	8.46	8.42	0.5%	588910	7.0	6.4	9.0%	588924	8.0	7.4	7.8%
Na	588885	2.00	2.10	4.9%	588899	3.42	3.46	1.2%	588910	2.58	2.68	3.8%	588924	3.17	3.04	4.2%
Ni	588885	12.9	13.5	4.5%	588899	43.9	44.2	0.7%	588910	71.3	72.0	1.0%	588924	9.22	10.4	12.0%
P	588885	344	355	3.1%	588899	805	791	1.8%	588910	549	547	0.4%	588924	681	656	3.7%
Pb	588885	< 20	< 20	0.0%	588899	< 20	< 20	0.0%	588910	< 20	< 20	0.0%	588924	< 20	< 20	0.0%
Rb	588885	< 50	< 50	0.0%	588899	< 50	< 50	0.0%	588910	< 50	< 50	0.0%	588924	< 50	< 50	0.0%
S	588885	0.02	0.03	40.0%	588899	0.05	0.05	0.0%	588910	0.12	0.11	8.7%	588924	0.03	0.03	0.0%
Sb	588885	< 1	< 1	0.0%	588899	< 1	< 1	0.0%	588910	< 1	< 1	0.0%	588924	< 1	< 1	0.0%
Sc	588885	17	18	5.7%	588899	18	18	0.0%	588910	30	30	0.0%	588924	20	19	5.1%
Se	588885	< 10	< 10	0.0%	588899	< 10	< 10	0.0%	588910	< 10	< 10	0.0%	588924	< 10	< 10	0.0%
Sn	588885	< 5	< 5	0.0%	588899	< 5	< 5	0.0%	588910	< 5	< 5	0.0%	588924	< 5	< 5	0.0%





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	588885	136	141	3.6%	588899	430	440	2.3%	588910	192	202	5.1%	588924	210	202	3.9%
Ta	588885	< 10	< 10	0.0%	588899	< 10	< 10	0.0%	588910	< 10	< 10	0.0%	588924	< 10	< 10	0.0%
Te	588885	< 10	< 10	0.0%	588899	< 10	< 10	0.0%	588910	< 10	< 10	0.0%	588924	< 10	< 10	0.0%
Th	588885	< 5	< 5	0.0%	588899	< 5	< 5	0.0%	588910	< 5	< 5	0.0%	588924	< 5	< 5	0.0%
Ti	588885	0.61	0.63	3.2%	588899	0.351	0.357	1.7%	588910	0.60	0.60	0.0%	588924	0.57	0.55	3.6%
Tl	588885	< 5	< 5	0.0%	588899	< 5	< 5	0.0%	588910	< 5	< 5	0.0%	588924	< 5	< 5	0.0%
U	588885	< 50	< 50	0.0%	588899	< 50	< 50	0.0%	588910	< 50	< 50	0.0%	588924	< 50	< 50	0.0%
V	588885	144	149	3.4%	588899	137	137	0.0%	588910	204	204	0.0%	588924	123	122	0.8%
W	588885	< 1	< 1	0.0%	588899	< 1	< 1	0.0%	588910	< 1	< 1	0.0%	588924	< 1	< 1	0.0%
Y	588885	16	17	6.1%	588899	13	13	0.0%	588910	26	26	0.0%	588924	33	33	0.0%
Zn	588885	46.5	49.6	6.5%	588899	71.7	70.5	1.7%	588910	79.1	74.4	6.1%	588924	54.3	52.0	4.3%
Zr	588885	24	24	0.0%	588899	65	63	3.1%	588910	70	68	2.9%	588924	201	201	0.0%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	588935	< 0.5	< 0.5	0.0%	588949	< 0.5	< 0.5	0.0%								
Al	588935	8.27	8.23	0.5%	588949	5.41	5.28	2.4%								
As	588935	< 1	< 1	0.0%	588949	< 1	< 1	0.0%								
Ba	588935	1670	1620	3.0%	588949	447	439	1.8%								
Be	588935	2.1	2.1	0.0%	588949	1.1	1.1	0.0%								
Bi	588935	< 1	< 1	0.0%	588949	< 1	< 1	0.0%								
Ca	588935	2.35	2.29	2.6%	588949	5.16	5.07	1.8%								
Cd	588935	< 0.5	< 0.5	0.0%	588949	< 0.5	< 0.5	0.0%								
Ce	588935	17	17	0.0%	588949	143	139	2.8%								
Co	588935	11.6	11.2	3.5%	588949	29.5	30.0	1.7%								
Cr	588935	73.2	73.4	0.3%	588949	66.4	60.6	9.1%								
Cu	588935	9.9	10.4	4.9%	588949	8.9	9.1	2.2%								
Fe	588935	3.37	3.33	1.2%	588949	9.79	9.64	1.5%								
Ga	588935	22	22	0.0%	588949	20	20	0.0%								
In	588935	< 1	< 1	0.0%	588949	< 1	< 1	0.0%								
K	588935	1.72	1.67	2.9%	588949	2.82	2.89	2.5%								
La	588935	6	7	15.4%	588949	58	56	3.5%								
Li	588935	22	21	4.7%	588949	10	10	0.0%								
Mg	588935	1.11	1.08	2.7%	588949	2.73	2.65	3.0%								
Mn	588935	445	462	3.7%	588949	1500	1450	3.4%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	588935	7.74	9.52	20.6%	588949	3.5	3.1	12.1%								
Na	588935	3.57	3.44	3.7%	588949	2.85	2.83	0.7%								
Ni	588935	30.9	31.0	0.3%	588949	49.7	50.7	2.0%								
P	588935	532	482	9.9%	588949	304	307	1.0%								
Pb	588935	36	42	15.4%	588949	46	51	10.3%								
Rb	588935	< 50	< 50	0.0%	588949	< 50	< 50	0.0%								
S	588935	0.078	0.072	8.0%	588949	0.07	0.07	0.0%								
Sb	588935	< 1	< 1	0.0%	588949	< 1	< 1	0.0%								
Sc	588935	10	10	0.0%	588949	36	36	0.0%								
Se	588935	< 10	< 10	0.0%	588949	< 10	< 10	0.0%								
Sn	588935	< 5	< 5	0.0%	588949	< 5	< 5	0.0%								
Sr	588935	198	190	4.1%	588949	218	215	1.4%								
Ta	588935	< 10	< 10	0.0%	588949	< 10	< 10	0.0%								
Te	588935	< 10	< 10	0.0%	588949	< 10	< 10	0.0%								
Th	588935	5	6	18.2%	588949	110	111	0.9%								
Ti	588935	0.25	0.25	0.0%	588949	0.577	0.558	3.3%								
Tl	588935	< 5	< 5	0.0%	588949	< 5	< 5	0.0%								
U	588935	< 50	< 50	0.0%	588949	< 50	< 50	0.0%								
V	588935	67.0	64.4	4.0%	588949	257	256	0.4%								
W	588935	< 1	< 1	0.0%	588949	< 1	< 1	0.0%								
Y	588935	9	9	0.0%	588949	30	30	0.0%								
Zn	588935	166	131	23.6%	588949	254	249	2.0%								
Zr	588935	50	39	24.7%	588949	30	30	0.0%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	588885	0.001	< 0.001		588899	0.001	0.001	0.0%	588910	0.002	< 0.001		588924	0.001	< 0.001	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	588935	< 0.001	< 0.001	0.0%	588949	0.008	0.001									

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GSP7M)				CRM #2 (ref.GS6F)				CRM #3 (ref.GS4H)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag													3.03	2.88	95%	90% - 110%
Al	10.95	10.26	94%	90% - 110%	8.17	8.24	101%	90% - 110%	6.96	6.88	99%	90% - 110%	4.75	4.9	103%	90% - 110%
As					26	22	83%	90% - 110%	124	122	98%	90% - 110%				
Ba	340	310	91%	90% - 110%	540	509	94%	90% - 110%	186	181	97%	90% - 110%	216	215	100%	90% - 110%
Be	2.6	2.6	99%	90% - 110%	4.0	3.4	86%	90% - 110%								
Ca	5.72	5.29	92%	90% - 110%	0.907	0.887	98%	90% - 110%	4.01	3.88	97%	90% - 110%	10	9	95%	90% - 110%
Ce	122	112	92%	90% - 110%	98	101	103%	90% - 110%	24	24	98%	90% - 110%				
Co									22.1	20.8	94%	90% - 110%	191	178	93%	90% - 110%
Cr					60.3	61	101%	90% - 110%					670	534	80%	90% - 110%
Cu					150	148	99%	90% - 110%	88.6	81.3	92%	90% - 110%	7120	7187	101%	90% - 110%
Fe	4.34	3.91	90%	90% - 110%	3.77	3.72	99%	90% - 110%	7.56	7.35	97%	90% - 110%	12.71	12.26	96%	90% - 110%
Ga	35	33	95%	90% - 110%												
K	1.37	1.37	100%	90% - 110%					2.021	2.077	103%	90% - 110%	0.1021	0.1094	107%	90% - 110%
La	58	53	91%	90% - 110%	44	44	101%	90% - 110%					8.47	8.09	96%	90% - 110%
Li	37	35	96%	90% - 110%	47	45	97%	90% - 110%								
Mg	0.325	0.294	91%	90% - 110%	1.10	1.11	101%	90% - 110%	2.412	2.53	105%	90% - 110%	7.41	7.87	106%	90% - 110%
Mn					780	719	92%	90% - 110%	1510	1359	90%	90% - 110%				
Mo					14	14	100%	90% - 110%					2.49	3.01	121%	90% - 110%
Na	5.267	5.103	97%	90% - 110%	1.624	1.692	104%	90% - 110%	0.617	0.643	104%	90% - 110%	0.112	0.121	108%	90% - 110%
Ni					32	32	100%	90% - 110%	77.1	70.9	92%	90% - 110%	2480	2285	92%	90% - 110%
P					750	713	95%	90% - 110%	892	876	98%	90% - 110%	731	700	96%	90% - 110%
Pb					31	28	89%	90% - 110%								
S									0.348	0.335	96%	90% - 110%				
Sc	1.1	1	91%	90% - 110%	12	13	105%	90% - 110%					21.33	21.78	102%	90% - 110%
Sr	1191	1067	90%	90% - 110%	144	147	102%	90% - 110%	92.8	86.3	93%	90% - 110%	39	38	97%	90% - 110%
Ti	0.172	0.16	93%	90% - 110%	0.53	0.48	91%	90% - 110%					0.419	0.421	100%	90% - 110%
V	8	8	97%	90% - 110%	77	79	103%	90% - 110%					158	168	106%	90% - 110%
Y	119	119	100%	90% - 110%									12.67	13.32	105%	90% - 110%
Zn	93	85	91%	90% - 110%	130	120	92%	90% - 110%	208	206	99%	90% - 110%	112	112	100%	90% - 110%
Zr													35.7	36.7	103%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GSP7M)				CRM #2 (ref.GS6F)				CRM #3 (ref.GS4H)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.725	0.691	95%	90% - 110%	6.87	6.51	95%	90% - 110%	5.01	5.01	100%	90% - 110%				

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00806  
 SAMPLING SITE:

AGAT WORK ORDER: 19T526968  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00813

AGAT WORK ORDER: 19T529496

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Oct 29, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T529496

PROJECT: AGAT00813

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Oct 09, 2019

DATE RECEIVED: Oct 10, 2019

DATE REPORTED: Oct 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D71037 (609260)		1.35
D71038 (609261)		1.35
D71039 (609262)		2.20
D71040 (609263)		2.34
D71041 (609264)		0.94
D71042 (609265)		0.68
D71043 (609266)		2.81
D71044 (609267)		3.08
D71045 (609268)		3.48
D71046 (609269)		0.07
D71047 (609270)		1.15
D71048 (609271)		2.25
D71049 (609272)		1.58
D71050 (609273)		2.02
D71051 (609274)		1.11
D71052 (609275)		0.58
D71053 (609276)		0.89
D71054 (609277)		0.75
D71055 (609278)		2.31
D71056 (609279)		2.48
D71057 (609280)		3.65
D71058 (609281)		3.65
D71059 (609282)		2.94
D71060 (609283)		0.63
D71061 (609284)		3.71
D71062 (609285)		3.26
D71063 (609286)		2.35
D71064 (609287)		2.44
D71065 (609288)		2.35
D71066 (609289)		0.07
D71067 (609290)		3.67

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T529496

PROJECT: AGAT00813

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Oct 09, 2019

DATE RECEIVED: Oct 10, 2019

DATE REPORTED: Oct 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D71068 (609291)		3.65
D71069 (609292)		3.42
D71070 (609293)		3.53
D71071 (609294)		3.87
D71072 (609295)		0.67
D71073 (609296)		2.12
D71074 (609297)		3.56
D71075 (609298)		2.25
D71076 (609299)		0.63
D71077 (609300)		2.02
D71078 (609301)		2.02
D71079 (609302)		2.40
D71080 (609303)		3.52
D71081 (609304)		3.45
D71082 (609305)		2.77
D71083 (609306)		0.76
D71084 (609307)		3.57
D71085 (609308)		2.22
D71086 (609309)		0.07
D71087 (609310)		2.52
D71088 (609311)		2.41
D71089 (609312)		2.23
D71090 (609313)		1.43
D71091 (609314)		2.42
D71092 (609315)		0.62
D71093 (609316)		2.45
D71094 (609317)		2.25
D71095 (609318)		2.35
D71096 (609319)		2.47
D71097 (609320)		2.48
D71098 (609321)		2.48

Certified By:





# Certificate of Analysis

AGAT WORK ORDER: 19T529496

PROJECT: AGAT00813

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Oct 09, 2019

DATE RECEIVED: Oct 10, 2019

DATE REPORTED: Oct 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D71099 (609322)		2.46
D71100 (609323)		2.30
D71101 (609324)		1.79
D71102 (609325)		1.72
D71103 (609326)		2.23
D71104 (609327)		2.22
D71105 (609328)		2.27
D71106 (609329)		0.07
D71107 (609330)		1.66
D71108 (609331)		1.68

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T529496

PROJECT: AGAT00813

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 09, 2019	DATE RECEIVED: Oct 10, 2019							DATE REPORTED: Oct 29, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D71037 (609260)	<0.5	7.13	<1	110	0.7	<1	4.24	<0.5	24	22.1	10.2	231	8.64	25	
D71038 (609261)	<0.5	7.30	<1	110	0.7	<1	4.46	<0.5	24	21.5	12.0	230	9.01	25	
D71039 (609262)	<0.5	8.26	<1	127	0.8	<1	3.47	<0.5	28	10.0	22.0	20.5	3.29	19	
D71040 (609263)	<0.5	8.18	<1	190	0.9	<1	2.99	<0.5	22	13.6	26.6	76.8	3.61	20	
D71041 (609264)	<0.5	7.58	<1	46	1.0	<1	6.25	<0.5	13	32.7	50.7	12.9	9.99	23	
D71042 (609265)	<0.5	7.11	<1	115	1.2	<1	2.79	<0.5	6	9.7	19.0	5.0	3.35	20	
D71043 (609266)	<0.5	7.52	<1	131	0.8	<1	5.77	<0.5	12	29.0	47.1	6.3	8.94	22	
D71044 (609267)	<0.5	7.07	<1	248	1.0	<1	4.77	<0.5	27	26.4	61.1	52.0	8.07	20	
D71045 (609268)	<0.5	6.86	<1	51	0.7	<1	5.25	<0.5	22	23.6	7.6	36.4	10.4	23	
D71046 (609269)	<0.5	7.43	<1	179	0.5	<1	6.33	<0.5	21	36.7	144	106	7.64	19	
D71047 (609270)	<0.5	6.26	<1	51	0.7	<1	4.34	<0.5	21	23.3	7.7	47.5	8.99	23	
D71048 (609271)	<0.5	6.82	<1	66	1.0	<1	5.32	<0.5	19	37.5	1.8	83.3	11.0	25	
D71049 (609272)	<0.5	7.57	<1	263	1.9	<1	3.03	<0.5	13	15.2	18.3	10.5	3.90	18	
D71050 (609273)	<0.5	7.18	<1	147	1.1	<1	4.43	<0.5	25	32.4	32.6	56.7	9.88	23	
D71051 (609274)	<0.5	3.66	<1	654	1.9	<1	9.76	<0.5	118	50.1	424	105	8.71	14	
D71052 (609275)	<0.5	0.07	1	18	<0.5	<1	31.3	<0.5	<1	0.7	4.3	<0.5	0.17	<5	
D71053 (609276)	<0.5	6.13	<1	144	1.3	<1	4.73	<0.5	27	34.5	38.1	104	11.2	24	
D71054 (609277)	0.7	4.12	<1	453	2.5	<1	6.99	<0.5	92	55.3	395	83.6	11.1	19	
D71055 (609278)	<0.5	6.29	<1	147	2.0	<1	6.16	0.5	19	37.7	64.9	100	9.19	19	
D71056 (609279)	<0.5	7.26	<1	84	1.3	<1	6.69	<0.5	13	33.8	86.4	102	9.79	22	
D71057 (609280)	<0.5	7.44	<1	62	1.1	<1	6.17	<0.5	14	32.8	80.9	78.0	9.80	23	
D71058 (609281)	<0.5	7.21	<1	55	0.8	<1	6.41	<0.5	14	33.3	84.3	84.0	10.3	23	
D71059 (609282)	<0.5	7.21	<1	53	0.7	<1	6.61	<0.5	15	32.0	71.6	85.7	10.2	23	
D71060 (609283)	<0.5	7.45	<1	153	0.8	<1	4.07	<0.5	14	14.5	17.6	79.1	4.99	20	
D71061 (609284)	<0.5	7.49	<1	35	<0.5	<1	6.25	<0.5	13	33.4	100	121	10.0	22	
D71062 (609285)	<0.5	7.45	<1	77	<0.5	<1	5.95	<0.5	17	30.2	64.0	130	8.84	22	
D71063 (609286)	<0.5	6.99	<1	60	0.7	<1	5.03	<0.5	11	34.2	43.9	126	9.30	22	
D71064 (609287)	<0.5	7.87	<1	138	0.6	<1	4.57	<0.5	9	32.3	81.2	36.6	6.21	18	
D71065 (609288)	<0.5	8.59	<1	79	<0.5	<1	5.79	<0.5	11	34.0	99.3	52.8	7.70	19	
D71066 (609289)	<0.5	7.15	<1	130	<0.5	<1	6.52	<0.5	9	38.1	136	144	7.67	17	
D71067 (609290)	<0.5	7.89	<1	63	<0.5	<1	6.71	<0.5	12	31.9	104	92.2	9.50	21	
D71068 (609291)	<0.5	7.34	<1	28	<0.5	<1	5.97	<0.5	14	32.8	83.3	83.1	9.78	22	

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T529496

PROJECT: AGAT00813

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 09, 2019	DATE RECEIVED: Oct 10, 2019							DATE REPORTED: Oct 29, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D71069 (609292)	<0.5	7.49	<1	39	<0.5	<1	6.70	<0.5	13	31.9	84.5	108	9.80	23	
D71070 (609293)	<0.5	7.29	<1	81	0.7	<1	6.65	<0.5	13	31.5	81.9	113	9.24	21	
D71071 (609294)	<0.5	7.48	<1	87	0.6	<1	5.97	<0.5	14	32.9	66.4	99.3	9.70	23	
D71072 (609295)	<0.5	0.08	<1	43	<0.5	<1	33.4	<0.5	<1	<0.5	0.5	<0.5	0.12	<5	
D71073 (609296)	<0.5	7.69	<1	254	0.6	<1	4.34	<0.5	18	27.1	26.4	75.3	7.71	21	
D71074 (609297)	<0.5	7.23	<1	80	0.6	<1	4.96	<0.5	14	32.0	19.0	30.8	11.5	25	
D71075 (609298)	<0.5	7.25	<1	50	<0.5	<1	5.55	<0.5	12	36.6	43.4	68.3	10.6	22	
D71076 (609299)	<0.5	7.67	<1	191	0.6	<1	3.27	<0.5	16	11.8	15.6	32.0	3.80	18	
D71077 (609300)	<0.5	7.24	<1	66	<0.5	<1	5.65	<0.5	14	36.8	44.2	71.4	10.8	23	
D71078 (609301)	<0.5	7.24	<1	65	<0.5	<1	5.40	<0.5	14	38.0	45.1	73.9	10.4	23	
D71079 (609302)	<0.5	7.93	<1	67	1.4	<1	6.10	<0.5	11	35.7	42.3	68.7	10.6	23	
D71080 (609303)	<0.5	8.22	<1	52	0.6	<1	6.20	<0.5	13	41.7	46.0	60.0	10.4	22	
D71081 (609304)	<0.5	8.20	<1	49	<0.5	<1	6.31	<0.5	12	31.6	86.4	67.1	9.59	24	
D71082 (609305)	<0.5	7.00	<1	50	<0.5	<1	5.71	<0.5	14	34.7	27.8	83.4	11.8	24	
D71083 (609306)	<0.5	7.70	<1	601	0.8	<1	3.05	<0.5	26	11.6	23.1	13.2	3.57	19	
D71084 (609307)	<0.5	7.46	<1	33	<0.5	<1	5.91	<0.5	13	33.0	40.2	41.7	10.9	24	
D71085 (609308)	<0.5	7.76	<1	114	0.6	<1	4.67	<0.5	14	30.4	42.9	44.9	9.05	22	
D71086 (609309)	<0.5	7.43	<1	135	<0.5	<1	6.79	0.5	10	38.4	146	149	7.98	16	
D71087 (609310)	<0.5	8.01	<1	147	0.7	<1	3.40	<0.5	15	21.3	35.0	56.4	6.24	22	
D71088 (609311)	<0.5	7.07	<1	20	<0.5	<1	5.92	<0.5	12	39.0	60.1	64.3	10.0	22	
D71089 (609312)	<0.5	7.65	<1	43	<0.5	<1	5.24	<0.5	16	34.9	69.4	101	9.08	21	
D71090 (609313)	<0.5	7.18	<1	159	<0.5	<1	2.88	<0.5	21	22.1	32.2	12.8	7.20	20	
D71091 (609314)	<0.5	7.40	<1	46	0.7	<1	5.49	<0.5	13	33.0	44.3	45.4	10.8	24	
D71092 (609315)	<0.5	0.04	<1	19	<0.5	<1	30.8	<0.5	<1	<0.5	2.9	0.5	0.18	<5	
D71093 (609316)	<0.5	7.54	<1	64	<0.5	<1	5.32	<0.5	16	33.0	44.3	88.4	9.73	24	
D71094 (609317)	<0.5	8.04	<1	191	0.5	<1	3.72	<0.5	23	19.9	37.8	111	5.66	21	
D71095 (609318)	<0.5	7.56	<1	113	<0.5	<1	5.59	<0.5	35	33.1	65.2	58.5	8.95	21	
D71096 (609319)	<0.5	7.71	<1	204	<0.5	<1	6.26	<0.5	28	35.1	58.9	62.7	10.2	23	
D71097 (609320)	<0.5	7.57	<1	46	0.6	<1	6.54	<0.5	12	34.5	51.4	73.7	11.0	23	
D71098 (609321)	<0.5	7.79	<1	47	0.6	<1	6.46	<0.5	11	36.0	56.0	77.9	10.9	24	
D71099 (609322)	<0.5	7.34	<1	137	0.8	<1	5.97	<0.5	17	33.6	52.3	69.1	10.0	22	
D71100 (609323)	<0.5	7.63	<1	203	0.8	<1	6.09	<0.5	17	29.3	59.5	70.4	8.99	22	

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## Certificate of Analysis

AGAT WORK ORDER: 19T529496

PROJECT: AGAT00813

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 09, 2019	DATE RECEIVED: Oct 10, 2019							DATE REPORTED: Oct 29, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D71101 (609324)	<0.5	8.06	<1	178	0.7	<1	5.16	<0.5	24	27.0	43.1	66.8	8.68	23	
D71102 (609325)	<0.5	7.77	<1	421	0.8	<1	2.88	<0.5	48	12.3	32.0	4.0	4.58	20	
D71103 (609326)	<0.5	7.70	1	331	0.9	<1	2.78	<0.5	59	10.8	22.8	20.5	3.85	20	
D71104 (609327)	<0.5	8.22	<1	304	0.9	<1	3.56	<0.5	35	14.2	48.6	17.1	4.77	21	
D71105 (609328)	<0.5	7.62	<1	224	0.9	<1	3.60	<0.5	26	18.0	12.8	92.9	5.93	22	
D71106 (609329)	<0.5	7.79	<1	187	0.6	<1	6.62	<0.5	21	36.5	164	108	8.05	19	
D71107 (609330)	<0.5	6.33	<1	1360	1.9	<1	8.55	<0.5	194	34.3	126	52.7	8.38	17	
D71108 (609331)	<0.5	7.80	<1	333	2.0	<1	2.37	<0.5	14	6.1	10.8	38.4	2.39	18	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 09, 2019

DATE RECEIVED: Oct 10, 2019

DATE REPORTED: Oct 29, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D71037 (609260)		<1	0.93	10	17	1.91	981	2.5	2.15	21.2	606	<20	<50	0.76	<1
D71038 (609261)		<1	0.93	10	17	1.98	1030	2.7	2.20	21.1	575	<20	<50	0.81	<1
D71039 (609262)		<1	0.51	13	9	1.09	322	2.0	3.27	24.8	399	<20	<50	0.06	<1
D71040 (609263)		<1	0.96	11	16	1.22	385	2.4	3.38	24.7	360	<20	<50	0.13	<1
D71041 (609264)		<1	0.61	5	11	2.87	1310	3.4	2.21	35.9	506	<20	<50	0.04	<1
D71042 (609265)		<1	0.66	3	18	0.82	388	15.2	3.05	10.7	224	<20	<50	0.01	<1
D71043 (609266)		<1	0.64	5	9	2.68	1150	1.9	2.37	32.4	352	<20	<50	0.03	<1
D71044 (609267)		<1	1.19	11	24	2.24	1160	2.3	2.39	43.1	640	<20	<50	0.10	<1
D71045 (609268)		<1	0.30	8	12	1.73	1670	2.3	2.03	8.7	812	<20	<50	0.14	<1
D71046 (609269)		<1	0.44	10	11	4.24	1240	2.2	2.16	101	827	<20	<50	0.10	<1
D71047 (609270)		<1	0.37	7	12	1.73	1390	2.3	1.87	10.0	648	<20	<50	0.14	<1
D71048 (609271)		<1	0.51	6	15	2.72	1550	2.4	1.91	17.1	510	<20	<50	0.19	<1
D71049 (609272)		<1	0.89	6	16	1.13	470	1.3	2.82	29.0	215	<20	<50	0.03	<1
D71050 (609273)		<1	0.82	10	17	2.42	1290	2.3	2.37	29.8	650	<20	<50	0.12	<1
D71051 (609274)		<1	1.47	57	18	7.54	1640	2.5	0.81	313	1510	<20	<50	0.15	<1
D71052 (609275)		<1	0.02	<2	1	1.28	100	<0.5	0.03	0.7	68	<20	<50	0.03	<1
D71053 (609276)		<1	0.56	11	18	3.21	1520	3.0	2.41	38.9	831	<20	<50	0.16	<1
D71054 (609277)		<1	1.22	42	19	7.09	1790	3.0	1.75	325	2010	21	<50	0.17	<1
D71055 (609278)		<1	1.31	8	34	3.09	1350	2.3	2.30	69.3	460	24	<50	0.14	<1
D71056 (609279)		<1	0.50	5	20	3.32	1450	1.7	2.13	45.0	786	<20	<50	0.17	<1
D71057 (609280)		<1	0.28	5	14	3.41	1400	1.8	1.98	41.7	584	<20	<50	0.08	<1
D71058 (609281)		<1	0.26	5	13	3.42	1400	1.9	1.93	42.9	585	<20	<50	0.08	<1
D71059 (609282)		<1	0.38	5	11	3.18	1360	2.2	1.91	36.6	605	<20	<50	0.03	<1
D71060 (609283)		<1	0.35	7	8	1.16	684	1.5	2.47	11.0	388	<20	<50	0.06	<1
D71061 (609284)		<1	0.19	5	16	3.55	1380	2.0	1.95	49.5	575	<20	<50	0.12	<1
D71062 (609285)		<1	0.19	7	13	2.67	1330	2.0	1.94	40.1	518	<20	<50	0.15	<1
D71063 (609286)		<1	0.56	4	22	2.85	1160	1.9	2.18	56.2	433	<20	<50	0.11	<1
D71064 (609287)		<1	0.99	4	28	3.62	943	2.0	2.58	110	298	<20	<50	0.04	<1
D71065 (609288)		<1	0.42	4	21	3.90	1140	1.6	2.26	97.3	351	<20	<50	0.04	<1
D71066 (609289)		<1	0.20	4	12	4.19	1270	1.5	2.11	80.1	392	<20	<50	0.14	<1
D71067 (609290)		<1	0.26	5	19	3.32	1340	1.7	2.01	53.6	481	<20	<50	0.04	<1
D71068 (609291)		<1	0.18	5	14	3.52	1280	1.7	1.88	43.5	575	<20	<50	0.11	<1

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## Certificate of Analysis

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PROJECT: AGAT00813

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 09, 2019	DATE RECEIVED: Oct 10, 2019					DATE REPORTED: Oct 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D71069 (609292)	<1	0.28	5	14	3.10	1460	2.1	1.82	47.5	533	<20	<50	0.14	<1	
D71070 (609293)	<1	0.31	5	11	2.75	1540	2.0	1.86	43.4	541	<20	<50	0.13	<1	
D71071 (609294)	<1	0.40	5	13	2.99	1390	3.3	2.08	43.8	548	<20	<50	0.11	<1	
D71072 (609295)	<1	0.02	<2	1	1.98	101	<0.5	0.03	<0.5	82	<20	<50	0.04	<1	
D71073 (609296)	<1	0.79	8	18	2.09	1080	1.6	2.57	27.9	371	<20	<50	0.12	<1	
D71074 (609297)	<1	0.53	6	15	1.80	1630	3.2	2.28	13.1	475	<20	<50	0.05	<1	
D71075 (609298)	<1	0.29	4	17	3.14	1510	2.1	2.02	40.4	457	<20	<50	0.11	<1	
D71076 (609299)	<1	0.18	7	15	0.97	610	1.6	2.99	12.7	236	<20	<50	0.05	<1	
D71077 (609300)	<1	0.27	5	25	3.16	1510	1.9	2.05	42.1	460	<20	<50	0.13	<1	
D71078 (609301)	<1	0.27	5	24	3.14	1490	2.4	2.00	42.6	462	<20	<50	0.13	<1	
D71079 (609302)	<1	0.27	4	28	3.02	1500	1.8	2.12	42.1	413	<20	<50	0.12	<1	
D71080 (609303)	<1	0.22	5	28	3.60	1430	1.9	2.03	65.3	468	<20	<50	0.09	<1	
D71081 (609304)	<1	0.36	5	17	2.82	1440	1.9	1.96	34.3	439	<20	<50	0.13	<1	
D71082 (609305)	<1	0.41	5	20	2.91	1700	2.2	1.85	25.3	553	<20	<50	0.17	<1	
D71083 (609306)	<1	0.65	12	25	1.03	466	1.2	3.07	18.3	788	<20	<50	0.03	<1	
D71084 (609307)	<1	0.26	5	23	3.41	1290	1.7	1.97	29.7	523	<20	<50	0.09	<1	
D71085 (609308)	<1	0.49	5	29	3.40	1090	2.1	2.03	32.0	423	<20	<50	0.13	<1	
D71086 (609309)	<1	0.21	4	13	4.38	1340	1.9	2.15	81.5	374	<20	<50	0.15	<1	
D71087 (609310)	<1	0.91	7	33	2.67	719	2.5	2.47	24.6	305	<20	<50	0.15	<1	
D71088 (609311)	<1	0.19	5	28	3.74	1350	1.6	1.55	58.0	384	<20	<50	0.06	<1	
D71089 (609312)	<1	0.23	7	29	3.52	1170	1.9	2.15	54.0	437	<20	<50	0.23	<1	
D71090 (609313)	<1	0.39	9	29	3.71	783	2.1	2.74	30.2	438	<20	<50	0.04	<1	
D71091 (609314)	<1	0.28	5	31	3.48	1200	1.4	2.20	34.3	467	<20	<50	0.10	<1	
D71092 (609315)	<1	0.20	<2	2	1.58	98	<0.5	0.20	0.7	63	<20	<50	0.05	<1	
D71093 (609316)	<1	0.54	6	36	3.18	1240	1.9	1.98	35.0	484	<20	<50	0.25	<1	
D71094 (609317)	<1	1.02	11	36	1.97	700	1.7	2.59	32.7	434	<20	<50	0.31	<1	
D71095 (609318)	<1	0.24	16	21	2.91	1330	1.9	2.04	51.2	576	<20	<50	0.15	<1	
D71096 (609319)	<1	0.27	12	19	3.00	1450	1.9	2.01	44.9	587	<20	<50	0.14	<1	
D71097 (609320)	<1	0.30	5	20	2.94	1530	2.1	1.97	35.7	450	<20	<50	0.15	<1	
D71098 (609321)	<1	0.32	4	20	3.02	1560	2.0	1.98	37.5	464	<20	<50	0.15	<1	
D71099 (609322)	<1	0.56	7	23	2.79	1390	2.0	2.14	41.0	454	<20	<50	0.16	<1	
D71100 (609323)	<1	0.93	7	23	2.58	1380	3.6	2.06	34.1	519	<20	<50	0.16	<1	

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AGAT WORK ORDER: 19T529496

PROJECT: AGAT00813

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 09, 2019	DATE RECEIVED: Oct 10, 2019					DATE REPORTED: Oct 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D71101 (609324)	<1	0.93	10	24	2.40	1290	2.1	2.43	28.8	505	<20	<50	0.13	<1	
D71102 (609325)	<1	1.40	27	37	1.12	567	1.8	2.63	13.1	609	<20	<50	0.03	<1	
D71103 (609326)	<1	1.17	34	30	0.91	478	1.6	2.78	12.4	413	<20	<50	0.05	<1	
D71104 (609327)	<1	1.15	19	33	1.28	664	1.5	2.87	23.5	303	<20	<50	0.04	<1	
D71105 (609328)	<1	0.90	13	24	1.21	859	5.7	2.67	18.8	417	<20	<50	0.18	<1	
D71106 (609329)	<1	0.47	10	11	4.46	1300	2.4	2.31	103	863	<20	<50	0.09	<1	
D71107 (609330)	<1	3.26	94	33	4.15	1460	2.8	1.73	56.2	4060	<20	<50	0.14	<1	
D71108 (609331)	<1	1.46	7	16	0.51	293	12.8	3.16	6.2	225	<20	<50	0.08	<1	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 09, 2019	DATE RECEIVED: Oct 10, 2019					DATE REPORTED: Oct 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D71037 (609260)	34	<10	<5	128	<10	<10	<5	0.75	<5	<50	266	1	36	81.8	
D71038 (609261)	34	<10	<5	132	<10	<10	<5	0.78	<5	<50	267	3	36	85.6	
D71039 (609262)	9	<10	<5	245	<10	<10	<5	0.26	<5	<50	68.3	<1	9	44.3	
D71040 (609263)	8	<10	<5	261	<10	<10	<5	0.22	<5	<50	58.4	<1	6	40.6	
D71041 (609264)	40	<10	<5	126	<10	<10	<5	0.89	<5	<50	353	2	32	75.2	
D71042 (609265)	12	<10	<5	170	<10	<10	<5	0.29	<5	<50	95.2	<1	7	39.3	
D71043 (609266)	37	<10	<5	146	<10	<10	<5	0.87	<5	<50	330	1	29	65.1	
D71044 (609267)	31	<10	<5	316	<10	<10	<5	0.74	<5	<50	261	2	28	78.8	
D71045 (609268)	36	<10	<5	119	<10	<10	<5	1.02	<5	<50	213	1	57	84.0	
D71046 (609269)	35	<10	<5	244	<10	<10	<5	0.84	<5	<50	247	3	22	88.7	
D71047 (609270)	31	<10	<5	96	<10	<10	<5	0.86	<5	<50	215	4	47	98.5	
D71048 (609271)	45	<10	<5	91	<10	<10	<5	1.18	<5	<50	482	2	38	123	
D71049 (609272)	12	<10	<5	173	<10	<10	<5	0.28	<5	<50	102	1	14	55.4	
D71050 (609273)	34	<10	<5	116	<10	<10	<5	0.85	<5	<50	275	1	40	113	
D71051 (609274)	23	<10	<5	873	<10	<10	<5	1.32	<5	<50	235	3	27	92.0	
D71052 (609275)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	3.7	
D71053 (609276)	39	<10	<5	175	<10	<10	<5	0.99	<5	<50	342	2	46	123	
D71054 (609277)	30	<10	<5	667	<10	<10	<5	1.81	<5	<50	366	3	35	126	
D71055 (609278)	36	<10	<5	210	<10	<10	<5	0.67	<5	<50	319	4	26	213	
D71056 (609279)	39	<10	<5	114	<10	<10	<5	0.79	<5	<50	278	4	36	119	
D71057 (609280)	42	<10	<5	110	<10	<10	<5	0.91	<5	<50	296	2	38	87.9	
D71058 (609281)	43	<10	<5	106	<10	<10	<5	0.96	<5	<50	305	1	38	90.9	
D71059 (609282)	43	<10	<5	110	<10	<10	<5	0.98	<5	<50	310	1	39	93.9	
D71060 (609283)	18	<10	<5	189	<10	<10	<5	0.50	<5	<50	131	<1	20	55.7	
D71061 (609284)	40	<10	<5	109	<10	<10	<5	0.92	<5	<50	288	2	35	115	
D71062 (609285)	35	<10	<5	154	<10	<10	<5	0.83	<5	<50	262	2	31	123	
D71063 (609286)	37	<10	<5	108	<10	<10	<5	0.84	<5	<50	381	2	27	105	
D71064 (609287)	19	<10	<5	163	<10	<10	<5	0.44	<5	<50	138	2	17	76.5	
D71065 (609288)	26	<10	<5	135	<10	<10	<5	0.60	<5	<50	187	1	23	84.9	
D71066 (609289)	45	<10	<5	109	<10	<10	<5	0.65	<5	<50	309	2	22	74.2	
D71067 (609290)	38	<10	<5	119	<10	<10	<5	0.86	<5	<50	268	<1	32	97.4	
D71068 (609291)	41	<10	<5	107	<10	<10	<5	0.95	<5	<50	292	<1	37	88.4	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T529496

PROJECT: AGAT00813

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 09, 2019	DATE RECEIVED: Oct 10, 2019					DATE REPORTED: Oct 29, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D71069 (609292)	39	<10	<5	116	<10	<10	<5	0.91	<5	<50	281	2	34	112	
D71070 (609293)	38	<10	<5	142	<10	<10	<5	0.87	<5	<50	269	3	33	106	
D71071 (609294)	39	<10	<5	157	<10	<10	<5	0.90	<5	<50	310	<1	34	111	
D71072 (609295)	<1	<10	<5	77	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	4.2	
D71073 (609296)	27	<10	<5	264	<10	<10	<5	0.65	<5	<50	211	1	20	80.7	
D71074 (609297)	40	<10	<5	153	<10	<10	<5	0.89	<5	<50	123	2	30	122	
D71075 (609298)	41	<10	<5	101	<10	<10	<5	1.02	<5	<50	372	2	32	119	
D71076 (609299)	11	<10	<5	298	<10	<10	<5	0.34	<5	<50	102	<1	11	54.7	
D71077 (609300)	40	<10	<5	104	<10	<10	<5	0.99	<5	<50	352	2	33	123	
D71078 (609301)	39	<10	<5	102	<10	<10	<5	0.97	<5	<50	353	2	33	122	
D71079 (609302)	40	<10	<5	111	<10	<10	<5	0.99	<5	<50	363	2	32	124	
D71080 (609303)	35	<10	<5	127	<10	<10	<5	0.90	<5	<50	319	<1	28	122	
D71081 (609304)	42	<10	<5	109	<10	<10	<5	1.00	<5	<50	365	<1	31	91.1	
D71082 (609305)	46	<10	<5	101	<10	<10	<5	1.24	<5	<50	433	3	38	105	
D71083 (609306)	11	<10	<5	429	<10	<10	<5	0.37	<5	<50	106	<1	11	51.9	
D71084 (609307)	44	<10	<5	124	<10	<10	<5	1.15	<5	<50	406	1	36	84.6	
D71085 (609308)	37	<10	<5	142	<10	<10	<5	0.93	<5	<50	339	<1	28	75.2	
D71086 (609309)	46	<10	<5	111	<10	<10	<5	0.68	<5	<50	318	1	22	78.7	
D71087 (609310)	23	<10	<5	159	<10	<10	<5	0.60	<5	<50	205	<1	18	72.9	
D71088 (609311)	40	<10	<5	100	<10	<10	<5	0.86	<5	<50	333	<1	27	87.8	
D71089 (609312)	35	<10	<5	157	<10	<10	<5	0.81	<5	<50	296	<1	25	88.2	
D71090 (609313)	26	<10	<5	137	<10	<10	<5	0.70	<5	<50	220	<1	21	68.8	
D71091 (609314)	42	<10	<5	142	<10	<10	<5	1.10	<5	<50	380	3	33	107	
D71092 (609315)	<1	<10	<5	73	<10	<10	<5	<0.01	<5	<50	1.6	<1	3	3.1	
D71093 (609316)	39	<10	<5	151	<10	<10	<5	0.97	<5	<50	356	1	30	105	
D71094 (609317)	19	<10	<5	193	<10	<10	<5	0.52	<5	<50	160	1	14	142	
D71095 (609318)	35	<10	<5	215	<10	<10	<5	0.85	<5	<50	315	2	29	107	
D71096 (609319)	39	<10	<5	278	<10	<10	<5	0.98	<5	<50	356	1	31	115	
D71097 (609320)	42	<10	<5	171	<10	<10	<5	1.07	<5	<50	387	2	34	120	
D71098 (609321)	43	<10	<5	170	<10	<10	<5	1.06	<5	<50	394	<1	35	118	
D71099 (609322)	38	<10	<5	180	<10	<10	<5	0.94	<5	<50	344	<1	32	116	
D71100 (609323)	34	<10	<5	219	<10	<10	<5	0.85	<5	<50	302	2	29	118	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 09, 2019		DATE RECEIVED: Oct 10, 2019					DATE REPORTED: Oct 29, 2019					SAMPLE TYPE: Drill Core			
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D71101 (609324)	34	<10	<5	212	<10	<10	<5	0.86	<5	<50	291	2	28	108	
D71102 (609325)	14	<10	<5	235	<10	<10	8	0.48	<5	<50	82.1	<1	13	73.2	
D71103 (609326)	13	<10	<5	247	<10	<10	16	0.37	<5	<50	77.0	<1	11	61.7	
D71104 (609327)	17	<10	<5	241	<10	<10	<5	0.47	<5	<50	145	<1	13	75.3	
D71105 (609328)	22	<10	<5	245	<10	<10	<5	0.58	<5	<50	201	<1	22	85.2	
D71106 (609329)	35	<10	<5	260	<10	<10	<5	0.88	<5	<50	249	1	23	90.0	
D71107 (609330)	17	<10	<5	1360	<10	<10	<5	0.61	<5	<50	192	1	33	91.0	
D71108 (609331)	5	<10	<5	297	<10	<10	<5	0.21	<5	<50	56.2	<1	7	40.1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 09, 2019      DATE RECEIVED: Oct 10, 2019      DATE REPORTED: Oct 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Zr
	Unit:	ppm
	RDL:	5
D71037 (609260)		88
D71038 (609261)		89
D71039 (609262)		103
D71040 (609263)		79
D71041 (609264)		29
D71042 (609265)		34
D71043 (609266)		37
D71044 (609267)		65
D71045 (609268)		47
D71046 (609269)		89
D71047 (609270)		77
D71048 (609271)		74
D71049 (609272)		68
D71050 (609273)		88
D71051 (609274)		59
D71052 (609275)		<5
D71053 (609276)		51
D71054 (609277)		190
D71055 (609278)		37
D71056 (609279)		29
D71057 (609280)		38
D71058 (609281)		32
D71059 (609282)		28
D71060 (609283)		66
D71061 (609284)		18
D71062 (609285)		23
D71063 (609286)		42
D71064 (609287)		54
D71065 (609288)		28
D71066 (609289)		50
D71067 (609290)		17
D71068 (609291)		19

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 09, 2019      DATE RECEIVED: Oct 10, 2019      DATE REPORTED: Oct 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D71069 (609292)				24
D71070 (609293)				24
D71071 (609294)				31
D71072 (609295)				<5
D71073 (609296)				53
D71074 (609297)				26
D71075 (609298)				34
D71076 (609299)				25
D71077 (609300)				30
D71078 (609301)				33
D71079 (609302)				37
D71080 (609303)				25
D71081 (609304)				18
D71082 (609305)				22
D71083 (609306)				54
D71084 (609307)				22
D71085 (609308)				37
D71086 (609309)				52
D71087 (609310)				69
D71088 (609311)				16
D71089 (609312)				32
D71090 (609313)				76
D71091 (609314)				35
D71092 (609315)				<5
D71093 (609316)				38
D71094 (609317)				80
D71095 (609318)				42
D71096 (609319)				39
D71097 (609320)				15
D71098 (609321)				16
D71099 (609322)				38
D71100 (609323)				47

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 09, 2019

DATE RECEIVED: Oct 10, 2019

DATE REPORTED: Oct 29, 2019

SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D71101 (609324)	65
D71102 (609325)	65
D71103 (609326)	95
D71104 (609327)	58
D71105 (609328)	82
D71106 (609329)	91
D71107 (609330)	130
D71108 (609331)	51

Comments: RDL - Reported Detection Limit

609260-609331 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:





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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 09, 2019      DATE RECEIVED: Oct 10, 2019      DATE REPORTED: Oct 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D71037 (609260)		0.003	
D71038 (609261)		0.003	
D71039 (609262)		0.001	
D71040 (609263)		0.003	
D71041 (609264)		<0.001	
D71042 (609265)		<0.001	
D71043 (609266)		0.002	
D71044 (609267)		0.019	
D71045 (609268)		0.003	
D71046 (609269)		0.325	
D71047 (609270)		0.002	
D71048 (609271)		0.002	
D71049 (609272)		0.001	
D71050 (609273)		0.001	
D71051 (609274)		0.002	
D71052 (609275)		<0.001	
D71053 (609276)		0.002	
D71054 (609277)		0.008	
D71055 (609278)		0.002	
D71056 (609279)		0.001	
D71057 (609280)		0.001	
D71058 (609281)		0.002	
D71059 (609282)		0.002	
D71060 (609283)		<0.001	
D71061 (609284)		0.002	
D71062 (609285)		0.001	
D71063 (609286)		0.001	
D71064 (609287)		0.001	
D71065 (609288)		0.001	
D71066 (609289)		0.537	
D71067 (609290)		0.003	
D71068 (609291)		0.009	

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PROJECT: AGAT00813

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 09, 2019      DATE RECEIVED: Oct 10, 2019      DATE REPORTED: Oct 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D71069 (609292)		0.002	
D71070 (609293)		0.001	
D71071 (609294)		0.002	
D71072 (609295)		0.002	
D71073 (609296)		0.005	
D71074 (609297)		0.002	
D71075 (609298)		<0.001	
D71076 (609299)		0.001	
D71077 (609300)		0.005	
D71078 (609301)		0.001	
D71079 (609302)		<0.001	
D71080 (609303)		<0.001	
D71081 (609304)		0.001	
D71082 (609305)		0.001	
D71083 (609306)		<0.001	
D71084 (609307)		0.001	
D71085 (609308)		<0.001	
D71086 (609309)		0.516	
D71087 (609310)		0.002	
D71088 (609311)		0.001	
D71089 (609312)		0.001	
D71090 (609313)		0.001	
D71091 (609314)		0.001	
D71092 (609315)		0.003	
D71093 (609316)		0.001	
D71094 (609317)		0.001	
D71095 (609318)		0.002	
D71096 (609319)		0.001	
D71097 (609320)		0.003	
D71098 (609321)		0.001	
D71099 (609322)		<0.001	
D71100 (609323)		<0.001	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 09, 2019      DATE RECEIVED: Oct 10, 2019      DATE REPORTED: Oct 29, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au	ppm	0.001	
D71101 (609324)				<0.001
D71102 (609325)				<0.001
D71103 (609326)				0.001
D71104 (609327)				<0.001
D71105 (609328)				<0.001
D71106 (609329)				0.330
D71107 (609330)				0.001
D71108 (609331)				0.001

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



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PROJECT: AGAT00813

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Crushing)

DATE SAMPLED: Oct 09, 2019

DATE RECEIVED: Oct 10, 2019

DATE REPORTED: Oct 29, 2019


SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D71037 (609260)		82.02
D71056 (609279)		80.47
D71076 (609299)		87.16
D71096 (609319)		87.74

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





# Certificate of Analysis

AGAT WORK ORDER: 19T529496

PROJECT: AGAT00813

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Oct 09, 2019

DATE RECEIVED: Oct 10, 2019

DATE REPORTED: Oct 29, 2019

SAMPLE TYPE: Drill Core

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL: 0.01
D71037 (609260)	87.15

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	609260	< 0.5	< 0.5	0.0%	609274	< 0.5	< 0.5	0.0%	609285	< 0.5	< 0.5	0.0%	609299	< 0.5	< 0.5	0.0%
Al	609260	7.13	7.27	1.9%	609274	3.66	3.62	1.1%	609285	7.45	7.29	2.2%	609299	7.67	7.64	0.4%
As	609260	< 1	< 1	0.0%	609274	< 1	< 1	0.0%	609285	< 1	< 1	0.0%	609299	< 1	< 1	0.0%
Ba	609260	110	109	0.9%	609274	654	643	1.7%	609285	77	81	5.1%	609299	191	181	5.4%
Be	609260	0.7	0.7	0.0%	609274	1.9	1.9	0.0%	609285	< 0.5	< 0.5	0.0%	609299	0.6	0.6	0.0%
Bi	609260	< 1	< 1	0.0%	609274	< 1	< 1	0.0%	609285	< 1	< 1	0.0%	609299	< 1	< 1	0.0%
Ca	609260	4.24	4.35	2.6%	609274	9.76	9.65	1.1%	609285	5.95	6.04	1.5%	609299	3.27	3.13	4.4%
Cd	609260	< 0.5	< 0.5	0.0%	609274	< 0.5	< 0.5	0.0%	609285	< 0.5	< 0.5	0.0%	609299	< 0.5	< 0.5	0.0%
Ce	609260	24	23	4.3%	609274	118	115	2.6%	609285	17	17	0.0%	609299	16	16	0.0%
Co	609260	22.1	21.9	0.9%	609274	50.1	48.9	2.4%	609285	30.2	30.7	1.6%	609299	11.8	12.3	4.1%
Cr	609260	10.2	11.3	10.2%	609274	424	471	10.5%	609285	64.0	71.4	10.9%	609299	15.6	15.8	1.3%
Cu	609260	231	240	3.8%	609274	105	104	1.0%	609285	130	129	0.8%	609299	32.0	30.2	5.8%
Fe	609260	8.64	8.95	3.5%	609274	8.71	8.67	0.5%	609285	8.84	9.39	6.0%	609299	3.80	3.73	1.9%
Ga	609260	25	25	0.0%	609274	14	14	0.0%	609285	22	22	0.0%	609299	18	19	5.4%
In	609260	< 1	< 1	0.0%	609274	< 1	< 1	0.0%	609285	< 1	< 1	0.0%	609299	< 1	< 1	0.0%
K	609260	0.93	0.92	1.1%	609274	1.47	1.45	1.4%	609285	0.19	0.19	0.0%	609299	0.18	0.18	0.0%
La	609260	10	9	10.5%	609274	57	56	1.8%	609285	7	7	0.0%	609299	7	7	0.0%
Li	609260	17	17	0.0%	609274	18	18	0.0%	609285	13	12	8.0%	609299	15	14	6.9%
Mg	609260	1.91	1.95	2.1%	609274	7.54	7.41	1.7%	609285	2.67	2.74	2.6%	609299	0.97	0.96	1.0%
Mn	609260	981	1010	2.9%	609274	1640	1610	1.8%	609285	1330	1370	3.0%	609299	610	604	1.0%
Mo	609260	2.52	2.80	10.5%	609274	2.54	2.44	4.0%	609285	2.0	2.4	18.2%	609299	1.6	1.3	20.7%
Na	609260	2.15	2.18	1.4%	609274	0.815	0.829	1.7%	609285	1.94	1.92	1.0%	609299	2.99	2.89	3.4%
Ni	609260	21.2	20.7	2.4%	609274	313	303	3.2%	609285	40.1	40.4	0.7%	609299	12.7	12.6	0.8%
P	609260	606	600	1.0%	609274	1510	1380	9.0%	609285	518	526	1.5%	609299	236	236	0.0%
Pb	609260	< 20	< 20	0.0%	609274	< 20	< 20	0.0%	609285	< 20	< 20	0.0%	609299	< 20	< 20	0.0%
Rb	609260	< 50	< 50	0.0%	609274	< 50	< 50	0.0%	609285	< 50	< 50	0.0%	609299	< 50	< 50	0.0%
S	609260	0.76	0.83	8.8%	609274	0.148	0.143	3.4%	609285	0.147	0.143	2.8%	609299	0.05	0.05	0.0%
Sb	609260	< 1	< 1	0.0%	609274	< 1	< 1	0.0%	609285	< 1	< 1	0.0%	609299	< 1	< 1	0.0%
Sc	609260	34	34	0.0%	609274	23	23	0.0%	609285	35	37	5.6%	609299	11	11	0.0%
Se	609260	< 10	< 10	0.0%	609274	< 10	< 10	0.0%	609285	< 10	< 10	0.0%	609299	< 10	< 10	0.0%
Sn	609260	< 5	< 5	0.0%	609274	< 5	< 5	0.0%	609285	< 5	< 5	0.0%	609299	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	609260	128	130	1.6%	609274	873	869	0.5%	609285	154	150	2.6%	609299	298	288	3.4%
Ta	609260	< 10	< 10	0.0%	609274	< 10	< 10	0.0%	609285	< 10	< 10	0.0%	609299	< 10	< 10	0.0%
Te	609260	< 10	< 10	0.0%	609274	< 10	< 10	0.0%	609285	< 10	< 10	0.0%	609299	< 10	< 10	0.0%
Th	609260	< 5	< 5	0.0%	609274	< 5	< 5	0.0%	609285	< 5	< 5	0.0%	609299	< 5	< 5	0.0%
Ti	609260	0.752	0.771	2.5%	609274	1.32	1.27	3.9%	609285	0.83	0.89	7.0%	609299	0.339	0.321	5.5%
Tl	609260	< 5	< 5	0.0%	609274	< 5	5		609285	< 5	< 5	0.0%	609299	< 5	< 5	0.0%
U	609260	< 50	< 50	0.0%	609274	< 50	< 50	0.0%	609285	< 50	< 50	0.0%	609299	< 50	< 50	0.0%
V	609260	266	265	0.4%	609274	235	230	2.2%	609285	262	279	6.3%	609299	102	102	0.0%
W	609260	1	< 1		609274	3	1		609285	2	1		609299	< 1	< 1	0.0%
Y	609260	36	36	0.0%	609274	27	27	0.0%	609285	31	33	6.3%	609299	11	11	0.0%
Zn	609260	81.8	81.4	0.5%	609274	92.0	92.5	0.5%	609285	123	130	5.5%	609299	54.7	51.4	6.2%
Zr	609260	88	90	2.2%	609274	59	48	20.6%	609285	23	23	0.0%	609299	25	23	8.3%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	609310	< 0.5	< 0.5	0.0%	609324	< 0.5	< 0.5	0.0%								
Al	609310	8.01	7.88	1.6%	609324	8.06	8.05	0.1%								
As	609310	< 1	< 1	0.0%	609324	< 1	< 1	0.0%								
Ba	609310	147	144	2.1%	609324	178	177	0.6%								
Be	609310	0.68	0.65	4.5%	609324	0.70	0.75	6.9%								
Bi	609310	< 1	< 1	0.0%	609324	< 1	< 1	0.0%								
Ca	609310	3.40	3.36	1.2%	609324	5.16	5.15	0.2%								
Cd	609310	< 0.5	< 0.5	0.0%	609324	< 0.5	< 0.5	0.0%								
Ce	609310	15	15	0.0%	609324	24	25	4.1%								
Co	609310	21.3	21.0	1.4%	609324	27.0	27.4	1.5%								
Cr	609310	35.0	29.5	17.1%	609324	43.1	50.0	14.8%								
Cu	609310	56.4	54.7	3.1%	609324	66.8	65.5	2.0%								
Fe	609310	6.24	6.13	1.8%	609324	8.68	8.63	0.6%								
Ga	609310	22	21	4.7%	609324	23	23	0.0%								
In	609310	< 1	< 1	0.0%	609324	< 1	< 1	0.0%								
K	609310	0.91	0.90	1.1%	609324	0.93	0.93	0.0%								
La	609310	7	7	0.0%	609324	10	11	9.5%								
Li	609310	33	33	0.0%	609324	24	24	0.0%								
Mg	609310	2.67	2.64	1.1%	609324	2.40	2.42	0.8%								
Mn	609310	719	712	1.0%	609324	1290	1300	0.8%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	609310	2.53	2.88	12.9%	609324	2.13	1.94	9.3%								
Na	609310	2.47	2.42	2.0%	609324	2.43	2.39	1.7%								
Ni	609310	24.6	24.3	1.2%	609324	28.8	29.3	1.7%								
P	609310	305	322	5.4%	609324	505	494	2.2%								
Pb	609310	< 20	< 20	0.0%	609324	< 20	< 20	0.0%								
Rb	609310	< 50	< 50	0.0%	609324	< 50	< 50	0.0%								
S	609310	0.151	0.143	5.4%	609324	0.13	0.13	0.0%								
Sb	609310	< 1	< 1	0.0%	609324	< 1	< 1	0.0%								
Sc	609310	23	24	4.3%	609324	34	34	0.0%								
Se	609310	< 10	< 10	0.0%	609324	< 10	< 10	0.0%								
Sn	609310	< 5	< 5	0.0%	609324	< 5	< 5	0.0%								
Sr	609310	159	157	1.3%	609324	212	209	1.4%								
Ta	609310	< 10	< 10	0.0%	609324	< 10	< 10	0.0%								
Te	609310	< 10	< 10	0.0%	609324	< 10	< 10	0.0%								
Th	609310	< 5	< 5	0.0%	609324	< 5	< 5	0.0%								
Ti	609310	0.60	0.60	0.0%	609324	0.86	0.85	1.2%								
Tl	609310	< 5	< 5	0.0%	609324	< 5	< 5	0.0%								
U	609310	< 50	< 50	0.0%	609324	< 50	< 50	0.0%								
V	609310	205	206	0.5%	609324	291	292	0.3%								
W	609310	< 1	< 1	0.0%	609324	2	1									
Y	609310	18	18	0.0%	609324	28	28	0.0%								
Zn	609310	72.9	70.7	3.1%	609324	108	110	1.8%								
Zr	609310	69	63	9.1%	609324	65	78	18.2%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	609260	0.0029	0.0022	27.5%	609274	0.002	0.002	0.0%	609285	0.001	0.001	0.0%	609299	0.001	< 0.001	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	609310	0.002	0.001		609324	< 0.001	< 0.001	0.0%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	11.07	101%	90% - 110%	8.17	8.59	105%	90% - 110%	6.96	7.14	103%	90% - 110%	4.75	4.91	103%	90% - 110%
As					26	24	92%	90% - 110%	124	124	100%	90% - 110%				
Ba	340	309	91%	90% - 110%	540	493	91%	90% - 110%	186	179	96%	90% - 110%	216	198	92%	90% - 110%
Be	2.6	2.7	103%	90% - 110%	4.0	3.2	80%	90% - 110%								
Ca	5.72	5.53	97%	90% - 110%	0.907	0.919	101%	90% - 110%	4.01	3.94	98%	90% - 110%	10	9	90%	90% - 110%
Ce	122	117	96%	90% - 110%	98	101	103%	90% - 110%	24	22	93%	90% - 110%				
Co									22.1	20.5	93%	90% - 110%	191	168	88%	90% - 110%
Cr					60.3	60.3	100%	90% - 110%					670	501	75%	90% - 110%
Cu					150	150	100%	90% - 110%	88.6	83.6	94%	90% - 110%	7120	7106	100%	90% - 110%
Fe	4.34	4.05	93%	90% - 110%	3.77	3.77	100%	90% - 110%	7.56	7.4	98%	90% - 110%	12.71	11.54	91%	90% - 110%
Ga	35	34	97%	90% - 110%												
K	1.37	1.49	109%	90% - 110%					2.021	2.169	107%	90% - 110%	0.1021	0.1131	111%	90% - 110%
La	58	53	91%	90% - 110%	44	42	96%	90% - 110%					8.47	8.67	102%	90% - 110%
Li	37	39	106%	90% - 110%	47	49	103%	90% - 110%								
Mg	0.325	0.293	90%	90% - 110%	1.10	1.09	99%	90% - 110%	2.412	2.453	102%	90% - 110%	7.41	7.32	99%	90% - 110%
Mn					780	744	95%	90% - 110%	1510	1403	93%	90% - 110%				
Mo					14	13	95%	90% - 110%								
Na	5.267	5.118	97%	90% - 110%	1.624	1.573	97%	90% - 110%	0.617	0.605	98%	90% - 110%	0.112	0.114	102%	90% - 110%
Ni					32	30	95%	90% - 110%	77.1	69.2	90%	90% - 110%	2480	2035	82%	90% - 110%
P					750	695	93%	90% - 110%	892	843	94%	90% - 110%	731	642	88%	90% - 110%
Pb					31	27	89%	90% - 110%								
S									0.348	0.338	97%	90% - 110%				
Sc	1.1	1	94%	90% - 110%	12	13	106%	90% - 110%					21.33	21.35	100%	90% - 110%
Sr	1191	1159	97%	90% - 110%	144	150	104%	90% - 110%	92.8	88.8	96%	90% - 110%	39	37	96%	90% - 110%
Ti	0.172	0.166	96%	90% - 110%	0.53	0.49	92%	90% - 110%					0.419	0.395	94%	90% - 110%
V	8	7	90%	90% - 110%	77	81	105%	90% - 110%					158	165	104%	90% - 110%
W					5	5	99%	90% - 110%								
Y	119	123	103%	90% - 110%									12.67	13.04	103%	90% - 110%
Zn	93	88	94%	90% - 110%	130	118	91%	90% - 110%	208	210	101%	90% - 110%	112	108	96%	90% - 110%
Zr													35.7	36.9	103%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.1P5R)				CRM #3 (ref.GS14A)				CRM #4 (ref.GS4H)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	7.28	106%	90% - 110%	1.81	1.84	102%	90% - 110%	14.9	14.1	94%	90% - 110%	5.01	5.32	106%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00813  
 SAMPLING SITE:

AGAT WORK ORDER: 19T529496  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE



CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00815

AGAT WORK ORDER: 19T530069

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Oct 28, 2019

PAGES (INCLUDING COVER): 22

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T530069

PROJECT: AGAT00815

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Oct 10, 2019      DATE RECEIVED: Oct 11, 2019      DATE REPORTED: Oct 28, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D71109 (612677)		1.64
D71110 (612678)		1.79
D71111 (612679)		2.21
D71112 (612680)		0.67
D71113 (612681)		1.49
D71114 (612682)		2.24
D71115 (612683)		2.21
D71116 (612684)		2.22
D71117 (612685)		2.19
D71118 (612686)		2.19
D71119 (612687)		2.18
D71120 (612688)		2.14
D71121 (612689)		2.12
D71122 (612690)		2.20
D71123 (612691)		2.19
D71124 (612692)		2.13
D71125 (612693)		2.17
D71126 (612694)		0.07
D71127 (612695)		1.99
D71128 (612696)		2.08
D71129 (612697)		2.12
D71130 (612698)		1.91
D71131 (612699)		2.14
D71132 (612700)		0.66
D71133 (612701)		2.12
D71134 (612702)		1.91
D71135 (612703)		1.94
D71136 (612704)		2.12
D71137 (612705)		2.10
D71138 (612706)		2.10
D71139 (612707)		2.01

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T530069

PROJECT: AGAT00815

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Oct 10, 2019

DATE RECEIVED: Oct 11, 2019

DATE REPORTED: Oct 28, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D71140 (612708)		2.23
D71141 (612709)		2.29
D71142 (612710)		2.32
D71143 (612711)		2.15
D71144 (612712)		2.23
D71145 (612713)		2.10
D71146 (612714)		0.07
D71147 (612715)		2.11
D71148 (612716)		2.16
D71149 (612717)		2.02
D71150 (612718)		2.08
D71151 (612719)		1.73
D71152 (612720)		0.57
D71153 (612721)		2.18
D71154 (612722)		2.32
D71155 (612723)		1.70
D71156 (612724)		2.09
D71157 (612725)		2.14
D71158 (612726)		2.14
D71159 (612727)		2.16
D71160 (612728)		2.09
D71161 (612729)		2.18
D71162 (612730)		2.13
D71163 (612731)		1.79
D71164 (612732)		1.56
D71165 (612733)		1.42
D71166 (612734)		0.07
D71167 (612735)		1.99
D71168 (612736)		2.16
D71169 (612737)		2.02

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T530069

PROJECT: AGAT00815

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(200-) Sample Login Weight

DATE SAMPLED: Oct 10, 2019

DATE RECEIVED: Oct 11, 2019

DATE REPORTED: Oct 28, 2019

SAMPLE TYPE: Drill Core

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T530069

PROJECT: AGAT00815

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 10, 2019	DATE RECEIVED: Oct 11, 2019							DATE REPORTED: Oct 28, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D71109 (612677)	<0.5	7.52	<1	406	1.2	<1	3.54	<0.5	36	18.4	64.4	58.1	4.91	22	
D71110 (612678)	<0.5	7.11	<1	163	0.8	<1	4.48	<0.5	27	21.3	45.0	48.8	7.85	25	
D71111 (612679)	<0.5	8.25	<1	296	1.7	<1	3.77	<0.5	21	15.5	37.8	28.2	4.36	23	
D71112 (612680)	<0.5	0.06	<1	32	<0.5	<1	33.3	<0.5	<1	<0.5	4.2	<0.5	0.09	<5	
D71113 (612681)	<0.5	9.13	<1	213	1.2	<1	4.04	<0.5	16	12.7	47.6	7.5	3.38	23	
D71114 (612682)	<0.5	7.78	<1	243	0.8	<1	4.26	<0.5	18	25.1	44.3	67.4	6.00	22	
D71115 (612683)	<0.5	9.06	<1	261	1.0	<1	4.51	<0.5	22	18.7	40.5	39.1	4.33	23	
D71116 (612684)	<0.5	8.15	<1	203	1.1	<1	4.61	<0.5	13	22.0	47.9	48.7	5.39	22	
D71117 (612685)	<0.5	8.29	<1	209	0.8	<1	3.28	<0.5	21	10.3	26.0	30.4	2.96	20	
D71118 (612686)	<0.5	8.29	<1	207	0.8	<1	3.29	<0.5	20	10.6	27.2	32.4	3.05	21	
D71119 (612687)	<0.5	8.30	<1	225	2.9	<1	2.86	<0.5	17	7.5	21.2	4.6	2.46	22	
D71120 (612688)	<0.5	8.14	<1	333	1.0	<1	2.64	<0.5	22	6.5	26.5	20.0	2.26	21	
D71121 (612689)	<0.5	7.85	2	354	1.0	<1	2.70	<0.5	35	8.6	28.6	3.4	2.74	21	
D71122 (612690)	<0.5	8.03	<1	280	0.8	<1	2.80	<0.5	42	7.7	27.3	9.8	2.66	21	
D71123 (612691)	<0.5	7.64	<1	557	0.9	<1	1.87	<0.5	20	2.1	16.0	7.8	1.38	19	
D71124 (612692)	<0.5	8.15	<1	311	1.0	<1	2.20	<0.5	28	4.0	16.8	13.4	1.76	21	
D71125 (612693)	<0.5	7.53	2	425	0.9	<1	1.91	<0.5	24	3.2	21.5	11.6	1.52	19	
D71126 (612694)	<0.5	7.23	<1	147	0.5	<1	7.25	<0.5	10	43.6	208	154	8.55	19	
D71127 (612695)	<0.5	7.69	1	664	2.2	<1	1.94	<0.5	33	4.3	38.2	8.4	1.82	20	
D71128 (612696)	<0.5	7.83	<1	528	1.4	<1	1.79	<0.5	22	2.0	19.8	11.0	1.30	20	
D71129 (612697)	<0.5	7.78	<1	714	1.1	<1	1.85	<0.5	21	3.0	28.2	7.4	1.30	19	
D71130 (612698)	<0.5	7.94	<1	484	1.1	<1	1.97	<0.5	22	3.6	32.9	6.3	1.58	21	
D71131 (612699)	<0.5	7.95	<1	456	1.0	<1	1.87	<0.5	21	2.9	25.7	6.7	1.40	20	
D71132 (612700)	<0.5	0.07	<1	47	<0.5	<1	33.1	<0.5	<1	<0.5	3.8	<0.5	0.10	<5	
D71133 (612701)	<0.5	7.57	1	731	1.0	<1	1.77	<0.5	29	2.4	26.2	2.7	1.30	19	
D71134 (612702)	<0.5	7.85	1	553	1.0	<1	1.98	<0.5	29	2.7	21.1	6.0	1.49	19	
D71135 (612703)	<0.5	7.62	2	661	1.2	<1	1.74	<0.5	21	1.7	20.2	12.5	1.25	19	
D71136 (612704)	<0.5	7.53	2	736	1.1	<1	1.51	<0.5	15	1.0	20.6	5.9	1.15	19	
D71137 (612705)	<0.5	7.49	1	806	0.9	<1	1.47	<0.5	15	0.9	17.9	6.2	1.09	18	
D71138 (612706)	<0.5	7.64	<1	821	0.9	<1	1.50	<0.5	14	1.1	18.5	5.9	1.15	18	
D71139 (612707)	<0.5	7.71	2	580	1.1	<1	1.60	<0.5	20	1.5	20.9	3.7	1.23	20	
D71140 (612708)	<0.5	8.07	<1	458	1.6	<1	2.09	<0.5	27	3.3	20.1	9.8	1.84	21	

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# Certificate of Analysis

AGAT WORK ORDER: 19T530069

PROJECT: AGAT00815

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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 10, 2019	DATE RECEIVED: Oct 11, 2019					DATE REPORTED: Oct 28, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D71141 (612709)	<0.5	7.74	3	844	1.1	<1	1.63	<0.5	19	1.4	20.6	3.9	1.23	20	
D71142 (612710)	<0.5	7.54	<1	830	1.0	<1	1.67	<0.5	20	2.1	18.0	6.4	1.41	20	
D71143 (612711)	<0.5	8.37	<1	377	1.1	<1	2.08	<0.5	25	3.0	24.1	7.0	1.56	21	
D71144 (612712)	<0.5	8.40	1	408	1.1	<1	2.15	<0.5	23	3.7	21.5	7.4	1.88	21	
D71145 (612713)	<0.5	8.03	<1	928	1.0	<1	1.70	<0.5	11	1.6	18.0	5.2	1.09	19	
D71146 (612714)	<0.5	7.31	1	144	0.5	<1	7.11	<0.5	10	43.5	197	148	8.33	19	
D71147 (612715)	<0.5	8.04	2	602	1.0	<1	1.84	<0.5	18	2.3	22.5	7.0	1.51	20	
D71148 (612716)	<0.5	7.98	<1	617	1.3	<1	1.73	<0.5	23	2.5	27.0	12.3	1.48	22	
D71149 (612717)	<0.5	7.71	<1	713	1.3	<1	2.04	<0.5	32	3.0	21.4	10.2	1.69	21	
D71150 (612718)	<0.5	8.28	2	653	1.2	<1	2.17	<0.5	12	3.0	25.7	10.9	1.09	19	
D71151 (612719)	<0.5	8.02	1	544	1.4	<1	1.83	<0.5	12	0.9	20.3	5.3	0.85	18	
D71152 (612720)	<0.5	0.30	<1	24	<0.5	<1	30.5	<0.5	<1	<0.5	4.5	<0.5	0.10	<5	
D71153 (612721)	<0.5	3.94	<1	650	2.6	<1	7.44	<0.5	113	59.2	437	84.3	9.18	20	
D71154 (612722)	<0.5	4.59	<1	729	2.3	<1	7.01	<0.5	114	54.3	387	70.3	8.79	21	
D71155 (612723)	<0.5	7.82	<1	329	1.2	<1	2.15	<0.5	34	5.6	37.6	7.5	2.08	21	
D71156 (612724)	<0.5	7.95	1	372	1.2	<1	2.05	<0.5	24	4.8	32.7	13.0	1.78	20	
D71157 (612725)	0.6	7.85	1	548	1.3	<1	1.93	<0.5	25	3.7	28.8	9.1	1.74	20	
D71158 (612726)	<0.5	7.71	3	533	1.2	<1	1.89	<0.5	24	3.9	27.5	7.9	1.76	20	
D71159 (612727)	<0.5	8.15	<1	630	1.2	<1	1.96	<0.5	24	2.8	21.7	6.5	1.50	21	
D71160 (612728)	<0.5	7.96	1	615	1.5	<1	1.75	<0.5	24	2.4	27.5	6.9	1.56	20	
D71161 (612729)	<0.5	7.49	<1	659	1.5	<1	1.71	<0.5	30	3.5	32.5	7.8	1.54	19	
D71162 (612730)	<0.5	7.64	3	443	1.4	<1	1.84	<0.5	22	4.5	33.6	13.7	1.43	20	
D71163 (612731)	<0.5	7.57	3	422	1.3	<1	2.07	<0.5	26	3.1	24.2	4.8	1.52	20	
D71164 (612732)	<0.5	5.57	<1	1080	4.1	<1	7.25	<0.5	195	44.1	207	84.3	9.02	27	
D71165 (612733)	<0.5	4.22	<1	1020	2.8	<1	7.82	<0.5	134	57.2	377	104	10.0	21	
D71166 (612734)	<0.5	7.59	<1	187	0.8	<1	6.61	<0.5	21	42.5	213	104	8.01	22	
D71167 (612735)	<0.5	6.92	<1	301	2.1	<1	3.12	<0.5	40	13.3	67.0	23.7	2.26	18	
D71168 (612736)	<0.5	7.18	1	504	1.1	<1	1.30	<0.5	19	1.9	28.6	3.9	1.08	17	
D71169 (612737)	<0.5	7.17	<1	398	1.9	<1	1.37	<0.5	20	3.4	34.8	5.6	1.66	18	

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## Certificate of Analysis

AGAT WORK ORDER: 19T530069

PROJECT: AGAT00815

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 10, 2019

DATE RECEIVED: Oct 11, 2019

DATE REPORTED: Oct 28, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D71109 (612677)		<1	1.40	17	22	1.52	838	2.0	3.07	27.7	702	<20	80	0.12	<1
D71110 (612678)		<1	0.70	10	18	1.67	1230	2.2	2.64	29.8	1210	<20	<50	0.14	<1
D71111 (612679)		<1	1.87	11	19	1.27	603	1.4	3.37	19.8	537	<20	66	0.06	<1
D71112 (612680)		<1	0.01	<2	1	1.35	96	<0.5	0.03	<0.5	84	<20	<50	0.02	<1
D71113 (612681)		<1	0.90	7	26	1.16	484	1.9	3.83	22.5	485	<20	<50	0.03	<1
D71114 (612682)		<1	1.05	9	24	1.75	902	2.5	2.92	24.0	487	<20	<50	0.15	<1
D71115 (612683)		<1	0.98	11	22	1.55	644	1.6	3.63	24.3	598	<20	<50	0.08	<1
D71116 (612684)		<1	0.98	6	22	1.69	906	2.3	3.17	32.4	366	<20	<50	0.11	<1
D71117 (612685)		<1	0.90	11	22	0.92	450	1.4	3.55	16.9	399	<20	<50	0.06	<1
D71118 (612686)		<1	0.90	11	22	0.94	462	1.3	3.56	18.4	415	<20	<50	0.07	<1
D71119 (612687)		<1	1.20	9	24	0.71	438	1.2	3.71	9.9	331	<20	79	0.02	<1
D71120 (612688)		<1	1.12	12	27	0.64	320	1.8	3.70	11.7	345	<20	53	0.05	<1
D71121 (612689)		<1	1.11	19	30	0.77	398	1.2	3.38	13.5	488	<20	54	0.02	<1
D71122 (612690)		<1	0.93	25	28	0.69	371	1.6	3.58	11.7	428	<20	<50	0.03	<1
D71123 (612691)		<1	1.49	12	18	0.25	160	1.0	3.45	1.9	199	<20	<50	0.02	<1
D71124 (612692)		<1	1.10	16	25	0.39	253	1.1	3.85	3.6	342	<20	<50	0.03	<1
D71125 (612693)		<1	1.26	13	21	0.33	219	1.6	3.66	4.4	271	<20	<50	0.02	<1
D71126 (612694)		<1	0.19	3	13	4.44	1410	1.6	2.32	89.3	413	<20	<50	0.16	<1
D71127 (612695)		<1	1.90	16	34	0.57	344	1.8	3.49	17.1	351	<20	91	0.03	<1
D71128 (612696)		<1	1.59	12	14	0.24	207	1.2	3.84	1.7	226	<20	57	0.03	<1
D71129 (612697)		<1	1.74	11	14	0.36	232	1.5	3.88	8.2	266	<20	51	0.04	<1
D71130 (612698)		<1	1.86	11	16	0.45	259	1.3	3.94	10.4	576	<20	59	0.02	<1
D71131 (612699)		<1	1.38	11	19	0.35	227	1.1	3.88	6.7	305	<20	<50	0.02	<1
D71132 (612700)		<1	0.01	<2	1	1.85	105	<0.5	0.03	<0.5	85	<20	<50	0.03	<1
D71133 (612701)		<1	2.04	15	8	0.32	206	1.3	3.60	7.5	324	<20	58	0.03	<1
D71134 (612702)		<1	1.50	15	19	0.32	224	1.3	3.80	3.5	297	<20	<50	0.02	<1
D71135 (612703)		<1	1.66	11	16	0.22	186	1.5	3.62	2.3	227	<20	51	0.03	<1
D71136 (612704)		<1	2.00	8	12	0.18	164	1.2	3.47	1.4	157	<20	60	0.02	<1
D71137 (612705)		<1	2.00	8	7	0.17	168	1.2	3.48	1.2	153	<20	59	0.03	<1
D71138 (612706)		<1	2.03	8	7	0.17	174	1.3	3.59	1.0	144	<20	59	0.03	<1
D71139 (612707)		<1	1.80	10	10	0.22	185	1.4	3.74	1.2	212	<20	55	0.02	<1
D71140 (612708)		<1	1.49	13	17	0.37	272	1.2	4.09	3.0	356	<20	52	0.03	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T530069

PROJECT: AGAT00815

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 10, 2019

DATE RECEIVED: Oct 11, 2019

DATE REPORTED: Oct 28, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D71141 (612709)		<1	2.29	9	11	0.23	191	1.4	3.53	5.9	198	<20	63	0.02	<1
D71142 (612710)		<1	1.96	11	18	0.27	191	1.3	3.52	2.3	212	<20	60	0.02	<1
D71143 (612711)		<1	1.24	13	22	0.37	243	1.5	4.11	5.5	337	<20	<50	0.02	<1
D71144 (612712)		<1	1.36	11	19	0.42	293	1.3	4.09	5.9	538	<20	51	0.03	<1
D71145 (612713)		<1	1.92	6	7	0.18	147	1.4	3.73	0.9	194	<20	53	0.04	<1
D71146 (612714)		<1	0.20	3	12	4.49	1420	1.6	2.26	88.6	420	<20	<50	0.16	<1
D71147 (612715)		<1	1.54	9	17	0.26	213	1.6	3.94	1.8	242	<20	<50	0.03	<1
D71148 (612716)		<1	2.04	11	12	0.29	259	2.0	3.74	2.4	369	<20	59	0.04	<1
D71149 (612717)		<1	2.00	14	8	0.45	319	1.5	3.87	5.5	421	<20	56	0.05	<1
D71150 (612718)		<1	1.61	6	7	0.31	200	1.4	4.45	4.8	1060	<20	<50	0.11	<1
D71151 (612719)		<1	1.07	6	7	0.14	123	1.4	4.68	1.7	156	<20	<50	0.03	<1
D71152 (612720)		<1	0.02	<2	1	1.29	88	<0.5	0.22	<0.5	79	<20	<50	0.03	<1
D71153 (612721)		<1	1.62	60	33	8.29	1330	4.1	1.60	411	2290	<20	75	0.15	<1
D71154 (612722)		<1	1.95	59	27	7.62	1340	3.9	1.92	371	2440	<20	90	0.16	<1
D71155 (612723)		<1	0.74	17	16	0.66	329	1.2	4.39	18.5	433	<20	<50	0.04	<1
D71156 (612724)		<1	1.45	12	19	0.55	306	1.4	4.11	12.6	532	<20	55	0.04	<1
D71157 (612725)		<1	1.41	13	13	0.45	269	1.8	4.05	8.4	316	<20	<50	0.04	<1
D71158 (612726)		<1	1.39	12	12	0.43	270	1.3	3.97	7.9	327	<20	<50	0.04	<1
D71159 (612727)		<1	1.44	12	8	0.29	206	1.4	4.23	3.1	319	<20	<50	0.08	<1
D71160 (612728)		<1	1.85	12	11	0.47	226	1.6	4.14	3.6	298	<20	52	0.03	<1
D71161 (612729)		<1	2.45	15	8	0.50	241	1.6	3.63	7.5	338	<20	69	0.03	<1
D71162 (612730)		<1	2.22	11	8	0.40	251	2.6	3.82	8.0	245	<20	62	0.06	<1
D71163 (612731)		<1	1.16	14	10	0.41	308	2.3	4.51	5.8	474	<20	<50	0.06	<1
D71164 (612732)		<1	2.26	106	40	5.33	1360	6.8	2.25	208	3790	<20	126	0.29	<1
D71165 (612733)		<1	2.49	72	23	8.30	1440	4.5	1.12	391	3190	<20	138	0.19	<1
D71166 (612734)		<1	0.43	10	11	4.47	1360	2.2	2.33	111	906	<20	<50	0.10	<1
D71167 (612735)		<1	1.48	19	70	1.41	473	2.6	4.29	48.9	694	<20	<50	0.13	<1
D71168 (612736)		<1	2.33	9	8	0.45	206	2.2	3.51	6.4	151	<20	55	0.02	<1
D71169 (612737)		<1	3.45	10	10	0.64	252	1.7	3.17	9.8	391	<20	98	0.02	<1

Certified By:





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AGAT WORK ORDER: 19T530069

PROJECT: AGAT00815

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 10, 2019	DATE RECEIVED: Oct 11, 2019					DATE REPORTED: Oct 28, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D71109 (612677)	28	<10	<5	340	<10	<10	<5	0.43	<5	<50	112	<1	19	91.1	
D71110 (612678)	25	<10	<5	216	<10	<10	<5	0.71	<5	<50	68.2	<1	46	97.5	
D71111 (612679)	16	<10	<5	374	<10	<10	<5	0.42	<5	<50	112	<1	11	62.9	
D71112 (612680)	<1	<10	<5	74	<10	<10	<5	<0.01	<5	<50	0.8	<1	2	2.7	
D71113 (612681)	11	<10	<5	409	<10	<10	<5	0.30	<5	<50	77.8	<1	12	59.0	
D71114 (612682)	23	<10	<5	280	<10	<10	<5	0.58	<5	<50	164	<1	18	85.6	
D71115 (612683)	19	<10	<5	420	<10	<10	<5	0.39	<5	<50	115	<1	12	76.4	
D71116 (612684)	20	<10	<5	268	<10	<10	<5	0.42	<5	<50	132	<1	15	79.5	
D71117 (612685)	8	<10	<5	332	<10	<10	<5	0.25	<5	<50	55.2	<1	8	56.0	
D71118 (612686)	9	<10	<5	331	<10	<10	<5	0.25	<5	<50	56.3	<1	8	57.5	
D71119 (612687)	9	<10	<5	329	<10	<10	<5	0.21	<5	<50	44.3	<1	8	55.3	
D71120 (612688)	5	<10	<5	348	<10	<10	<5	0.19	<5	<50	38.1	<1	5	52.1	
D71121 (612689)	7	<10	<5	286	<10	<10	<5	0.27	<5	<50	51.3	<1	8	66.3	
D71122 (612690)	6	<10	<5	290	<10	<10	<5	0.23	<5	<50	45.5	<1	7	59.1	
D71123 (612691)	2	<10	<5	311	<10	<10	<5	0.12	<5	<50	17.0	<1	2	35.7	
D71124 (612692)	3	<10	<5	371	<10	<10	<5	0.16	<5	<50	23.7	<1	3	53.1	
D71125 (612693)	3	<10	<5	347	<10	<10	<5	0.13	<5	<50	19.5	<1	3	48.3	
D71126 (612694)	47	<10	<5	113	<10	<10	<5	0.72	<5	<50	299	<1	23	85.9	
D71127 (612695)	5	<10	<5	342	<10	<10	<5	0.15	<5	<50	28.7	<1	6	50.5	
D71128 (612696)	3	<10	<5	363	<10	<10	<5	0.11	<5	<50	16.1	<1	4	40.8	
D71129 (612697)	3	<10	<5	382	<10	<10	<5	0.09	<5	<50	18.4	<1	3	39.7	
D71130 (612698)	4	<10	<5	376	<10	<10	<5	0.12	<5	<50	21.4	<1	4	40.1	
D71131 (612699)	3	<10	<5	406	<10	<10	<5	0.13	<5	<50	19.2	<1	4	45.2	
D71132 (612700)	<1	<10	<5	75	<10	<10	<5	<0.01	<5	<50	0.9	<1	2	2.6	
D71133 (612701)	3	<10	<5	394	<10	<10	<5	0.08	<5	<50	16.6	<1	4	31.9	
D71134 (612702)	3	<10	<5	473	<10	<10	<5	0.12	<5	<50	18.2	<1	4	43.0	
D71135 (612703)	3	<10	<5	367	<10	<10	<5	0.09	<5	<50	13.4	<1	2	37.7	
D71136 (612704)	2	<10	<5	342	<10	<10	<5	0.07	<5	<50	10.2	<1	2	32.3	
D71137 (612705)	2	<10	<5	321	<10	<10	<5	0.07	<5	<50	9.6	<1	2	32.5	
D71138 (612706)	2	<10	<5	331	<10	<10	<5	0.07	<5	<50	9.5	<1	2	32.5	
D71139 (612707)	3	<10	<5	359	<10	<10	<5	0.10	<5	<50	13.8	<1	3	36.2	
D71140 (612708)	5	<10	<5	493	<10	<10	<5	0.16	<5	<50	33.6	<1	6	54.4	

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# Certificate of Analysis

AGAT WORK ORDER: 19T530069

PROJECT: AGAT00815

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 10, 2019	DATE RECEIVED: Oct 11, 2019					DATE REPORTED: Oct 28, 2019					SAMPLE TYPE: Drill Core				
Analyte: Unit: RDL:	Sc ppm 1	Se ppm 10	Sn ppm 5	Sr ppm 1	Ta ppm 10	Te ppm 10	Th ppm 5	Ti % 0.01	Tl ppm 5	U ppm 50	V ppm 0.5	W ppm 1	Y ppm 1	Zn ppm 0.5	
D71141 (612709)	3	<10	<5	418	<10	<10	<5	0.09	<5	<50	15.7	<1	4	34.8	
D71142 (612710)	3	<10	<5	389	<10	<10	<5	0.11	<5	<50	17.2	<1	3	37.8	
D71143 (612711)	3	<10	<5	508	<10	<10	<5	0.14	<5	<50	20.4	<1	4	44.3	
D71144 (612712)	4	<10	<5	511	<10	<10	<5	0.16	<5	<50	23.9	<1	5	52.8	
D71145 (612713)	1	<10	<5	489	<10	<10	<5	0.08	<5	<50	11.7	<1	2	29.4	
D71146 (612714)	47	<10	<5	110	<10	<10	<5	0.71	<5	<50	302	<1	23	84.1	
D71147 (612715)	2	<10	<5	500	<10	<10	<5	0.12	<5	<50	18.6	<1	3	41.9	
D71148 (612716)	3	<10	<5	465	<10	<10	<5	0.14	<5	<50	17.2	<1	5	43.1	
D71149 (612717)	4	<10	<5	521	<10	<10	<5	0.13	<5	<50	18.5	<1	5	43.1	
D71150 (612718)	2	<10	<5	547	<10	<10	<5	0.06	<5	<50	12.3	<1	3	25.0	
D71151 (612719)	2	<10	<5	558	<10	<10	<5	0.05	<5	<50	10.6	<1	4	18.8	
D71152 (612720)	<1	<10	<5	67	<10	<10	<5	<0.01	<5	<50	1.0	<1	3	3.1	
D71153 (612721)	26	<10	<5	795	<10	<10	<5	1.88	<5	<50	244	<1	26	106	
D71154 (612722)	21	<10	<5	745	<10	<10	<5	1.82	<5	<50	224	<1	24	117	
D71155 (612723)	4	<10	<5	522	<10	<10	<5	0.21	<5	<50	34.9	<1	7	49.1	
D71156 (612724)	4	<10	<5	490	<10	<10	<5	0.17	<5	<50	25.1	<1	4	49.0	
D71157 (612725)	4	<10	<5	514	<10	<10	<5	0.16	<5	<50	28.9	<1	5	52.1	
D71158 (612726)	4	<10	<5	506	<10	<10	<5	0.16	<5	<50	29.1	<1	5	48.6	
D71159 (612727)	3	<10	<5	497	<10	<10	<5	0.12	<5	<50	19.2	<1	4	39.0	
D71160 (612728)	4	<10	<5	398	<10	<10	<5	0.12	<5	<50	26.4	<1	5	29.4	
D71161 (612729)	4	<10	<5	335	<10	<10	<5	0.11	<5	<50	32.0	<1	4	26.9	
D71162 (612730)	5	<10	<5	314	<10	<10	<5	0.10	<5	<50	24.3	<1	4	32.2	
D71163 (612731)	3	<10	<5	369	<10	<10	<5	0.16	<5	<50	24.0	<1	4	26.2	
D71164 (612732)	12	<10	<5	1240	<10	<10	<5	1.88	<5	<50	219	<1	39	127	
D71165 (612733)	20	<10	<5	781	<10	<10	<5	2.16	<5	<50	266	<1	29	134	
D71166 (612734)	36	<10	<5	247	<10	<10	<5	0.89	<5	<50	238	<1	23	92.2	
D71167 (612735)	15	<10	<5	358	<10	<10	<5	0.24	<5	<50	70.2	<1	7	31.0	
D71168 (612736)	4	<10	<5	173	<10	<10	<5	0.08	<5	<50	19.0	<1	3	14.3	
D71169 (612737)	10	<10	<5	167	<10	<10	<5	0.16	<5	<50	79.6	<1	5	17.5	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T530069

PROJECT: AGAT00815

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 10, 2019      DATE RECEIVED: Oct 11, 2019      DATE REPORTED: Oct 28, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D71109 (612677)				69
D71110 (612678)				47
D71111 (612679)				64
D71112 (612680)				<5
D71113 (612681)				49
D71114 (612682)				47
D71115 (612683)				41
D71116 (612684)				58
D71117 (612685)				35
D71118 (612686)				37
D71119 (612687)				32
D71120 (612688)				43
D71121 (612689)				60
D71122 (612690)				55
D71123 (612691)				74
D71124 (612692)				70
D71125 (612693)				65
D71126 (612694)				55
D71127 (612695)				76
D71128 (612696)				59
D71129 (612697)				70
D71130 (612698)				59
D71131 (612699)				66
D71132 (612700)				<5
D71133 (612701)				61
D71134 (612702)				77
D71135 (612703)				67
D71136 (612704)				55
D71137 (612705)				58
D71138 (612706)				60
D71139 (612707)				60
D71140 (612708)				69

Certified By:



## Certificate of Analysis

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PROJECT: AGAT00815

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 10, 2019      DATE RECEIVED: Oct 11, 2019      DATE REPORTED: Oct 28, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D71141 (612709)				59
D71142 (612710)				52
D71143 (612711)				65
D71144 (612712)				70
D71145 (612713)				67
D71146 (612714)				55
D71147 (612715)				56
D71148 (612716)				60
D71149 (612717)				61
D71150 (612718)				56
D71151 (612719)				48
D71152 (612720)				<5
D71153 (612721)				152
D71154 (612722)				194
D71155 (612723)				69
D71156 (612724)				71
D71157 (612725)				57
D71158 (612726)				56
D71159 (612727)				57
D71160 (612728)				59
D71161 (612729)				48
D71162 (612730)				54
D71163 (612731)				85
D71164 (612732)				188
D71165 (612733)				149
D71166 (612734)				95
D71167 (612735)				65
D71168 (612736)				30
D71169 (612737)				37

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T530069

PROJECT: AGAT00815

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 10, 2019

DATE RECEIVED: Oct 11, 2019

DATE REPORTED: Oct 28, 2019

SAMPLE TYPE: Drill Core

Comments: RDL - Reported Detection Limit

612677-612737 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

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## Certificate of Analysis

AGAT WORK ORDER: 19T530069

PROJECT: AGAT00815

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 10, 2019      DATE RECEIVED: Oct 11, 2019      DATE REPORTED: Oct 28, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D71109 (612677)		0.005	
D71110 (612678)		0.002	
D71111 (612679)		0.012	
D71112 (612680)		<0.001	
D71113 (612681)		<0.001	
D71114 (612682)		0.001	
D71115 (612683)		0.001	
D71116 (612684)		0.001	
D71117 (612685)		<0.001	
D71118 (612686)		0.002	
D71119 (612687)		0.001	
D71120 (612688)		<0.001	
D71121 (612689)		0.006	
D71122 (612690)		<0.001	
D71123 (612691)		0.003	
D71124 (612692)		0.003	
D71125 (612693)		<0.001	
D71126 (612694)		0.512	
D71127 (612695)		0.001	
D71128 (612696)		<0.001	
D71129 (612697)		<0.001	
D71130 (612698)		0.001	
D71131 (612699)		<0.001	
D71132 (612700)		0.001	
D71133 (612701)		<0.001	
D71134 (612702)		<0.001	
D71135 (612703)		0.003	
D71136 (612704)		<0.001	
D71137 (612705)		0.001	
D71138 (612706)		0.005	
D71139 (612707)		<0.001	
D71140 (612708)		0.003	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T530069

PROJECT: AGAT00815

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 10, 2019

DATE RECEIVED: Oct 11, 2019

DATE REPORTED: Oct 28, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D71141 (612709)			<0.001
D71142 (612710)			<0.001
D71143 (612711)			<0.001
D71144 (612712)			<0.001
D71145 (612713)			0.001
D71146 (612714)			0.532
D71147 (612715)			0.001
D71148 (612716)			<0.001
D71149 (612717)			<0.001
D71150 (612718)			0.003
D71151 (612719)			0.001
D71152 (612720)			0.001
D71153 (612721)			0.002
D71154 (612722)			0.001
D71155 (612723)			0.001
D71156 (612724)			<0.001
D71157 (612725)			<0.001
D71158 (612726)			<0.001
D71159 (612727)			0.003
D71160 (612728)			0.001
D71161 (612729)			<0.001
D71162 (612730)			0.002
D71163 (612731)			<0.001
D71164 (612732)			0.002
D71165 (612733)			0.002
D71166 (612734)			0.328
D71167 (612735)			0.002
D71168 (612736)			<0.001
D71169 (612737)			<0.001

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T530069

PROJECT: AGAT00815

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Oct 10, 2019

DATE RECEIVED: Oct 11, 2019

DATE REPORTED: Oct 28, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D71109 (612677)		81.69
D71128 (612696)		81.62
D71148 (612716)		77.82
D71149 (612717)		76.11
D71168 (612736)		78.55

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	612677	< 0.5	< 0.5	0.0%	612691	< 0.5	< 0.5	0.0%	612702	< 0.5	< 0.5	0.0%	612716	< 0.5	< 0.5	0.0%
Al	612677	7.52	7.49	0.4%	612691	7.64	7.55	1.2%	612702	7.85	7.82	0.4%	612716	7.98	7.73	3.2%
As	612677	< 1	< 1	0.0%	612691	< 1	< 1	0.0%	612702	1	< 1		612716	< 1	2	
Ba	612677	406	397	2.2%	612691	557	570	2.3%	612702	553	559	1.1%	612716	617	612	0.8%
Be	612677	1.2	1.2	0.0%	612691	0.9	0.9	0.0%	612702	1.0	1.0	0.0%	612716	1.3	1.3	0.0%
Bi	612677	< 1	< 1	0.0%	612691	< 1	< 1	0.0%	612702	< 1	< 1	0.0%	612716	< 1	< 1	0.0%
Ca	612677	3.54	3.46	2.3%	612691	1.87	1.88	0.5%	612702	1.98	1.97	0.5%	612716	1.73	1.72	0.6%
Cd	612677	< 0.5	< 0.5	0.0%	612691	< 0.5	< 0.5	0.0%	612702	< 0.5	< 0.5	0.0%	612716	< 0.5	< 0.5	0.0%
Ce	612677	36	34	5.7%	612691	20	18	10.5%	612702	29	28	3.5%	612716	23	25	8.3%
Co	612677	18.4	18.1	1.6%	612691	2.15	2.37	9.7%	612702	2.75	2.91	5.7%	612716	2.5	2.5	0.0%
Cr	612677	64.4	65.9	2.3%	612691	16.0	14.5	9.8%	612702	21.1	22.7	7.3%	612716	27.0	20.5	27.4%
Cu	612677	58.1	59.0	1.5%	612691	7.80	7.34	6.1%	612702	6.0	7.0	15.4%	612716	12.3	11.1	10.3%
Fe	612677	4.91	4.87	0.8%	612691	1.38	1.39	0.7%	612702	1.49	1.56	4.6%	612716	1.48	1.43	3.4%
Ga	612677	22	22	0.0%	612691	19	19	0.0%	612702	19	20	5.1%	612716	22	21	4.7%
In	612677	< 1	< 1	0.0%	612691	< 1	< 1	0.0%	612702	< 1	< 1	0.0%	612716	< 1	< 1	0.0%
K	612677	1.40	1.40	0.0%	612691	1.49	1.48	0.7%	612702	1.50	1.50	0.0%	612716	2.04	2.00	2.0%
La	612677	17	16	6.1%	612691	12	10	18.2%	612702	15	14	6.9%	612716	11	12	8.7%
Li	612677	22	21	4.7%	612691	18	18	0.0%	612702	19	19	0.0%	612716	12	12	0.0%
Mg	612677	1.52	1.51	0.7%	612691	0.25	0.25	0.0%	612702	0.318	0.327	2.8%	612716	0.29	0.29	0.0%
Mn	612677	838	837	0.1%	612691	160	158	1.3%	612702	224	232	3.5%	612716	259	248	4.3%
Mo	612677	2.0	2.3	14.0%	612691	1.05	1.28	19.7%	612702	1.29	1.36	5.3%	612716	2.0	1.6	22.2%
Na	612677	3.07	2.98	3.0%	612691	3.45	3.43	0.6%	612702	3.80	3.79	0.3%	612716	3.74	3.77	0.8%
Ni	612677	27.7	27.4	1.1%	612691	1.86	1.63	13.2%	612702	3.54	3.96	11.2%	612716	2.4	2.3	4.3%
P	612677	702	663	5.7%	612691	199	208	4.4%	612702	297	282	5.2%	612716	369	362	1.9%
Pb	612677	< 20	< 20	0.0%	612691	< 20	< 20	0.0%	612702	< 20	< 20	0.0%	612716	< 20	< 20	0.0%
Rb	612677	80	78	2.5%	612691	< 50	< 50	0.0%	612702	< 50	< 50	0.0%	612716	59	62	5.0%
S	612677	0.12	0.12	0.0%	612691	0.02	0.02	0.0%	612702	0.02	0.02	0.0%	612716	0.04	0.04	0.0%
Sb	612677	< 1	< 1	0.0%	612691	< 1	< 1	0.0%	612702	< 1	< 1	0.0%	612716	< 1	< 1	0.0%
Sc	612677	28	27	3.6%	612691	2	1		612702	3	3	0.0%	612716	3	3	0.0%
Se	612677	< 10	< 10	0.0%	612691	< 10	< 10	0.0%	612702	< 10	< 10	0.0%	612716	< 10	< 10	0.0%
Sn	612677	< 5	< 5	0.0%	612691	< 5	< 5	0.0%	612702	< 5	< 5	0.0%	612716	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	612677	340	326	4.2%	612691	311	311	0.0%	612702	473	470	0.6%	612716	465	468	0.6%
Ta	612677	< 10	< 10	0.0%	612691	< 10	< 10	0.0%	612702	< 10	< 10	0.0%	612716	< 10	< 10	0.0%
Te	612677	< 10	< 10	0.0%	612691	< 10	< 10	0.0%	612702	< 10	< 10	0.0%	612716	< 10	< 10	0.0%
Th	612677	< 5	< 5	0.0%	612691	< 5	< 5	0.0%	612702	< 5	< 5	0.0%	612716	< 5	< 5	0.0%
Ti	612677	0.43	0.42	2.4%	612691	0.115	0.113	1.8%	612702	0.12	0.12	0.0%	612716	0.135	0.132	2.2%
Tl	612677	< 5	< 5	0.0%	612691	< 5	< 5	0.0%	612702	< 5	< 5	0.0%	612716	< 5	< 5	0.0%
U	612677	< 50	< 50	0.0%	612691	< 50	< 50	0.0%	612702	< 50	< 50	0.0%	612716	< 50	< 50	0.0%
V	612677	112	109	2.7%	612691	17.0	16.9	0.6%	612702	18.2	18.2	0.0%	612716	17.2	17.3	0.6%
W	612677	< 1	< 1	0.0%	612691	< 1	< 1	0.0%	612702	< 1	< 1	0.0%	612716	< 1	< 1	0.0%
Y	612677	19	19	0.0%	612691	2	2	0.0%	612702	4	4	0.0%	612716	5	4	22.2%
Zn	612677	91.1	88.8	2.6%	612691	35.7	35.6	0.3%	612702	43.0	44.4	3.2%	612716	43.1	40.8	5.5%
Zr	612677	69	67	2.9%	612691	74	54		612702	77	73	5.3%	612716	60	66	9.5%

REPLICATE #5

Parameter	Sample ID	Original	Replicate	RPD												
Ag	612727	< 0.5	< 0.5	0.0%												
Al	612727	8.15	7.95	2.5%												
As	612727	< 1	< 1	0.0%												
Ba	612727	630	610	3.2%												
Be	612727	1.2	1.2	0.0%												
Bi	612727	< 1	< 1	0.0%												
Ca	612727	1.96	1.89	3.6%												
Cd	612727	< 0.5	< 0.5	0.0%												
Ce	612727	24	23	4.3%												
Co	612727	2.83	2.95	4.2%												
Cr	612727	21.7	20.3	6.7%												
Cu	612727	6.50	6.11	6.2%												
Fe	612727	1.50	1.45	3.4%												
Ga	612727	21	20	4.9%												
In	612727	< 1	< 1	0.0%												
K	612727	1.44	1.41	2.1%												
La	612727	12	12	0.0%												
Li	612727	8	8	0.0%												
Mg	612727	0.29	0.28	3.5%												
Mn	612727	206	201	2.5%												



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	612727	1.4	1.5	6.9%												
Na	612727	4.23	4.11	2.9%												
Ni	612727	3.12	3.03	2.9%												
P	612727	319	301	5.8%												
Pb	612727	< 20	< 20	0.0%												
Rb	612727	< 50	< 50	0.0%												
S	612727	0.076	0.073	4.0%												
Sb	612727	< 1	< 1	0.0%												
Sc	612727	3	3	0.0%												
Se	612727	< 10	< 10	0.0%												
Sn	612727	< 5	< 5	0.0%												
Sr	612727	497	480	3.5%												
Ta	612727	< 10	< 10	0.0%												
Te	612727	< 10	< 10	0.0%												
Th	612727	< 5	< 5	0.0%												
Ti	612727	0.115	0.110	4.4%												
Tl	612727	< 5	< 5	0.0%												
U	612727	< 50	< 50	0.0%												
V	612727	19.2	18.4	4.3%												
W	612727	< 1	< 1	0.0%												
Y	612727	4	3	28.6%												
Zn	612727	39.0	35.5	9.4%												
Zr	612727	57	54	5.4%												

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	612677	0.005	0.001		612691	0.003	0.002		612702	< 0.001	0.005		612716	< 0.001	0.003	
Parameter	REPLICATE #5															
	Sample ID	Original	Replicate	RPD												
Au	612727	0.003	0.001													



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.WMG-1a)				CRM #3 (ref.Till-2)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.71	98%	90% - 110%	4.75	4.75	100%	90% - 110%	8.17	8.24	101%	90% - 110%	4.75	4.8	101%	90% - 110%
As									26	24	94%	90% - 110%				
Ba	340	333	98%	90% - 110%	216	214	99%	90% - 110%	540	516	96%	90% - 110%	216	214	99%	90% - 110%
Be	2.6	2.9	112%	90% - 110%					4.0	3.6	89%	90% - 110%				
Ca	5.72	5.89	103%	90% - 110%	10	10	98%	90% - 110%	0.907	0.923	102%	90% - 110%	10	10	98%	90% - 110%
Ce	122	116	95%	90% - 110%					98	97	99%	90% - 110%				
Co					191	186	97%	90% - 110%					191	187	98%	90% - 110%
Cr	12	11	89%	90% - 110%	670	694	104%	90% - 110%	60.3	63.7	106%	90% - 110%	670	703	105%	90% - 110%
Cu					7120	6903	97%	90% - 110%	150	149	99%	90% - 110%	7120	6953	98%	90% - 110%
Fe	4.34	4.27	98%	90% - 110%	12.71	12.55	99%	90% - 110%	3.77	3.87	103%	90% - 110%	12.71	12.51	98%	90% - 110%
Ga	35	37	106%	90% - 110%												
K	1.37	1.36	99%	90% - 110%	0.1021	0.1064	104%	90% - 110%					0.1021	0.1004	98%	90% - 110%
La	58	59	101%	90% - 110%	8.47	8.15	96%	90% - 110%	44	45	103%	90% - 110%	8.47	8.46	100%	90% - 110%
Li	37	38	102%	90% - 110%					47	47	100%	90% - 110%				
Mg	0.325	0.3	92%	90% - 110%	7.41	7.37	100%	90% - 110%	1.10	1.08	98%	90% - 110%	7.41	7.48	101%	90% - 110%
Mn									780	762	98%	90% - 110%				
Mo									14	14	103%	90% - 110%				
Na	5.267	5.347	102%	90% - 110%	0.112	0.118	105%	90% - 110%	1.624	1.681	104%	90% - 110%	0.112	0.119	106%	90% - 110%
Ni					2480	2300	93%	90% - 110%	32	33	102%	90% - 110%	2480	2308	93%	90% - 110%
P					731	703	96%	90% - 110%	750	722	96%	90% - 110%	731	742	101%	90% - 110%
Pb									31	26	85%	90% - 110%				
Rb	55	62	112%	90% - 110%					143	138	97%	90% - 110%				
Sc	1.1	1	94%	90% - 110%	21.33	21.68	102%	90% - 110%	12	13	105%	90% - 110%	21.33	21.78	102%	90% - 110%
Sr	1191	1153	97%	90% - 110%	39	37	96%	90% - 110%	144	150	104%	90% - 110%	39	38	97%	90% - 110%
Ti	0.172	0.173	101%	90% - 110%	0.419	0.427	102%	90% - 110%	0.53	0.49	92%	90% - 110%	0.419	0.429	102%	90% - 110%
V	8	8	102%	90% - 110%	158	160	101%	90% - 110%	77	76	99%	90% - 110%	158	161	102%	90% - 110%
Y	119	125	105%	90% - 110%	12.67	13.28	105%	90% - 110%					12.67	13.34	105%	90% - 110%
Zn	93	101	108%	90% - 110%	112	116	104%	90% - 110%	130	128	98%	90% - 110%	112	114	102%	90% - 110%
Zr					35.7	36.9	103%	90% - 110%					35.7	36.8	103%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (ref.GS6F)				CRM #2 (ref.GSP7M)				CRM #3 (ref.GS4H)				CRM #4 (ref.GSP5G)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.87	6.68	97%	90% - 110%	0.725	0.718	99%	90% - 110%	5.01	4.88	97%	90% - 110%	0.562	0.508	90%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00815  
 SAMPLING SITE:

AGAT WORK ORDER: 19T530069  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00817

AGAT WORK ORDER: 19T531398

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Oct 31, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T531398

PROJECT: AGAT00817

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Oct 15, 2019      DATE RECEIVED: Oct 15, 2019      DATE REPORTED: Oct 31, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D71170 (621677)		1.16
D71171 (621678)		2.18
D71172 (621679)		0.69
D71173 (621680)		2.14
D71174 (621681)		1.91
D71175 (621682)		1.13
D71176 (621683)		2.14
D71177 (621684)		2.19
D71178 (621685)		2.19
D71179 (621686)		2.14
D71180 (621687)		2.25
D71181 (621688)		2.26
D71182 (621689)		2.22
D71183 (621690)		2.28
D71184 (621691)		2.18
D71185 (621692)		2.09
D71186 (621693)		0.07
D71187 (621694)		2.28
D71188 (621695)		2.29
D71189 (621696)		0.89
D71190 (621697)		2.60
D71191 (621698)		2.23
D71192 (621699)		0.64
D71193 (621700)		2.13
D71194 (621701)		2.10
D71195 (621702)		2.14
D71196 (621703)		2.05
D71197 (621704)		2.12
D71198 (621705)		2.12
D71199 (621706)		1.52
D71200 (621707)		0.66

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T531398

PROJECT: AGAT00817

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Oct 15, 2019

DATE RECEIVED: Oct 15, 2019

DATE REPORTED: Oct 31, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D71201 (621708)		1.53
D71202 (621709)		1.93
D71203 (621710)		1.80
D71204 (621711)		1.08
D71205 (621712)		2.51
D71206 (621713)		0.07
D71207 (621714)		2.45
D71208 (621715)		2.41
D71209 (621716)		2.39
D71210 (621717)		2.40
D71211 (621718)		2.40
D71212 (621719)		0.62
D71213 (621720)		2.38
D71214 (621721)		2.32
D71215 (621722)		2.33
D71216 (621723)		2.46
D71217 (621724)		2.46
D71218 (621725)		2.46
D71219 (621726)		2.42
D71220 (621727)		2.20
D71221 (621728)		2.41
D71222 (621729)		2.31
D71223 (621730)		2.40
D71224 (621731)		2.44
D71225 (621732)		2.45
D71226 (621733)		0.07
D71227 (621734)		3.34
D71228 (621735)		2.98
D71229 (621736)		2.59
D71230 (621737)		2.64
D71231 (621738)		3.21

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T531398

PROJECT: AGAT00817

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Oct 15, 2019      DATE RECEIVED: Oct 15, 2019      DATE REPORTED: Oct 31, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D71232 (621739)		0.68
D71233 (621740)		3.55
D71234 (621741)		3.33
D71235 (621742)		3.30
D71236 (621743)		3.47
D71237 (621744)		3.40
D71238 (621745)		3.40
D71239 (621746)		2.74
D71240 (621747)		1.62
D71241 (621748)		2.34
D71242 (621749)		1.97

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T531398

PROJECT: AGAT00817

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 15, 2019	DATE RECEIVED: Oct 15, 2019							DATE REPORTED: Oct 31, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D71170 (621677)	6.4	7.50	1	438	1.4	<1	2.11	0.7	36	9.3	29.5	59.0	3.16	21	
D71171 (621678)	0.8	7.80	<1	326	1.3	<1	2.39	<0.5	50	6.2	29.7	26.5	3.56	21	
D71172 (621679)	<0.5	0.07	<1	22	<0.5	<1	30.4	<0.5	<1	<0.5	13.6	1.3	0.14	<5	
D71173 (621680)	0.6	7.52	<1	299	1.1	<1	2.22	<0.5	46	5.3	16.0	16.1	3.11	19	
D71174 (621681)	0.7	7.53	<1	316	1.3	<1	2.25	<0.5	52	5.0	21.5	22.0	3.03	20	
D71175 (621682)	0.5	7.20	<1	346	1.2	<1	2.24	<0.5	58	5.6	31.3	26.6	2.78	20	
D71176 (621683)	0.6	7.31	3	373	1.4	<1	2.88	<0.5	137	5.5	21.1	4.5	3.22	19	
D71177 (621684)	0.6	7.38	1	342	1.1	<1	2.34	<0.5	74	5.6	24.1	6.0	2.98	20	
D71178 (621685)	0.6	7.60	<1	361	1.1	<1	2.41	<0.5	77	5.6	23.9	6.0	3.09	19	
D71179 (621686)	0.5	7.41	<1	389	1.2	<1	2.20	<0.5	61	5.3	22.2	5.5	2.88	20	
D71180 (621687)	0.5	7.60	1	423	1.5	<1	2.33	<0.5	49	8.0	41.7	28.7	3.41	20	
D71181 (621688)	0.5	7.44	<1	290	1.2	<1	2.41	<0.5	45	5.7	20.0	16.7	3.08	20	
D71182 (621689)	0.5	7.61	<1	294	1.0	<1	2.22	<0.5	47	5.7	20.5	16.6	3.12	20	
D71183 (621690)	0.6	7.60	<1	309	1.4	<1	2.33	<0.5	47	5.5	32.3	10.0	3.13	19	
D71184 (621691)	0.6	7.58	1	297	2.2	<1	2.18	<0.5	50	5.7	30.7	18.4	3.13	20	
D71185 (621692)	0.6	6.76	<1	365	4.1	<1	2.25	<0.5	56	7.8	52.1	30.4	3.00	20	
D71186 (621693)	<0.5	7.25	<1	141	0.8	<1	6.69	<0.5	9	36.1	151	169	7.52	20	
D71187 (621694)	0.6	7.55	<1	318	2.0	<1	2.19	<0.5	53	5.1	26.3	4.4	2.83	20	
D71188 (621695)	0.6	7.61	1	336	1.4	<1	2.46	<0.5	50	7.4	29.8	42.2	3.12	20	
D71189 (621696)	<0.5	7.90	<1	191	1.3	<1	4.74	<0.5	37	23.5	168	23.8	5.56	21	
D71190 (621697)	<0.5	7.42	<1	297	1.5	<1	2.27	<0.5	59	5.9	34.5	10.5	3.11	19	
D71191 (621698)	0.6	7.55	<1	422	1.9	<1	1.84	<0.5	53	5.5	28.3	3.2	3.03	20	
D71192 (621699)	<0.5	0.33	<1	43	<0.5	<1	34.6	<0.5	<1	<0.5	13.1	1.6	0.17	<5	
D71193 (621700)	0.5	7.22	<1	293	1.1	<1	2.11	<0.5	51	5.1	18.2	7.3	2.79	18	
D71194 (621701)	0.6	7.48	<1	415	1.5	<1	2.43	<0.5	51	5.5	20.9	36.4	2.85	20	
D71195 (621702)	0.6	7.89	<1	405	1.1	<1	2.00	<0.5	35	3.6	16.4	21.1	1.92	21	
D71196 (621703)	0.7	7.70	2	340	1.9	<1	2.26	<0.5	50	5.2	19.2	25.3	2.92	19	
D71197 (621704)	0.9	7.64	<1	351	1.5	<1	2.38	<0.5	48	5.4	26.3	37.1	2.80	20	
D71198 (621705)	0.8	7.72	<1	334	1.8	<1	2.39	<0.5	48	5.7	18.5	38.1	2.85	19	
D71199 (621706)	0.6	7.55	<1	399	1.4	<1	2.20	<0.5	54	4.4	17.1	7.4	2.47	20	
D71200 (621707)	<0.5	8.17	1	596	1.1	<1	1.64	<0.5	21	2.1	12.3	13.5	1.28	23	
D71201 (621708)	<0.5	7.87	<1	398	1.1	<1	1.58	<0.5	19	2.2	15.7	10.9	1.23	21	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T531398

PROJECT: AGAT00817

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 15, 2019	DATE RECEIVED: Oct 15, 2019							DATE REPORTED: Oct 31, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D71202 (621709)	0.6	7.70	<1	342	1.3	<1	1.95	<0.5	36	5.5	20.2	31.2	2.13	22	
D71203 (621710)	<0.5	8.06	1	377	1.1	<1	1.85	<0.5	19	3.5	20.9	3.2	1.34	22	
D71204 (621711)	0.8	6.51	2	287	1.5	<1	3.03	0.7	40	29.0	388	189	5.40	21	
D71205 (621712)	<0.5	7.72	<1	173	1.6	<1	5.97	<0.5	18	41.0	92.2	90.2	7.60	22	
D71206 (621713)	<0.5	7.72	<1	195	1.3	<1	6.49	<0.5	22	39.5	157	123	7.52	22	
D71207 (621714)	<0.5	7.83	<1	45	0.8	<1	6.65	<0.5	10	42.9	85.5	90.0	8.20	24	
D71208 (621715)	<0.5	7.69	<1	56	0.8	<1	7.36	<0.5	11	42.6	82.8	116	8.26	22	
D71209 (621716)	<0.5	8.08	<1	249	0.8	<1	7.55	<0.5	13	44.1	126	92.1	8.22	23	
D71210 (621717)	<0.5	5.64	<1	97	0.6	<1	5.96	<0.5	11	31.5	64.4	56.0	5.94	17	
D71211 (621718)	<0.5	7.84	1	64	0.8	<1	8.05	<0.5	10	42.9	98.9	91.4	8.18	24	
D71212 (621719)	<0.5	0.06	<1	27	<0.5	<1	32.0	<0.5	<1	0.5	4.4	1.3	0.14	<5	
D71213 (621720)	<0.5	8.02	<1	85	0.7	<1	7.97	<0.5	10	43.5	86.5	88.6	8.34	22	
D71214 (621721)	<0.5	7.81	<1	39	0.7	<1	7.69	<0.5	10	43.0	87.2	59.9	7.89	23	
D71215 (621722)	<0.5	7.78	<1	38	0.7	<1	8.06	<0.5	9	41.9	96.1	88.4	8.23	22	
D71216 (621723)	<0.5	8.07	<1	41	0.8	<1	7.81	<0.5	10	42.8	105	123	8.10	23	
D71217 (621724)	<0.5	7.79	<1	39	0.7	<1	7.67	<0.5	9	45.1	103	80.7	8.12	24	
D71218 (621725)	<0.5	7.63	<1	33	0.7	<1	7.32	<0.5	9	44.2	110	76.3	7.73	23	
D71219 (621726)	<0.5	7.90	<1	44	0.8	<1	8.52	<0.5	9	43.3	110	93.6	8.77	22	
D71220 (621727)	<0.5	7.88	<1	104	0.7	<1	7.35	<0.5	10	42.2	84.7	97.8	8.54	22	
D71221 (621728)	<0.5	7.77	<1	175	0.9	<1	6.94	<0.5	10	44.3	86.4	76.7	8.14	23	
D71222 (621729)	<0.5	7.30	<1	354	2.2	<1	6.08	<0.5	29	41.9	169	155	7.16	21	
D71223 (621730)	<0.5	7.89	<1	129	1.1	<1	7.42	<0.5	18	42.6	133	93.5	8.24	21	
D71224 (621731)	<0.5	8.33	<1	167	0.8	<1	7.45	2.6	10	48.3	116	126	8.40	24	
D71225 (621732)	<0.5	7.72	1	120	0.7	<1	8.18	0.6	9	42.1	103	120	8.13	23	
D71226 (621733)	<0.5	7.52	2	188	1.3	<1	6.72	<0.5	21	34.4	163	122	8.02	22	
D71227 (621734)	<0.5	7.93	<1	288	1.2	<1	3.37	0.6	25	19.8	45.0	106	3.57	23	
D71228 (621735)	<0.5	8.50	<1	318	1.1	<1	3.38	<0.5	26	9.4	29.5	41.5	2.85	23	
D71229 (621736)	<0.5	8.42	<1	239	0.9	<1	3.13	<0.5	21	6.1	25.0	7.8	2.61	21	
D71230 (621737)	<0.5	8.54	<1	304	0.9	<1	3.56	<0.5	22	9.1	26.7	53.4	3.13	23	
D71231 (621738)	0.6	8.01	<1	644	2.0	<1	5.35	<0.5	69	29.1	230	116	6.24	23	
D71232 (621739)	<0.5	0.12	<1	103	<0.5	<1	29.5	<0.5	<1	0.7	9.2	3.4	0.21	<5	
D71233 (621740)	<0.5	6.95	2	255	1.3	<1	5.49	<0.5	25	34.4	123	96.3	8.85	26	

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## Certificate of Analysis

AGAT WORK ORDER: 19T531398

PROJECT: AGAT00817

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 15, 2019	DATE RECEIVED: Oct 15, 2019							DATE REPORTED: Oct 31, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D71234 (621741)	<0.5	7.49	<1	173	1.6	<1	6.60	<0.5	21	35.5	75.7	86.1	9.76	28	
D71235 (621742)	<0.5	7.65	<1	145	1.1	<1	7.37	<0.5	11	38.9	53.7	99.9	10.7	25	
D71236 (621743)	<0.5	7.59	<1	186	1.2	<1	6.81	<0.5	12	38.3	60.6	105	11.7	29	
D71237 (621744)	<0.5	7.62	<1	146	1.1	<1	7.02	<0.5	14	37.7	90.6	131	11.2	28	
D71238 (621745)	<0.5	7.49	<1	140	1.2	<1	6.35	<0.5	12	44.5	91.5	128	10.1	29	
D71239 (621746)	<0.5	7.16	<1	334	1.5	<1	6.63	<0.5	16	39.6	167	61.9	9.38	27	
D71240 (621747)	<0.5	7.24	<1	145	1.0	<1	7.56	<0.5	9	46.8	77.3	301	11.0	26	
D71241 (621748)	<0.5	7.53	<1	134	1.1	<1	6.92	<0.5	9	47.0	55.2	39.6	10.5	22	
D71242 (621749)	<0.5	7.54	<1	98	0.9	<1	7.17	<0.5	10	46.7	67.7	68.2	10.5	26	

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DATE SAMPLED: Oct 15, 2019	DATE RECEIVED: Oct 15, 2019					DATE REPORTED: Oct 31, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D71170 (621677)	<1	1.35	15	20	0.79	670	6.5	3.10	15.1	321	<20	85	0.38	<1	
D71171 (621678)	<1	1.28	22	24	0.76	614	9.6	2.76	6.6	474	<20	73	0.13	<1	
D71172 (621679)	<1	0.01	<2	1	1.36	101	2.4	0.03	<0.5	82	<20	<50	0.07	<1	
D71173 (621680)	<1	1.22	19	26	0.70	707	5.1	2.74	5.2	440	<20	70	0.08	<1	
D71174 (621681)	<1	1.22	23	23	0.60	591	4.9	2.90	6.6	377	<20	86	0.12	<1	
D71175 (621682)	<1	1.26	27	16	0.60	559	6.5	2.90	7.4	384	<20	89	0.11	<1	
D71176 (621683)	<1	1.18	73	25	0.76	1040	5.6	3.41	7.1	1160	<20	76	0.04	<1	
D71177 (621684)	<1	1.18	34	17	0.68	655	5.3	3.09	7.3	511	<20	83	0.02	<1	
D71178 (621685)	<1	1.24	34	19	0.71	677	4.9	3.21	7.4	512	<20	88	0.03	<1	
D71179 (621686)	<1	1.16	28	13	0.60	584	5.6	3.16	7.6	438	<20	75	0.02	<1	
D71180 (621687)	<1	1.52	21	20	0.99	609	5.4	2.83	24.5	425	<20	103	0.05	<1	
D71181 (621688)	<1	1.18	19	19	0.64	634	5.1	3.17	6.4	437	<20	77	0.04	<1	
D71182 (621689)	<1	1.10	20	20	0.67	623	4.7	3.14	6.6	455	<20	74	0.03	<1	
D71183 (621690)	<1	1.12	20	19	0.65	627	7.5	3.39	7.0	425	<20	77	0.03	<1	
D71184 (621691)	<1	1.14	21	16	0.68	594	8.4	3.45	8.7	391	<20	83	0.05	<1	
D71185 (621692)	<1	1.30	25	18	0.97	569	5.9	3.14	19.5	486	<20	93	0.04	<1	
D71186 (621693)	<1	0.19	3	12	4.46	1410	1.8	2.28	81.4	390	<20	<50	0.17	<1	
D71187 (621694)	<1	1.21	23	18	0.60	558	6.5	3.47	8.1	374	<20	89	0.01	<1	
D71188 (621695)	<1	1.11	22	15	0.91	620	4.8	3.34	16.5	373	<20	75	0.04	<1	
D71189 (621696)	<1	1.22	15	20	3.28	1140	4.8	2.77	103	791	<20	63	0.03	<1	
D71190 (621697)	<1	1.13	25	16	0.80	645	5.6	3.01	13.2	514	<20	79	0.02	<1	
D71191 (621698)	<1	1.46	23	15	0.62	493	6.2	3.19	11.2	332	<20	93	0.02	<1	
D71192 (621699)	<1	0.14	2	1	1.84	133	1.8	0.16	<0.5	78	<20	<50	0.08	1	
D71193 (621700)	<1	1.12	22	17	0.56	570	6.0	2.84	6.9	331	<20	75	0.03	<1	
D71194 (621701)	<1	1.31	22	14	0.59	578	6.0	3.18	7.6	354	<20	86	0.12	<1	
D71195 (621702)	<1	1.61	15	13	0.44	368	4.3	3.44	5.6	347	<20	85	0.13	<1	
D71196 (621703)	<1	1.29	21	17	0.73	523	6.5	3.03	6.6	339	<20	82	0.33	<1	
D71197 (621704)	<1	0.96	22	13	0.62	623	5.4	2.87	6.4	368	<20	60	0.83	<1	
D71198 (621705)	<1	0.96	21	13	0.62	623	6.0	2.89	6.8	363	<20	61	0.83	<1	
D71199 (621706)	<1	1.03	24	20	0.51	500	5.8	2.91	6.4	471	<20	74	0.10	<1	
D71200 (621707)	<1	1.60	9	7	0.31	180	5.4	3.68	3.4	205	<20	73	0.14	<1	
D71201 (621708)	<1	1.28	9	3	0.27	166	6.3	3.98	3.7	236	<20	59	0.09	<1	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 15, 2019	DATE RECEIVED: Oct 15, 2019					DATE REPORTED: Oct 31, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D71202 (621709)	<1	1.10	15	11	0.46	385	4.9	3.18	16.3	257	<20	71	0.26	<1	
D71203 (621710)	<1	1.73	8	8	0.44	260	4.3	3.53	11.1	254	<20	88	0.02	<1	
D71204 (621711)	<1	0.91	17	14	1.30	1260	6.3	2.08	182	427	<20	62	1.30	<1	
D71205 (621712)	<1	0.75	7	23	3.57	1260	4.2	1.94	84.5	346	<20	<50	0.39	<1	
D71206 (621713)	<1	0.43	10	11	4.59	1390	1.9	2.37	112	892	<20	<50	0.11	<1	
D71207 (621714)	<1	0.25	4	13	4.20	1340	5.4	1.93	47.1	314	<20	<50	0.11	<1	
D71208 (621715)	<1	0.21	5	13	3.86	1390	13.7	1.55	45.9	332	<20	<50	0.12	<1	
D71209 (621716)	<1	0.21	6	17	3.85	1530	5.1	1.83	52.2	383	<20	<50	0.13	<1	
D71210 (621717)	<1	0.13	5	10	2.62	1130	3.5	1.40	36.7	282	<20	<50	0.06	<1	
D71211 (621718)	<1	0.25	4	15	3.72	1580	4.8	1.85	50.6	328	<20	<50	0.11	<1	
D71212 (621719)	<1	0.01	<2	1	1.84	108	1.9	0.03	<0.5	79	<20	<50	0.05	<1	
D71213 (621720)	<1	0.14	4	13	3.42	1600	3.2	1.95	49.9	314	<20	<50	0.13	<1	
D71214 (621721)	<1	0.12	4	15	3.64	1580	2.6	1.77	49.3	290	<20	<50	0.08	<1	
D71215 (621722)	<1	0.13	4	16	3.86	1600	4.0	1.80	50.4	289	<20	<50	0.12	<1	
D71216 (621723)	<1	0.17	4	18	4.07	1580	4.4	1.81	50.8	288	<20	<50	0.16	<1	
D71217 (621724)	<1	0.13	4	17	3.72	1560	5.0	1.85	52.8	296	<20	<50	0.11	<1	
D71218 (621725)	<1	0.12	4	14	3.67	1530	4.3	1.79	52.5	295	<20	<50	0.08	<1	
D71219 (621726)	<1	0.15	4	30	3.73	1590	4.6	2.26	52.3	275	<20	<50	0.11	<1	
D71220 (621727)	<1	0.19	4	20	3.76	1450	4.0	2.07	46.8	312	<20	<50	0.13	<1	
D71221 (621728)	<1	0.26	4	23	3.47	1400	3.8	2.12	49.8	321	<20	<50	0.17	<1	
D71222 (621729)	<1	0.45	13	34	3.76	1230	4.6	2.56	88.1	756	<20	<50	0.37	<1	
D71223 (621730)	<1	0.35	8	17	3.86	1460	6.8	2.17	68.6	466	<20	<50	0.23	<1	
D71224 (621731)	<1	0.50	4	18	3.41	1480	6.2	1.87	68.4	307	<20	52	0.30	<1	
D71225 (621732)	<1	0.52	4	13	3.76	1630	5.6	1.58	52.1	269	<20	<50	0.23	<1	
D71226 (621733)	<1	0.42	9	10	4.51	1370	2.3	2.43	105	822	<20	<50	0.10	<1	
D71227 (621734)	<1	1.59	12	18	1.05	548	7.6	2.60	37.2	475	<20	113	0.62	<1	
D71228 (621735)	<1	1.48	12	24	0.93	415	8.3	2.67	19.0	482	<20	107	0.17	<1	
D71229 (621736)	<1	1.39	10	22	0.73	410	6.8	2.31	14.5	367	<20	104	0.04	<1	
D71230 (621737)	<1	1.23	11	24	1.02	415	9.0	2.26	15.6	340	<20	109	0.25	<1	
D71231 (621738)	<1	1.15	32	24	3.93	1090	6.1	2.55	107	1550	<20	127	0.36	<1	
D71232 (621739)	<1	0.05	<2	1	1.65	106	2.1	0.05	1.3	83	<20	<50	0.12	2	
D71233 (621740)	<1	0.55	11	15	3.09	1250	5.7	1.83	56.1	719	<20	51	0.17	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T531398

PROJECT: AGAT00817

5623 McADAM ROAD  
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 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 15, 2019	DATE RECEIVED: Oct 15, 2019					DATE REPORTED: Oct 31, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D71234 (621741)	<1	0.59	8	17	2.77	1540	4.7	2.01	39.9	635	<20	<50	0.14	<1	
D71235 (621742)	<1	0.63	4	15	2.96	1700	4.0	1.67	51.6	450	<20	<50	0.21	<1	
D71236 (621743)	<1	0.50	5	20	3.33	1540	4.9	1.89	41.5	513	<20	<50	0.21	<1	
D71237 (621744)	<1	0.49	5	17	2.73	1610	5.9	1.85	46.8	516	<20	<50	0.41	<1	
D71238 (621745)	<1	0.48	5	17	2.68	1570	5.4	1.68	50.5	587	<20	<50	0.41	<1	
D71239 (621746)	<1	0.98	7	60	3.14	1460	5.2	1.80	74.7	621	<20	79	0.20	<1	
D71240 (621747)	<1	0.63	4	18	3.27	1610	6.0	1.58	68.3	393	<20	<50	1.15	<1	
D71241 (621748)	<1	0.78	3	21	4.05	1600	4.8	1.78	89.4	345	<20	<50	0.07	<1	
D71242 (621749)	<1	0.43	4	16	3.61	1780	5.5	1.09	72.9	415	<20	<50	0.13	<1	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 15, 2019	DATE RECEIVED: Oct 15, 2019					DATE REPORTED: Oct 31, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D71170 (621677)	8	<10	<5	211	<10	<10	<5	0.19	<5	<50	45.9	62	12	164	
D71171 (621678)	10	<10	<5	151	<10	<10	<5	0.24	<5	<50	25.0	<1	24	80.4	
D71172 (621679)	1	<10	<5	75	<10	<10	<5	<0.01	<5	<50	1.0	<1	2	4.5	
D71173 (621680)	9	<10	<5	145	<10	<10	<5	0.23	<5	<50	25.7	<1	26	77.8	
D71174 (621681)	9	<10	<5	154	<10	<10	<5	0.23	<5	<50	29.7	<1	23	71.3	
D71175 (621682)	9	<10	<5	140	<10	<10	<5	0.21	<5	<50	31.9	<1	25	75.0	
D71176 (621683)	9	<10	<5	304	<10	<10	<5	0.22	<5	<50	32.8	<1	29	117	
D71177 (621684)	9	<10	<5	166	<10	<10	<5	0.23	<5	<50	33.6	<1	27	77.8	
D71178 (621685)	10	<10	<5	173	<10	<10	<5	0.24	<5	<50	33.7	<1	28	81.0	
D71179 (621686)	9	<10	<5	155	<10	<10	<5	0.22	<5	<50	33.2	<1	25	76.4	
D71180 (621687)	11	<10	<5	162	<10	<10	<5	0.27	<5	<50	46.5	<1	24	74.9	
D71181 (621688)	10	<10	<5	142	<10	<10	<5	0.23	<5	<50	28.9	<1	25	70.7	
D71182 (621689)	10	<10	<5	155	<10	<10	<5	0.25	<5	<50	32.3	<1	26	78.7	
D71183 (621690)	10	<10	<5	187	<10	<10	<5	0.23	<5	<50	30.0	<1	25	80.5	
D71184 (621691)	10	<10	<5	165	<10	<10	<5	0.23	<5	<50	34.1	<1	25	77.9	
D71185 (621692)	10	<10	<5	201	<10	<10	<5	0.24	<5	<50	45.3	<1	20	64.2	
D71186 (621693)	44	<10	<5	116	<10	<10	<5	0.66	<5	<50	305	<1	21	81.6	
D71187 (621694)	9	<10	<5	146	<10	<10	<5	0.22	<5	<50	35.0	<1	26	78.1	
D71188 (621695)	10	<10	<5	150	<10	<10	<5	0.25	<5	<50	42.8	<1	26	75.0	
D71189 (621696)	22	<10	<5	159	<10	<10	<5	0.54	<5	<50	145	<1	23	103	
D71190 (621697)	10	<10	<5	155	<10	<10	<5	0.23	<5	<50	38.3	<1	31	68.4	
D71191 (621698)	9	<10	<5	161	<10	<10	<5	0.23	<5	<50	36.7	<1	20	68.8	
D71192 (621699)	1	<10	<5	85	<10	<10	<5	<0.01	<5	<50	1.2	<1	3	3.8	
D71193 (621700)	9	<10	<5	145	<10	<10	<5	0.21	<5	<50	32.1	<1	26	76.2	
D71194 (621701)	9	<10	<5	184	<10	<10	<5	0.21	<5	<50	32.7	<1	23	68.9	
D71195 (621702)	5	<10	<5	230	<10	<10	<5	0.16	<5	<50	25.7	<1	12	67.9	
D71196 (621703)	9	<10	<5	160	<10	<10	<5	0.21	<5	<50	30.3	<1	22	59.4	
D71197 (621704)	9	<10	<5	162	<10	<10	<5	0.22	<5	<50	32.3	<1	26	91.3	
D71198 (621705)	9	<10	<5	162	<10	<10	<5	0.22	<5	<50	31.6	<1	26	88.3	
D71199 (621706)	7	<10	<5	251	<10	<10	<5	0.20	<5	<50	30.9	<1	20	76.8	
D71200 (621707)	3	<10	<5	245	<10	<10	<5	0.11	<5	<50	19.9	<1	4	52.2	
D71201 (621708)	3	<10	<5	242	<10	<10	<5	0.10	<5	<50	16.8	<1	4	38.4	

Certified By:



## Certificate of Analysis

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PROJECT: AGAT00817

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 15, 2019	DATE RECEIVED: Oct 15, 2019					DATE REPORTED: Oct 31, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D71202 (621709)	7	<10	<5	209	<10	<10	<5	0.16	<5	<50	24.7	<1	16	71.4	
D71203 (621710)	4	<10	<5	252	<10	<10	<5	0.14	<5	<50	25.0	<1	4	71.1	
D71204 (621711)	14	<10	<5	150	<10	<10	<5	0.37	<5	<50	92.7	<1	20	205	
D71205 (621712)	34	<10	<5	126	<10	<10	<5	0.42	<5	<50	215	<1	18	142	
D71206 (621713)	35	<10	<5	256	<10	<10	<5	0.87	<5	<50	251	<1	22	96.8	
D71207 (621714)	40	<10	<5	182	<10	<10	<5	0.52	<5	<50	265	<1	22	83.9	
D71208 (621715)	39	<10	<5	165	<10	<10	<5	0.49	<5	<50	253	<1	22	91.2	
D71209 (621716)	40	<10	<5	155	<10	<10	<5	0.51	<5	<50	258	<1	21	95.2	
D71210 (621717)	29	<10	<5	176	<10	<10	<5	0.39	<5	<50	191	<1	16	62.7	
D71211 (621718)	41	<10	<5	181	<10	<10	<5	0.49	<5	<50	260	<1	21	92.2	
D71212 (621719)	1	<10	<5	77	<10	<10	<5	<0.01	<5	<50	1.4	3	2	4.2	
D71213 (621720)	40	<10	<5	136	<10	<10	<5	0.52	<5	<50	257	<1	21	95.5	
D71214 (621721)	40	<10	<5	151	<10	<10	<5	0.47	<5	<50	257	<1	21	107	
D71215 (621722)	40	<10	<5	140	<10	<10	<5	0.48	<5	<50	258	<1	21	108	
D71216 (621723)	40	<10	<5	136	<10	<10	<5	0.49	<5	<50	259	<1	21	135	
D71217 (621724)	40	<10	<5	149	<10	<10	<5	0.48	<5	<50	261	<1	20	105	
D71218 (621725)	40	<10	<5	143	<10	<10	<5	0.46	<5	<50	261	<1	20	87.3	
D71219 (621726)	40	<10	<5	168	<10	<10	<5	0.50	<5	<50	258	<1	21	101	
D71220 (621727)	40	<10	<5	133	<10	<10	<5	0.51	<5	<50	261	<1	21	88.8	
D71221 (621728)	42	<10	<5	125	<10	<10	<5	0.49	<5	<50	265	<1	22	111	
D71222 (621729)	34	<10	<5	301	<10	<10	<5	0.45	<5	<50	212	<1	19	120	
D71223 (621730)	37	<10	<5	217	<10	<10	<5	0.50	<5	<50	245	<1	20	110	
D71224 (621731)	42	<10	<5	180	<10	<10	<5	0.51	<5	<50	275	<1	21	505	
D71225 (621732)	38	<10	<5	192	<10	<10	<5	0.47	<5	<50	246	<1	20	170	
D71226 (621733)	34	<10	<5	264	<10	<10	<5	0.89	<5	<50	246	<1	22	93.6	
D71227 (621734)	8	<10	<5	257	<10	<10	<5	0.23	<5	<50	60.9	<1	8	168	
D71228 (621735)	7	<10	<5	337	<10	<10	<5	0.25	<5	<50	55.3	<1	6	116	
D71229 (621736)	5	<10	<5	231	<10	<10	<5	0.23	<5	<50	44.8	<1	4	68.4	
D71230 (621737)	6	<10	<5	238	<10	<10	<5	0.24	<5	<50	54.2	<1	6	57.2	
D71231 (621738)	21	<10	<5	670	<10	<10	<5	0.66	<5	<50	162	<1	18	103	
D71232 (621739)	1	<10	<5	77	<10	<10	<5	<0.01	<5	<50	1.8	<1	2	5.7	
D71233 (621740)	36	<10	<5	271	<10	<10	<5	0.75	<5	<50	288	<1	24	111	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T531398

PROJECT: AGAT00817

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 15, 2019	DATE RECEIVED: Oct 15, 2019					DATE REPORTED: Oct 31, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D71234 (621741)	41	<10	<5	228	<10	<10	<5	0.81	<5	<50	322	<1	26	125	
D71235 (621742)	39	<10	<5	173	<10	<10	<5	0.81	<5	<50	306	<1	26	112	
D71236 (621743)	42	<10	<5	259	<10	<10	<5	0.94	<5	<50	338	<1	28	144	
D71237 (621744)	42	<10	<5	154	<10	<10	<5	0.93	<5	<50	342	<1	28	143	
D71238 (621745)	42	<10	<5	139	<10	<10	<5	0.85	<5	<50	333	<1	27	138	
D71239 (621746)	39	<10	<5	262	<10	<10	<5	0.75	<5	<50	295	<1	25	122	
D71240 (621747)	35	<10	<5	168	<10	<10	<5	0.73	<5	<50	272	<1	22	121	
D71241 (621748)	35	<10	<5	142	<10	<10	<5	0.64	<5	<50	257	<1	22	120	
D71242 (621749)	36	<10	<5	150	<10	<10	<5	0.76	<5	<50	288	<1	24	111	

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ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 15, 2019      DATE RECEIVED: Oct 15, 2019      DATE REPORTED: Oct 31, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D71170 (621677)				111
D71171 (621678)				180
D71172 (621679)				<5
D71173 (621680)				165
D71174 (621681)				159
D71175 (621682)				145
D71176 (621683)				154
D71177 (621684)				165
D71178 (621685)				158
D71179 (621686)				153
D71180 (621687)				149
D71181 (621688)				155
D71182 (621689)				149
D71183 (621690)				151
D71184 (621691)				171
D71185 (621692)				147
D71186 (621693)				46
D71187 (621694)				162
D71188 (621695)				161
D71189 (621696)				63
D71190 (621697)				149
D71191 (621698)				144
D71192 (621699)				5
D71193 (621700)				156
D71194 (621701)				153
D71195 (621702)				125
D71196 (621703)				185
D71197 (621704)				170
D71198 (621705)				180
D71199 (621706)				147
D71200 (621707)				83
D71201 (621708)				85

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(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 15, 2019      DATE RECEIVED: Oct 15, 2019      DATE REPORTED: Oct 31, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D71202 (621709)				141
D71203 (621710)				84
D71204 (621711)				114
D71205 (621712)				47
D71206 (621713)				91
D71207 (621714)				18
D71208 (621715)				13
D71209 (621716)				15
D71210 (621717)				10
D71211 (621718)				13
D71212 (621719)				<5
D71213 (621720)				13
D71214 (621721)				12
D71215 (621722)				12
D71216 (621723)				13
D71217 (621724)				12
D71218 (621725)				12
D71219 (621726)				14
D71220 (621727)				13
D71221 (621728)				15
D71222 (621729)				59
D71223 (621730)				27
D71224 (621731)				12
D71225 (621732)				12
D71226 (621733)				88
D71227 (621734)				80
D71228 (621735)				85
D71229 (621736)				84
D71230 (621737)				62
D71231 (621738)				148
D71232 (621739)				<5
D71233 (621740)				50

Certified By:



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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 15, 2019      DATE RECEIVED: Oct 15, 2019      DATE REPORTED: Oct 31, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D71234 (621741)				29
D71235 (621742)				13
D71236 (621743)				18
D71237 (621744)				14
D71238 (621745)				16
D71239 (621746)				27
D71240 (621747)				16
D71241 (621748)				19
D71242 (621749)				14

Comments: RDL - Reported Detection Limit  
 621677-621749 As, Sb values may be low due to digestion losses.  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

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PROJECT: AGAT00817

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm) - MISSISSAUGA

DATE SAMPLED: Oct 15, 2019

DATE RECEIVED: Oct 15, 2019

DATE REPORTED: Oct 31, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D71170 (621677)			0.010
D71171 (621678)			0.001
D71172 (621679)			0.003
D71173 (621680)			0.003
D71174 (621681)			0.002
D71175 (621682)			0.003
D71176 (621683)			0.066
D71177 (621684)			0.002
D71178 (621685)			0.001
D71179 (621686)			0.001
D71180 (621687)			0.002
D71181 (621688)			0.001
D71182 (621689)			0.002
D71183 (621690)			0.003
D71184 (621691)			0.033
D71185 (621692)			0.003
D71186 (621693)			0.513
D71187 (621694)			0.002
D71188 (621695)			0.003
D71189 (621696)			0.004
D71190 (621697)			0.002
D71191 (621698)			0.001
D71192 (621699)			<0.001
D71193 (621700)			0.001
D71194 (621701)			0.003
D71195 (621702)			0.001
D71196 (621703)			0.010
D71197 (621704)			0.003
D71198 (621705)			0.004
D71199 (621706)			0.001
D71200 (621707)			0.005
D71201 (621708)			0.004

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T531398

PROJECT: AGAT00817

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm) - MISSISSAUGA

DATE SAMPLED: Oct 15, 2019      DATE RECEIVED: Oct 15, 2019      DATE REPORTED: Oct 31, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D71202 (621709)			0.004
D71203 (621710)			0.001
D71204 (621711)			0.010
D71205 (621712)			0.005
D71206 (621713)			0.332
D71207 (621714)			0.011
D71208 (621715)			0.007
D71209 (621716)			0.004
D71210 (621717)			0.004
D71211 (621718)			0.004
D71212 (621719)			0.001
D71213 (621720)			0.003
D71214 (621721)			0.003
D71215 (621722)			0.004
D71216 (621723)			0.004
D71217 (621724)			0.003
D71218 (621725)			0.003
D71219 (621726)			0.005
D71220 (621727)			0.004
D71221 (621728)			0.003
D71222 (621729)			0.005
D71223 (621730)			0.005
D71224 (621731)			0.004
D71225 (621732)			0.003
D71226 (621733)			0.333
D71227 (621734)			0.005
D71228 (621735)			0.002
D71229 (621736)			<0.001
D71230 (621737)			0.002
D71231 (621738)			0.003
D71232 (621739)			<0.001
D71233 (621740)			0.002

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T531398

PROJECT: AGAT00817

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm) - MISSISSAUGA

DATE SAMPLED: Oct 15, 2019

DATE RECEIVED: Oct 15, 2019

DATE REPORTED: Oct 31, 2019

SAMPLE TYPE: Drill Core

Analyte:	Unit:	RDL:
Au	ppm	0.001
Sample ID (AGAT ID)		
D71234 (621741)		0.027
D71235 (621742)		0.002
D71236 (621743)		0.003
D71237 (621744)		0.008
D71238 (621745)		0.003
D71239 (621746)		0.004
D71240 (621747)		0.010
D71241 (621748)		0.005
D71242 (621749)		0.003

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T531398

PROJECT: AGAT00817

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Crushing)

DATE SAMPLED: Oct 15, 2019

DATE RECEIVED: Oct 15, 2019

DATE REPORTED: Oct 31, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D71170 (621677)		80.37
D71189 (621696)		82.68
D71209 (621716)		85.09
D71229 (621736)		84.43

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T531398

PROJECT: AGAT00817

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Oct 15, 2019

DATE RECEIVED: Oct 15, 2019

DATE REPORTED: Oct 31, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D71170 (621677)		98
D71195 (621702)		94
D71223 (621730)		94

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	621677	6.40	6.78	5.8%	621691	0.6	0.6	0.0%	621702	0.57	0.49	15.1%	621716	< 0.5	< 0.5	0.0%
Al	621677	7.50	7.58	1.1%	621691	7.58	7.43	2.0%	621702	7.89	7.86	0.4%	621716	8.08	7.71	4.7%
As	621677	1	< 1		621691	1	< 1		621702	< 1	< 1	0.0%	621716	< 1	< 1	0.0%
Ba	621677	438	430	1.8%	621691	297	322	8.1%	621702	405	403	0.5%	621716	249	228	8.8%
Be	621677	1.38	1.34	2.9%	621691	2.17	2.13	1.9%	621702	1.1	1.7	42.9%	621716	0.8	0.8	0.0%
Bi	621677	< 1	< 1	0.0%	621691	< 1	< 1	0.0%	621702	< 1	< 1	0.0%	621716	< 1	< 1	0.0%
Ca	621677	2.11	2.05	2.9%	621691	2.18	2.14	1.9%	621702	2.00	1.97	1.5%	621716	7.55	7.65	1.3%
Cd	621677	0.71	0.53	29.0%	621691	< 0.5	< 0.5	0.0%	621702	< 0.5	< 0.5	0.0%	621716	< 0.5	< 0.5	0.0%
Ce	621677	36	34	5.7%	621691	50	50	0.0%	621702	35	36	2.8%	621716	13	13	0.0%
Co	621677	9.3	9.5	2.1%	621691	5.7	5.8	1.7%	621702	3.59	4.08	12.8%	621716	44.1	42.0	4.9%
Cr	621677	29.5	26.6	10.3%	621691	30.7	35.0	13.1%	621702	16.4	20.2	20.8%	621716	126	96.1	26.9%
Cu	621677	59.0	68.2	14.5%	621691	18.4	18.3	0.5%	621702	21.1	21.8	3.3%	621716	92.1	90.0	2.3%
Fe	621677	3.16	3.25	2.8%	621691	3.13	3.05	2.6%	621702	1.92	1.97	2.6%	621716	8.22	7.90	4.0%
Ga	621677	21	20	4.9%	621691	20	20	0.0%	621702	21	22	4.7%	621716	23	23	0.0%
In	621677	< 1	< 1	0.0%	621691	< 1	< 1	0.0%	621702	< 1	< 1	0.0%	621716	< 1	< 1	0.0%
K	621677	1.35	1.36	0.7%	621691	1.14	1.11	2.7%	621702	1.61	1.61	0.0%	621716	0.21	0.20	4.9%
La	621677	15	14	6.9%	621691	21	21	0.0%	621702	15	15	0.0%	621716	6	6	0.0%
Li	621677	20	21	4.9%	621691	16	17	6.1%	621702	13	13	0.0%	621716	17	15	12.5%
Mg	621677	0.787	0.784	0.4%	621691	0.68	0.67	1.5%	621702	0.441	0.499	12.3%	621716	3.85	3.67	4.8%
Mn	621677	670	670	0.0%	621691	594	578	2.7%	621702	368	431	15.8%	621716	1530	1470	4.0%
Mo	621677	6.5	8.0	20.7%	621691	8.44	8.49	0.6%	621702	4.3	4.9	13.0%	621716	5.1	4.8	6.1%
Na	621677	3.10	3.06	1.3%	621691	3.45	3.36	2.6%	621702	3.44	3.14	9.1%	621716	1.83	1.85	1.1%
Ni	621677	15.1	14.3	5.4%	621691	8.7	8.9	2.3%	621702	5.60	5.99	6.7%	621716	52.2	50.1	4.1%
P	621677	321	312	2.8%	621691	391	392	0.3%	621702	347	372	7.0%	621716	383	390	1.8%
Pb	621677	< 20	< 20	0.0%	621691	< 20	< 20	0.0%	621702	< 20	< 20	0.0%	621716	< 20	< 20	0.0%
Rb	621677	85	87	2.3%	621691	83	79	4.9%	621702	85	79	7.3%	621716	< 50	< 50	0.0%
S	621677	0.377	0.358	5.2%	621691	0.05	0.05	0.0%	621702	0.132	0.137	3.7%	621716	0.13	0.11	16.7%
Sb	621677	< 1	< 1	0.0%	621691	< 1	< 1	0.0%	621702	< 1	< 1	0.0%	621716	< 1	< 1	0.0%
Sc	621677	8	8	0.0%	621691	10	9	10.5%	621702	5	6	18.2%	621716	40	39	2.5%
Se	621677	< 10	< 10	0.0%	621691	< 10	< 10	0.0%	621702	< 10	< 10	0.0%	621716	< 10	< 10	0.0%
Sn	621677	< 5	< 5	0.0%	621691	< 5	< 5	0.0%	621702	< 5	< 5	0.0%	621716	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	621677	211	207	1.9%	621691	165	160	3.1%	621702	230	211	8.6%	621716	155	154	0.6%
Ta	621677	< 10	< 10	0.0%	621691	< 10	< 10	0.0%	621702	< 10	< 10	0.0%	621716	< 10	< 10	0.0%
Te	621677	< 10	< 10	0.0%	621691	< 10	< 10	0.0%	621702	< 10	< 10	0.0%	621716	< 10	< 10	0.0%
Th	621677	< 5	< 5	0.0%	621691	< 5	< 5	0.0%	621702	< 5	< 5	0.0%	621716	< 5	< 5	0.0%
Ti	621677	0.19	0.19	0.0%	621691	0.229	0.225	1.8%	621702	0.16	0.16	0.0%	621716	0.508	0.517	1.8%
Tl	621677	< 5	< 5	0.0%	621691	< 5	< 5	0.0%	621702	< 5	< 5	0.0%	621716	< 5	< 5	0.0%
U	621677	< 50	< 50	0.0%	621691	< 50	< 50	0.0%	621702	< 50	< 50	0.0%	621716	< 50	< 50	0.0%
V	621677	45.9	43.9	4.5%	621691	34.1	34.1	0.0%	621702	25.7	27.3	6.0%	621716	258	256	0.8%
W	621677	62	65	4.7%	621691	< 1	< 1	0.0%	621702	< 1	< 1	0.0%	621716	< 1	< 1	0.0%
Y	621677	12	12	0.0%	621691	25	25	0.0%	621702	12	12	0.0%	621716	21	21	0.0%
Zn	621677	164	164	0.0%	621691	77.9	84.2	7.8%	621702	67.9	69.4	2.2%	621716	95.2	86.2	9.9%
Zr	621677	111	109	1.8%	621691	171	167	2.4%	621702	125	119	4.9%	621716	15	14	6.9%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	621727	< 0.5	< 0.5	0.0%	621741	< 0.5	< 0.5	0.0%								
Al	621727	7.88	7.90	0.3%	621741	7.49	7.61	1.6%								
As	621727	< 1	< 1	0.0%	621741	< 1	< 1	0.0%								
Ba	621727	104	109	4.7%	621741	173	164	5.3%								
Be	621727	0.7	0.7	0.0%	621741	1.6	1.5	6.5%								
Bi	621727	< 1	< 1	0.0%	621741	< 1	< 1	0.0%								
Ca	621727	7.35	7.35	0.0%	621741	6.60	6.75	2.2%								
Cd	621727	< 0.5	< 0.5	0.0%	621741	< 0.5	< 0.5	0.0%								
Ce	621727	10	10	0.0%	621741	21	20	4.9%								
Co	621727	42.2	41.3	2.2%	621741	35.5	33.9	4.6%								
Cr	621727	84.7	80.7	4.8%	621741	75.7	64.8	15.5%								
Cu	621727	97.8	99.0	1.2%	621741	86.1	83.5	3.1%								
Fe	621727	8.54	8.52	0.2%	621741	9.76	10.0	2.4%								
Ga	621727	22	23	4.4%	621741	28	27	3.6%								
In	621727	< 1	< 1	0.0%	621741	< 1	< 1	0.0%								
K	621727	0.19	0.19	0.0%	621741	0.591	0.597	1.0%								
La	621727	4	4	0.0%	621741	8	8	0.0%								
Li	621727	20	21	4.9%	621741	17	17	0.0%								
Mg	621727	3.76	3.76	0.0%	621741	2.77	2.82	1.8%								
Mn	621727	1450	1450	0.0%	621741	1540	1560	1.3%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	621727	3.97	3.45	14.0%	621741	4.7	4.7	0.0%								
Na	621727	2.07	2.09	1.0%	621741	2.01	2.05	2.0%								
Ni	621727	46.8	46.4	0.9%	621741	39.9	38.2	4.4%								
P	621727	312	294	5.9%	621741	635	607	4.5%								
Pb	621727	< 20	< 20	0.0%	621741	< 20	< 20	0.0%								
Rb	621727	< 50	< 50	0.0%	621741	< 50	< 50	0.0%								
S	621727	0.13	0.13	0.0%	621741	0.14	0.13	7.4%								
Sb	621727	< 1	< 1	0.0%	621741	< 1	< 1	0.0%								
Sc	621727	40	40	0.0%	621741	41	40	2.5%								
Se	621727	< 10	< 10	0.0%	621741	< 10	< 10	0.0%								
Sn	621727	< 5	< 5	0.0%	621741	< 5	< 5	0.0%								
Sr	621727	133	133	0.0%	621741	228	235	3.0%								
Ta	621727	< 10	< 10	0.0%	621741	< 10	< 10	0.0%								
Te	621727	< 10	< 10	0.0%	621741	< 10	< 10	0.0%								
Th	621727	< 5	< 5	0.0%	621741	< 5	< 5	0.0%								
Ti	621727	0.51	0.51	0.0%	621741	0.81	0.84	3.6%								
Tl	621727	< 5	< 5	0.0%	621741	< 5	< 5	0.0%								
U	621727	< 50	< 50	0.0%	621741	< 50	< 50	0.0%								
V	621727	261	260	0.4%	621741	322	314	2.5%								
W	621727	< 1	< 1	0.0%	621741	< 1	< 1	0.0%								
Y	621727	21	21	0.0%	621741	26	26	0.0%								
Zn	621727	88.8	92.5	4.1%	621741	125	117	6.6%								
Zr	621727	13	12	8.0%	621741	29	27	7.1%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm) - MISSISSAUGA

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	621677	0.010	0.010	0.0%	621702	0.001	0.013		621716	0.004	0.004	0.0%	621727	0.004	0.006	
Parameter	REPLICATE #5															
	Sample ID	Original	Replicate	RPD												
Au	621741	0.027	0.002													



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.Till-2)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	11.31	103%	90% - 110%									8.17	8.27	101%	90% - 110%
As					26	23	90%	90% - 110%					26	26	100%	90% - 110%
Ba	340	343	101%	90% - 110%									540	527	98%	90% - 110%
Be	2.6	2.9	110%	90% - 110%									4.0	3.7	93%	90% - 110%
Ca	5.72	5.51	96%	90% - 110%									0.907	0.836	92%	90% - 110%
Ce	122	119	97%	90% - 110%									98	97	99%	90% - 110%
Co									22.1	20.9	95%	90% - 110%				
Cr					60.3	62.8	104%	90% - 110%					60.3	62.8	104%	90% - 110%
Cu					150	147	98%	90% - 110%					150	163	109%	90% - 110%
Fe	4.34	4.06	94%	90% - 110%									3.77	3.48	92%	90% - 110%
Ga	35	44	125%	90% - 110%												
K	1.37	1.44	105%	90% - 110%					2.021	2.025	100%	90% - 110%				
La	58	54	93%	90% - 110%									44	41	92%	90% - 110%
Li	37	39	106%	90% - 110%									47	47	99%	90% - 110%
Mg	0.325	0.317	98%	90% - 110%									1.10	1.08	98%	90% - 110%
Mn					780	759	97%	90% - 110%					780	759	97%	90% - 110%
Mo					14	14	101%	90% - 110%					14	14	101%	90% - 110%
Na	5.267	5.443	103%	90% - 110%									1.624	1.636	101%	90% - 110%
Ni					32	31	97%	90% - 110%					32	31	97%	90% - 110%
P					750	674	90%	90% - 110%					750	674	90%	90% - 110%
Pb					31	26	83%	90% - 110%					31	26	83%	90% - 110%
S									0.348	0.365	105%	90% - 110%				
Sc	1.1	1.1	103%	90% - 110%									12	12	102%	90% - 110%
Sr	1191	1235	104%	90% - 110%									144	148	103%	90% - 110%
Ti	0.172	0.166	97%	90% - 110%									0.53	0.44	84%	90% - 110%
V	8	8	97%	90% - 110%									77	77	100%	90% - 110%
Y	119	121	101%	90% - 110%												
Zn	93	96	103%	90% - 110%									130	126	97%	90% - 110%
Parameter	CRM #5 (ref.GTS-2a)				CRM #6 (ref.WMG-1a)				CRM #7 (ref.WMG-1a)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Al	6.96	7.02	101%	90% - 110%					4.75	5.02	106%	90% - 110%				



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

As	124	122	98%	90% - 110%											
Ba	186	187	100%	90% - 110%					216	221	102%	90% - 110%			
Ca	4.01	3.84	96%	90% - 110%					10	10	97%	90% - 110%			
Ce	24	24	100%	90% - 110%											
Co	22.1	20.9	95%	90% - 110%					191	178	93%	90% - 110%			
Cr					670	632	94%	90% - 110%	670	632	94%	90% - 110%			
Cu	88.6	96.1	108%	90% - 110%					7120	7668	108%	90% - 110%			
Fe	7.56	6.93	92%	90% - 110%					12.71	12.16	96%	90% - 110%			
K	2.021	2.025	100%	90% - 110%					0.1021	0.1079	106%	90% - 110%			
La					8.47	7.86	93%	90% - 110%	8.47	7.79	92%	90% - 110%			
Mg	2.412	2.479	103%	90% - 110%					7.41	7.95	107%	90% - 110%			
Mn	1510	1477	98%	90% - 110%											
Na	0.617	0.638	103%	90% - 110%					0.112	0.119	107%	90% - 110%			
Ni	77.1	74	96%	90% - 110%					2480	2361	95%	90% - 110%			
P	892	889	100%	90% - 110%					731	731	100%	90% - 110%			
S	0.348	0.365	105%	90% - 110%											
Sc					21.33	22.33	105%	90% - 110%	21.33	22.33	105%	90% - 110%			
Sr	92.8	93.1	100%	90% - 110%					39	39	100%	90% - 110%			
Ti					0.419	0.438	105%	90% - 110%	0.419	0.409	98%	90% - 110%			
V					158	173	110%	90% - 110%	158	177	112%	90% - 110%			
Y					12.67	13.39	106%	90% - 110%	12.67	13.39	106%	90% - 110%			
Zn	208	218	105%	90% - 110%					112	125	111%	90% - 110%			
Zr					35.7	37.9	106%	90% - 110%	35.7	37.9	106%	90% - 110%			

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm) - MISSISSAUGA

Parameter	CRM #1 (ref.GSP5G)				CRM #2 (ref.GS4H)				CRM #3 (ref.GS4H)				CRM #4 (ref.GSP7M)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.562	0.525	93%	90% - 110%	5.01	4.96	99%	90% - 110%	5.01	5.08	101%	90% - 110%	0.725	0.737	102%	90% - 110%



## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED

AGAT WORK ORDER: 19T531398

PROJECT: AGAT00817

ATTENTION TO: Craig Yuill

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00821

AGAT WORK ORDER: 19T532015

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Nov 04, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



## Certificate of Analysis

AGAT WORK ORDER: 19T532015

PROJECT: AGAT00821

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Oct 16, 2019

DATE RECEIVED: Oct 17, 2019

DATE REPORTED: Nov 04, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D71243 (626096)		2.14
D71244 (626097)		2.48
D71245 (626098)		2.39
D71246 (626099)		0.07
D71247 (626100)		3.07
D71248 (626101)		3.08
D71249 (626102)		3.36
D71250 (626103)		2.52
D71251 (626104)		2.05
D71252 (626105)		0.70
D71253 (626106)		2.64
D71254 (626107)		1.62
D71255 (626108)		1.15
D71256 (626109)		3.50
D71257 (626110)		3.66
D71258 (626111)		3.66
D71259 (626112)		2.57
D71260 (626113)		3.58
D71261 (626114)		2.85
D71262 (626115)		3.63
D71263 (626116)		2.00
D71264 (626117)		2.42
D71265 (626118)		1.76
D71266 (626119)		0.07
D71267 (626120)		3.32
D71268 (626121)		3.43
D71269 (626122)		3.15
D71270 (626123)		3.30
D71271 (626124)		3.20
D71272 (626125)		0.65
D71273 (626126)		3.52

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T532015

PROJECT: AGAT00821

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Oct 16, 2019      DATE RECEIVED: Oct 17, 2019      DATE REPORTED: Nov 04, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D71274 (626127)		3.58
D71275 (626128)		3.62
D71276 (626129)		2.17
D71277 (626130)		2.15
D71278 (626131)		2.15
D71279 (626132)		1.36
D71280 (626133)		2.65
D71281 (626134)		2.13
D71282 (626135)		2.05
D71283 (626136)		2.90
D71284 (626137)		1.69
D71285 (626138)		2.82
D71286 (626139)		0.07
D71287 (626140)		2.40
D71288 (626141)		1.78
D71289 (626142)		1.77
D71290 (626143)		2.39
D71291 (626144)		2.07
D71292 (626145)		0.72
D71293 (626146)		2.45
D71294 (626147)		1.57
D71295 (626148)		1.20
D71296 (626149)		1.99
D71297 (626150)		0.95
D71298 (626151)		0.95
D71299 (626152)		1.79
D71300 (626153)		3.11
D71301 (626154)		2.58
D71302 (626155)		2.10
D71303 (626156)		3.40
D71304 (626157)		1.07

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T532015

PROJECT: AGAT00821

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Oct 16, 2019

DATE RECEIVED: Oct 17, 2019

DATE REPORTED: Nov 04, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D71305 (626158)		2.80
D71306 (626159)		0.07
D71307 (626160)		2.70
D71308 (626161)		1.56
D71309 (626162)		0.72
D71310 (626163)		1.07
D71311 (626164)		1.56
D71312 (626165)		0.56
D71313 (626166)		1.49
D71314 (626167)		3.69

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T532015

PROJECT: AGAT00821

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TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 16, 2019	DATE RECEIVED: Oct 17, 2019							DATE REPORTED: Nov 04, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D71243 (626096)	<0.5	7.66	<1	136	0.7	<1	6.54	<0.5	17	41.2	58.2	196	9.53	27	
D71244 (626097)	<0.5	7.77	<1	246	0.9	<1	7.47	<0.5	16	45.1	72.9	228	9.91	28	
D71245 (626098)	<0.5	7.24	<1	299	1.0	<1	5.84	<0.5	23	39.5	135	106	10.3	28	
D71246 (626099)	<0.5	7.39	<1	189	0.8	<1	6.15	<0.5	24	36.6	168	123	7.55	24	
D71247 (626100)	<0.5	6.95	<1	295	1.1	<1	5.66	<0.5	24	37.6	157	92.0	9.89	26	
D71248 (626101)	<0.5	7.16	<1	233	1.0	<1	5.92	<0.5	23	37.6	109	115	10.5	28	
D71249 (626102)	<0.5	7.23	<1	153	0.8	<1	5.78	<0.5	13	38.7	69.5	95.4	9.81	27	
D71250 (626103)	<0.5	7.52	<1	102	0.6	<1	6.10	<0.5	14	44.7	62.4	73.0	10.6	26	
D71251 (626104)	<0.5	6.98	<1	149	0.8	<1	6.01	<0.5	18	40.5	51.5	179	11.0	29	
D71252 (626105)	<0.5	0.08	<1	35	<0.5	<1	32.5	<0.5	<1	1.2	6.0	5.9	0.19	<5	
D71253 (626106)	<0.5	7.07	<1	175	0.7	<1	6.45	<0.5	19	34.9	33.4	112	12.1	30	
D71254 (626107)	<0.5	6.75	<1	170	0.7	<1	5.87	<0.5	23	28.7	35.3	86.2	11.3	29	
D71255 (626108)	<0.5	2.93	<1	588	2.7	<1	8.24	<0.5	209	58.2	677	143	10.3	25	
D71256 (626109)	<0.5	6.83	<1	90	0.7	<1	5.68	<0.5	22	30.3	49.3	99.7	11.5	31	
D71257 (626110)	<0.5	7.14	<1	58	0.8	<1	5.13	<0.5	21	29.2	28.6	85.1	10.9	30	
D71258 (626111)	<0.5	7.00	<1	60	0.8	<1	5.07	<0.5	21	29.7	29.2	87.2	10.8	31	
D71259 (626112)	<0.5	6.89	<1	169	0.6	<1	5.91	<0.5	21	30.5	33.6	99.0	12.0	29	
D71260 (626113)	<0.5	7.12	<1	181	0.8	<1	5.23	<0.5	21	29.0	26.2	79.3	10.3	31	
D71261 (626114)	<0.5	7.33	<1	239	0.7	<1	5.14	<0.5	22	27.5	26.3	99.1	10.1	30	
D71262 (626115)	<0.5	7.09	<1	172	0.7	<1	6.04	<0.5	21	32.1	29.4	119	11.6	31	
D71263 (626116)	<0.5	6.86	<1	292	<0.5	<1	6.29	0.5	36	31.5	34.7	55.6	10.5	27	
D71264 (626117)	<0.5	6.89	<1	193	0.7	<1	5.48	<0.5	21	30.2	28.4	71.3	11.2	31	
D71265 (626118)	<0.5	7.67	<1	381	1.1	<1	1.79	<0.5	19	4.8	16.1	19.4	2.14	21	
D71266 (626119)	<0.5	7.51	<1	191	0.8	<1	6.31	<0.5	25	39.9	185	124	7.76	24	
D71267 (626120)	<0.5	6.51	<1	126	0.8	<1	4.08	<0.5	24	23.4	19.1	90.3	9.81	29	
D71268 (626121)	<0.5	6.66	<1	83	0.6	<1	4.47	<0.5	26	25.3	16.3	67.9	11.0	31	
D71269 (626122)	<0.5	6.71	<1	55	0.6	<1	5.08	<0.5	26	24.2	20.7	54.0	11.6	32	
D71270 (626123)	<0.5	6.69	<1	114	0.7	<1	5.03	<0.5	25	23.8	19.6	58.8	10.9	30	
D71271 (626124)	<0.5	6.94	3	47	0.7	<1	5.23	<0.5	22	28.6	77.3	103	11.6	30	
D71272 (626125)	<0.5	0.27	<1	52	<0.5	<1	30.1	<0.5	<1	0.8	10.1	1.8	0.22	<5	
D71273 (626126)	<0.5	8.45	<1	124	0.7	<1	7.91	<0.5	6	40.1	256	63.9	7.30	18	
D71274 (626127)	<0.5	7.43	<1	72	0.6	<1	5.40	<0.5	19	30.9	89.2	85.5	10.5	28	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T532015

PROJECT: AGAT00821

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 16, 2019	DATE RECEIVED: Oct 17, 2019							DATE REPORTED: Nov 04, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D71275 (626128)	<0.5	6.76	<1	169	0.7	<1	5.40	<0.5	26	27.4	25.9	83.7	11.4	31	
D71276 (626129)	<0.5	6.83	<1	97	0.6	<1	5.64	<0.5	26	25.0	17.7	56.4	11.7	31	
D71277 (626130)	<0.5	6.83	<1	131	1.1	<1	5.26	<0.5	31	24.5	25.0	61.6	11.1	31	
D71278 (626131)	<0.5	6.70	<1	129	1.0	<1	5.46	<0.5	31	23.9	28.1	62.3	11.6	31	
D71279 (626132)	<0.5	6.71	<1	251	2.0	<1	5.30	<0.5	33	24.9	33.4	56.4	11.3	30	
D71280 (626133)	<0.5	6.48	<1	253	1.2	<1	5.14	<0.5	48	23.0	54.0	55.1	11.1	29	
D71281 (626134)	<0.5	4.19	14	392	2.5	<1	7.00	0.6	144	50.5	474	105	7.90	18	
D71282 (626135)	1.3	5.44	16	818	5.3	<1	6.71	<0.5	173	38.0	300	147	8.28	25	
D71283 (626136)	1.4	7.12	1	706	4.9	<1	5.31	<0.5	153	16.7	22.0	27.7	9.46	33	
D71284 (626137)	<0.5	6.44	<1	179	0.8	<1	6.33	<0.5	23	25.4	13.6	53.1	11.6	28	
D71285 (626138)	<0.5	6.60	<1	169	1.0	<1	5.52	<0.5	34	23.8	18.4	54.8	11.0	28	
D71286 (626139)	<0.5	7.31	<1	146	0.5	<1	6.55	<0.5	12	37.7	134	178	7.98	21	
D71287 (626140)	<0.5	6.74	<1	143	0.7	<1	5.18	<0.5	25	26.7	18.7	71.5	11.7	32	
D71288 (626141)	<0.5	6.81	<1	286	1.5	<1	5.93	<0.5	51	23.2	33.3	55.1	11.8	30	
D71289 (626142)	<0.5	6.51	<1	229	0.9	<1	5.02	0.6	27	23.4	16.2	58.2	10.8	30	
D71290 (626143)	<0.5	7.63	<1	492	0.9	<1	1.77	0.6	25	5.5	17.3	28.9	2.41	23	
D71291 (626144)	<0.5	6.53	<1	462	2.1	<1	4.83	0.9	27	23.4	27.5	72.0	10.3	30	
D71292 (626145)	<0.5	0.10	<1	24	<0.5	<1	30.3	<0.5	<1	0.6	11.5	2.1	0.22	<5	
D71293 (626146)	<0.5	6.25	<1	161	1.5	<1	4.83	<0.5	32	24.6	35.4	79.1	11.1	29	
D71294 (626147)	<0.5	6.90	<1	163	0.7	<1	5.43	<0.5	29	27.3	38.9	68.7	11.2	31	
D71295 (626148)	<0.5	6.87	<1	271	0.7	<1	4.83	0.5	25	24.6	16.0	81.8	11.1	31	
D71296 (626149)	<0.5	7.77	<1	294	1.2	<1	2.49	<0.5	15	5.9	13.9	25.8	2.52	23	
D71297 (626150)	<0.5	6.51	<1	260	1.1	<1	4.16	<0.5	25	26.0	39.4	63.3	10.6	28	
D71298 (626151)	<0.5	6.62	<1	251	0.9	<1	4.27	<0.5	26	26.0	26.1	63.0	10.7	28	
D71299 (626152)	<0.5	8.04	2	544	1.4	<1	2.37	<0.5	38	5.9	27.8	20.2	2.37	22	
D71300 (626153)	<0.5	6.93	<1	171	0.7	<1	4.61	<0.5	26	25.1	37.8	64.3	10.9	29	
D71301 (626154)	<0.5	7.48	<1	510	0.9	<1	2.24	<0.5	26	6.0	18.4	31.3	2.67	22	
D71302 (626155)	<0.5	7.77	3	504	1.1	<1	2.46	<0.5	31	7.7	23.2	24.2	3.48	23	
D71303 (626156)	0.9	7.32	2	621	2.4	<1	2.51	<0.5	71	5.9	31.5	14.5	3.22	24	
D71304 (626157)	<0.5	6.40	<1	156	0.7	<1	5.04	<0.5	29	24.6	25.9	47.8	11.0	30	
D71305 (626158)	<0.5	7.91	<1	537	1.1	<1	2.30	<0.5	32	5.6	22.5	17.2	2.10	22	
D71306 (626159)	<0.5	7.71	<1	204	0.8	<1	6.35	<0.5	26	39.8	172	125	8.04	24	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T532015

PROJECT: AGAT00821

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 16, 2019		DATE RECEIVED: Oct 17, 2019						DATE REPORTED: Nov 04, 2019				SAMPLE TYPE: Drill Core			
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.5	Al % 0.01	As ppm 1	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01	Ga ppm 5
D71307 (626160)		<0.5	6.58	<1	166	0.7	<1	4.66	<0.5	26	26.8	44.2	74.6	11.0	30
D71308 (626161)		<0.5	7.07	<1	208	0.7	<1	4.04	<0.5	27	21.2	40.2	36.9	9.60	29
D71309 (626162)		<0.5	7.68	<1	465	0.8	<1	2.02	<0.5	30	2.6	18.2	9.5	1.65	21
D71310 (626163)		<0.5	6.79	<1	308	0.8	<1	3.28	<0.5	20	12.1	30.9	89.4	5.52	23
D71311 (626164)		<0.5	6.71	<1	139	0.8	<1	4.64	<0.5	25	25.7	27.7	34.9	11.2	32
D71312 (626165)		<0.5	0.08	2	54	<0.5	<1	28.7	<0.5	<1	0.6	3.2	2.4	0.20	<5
D71313 (626166)		<0.5	7.64	<1	402	1.0	<1	1.62	<0.5	23	2.5	11.0	6.7	1.50	21
D71314 (626167)		<0.5	6.44	<1	186	0.8	<1	4.59	<0.5	29	25.5	23.6	84.6	10.6	29

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## Certificate of Analysis

AGAT WORK ORDER: 19T532015

PROJECT: AGAT00821

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 16, 2019	DATE RECEIVED: Oct 17, 2019					DATE REPORTED: Nov 04, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D71243 (626096)	<1	0.51	5	19	2.95	1480	6.9	1.41	59.8	452	<20	<50	0.76	<1	
D71244 (626097)	<1	0.50	5	18	3.65	1610	5.5	1.62	65.7	486	<20	<50	0.43	<1	
D71245 (626098)	<1	0.52	7	27	4.04	1480	5.1	1.80	51.0	785	<20	53	0.14	<1	
D71246 (626099)	<1	0.43	8	10	4.33	1350	2.1	2.42	104	919	<20	<50	0.11	<1	
D71247 (626100)	<1	0.36	8	24	3.98	1500	5.2	1.80	50.7	787	<20	<50	0.13	<1	
D71248 (626101)	<1	0.37	7	26	3.76	1550	5.1	1.96	46.4	715	<20	<50	0.16	<1	
D71249 (626102)	<1	0.32	3	22	3.12	1530	4.8	2.16	42.1	473	<20	<50	0.09	<1	
D71250 (626103)	<1	0.32	3	22	3.76	1690	4.6	2.22	74.6	443	<20	<50	0.10	<1	
D71251 (626104)	<1	0.56	5	21	2.79	1510	5.2	1.77	38.1	484	<20	<50	0.51	<1	
D71252 (626105)	<1	0.01	<2	2	1.71	102	1.2	0.03	1.1	92	<20	<50	0.11	<1	
D71253 (626106)	<1	0.43	5	17	2.67	2130	4.9	1.81	27.8	880	<20	<50	0.28	<1	
D71254 (626107)	<1	0.38	7	16	2.49	1820	5.1	2.37	21.8	1010	<20	<50	0.22	<1	
D71255 (626108)	<1	1.52	73	27	9.59	1630	4.7	1.04	429	3560	<20	95	0.25	<1	
D71256 (626109)	<1	0.18	6	20	2.64	1690	4.0	2.32	27.7	990	<20	<50	0.19	<1	
D71257 (626110)	<1	0.12	6	18	2.45	1710	3.8	2.50	21.5	895	<20	<50	0.13	<1	
D71258 (626111)	<1	0.12	6	18	2.40	1680	5.0	2.48	22.1	865	<20	<50	0.13	<1	
D71259 (626112)	<1	0.32	5	17	2.63	2440	3.9	1.90	24.7	878	<20	<50	0.16	<1	
D71260 (626113)	<1	0.46	6	17	2.35	1730	4.2	2.34	20.6	891	<20	<50	0.14	<1	
D71261 (626114)	<1	0.45	6	15	2.22	1680	4.4	2.62	20.2	835	<20	<50	0.16	<1	
D71262 (626115)	<1	0.41	5	17	2.53	1920	4.6	2.11	24.2	986	<20	<50	0.20	<1	
D71263 (626116)	<1	0.45	16	14	2.31	1710	5.1	2.22	30.6	1040	<20	<50	0.10	<1	
D71264 (626117)	<1	0.52	5	16	2.30	1980	5.0	2.00	21.4	932	<20	<50	0.13	<1	
D71265 (626118)	<1	1.22	6	14	0.42	310	5.8	4.32	4.7	301	<20	76	0.05	<1	
D71266 (626119)	<1	0.43	9	11	4.41	1380	2.1	2.45	112	1000	<20	<50	0.10	<1	
D71267 (626120)	<1	1.07	7	21	1.99	1470	4.9	2.12	11.7	1000	<20	56	0.28	<1	
D71268 (626121)	<1	0.20	7	16	2.48	1710	4.7	2.06	11.3	1210	<20	<50	0.25	<1	
D71269 (626122)	<1	0.21	7	18	2.25	1730	4.9	2.08	11.1	1190	<20	<50	0.19	<1	
D71270 (626123)	<1	0.26	7	19	2.18	1810	3.9	1.97	10.8	1150	<20	<50	0.22	<1	
D71271 (626124)	<1	0.19	6	17	2.82	2070	6.5	1.79	36.6	1100	<20	<50	0.24	<1	
D71272 (626125)	<1	0.12	<2	1	1.68	132	2.1	0.12	1.4	103	<20	<50	0.10	<1	
D71273 (626126)	<1	0.32	<2	28	5.10	1340	3.9	1.82	130	232	<20	<50	0.04	<1	
D71274 (626127)	<1	0.22	5	12	3.38	1740	4.8	2.04	46.4	914	<20	<50	0.36	<1	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T532015

PROJECT: AGAT00821

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 16, 2019	DATE RECEIVED: Oct 17, 2019					DATE REPORTED: Nov 04, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D71275 (626128)	<1	0.52	7	15	2.35	2060	7.4	1.80	12.6	1210	<20	<50	0.61	<1	
D71276 (626129)	<1	0.36	7	12	2.11	2160	3.6	1.91	10.3	1240	<20	<50	0.37	<1	
D71277 (626130)	<1	0.33	9	10	2.25	1980	5.4	2.44	12.7	1300	<20	<50	0.39	<1	
D71278 (626131)	<1	0.32	9	10	2.24	2000	7.4	2.44	12.9	1310	<20	<50	0.37	<1	
D71279 (626132)	<1	0.52	9	8	2.09	1880	5.3	2.49	14.6	1330	<20	<50	0.30	<1	
D71280 (626133)	<1	0.59	14	7	2.54	1820	4.9	2.99	28.8	1400	<20	<50	0.27	<1	
D71281 (626134)	<1	1.60	55	19	7.20	1590	2.9	2.25	408	1950	<20	157	0.21	<1	
D71282 (626135)	<1	1.74	64	47	4.92	1940	3.6	3.30	257	2020	<20	174	0.22	<1	
D71283 (626136)	<1	1.77	56	33	1.69	1960	2.5	4.24	19.7	2080	<20	164	0.16	<1	
D71284 (626137)	<1	0.48	7	4	2.34	2260	7.4	2.37	11.3	1150	<20	<50	0.32	<1	
D71285 (626138)	<1	0.49	9	6	1.85	1840	3.8	2.45	11.0	1100	<20	<50	0.25	<1	
D71286 (626139)	<1	0.20	3	13	4.42	1430	1.8	2.41	83.6	450	<20	<50	0.18	<1	
D71287 (626140)	<1	0.36	7	7	1.97	2010	6.4	2.21	10.6	1240	<20	<50	0.39	<1	
D71288 (626141)	<1	0.84	15	13	2.12	2210	6.5	2.22	229	1350	<20	<50	0.52	<1	
D71289 (626142)	<1	1.29	7	13	1.96	1910	4.4	2.11	12.1	1110	<20	57	0.61	<1	
D71290 (626143)	<1	1.47	9	6	0.45	412	5.4	3.65	4.4	316	<20	89	0.21	<1	
D71291 (626144)	<1	1.00	7	12	1.72	1870	7.2	2.55	12.2	1180	<20	53	0.59	<1	
D71292 (626145)	<1	0.01	<2	1	1.03	110	2.2	0.05	1.1	90	<20	<50	0.07	<1	
D71293 (626146)	<1	0.67	9	11	2.04	1970	6.2	2.53	19.6	1220	<20	<50	0.71	<1	
D71294 (626147)	<1	0.60	8	13	2.46	1890	3.6	2.40	25.5	1280	<20	<50	0.77	<1	
D71295 (626148)	<1	0.95	7	17	2.00	1770	3.1	2.26	10.7	1150	<20	69	0.77	<1	
D71296 (626149)	<1	0.93	5	8	0.51	439	4.3	3.80	4.6	331	<20	83	0.17	<1	
D71297 (626150)	<1	1.44	7	14	2.19	1650	7.5	2.31	20.8	1080	<20	97	0.33	<1	
D71298 (626151)	<1	1.44	7	14	2.22	1680	6.2	2.35	19.9	1150	<20	96	0.31	<1	
D71299 (626152)	<1	1.05	14	9	0.62	393	6.6	4.48	9.0	513	<20	58	0.10	<1	
D71300 (626153)	<1	0.61	7	16	2.25	1720	6.1	2.67	19.5	1210	<20	<50	0.21	<1	
D71301 (626154)	<1	1.50	9	9	0.55	490	6.4	3.38	6.4	397	<20	80	0.30	<1	
D71302 (626155)	<1	1.29	10	12	0.69	565	7.3	3.82	7.2	552	<20	70	0.26	<1	
D71303 (626156)	<1	1.62	27	15	0.53	655	7.8	3.87	5.4	899	<20	96	0.12	<1	
D71304 (626157)	<1	1.05	8	24	1.98	1960	6.4	1.95	11.3	1210	<20	<50	0.32	<1	
D71305 (626158)	<1	1.59	11	10	0.54	366	6.6	3.80	9.6	385	<20	77	0.12	<1	
D71306 (626159)	<1	0.44	9	11	4.55	1430	2.3	2.44	111	1010	<20	<50	0.12	<1	

Certified By:



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PROJECT: AGAT00821

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 16, 2019	DATE RECEIVED: Oct 17, 2019					DATE REPORTED: Nov 04, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D71307 (626160)	<1	0.59	7	11	2.02	1790	7.7	2.44	15.0	1190	<20	<50	0.56	<1	
D71308 (626161)	<1	0.65	8	14	1.72	1540	6.9	2.70	12.1	1040	<20	<50	0.22	<1	
D71309 (626162)	<1	1.30	10	7	0.27	266	15.7	4.21	2.9	198	<20	68	0.09	<1	
D71310 (626163)	<1	0.90	7	13	0.98	997	7.4	3.00	6.6	596	<20	57	0.89	<1	
D71311 (626164)	<1	0.83	6	20	1.91	1850	6.5	2.14	10.7	1230	<20	<50	0.27	<1	
D71312 (626165)	<1	0.04	<2	2	1.72	98	2.8	0.03	1.2	76	<20	<50	0.08	<1	
D71313 (626166)	<1	0.92	8	6	0.28	199	6.4	4.60	2.9	254	<20	<50	0.05	<1	
D71314 (626167)	<1	0.69	8	19	1.83	2000	7.4	2.14	11.0	1210	<20	<50	1.07	<1	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 16, 2019	DATE RECEIVED: Oct 17, 2019					DATE REPORTED: Nov 04, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D71243 (626096)	34	<10	<5	183	<10	<10	<5	0.70	<5	<50	279	<1	22	129	
D71244 (626097)	36	<10	<5	224	<10	<10	<5	0.70	<5	<50	304	<1	21	102	
D71245 (626098)	39	<10	<5	297	<10	<10	<5	0.79	<5	<50	314	<1	26	114	
D71246 (626099)	33	<10	<5	238	<10	<10	<5	0.82	<5	<50	237	<1	21	93.2	
D71247 (626100)	37	<10	<5	289	<10	<10	<5	0.75	<5	<50	299	<1	25	109	
D71248 (626101)	38	<10	<5	235	<10	<10	<5	0.79	<5	<50	310	<1	25	107	
D71249 (626102)	40	<10	<5	131	<10	<10	<5	0.68	<5	<50	308	<1	24	107	
D71250 (626103)	35	<10	<5	149	<10	<10	<5	0.68	<5	<50	275	<1	22	112	
D71251 (626104)	37	<10	<5	116	<10	<10	<5	0.75	<5	<50	309	<1	27	152	
D71252 (626105)	<1	<10	<5	73	<10	<10	<5	<0.01	<5	<50	1.9	<1	2	3.8	
D71253 (626106)	39	<10	<5	108	<10	<10	<5	0.97	<5	<50	257	<1	38	173	
D71254 (626107)	38	<10	<5	139	<10	<10	<5	1.01	<5	<50	225	<1	39	164	
D71255 (626108)	24	<10	<5	838	<10	<10	<5	2.21	<5	<50	303	<1	26	117	
D71256 (626109)	38	<10	<5	148	<10	<10	<5	1.00	<5	<50	223	<1	39	148	
D71257 (626110)	36	<10	<5	115	<10	<10	<5	0.95	<5	<50	213	<1	37	136	
D71258 (626111)	36	<10	<5	114	<10	<10	<5	0.93	<5	<50	209	<1	37	139	
D71259 (626112)	39	<10	<5	110	<10	<10	<5	1.01	<5	<50	228	<1	40	143	
D71260 (626113)	37	<10	<5	133	<10	<10	<5	0.92	<5	<50	220	<1	37	140	
D71261 (626114)	34	<10	<5	179	<10	<10	<5	0.87	<5	<50	204	<1	34	127	
D71262 (626115)	39	<10	<5	195	<10	<10	<5	1.00	<5	<50	235	<1	39	145	
D71263 (626116)	38	<10	<5	338	<10	<10	<5	0.91	<5	<50	220	<1	37	119	
D71264 (626117)	38	<10	<5	193	<10	<10	<5	0.95	<5	<50	231	<1	38	140	
D71265 (626118)	6	<10	<5	228	<10	<10	<5	0.16	<5	<50	34.3	<1	5	38.3	
D71266 (626119)	34	<10	<5	241	<10	<10	<5	0.83	<5	<50	242	<1	21	92.5	
D71267 (626120)	30	<10	<5	148	<10	<10	<5	0.81	<5	<50	106	<1	33	134	
D71268 (626121)	36	<10	<5	107	<10	<10	<5	0.96	<5	<50	113	<1	48	150	
D71269 (626122)	36	<10	<5	142	<10	<10	<5	1.02	<5	<50	117	<1	45	153	
D71270 (626123)	35	<10	<5	115	<10	<10	<5	0.95	<5	<50	111	<1	44	150	
D71271 (626124)	36	<10	<5	125	<10	<10	<5	0.93	<5	<50	138	<1	42	156	
D71272 (626125)	<1	<10	<5	72	<10	<10	<5	<0.01	<5	<50	1.7	<1	2	4.2	
D71273 (626126)	36	<10	<5	141	<10	<10	<5	0.39	<5	<50	226	<1	14	77.1	
D71274 (626127)	37	<10	<5	98	<10	<10	<5	0.84	<5	<50	165	<1	36	135	

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ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 16, 2019	DATE RECEIVED: Oct 17, 2019					DATE REPORTED: Nov 04, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D71275 (626128)	37	<10	<5	131	<10	<10	<5	0.96	<5	<50	122	<1	46	164	
D71276 (626129)	36	<10	<5	146	<10	<10	<5	1.02	<5	<50	118	<1	47	160	
D71277 (626130)	35	<10	<5	197	<10	<10	<5	0.97	<5	<50	115	<1	44	154	
D71278 (626131)	36	<10	<5	200	<10	<10	<5	0.98	<5	<50	116	<1	45	155	
D71279 (626132)	36	<10	<5	182	<10	<10	<5	0.98	<5	<50	124	<1	44	150	
D71280 (626133)	34	<10	<5	252	<10	<10	<5	0.97	<5	<50	117	<1	34	157	
D71281 (626134)	16	<10	<5	540	<10	<10	<5	1.22	<5	<50	187	<1	20	110	
D71282 (626135)	14	<10	<5	782	<10	<10	<5	1.09	<5	<50	160	<1	29	148	
D71283 (626136)	19	<10	<5	798	<10	<10	<5	0.82	<5	<50	96.6	<1	35	144	
D71284 (626137)	36	<10	<5	154	<10	<10	<5	0.96	<5	<50	118	<1	45	154	
D71285 (626138)	33	<10	<5	198	<10	<10	<5	0.91	<5	<50	108	<1	40	168	
D71286 (626139)	44	<10	<5	108	<10	<10	<5	0.65	<5	<50	306	<1	21	83.5	
D71287 (626140)	36	<10	<5	131	<10	<10	<5	1.01	<5	<50	116	<1	47	161	
D71288 (626141)	33	<10	<5	253	<10	<10	<5	1.01	<5	<50	112	<1	46	232	
D71289 (626142)	34	<10	<5	154	<10	<10	<5	0.82	<5	<50	113	<1	42	274	
D71290 (626143)	6	<10	<5	239	<10	<10	<5	0.19	<5	<50	25.2	<1	6	180	
D71291 (626144)	34	<10	<5	169	<10	<10	<5	0.80	<5	<50	102	<1	44	261	
D71292 (626145)	1	<10	<5	74	<10	<10	<5	<0.01	<5	<50	1.9	<1	2	6.0	
D71293 (626146)	34	<10	<5	189	<10	<10	<5	0.83	<5	<50	111	<1	44	197	
D71294 (626147)	35	<10	<5	209	<10	<10	<5	0.96	<5	<50	115	<1	43	203	
D71295 (626148)	35	<10	<5	172	<10	<10	<5	0.98	<5	<50	112	<1	44	199	
D71296 (626149)	6	<10	<5	261	<10	<10	<5	0.19	<5	<50	26.4	<1	7	115	
D71297 (626150)	34	<10	<5	200	<10	<10	<5	0.87	<5	<50	116	<1	32	172	
D71298 (626151)	35	<10	<5	202	<10	<10	<5	0.89	<5	<50	115	<1	31	179	
D71299 (626152)	6	<10	<5	541	<10	<10	<5	0.24	<5	<50	37.1	<1	5	45.3	
D71300 (626153)	35	<10	<5	179	<10	<10	<5	0.92	<5	<50	116	<1	41	166	
D71301 (626154)	6	<10	<5	319	<10	<10	<5	0.22	<5	<50	29.9	<1	8	133	
D71302 (626155)	9	<10	<5	398	<10	<10	<5	0.30	<5	<50	38.0	<1	12	85.6	
D71303 (626156)	5	<10	<5	523	<10	<10	<5	0.35	<5	<50	39.5	<1	13	91.4	
D71304 (626157)	33	<10	<5	179	<10	<10	<5	0.91	<5	<50	97.5	<1	44	219	
D71305 (626158)	6	<10	<5	338	<10	<10	<5	0.17	<5	<50	36.4	<1	6	74.4	
D71306 (626159)	34	<10	<5	240	<10	<10	<5	0.83	<5	<50	248	<1	21	101	

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## Certificate of Analysis

AGAT WORK ORDER: 19T532015

PROJECT: AGAT00821

5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 16, 2019	DATE RECEIVED: Oct 17, 2019					DATE REPORTED: Nov 04, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5
D71307 (626160)		34	<10	<5	170	<10	<10	<5	0.90	<5	<50	120	<1	41	173
D71308 (626161)		29	<10	<5	215	<10	<10	<5	0.82	<5	<50	99.3	<1	36	137
D71309 (626162)		2	<10	<5	298	<10	<10	<5	0.13	<5	<50	16.0	<1	3	69.2
D71310 (626163)		16	<10	<5	197	<10	<10	<5	0.46	<5	<50	53.6	<1	18	133
D71311 (626164)		35	<10	<5	157	<10	<10	<5	0.96	<5	<50	118	<1	44	161
D71312 (626165)		<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	3.4
D71313 (626166)		3	<10	<5	252	<10	<10	<5	0.12	<5	<50	16.0	<1	3	30.4
D71314 (626167)		34	<10	<5	139	<10	<10	<5	0.90	<5	<50	102	<1	44	234

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## Certificate of Analysis

AGAT WORK ORDER: 19T532015

PROJECT: AGAT00821

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 16, 2019      DATE RECEIVED: Oct 17, 2019      DATE REPORTED: Nov 04, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Zr	ppm	5
D71243 (626096)			17
D71244 (626097)			17
D71245 (626098)			24
D71246 (626099)			87
D71247 (626100)			25
D71248 (626101)			36
D71249 (626102)			20
D71250 (626103)			18
D71251 (626104)			29
D71252 (626105)			<5
D71253 (626106)			19
D71254 (626107)			19
D71255 (626108)			232
D71256 (626109)			18
D71257 (626110)			23
D71258 (626111)			22
D71259 (626112)			16
D71260 (626113)			24
D71261 (626114)			29
D71262 (626115)			19
D71263 (626116)			31
D71264 (626117)			21
D71265 (626118)			88
D71266 (626119)			91
D71267 (626120)			35
D71268 (626121)			23
D71269 (626122)			19
D71270 (626123)			20
D71271 (626124)			21
D71272 (626125)			<5
D71273 (626126)			15
D71274 (626127)			24

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## Certificate of Analysis

AGAT WORK ORDER: 19T532015

PROJECT: AGAT00821

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 16, 2019      DATE RECEIVED: Oct 17, 2019      DATE REPORTED: Nov 04, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D71275 (626128)				22
D71276 (626129)				16
D71277 (626130)				24
D71278 (626131)				24
D71279 (626132)				37
D71280 (626133)				33
D71281 (626134)				192
D71282 (626135)				393
D71283 (626136)				400
D71284 (626137)				24
D71285 (626138)				26
D71286 (626139)				52
D71287 (626140)				21
D71288 (626141)				100
D71289 (626142)				19
D71290 (626143)				100
D71291 (626144)				45
D71292 (626145)				<5
D71293 (626146)				38
D71294 (626147)				28
D71295 (626148)				28
D71296 (626149)				74
D71297 (626150)				54
D71298 (626151)				53
D71299 (626152)				91
D71300 (626153)				40
D71301 (626154)				75
D71302 (626155)				83
D71303 (626156)				239
D71304 (626157)				40
D71305 (626158)				84
D71306 (626159)				89

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## Certificate of Analysis

AGAT WORK ORDER: 19T532015

PROJECT: AGAT00821

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 16, 2019	DATE RECEIVED: Oct 17, 2019	DATE REPORTED: Nov 04, 2019	SAMPLE TYPE: Drill Core
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Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D71307 (626160)				29
D71308 (626161)				47
D71309 (626162)				81
D71310 (626163)				53
D71311 (626164)				24
D71312 (626165)				<5
D71313 (626166)				92
D71314 (626167)				31

Comments: RDL - Reported Detection Limit  
 626096-626167 As, Sb values may be low due to digestion losses.  
 Analysis performed at AGAT Toronto (unless marked by \*)

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## Certificate of Analysis

AGAT WORK ORDER: 19T532015

PROJECT: AGAT00821

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 16, 2019      DATE RECEIVED: Oct 17, 2019      DATE REPORTED: Nov 04, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D71243 (626096)			0.010
D71244 (626097)			0.010
D71245 (626098)			0.010
D71246 (626099)			0.349
D71247 (626100)			0.006
D71248 (626101)			0.007
D71249 (626102)			0.006
D71250 (626103)			0.049
D71251 (626104)			0.009
D71252 (626105)			0.001
D71253 (626106)			0.005
D71254 (626107)			0.004
D71255 (626108)			0.003
D71256 (626109)			0.004
D71257 (626110)			0.004
D71258 (626111)			0.003
D71259 (626112)			0.003
D71260 (626113)			0.003
D71261 (626114)			0.009
D71262 (626115)			0.006
D71263 (626116)			0.006
D71264 (626117)			0.016
D71265 (626118)			0.011
D71266 (626119)			0.347
D71267 (626120)			0.008
D71268 (626121)			0.004
D71269 (626122)			0.006
D71270 (626123)			0.005
D71271 (626124)			0.391
D71272 (626125)			0.001
D71273 (626126)			0.023
D71274 (626127)			0.017

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## Certificate of Analysis

AGAT WORK ORDER: 19T532015

PROJECT: AGAT00821

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 16, 2019      DATE RECEIVED: Oct 17, 2019      DATE REPORTED: Nov 04, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D71275 (626128)		0.008	
D71276 (626129)		0.005	
D71277 (626130)		0.006	
D71278 (626131)		0.007	
D71279 (626132)		0.007	
D71280 (626133)		0.006	
D71281 (626134)		0.004	
D71282 (626135)		0.004	
D71283 (626136)		0.003	
D71284 (626137)		0.006	
D71285 (626138)		0.009	
D71286 (626139)		0.518	
D71287 (626140)		0.005	
D71288 (626141)		0.007	
D71289 (626142)		0.005	
D71290 (626143)		0.003	
D71291 (626144)		0.005	
D71292 (626145)		0.001	
D71293 (626146)		0.005	
D71294 (626147)		0.005	
D71295 (626148)		0.008	
D71296 (626149)		0.003	
D71297 (626150)		0.006	
D71298 (626151)		0.006	
D71299 (626152)		0.009	
D71300 (626153)		0.004	
D71301 (626154)		0.006	
D71302 (626155)		0.005	
D71303 (626156)		0.003	
D71304 (626157)		0.007	
D71305 (626158)		0.004	
D71306 (626159)		0.330	

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AGAT WORK ORDER: 19T532015

PROJECT: AGAT00821

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 16, 2019      DATE RECEIVED: Oct 17, 2019      DATE REPORTED: Nov 04, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D71307 (626160)			0.007
D71308 (626161)			0.004
D71309 (626162)			0.002
D71310 (626163)			0.022
D71311 (626164)			0.007
D71312 (626165)			0.001
D71313 (626166)			0.003
D71314 (626167)			0.014

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T532015

PROJECT: AGAT00821

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Crushing)

DATE SAMPLED: Oct 16, 2019      DATE RECEIVED: Oct 17, 2019      DATE REPORTED: Nov 04, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D71243 (626096)		84.81
D71262 (626115)		82.07
D71282 (626135)		77.82
D71302 (626155)		86.85
D71305 (626158)		78.31

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T532015

PROJECT: AGAT00821

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Oct 16, 2019

DATE RECEIVED: Oct 17, 2019

DATE REPORTED: Nov 04, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D71243 (626096)		95
D71271 (626124)		97
D71297 (626150)		95

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	626096	< 0.5	< 0.5	0.0%	626110	< 0.5	< 0.5	0.0%	626121	< 0.5	< 0.5	0.0%	626135	1.3	1.1	16.7%
Al	626096	7.66	7.84	2.3%	626110	7.14	6.84	4.3%	626121	6.66	6.75	1.3%	626135	5.44	5.30	2.6%
As	626096	< 1	< 1	0.0%	626110	< 1	< 1	0.0%	626121	< 1	< 1	0.0%	626135	16	12	28.6%
Ba	626096	136	132	3.0%	626110	58	55	5.3%	626121	83	81	2.4%	626135	818	823	0.6%
Be	626096	0.71	0.75	5.5%	626110	0.77	0.74	4.0%	626121	0.6	0.6	0.0%	626135	5.33	5.40	1.3%
Bi	626096	< 1	< 1	0.0%	626110	< 1	< 1	0.0%	626121	< 1	< 1	0.0%	626135	< 1	< 1	0.0%
Ca	626096	6.54	6.82	4.2%	626110	5.13	4.86	5.4%	626121	4.47	4.58	2.4%	626135	6.71	6.49	3.3%
Cd	626096	< 0.5	< 0.5	0.0%	626110	< 0.5	< 0.5	0.0%	626121	< 0.5	< 0.5	0.0%	626135	0.44	0.51	14.7%
Ce	626096	17	17	0.0%	626110	21	21	0.0%	626121	26	25	3.9%	626135	173	167	3.5%
Co	626096	41.2	42.4	2.9%	626110	29.2	29.6	1.4%	626121	25.3	25.9	2.3%	626135	38.0	37.2	2.1%
Cr	626096	58.2	60.1	3.2%	626110	28.6	26.0	9.5%	626121	16.3	19.6	18.4%	626135	300	270	10.5%
Cu	626096	196	179	9.1%	626110	85.1	83.9	1.4%	626121	67.9	69.4	2.2%	626135	147	140	4.9%
Fe	626096	9.53	9.80	2.8%	626110	10.9	10.4	4.7%	626121	11.0	11.3	2.7%	626135	8.28	8.11	2.1%
Ga	626096	27	28	3.6%	626110	30	29	3.4%	626121	31	32	3.2%	626135	25	23	8.3%
In	626096	< 1	< 1	0.0%	626110	< 1	< 1	0.0%	626121	< 1	< 1	0.0%	626135	< 1	< 1	0.0%
K	626096	0.51	0.51	0.0%	626110	0.119	0.114	4.3%	626121	0.20	0.20	0.0%	626135	1.74	1.68	3.5%
La	626096	5	5	0.0%	626110	6	6	0.0%	626121	7	7	0.0%	626135	64	62	3.2%
Li	626096	19	19	0.0%	626110	18	18	0.0%	626121	16	16	0.0%	626135	47	45	4.3%
Mg	626096	2.95	3.04	3.0%	626110	2.45	2.34	4.6%	626121	2.48	2.49	0.4%	626135	4.92	4.81	2.3%
Mn	626096	1480	1510	2.0%	626110	1710	1630	4.8%	626121	1710	1700	0.6%	626135	1940	1910	1.6%
Mo	626096	6.9	6.1	12.3%	626110	3.80	4.07	6.9%	626121	4.71	5.89	22.3%	626135	3.6	3.3	8.7%
Na	626096	1.41	1.41	0.0%	626110	2.50	2.39	4.5%	626121	2.06	2.15	4.3%	626135	3.30	3.13	5.3%
Ni	626096	59.8	60.9	1.8%	626110	21.5	21.1	1.9%	626121	11.3	11.2	0.9%	626135	257	250	2.8%
P	626096	452	468	3.5%	626110	895	865	3.4%	626121	1210	1260	4.0%	626135	2020	1880	7.2%
Pb	626096	< 20	< 20	0.0%	626110	< 20	< 20	0.0%	626121	< 20	< 20	0.0%	626135	< 20	< 20	0.0%
Rb	626096	< 50	< 50	0.0%	626110	< 50	< 50	0.0%	626121	< 50	< 50	0.0%	626135	174	168	3.5%
S	626096	0.758	0.710	6.5%	626110	0.125	0.121	3.3%	626121	0.25	0.25	0.0%	626135	0.22	0.22	0.0%
Sb	626096	< 1	< 1	0.0%	626110	< 1	< 1	0.0%	626121	< 1	< 1	0.0%	626135	< 1	< 1	0.0%
Sc	626096	34	35	2.9%	626110	36	36	0.0%	626121	36	36	0.0%	626135	14	13	7.4%
Se	626096	< 10	< 10	0.0%	626110	< 10	< 10	0.0%	626121	< 10	< 10	0.0%	626135	< 10	< 10	0.0%
Sn	626096	< 5	< 5	0.0%	626110	< 5	< 5	0.0%	626121	< 5	< 5	0.0%	626135	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	626096	183	185	1.1%	626110	115	110	4.4%	626121	107	112	4.6%	626135	782	750	4.2%
Ta	626096	< 10	< 10	0.0%	626110	< 10	< 10	0.0%	626121	< 10	< 10	0.0%	626135	< 10	< 10	0.0%
Te	626096	< 10	< 10	0.0%	626110	< 10	< 10	0.0%	626121	< 10	< 10	0.0%	626135	< 10	< 10	0.0%
Th	626096	< 5	< 5	0.0%	626110	< 5	< 5	0.0%	626121	< 5	< 5	0.0%	626135	< 5	< 5	0.0%
Ti	626096	0.699	0.716	2.4%	626110	0.951	0.903	5.2%	626121	0.959	0.998	4.0%	626135	1.09	1.03	5.7%
Tl	626096	< 5	< 5	0.0%	626110	< 5	< 5	0.0%	626121	< 5	< 5	0.0%	626135	< 5	< 5	0.0%
U	626096	< 50	< 50	0.0%	626110	< 50	< 50	0.0%	626121	< 50	< 50	0.0%	626135	< 50	< 50	0.0%
V	626096	279	286	2.5%	626110	213	209	1.9%	626121	113	113	0.0%	626135	160	155	3.2%
W	626096	< 1	< 1	0.0%	626110	< 1	< 1	0.0%	626121	< 1	< 1	0.0%	626135	< 1	< 1	0.0%
Y	626096	22	22	0.0%	626110	37	37	0.0%	626121	48	48	0.0%	626135	29	28	3.5%
Zn	626096	129	104	21.5%	626110	136	129	5.3%	626121	150	144	4.1%	626135	148	153	3.3%
Zr	626096	17	17	0.0%	626110	23	23	0.0%	626121	23	23	0.0%	626135	393	350	11.6%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	626146	< 0.5	< 0.5	0.0%	626160	< 0.5	< 0.5	0.0%								
Al	626146	6.25	6.33	1.3%	626160	6.58	6.61	0.5%								
As	626146	< 1	< 1	0.0%	626160	< 1	< 1	0.0%								
Ba	626146	161	168	4.3%	626160	166	167	0.6%								
Be	626146	1.55	1.57	1.3%	626160	0.73	0.76	4.0%								
Bi	626146	< 1	< 1	0.0%	626160	< 1	< 1	0.0%								
Ca	626146	4.83	4.92	1.8%	626160	4.66	4.76	2.1%								
Cd	626146	0.4	0.5	22.2%	626160	< 0.5	< 0.5	0.0%								
Ce	626146	32	33	3.1%	626160	26	25	3.9%								
Co	626146	24.6	24.3	1.2%	626160	26.8	23.6	12.7%								
Cr	626146	35.4	28.8	20.6%	626160	44.2	41.6	6.1%								
Cu	626146	79.1	80.6	1.9%	626160	74.6	75.0	0.5%								
Fe	626146	11.1	11.4	2.7%	626160	11.0	11.2	1.8%								
Ga	626146	29	29	0.0%	626160	30	29	3.4%								
In	626146	< 1	< 1	0.0%	626160	< 1	< 1	0.0%								
K	626146	0.672	0.678	0.9%	626160	0.59	0.59	0.0%								
La	626146	9	9	0.0%	626160	7	6	15.4%								
Li	626146	11	11	0.0%	626160	11	11	0.0%								
Mg	626146	2.04	2.06	1.0%	626160	2.02	2.02	0.0%								
Mn	626146	1970	2020	2.5%	626160	1790	1790	0.0%								





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	626146	6.2	4.7	27.5%	626160	7.74	7.82	1.0%								
Na	626146	2.53	2.56	1.2%	626160	2.44	2.51	2.8%								
Ni	626146	19.6	19.0	3.1%	626160	15.0	14.0	6.9%								
P	626146	1220	1260	3.2%	626160	1190	1070	10.6%								
Pb	626146	< 20	< 20	0.0%	626160	< 20	< 20	0.0%								
Rb	626146	< 50	< 50	0.0%	626160	< 50	< 50	0.0%								
S	626146	0.71	0.71	0.0%	626160	0.557	0.539	3.3%								
Sb	626146	< 1	< 1	0.0%	626160	< 1	< 1	0.0%								
Sc	626146	34	35	2.9%	626160	34	33	3.0%								
Se	626146	< 10	< 10	0.0%	626160	< 10	< 10	0.0%								
Sn	626146	< 5	< 5	0.0%	626160	< 5	< 5	0.0%								
Sr	626146	189	191	1.1%	626160	170	176	3.5%								
Ta	626146	< 10	< 10	0.0%	626160	< 10	< 10	0.0%								
Te	626146	< 10	< 10	0.0%	626160	< 10	< 10	0.0%								
Th	626146	< 5	< 5	0.0%	626160	< 5	< 5	0.0%								
Ti	626146	0.833	0.847	1.7%	626160	0.90	0.92	2.2%								
Tl	626146	< 5	< 5	0.0%	626160	< 5	< 5	0.0%								
U	626146	< 50	< 50	0.0%	626160	< 50	< 50	0.0%								
V	626146	111	110	0.9%	626160	120	117	2.5%								
W	626146	< 1	< 1	0.0%	626160	< 1	< 1	0.0%								
Y	626146	44	44	0.0%	626160	41	41	0.0%								
Zn	626146	197	209	5.9%	626160	173	174	0.6%								
Zr	626146	38	36	5.4%	626160	29	28	3.5%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	626110	0.004	0.004	2.2%	626121	0.004	0.003	12.6%	626146	0.005	0.005	0.4%	626160	0.007	0.007	9.4%

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	10.76	98%	90% - 110%	8.17	8.03	98%	90% - 110%	6.96	6.96	100%	90% - 110%	4.75	4.97	105%	90% - 110%
As					26	23	87%	90% - 110%	124	117	94%	90% - 110%				
Ba	340	336	99%	90% - 110%	540	511	95%	90% - 110%	186	187	100%	90% - 110%	216	225	104%	90% - 110%
Be	2.6	2.7	104%	90% - 110%	4.0	3.4	86%	90% - 110%								
Ca	5.72	5.37	94%	90% - 110%	0.907	0.85	94%	90% - 110%	4.01	3.68	92%	90% - 110%	10	9	94%	90% - 110%
Ce	122	129	106%	90% - 110%	98	107	109%	90% - 110%	24	26	108%	90% - 110%				
Co									22.1	20.1	91%	90% - 110%	191	176	92%	90% - 110%
Cr					60.3	64.1	106%	90% - 110%					670	543	81%	90% - 110%
Cu	7	7	99%	90% - 110%	150	165	110%	90% - 110%	88.6	97.2	110%	90% - 110%	7120	7636	107%	90% - 110%
Fe	4.34	4.08	94%	90% - 110%	3.77	3.71	98%	90% - 110%	7.56	7.28	96%	90% - 110%	12.71	12.55	99%	90% - 110%
Ga	35	40	115%	90% - 110%												
K	1.37	1.38	101%	90% - 110%					2.021	2.015	100%	90% - 110%	0.1021	0.1091	107%	90% - 110%
La	58	50	86%	90% - 110%	44	41	93%	90% - 110%					8.47	7.26	86%	90% - 110%
Li	37	38	103%	90% - 110%	47	46	98%	90% - 110%								
Mg	0.325	0.308	95%	90% - 110%	1.10	1.06	96%	90% - 110%	2.412	2.434	101%	90% - 110%	7.41	7.74	104%	90% - 110%
Mn					780	765	98%	90% - 110%	1510	1475	98%	90% - 110%				
Mo					14	15	106%	90% - 110%								
Na	5.267	5.677	108%	90% - 110%	1.624	1.667	103%	90% - 110%	0.617	0.674	109%	90% - 110%	0.112	0.121	108%	90% - 110%
Ni					32	33	103%	90% - 110%	77.1	72.1	94%	90% - 110%	2480	2266	91%	90% - 110%
P					750	828	110%	90% - 110%	892	966	108%	90% - 110%	731	760	103%	90% - 110%
Pb					31	28	92%	90% - 110%								
S									0.348	0.369	106%	90% - 110%				
Sc	1.1	1	92%	90% - 110%	12	12	102%	90% - 110%					21.33	20.61	97%	90% - 110%
Sr	1191	1132	95%	90% - 110%	144	139	96%	90% - 110%	92.8	86.5	93%	90% - 110%	39	37	96%	90% - 110%
Ti	0.172	0.157	91%	90% - 110%	0.53	0.43	82%	90% - 110%					0.419	0.394	94%	90% - 110%
V	8	8	101%	90% - 110%	77	80	104%	90% - 110%					158	166	105%	90% - 110%
Y	119	114	96%	90% - 110%									12.67	12.35	97%	90% - 110%
Zn	93	97	104%	90% - 110%	130	124	96%	90% - 110%	208	214	103%	90% - 110%	112	118	105%	90% - 110%
Zr													35.7	35	98%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)



**AGAT** Laboratories

Quality Assurance - Certified Reference materials  
 AGAT WORK ORDER: 19T532015  
 PROJECT: AGAT00821

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (GS2T)				CRM #2 (GS7H)				CRM #3 (GS1W)				CRM #4 (WW03)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	1.75	1.80	103%	90% - 110%	6.56	6.62	101%	90% - 110%	1.063	1.08	101%	90% - 110%	2.01	2.20	110%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00821  
 SAMPLING SITE:

AGAT WORK ORDER: 19T532015  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MW-200-12006	BUGBEE, E;A Textbook of Fire Assay	ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00825

AGAT WORK ORDER: 19T532023

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Nov 06, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

# Certificate of Analysis

AGAT WORK ORDER: 19T532023

PROJECT: AGAT00825

 5623 McADAM ROAD  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Oct 17, 2019

DATE RECEIVED: Oct 17, 2019

DATE REPORTED: Nov 06, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D71315 (626574)		3.75
D71316 (626575)		3.13
D71317 (626576)		1.55
D71318 (626577)		1.55
D71319 (626578)		3.12
D71320 (626579)		3.50
D71321 (626580)		3.31
D71322 (626581)		1.12
D71323 (626582)		2.22
D71324 (626583)		2.16
D71325 (626584)		1.99
D71326 (626585)		0.07
D71327 (626586)		2.02
D71328 (626587)		3.00
D71329 (626588)		1.96
D71330 (626589)		1.90
D71331 (626590)		2.46
D71332 (626591)		0.63
D71333 (626592)		1.27
D71334 (626593)		1.70
D71335 (626594)		3.01
D71336 (626595)		1.28
D71337 (626596)		3.19
D71338 (626597)		3.19
D71339 (626598)		2.09
D71340 (626599)		0.87
D71341 (626600)		3.39
D71342 (626601)		1.68
D71343 (626602)		2.79
D71344 (626603)		2.11
D71345 (626604)		1.48

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T532023

PROJECT: AGAT00825

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Oct 17, 2019

DATE RECEIVED: Oct 17, 2019

DATE REPORTED: Nov 06, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D71346 (626605)		0.07
D71347 (626606)		1.63
D71348 (626607)		1.27
D71349 (626608)		1.77
D71350 (626609)		1.75
D71351 (626610)		2.07
D71352 (626611)		0.68
D71353 (626612)		2.69
D71354 (626613)		2.88
D71355 (626614)		1.81
D71356 (626615)		1.62
D71357 (626616)		2.81
D71358 (626617)		2.81
D71359 (626618)		3.07
D71360 (626619)		2.82
D71361 (626620)		3.02
D71362 (626621)		3.27
D71363 (626622)		3.36
D71364 (626623)		3.26
D71365 (626624)		3.16
D71366 (626625)		0.07
D71367 (626626)		3.40
D71368 (626627)		3.38
D71369 (626628)		3.15
D71370 (626629)		2.53
D71371 (626630)		2.38
D71372 (626631)		0.70
D71373 (626632)		3.06
D71374 (626633)		2.81
D71375 (626634)		3.25
D71376 (626635)		3.73

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T532023

PROJECT: AGAT00825

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Oct 17, 2019

DATE RECEIVED: Oct 17, 2019

DATE REPORTED: Nov 06, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D71377 (626636)		3.21
D71378 (626637)		3.21
D71379 (626638)		3.26
D71380 (626639)		3.40
D71381 (626640)		2.96
D71382 (626641)		3.39
D71383 (626642)		3.03
D71384 (626643)		3.32
D71385 (626644)		1.80
D71386 (626645)		0.07

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





# Certificate of Analysis

AGAT WORK ORDER: 19T532023

PROJECT: AGAT00825

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 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 17, 2019	DATE RECEIVED: Oct 17, 2019							DATE REPORTED: Nov 06, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D71315 (626574)	<0.5	6.75	<1	101	0.6	<1	5.09	<0.5	23	25.4	30.3	42.5	11.7	24	
D71316 (626575)	<0.5	6.69	<1	144	0.6	<1	5.26	0.6	22	24.0	21.2	51.0	11.7	25	
D71317 (626576)	<0.5	6.24	<1	83	0.5	<1	4.57	<0.5	21	24.7	20.5	61.2	10.9	25	
D71318 (626577)	<0.5	6.76	<1	87	0.6	<1	4.69	<0.5	24	26.2	24.8	68.9	11.5	25	
D71319 (626578)	<0.5	7.11	<1	103	0.6	<1	4.84	<0.5	24	24.9	23.0	45.8	11.5	25	
D71320 (626579)	<0.5	6.67	<1	66	0.5	<1	4.76	<0.5	22	25.9	22.8	38.6	11.4	25	
D71321 (626580)	<0.5	6.74	<1	110	0.7	<1	4.96	<0.5	22	23.1	23.5	34.8	10.9	23	
D71322 (626581)	<0.5	7.94	<1	269	2.7	<1	2.57	<0.5	10	5.3	21.6	11.8	2.57	20	
D71323 (626582)	<0.5	6.59	<1	127	0.8	<1	5.81	<0.5	23	21.8	24.6	44.3	10.9	24	
D71324 (626583)	<0.5	7.08	<1	161	1.0	<1	4.09	<0.5	17	18.9	21.7	41.6	8.23	22	
D71325 (626584)	<0.5	6.90	<1	150	0.6	<1	4.61	0.6	23	24.4	25.3	58.7	11.1	24	
D71326 (626585)	<0.5	7.54	<1	182	0.7	<1	6.31	<0.5	22	37.8	173	99.2	7.53	19	
D71327 (626586)	<0.5	6.80	<1	202	1.0	<1	4.58	0.9	26	21.9	24.5	30.9	10.8	26	
D71328 (626587)	<0.5	6.93	<1	118	0.7	<1	4.84	<0.5	24	26.0	38.5	71.2	10.0	23	
D71329 (626588)	<0.5	7.69	1	276	0.9	<1	3.53	<0.5	19	24.9	35.7	173	5.65	19	
D71330 (626589)	<0.5	8.02	<1	210	0.8	<1	4.27	<0.5	23	12.9	49.1	17.9	3.91	16	
D71331 (626590)	<0.5	8.12	<1	234	0.9	<1	3.63	<0.5	32	13.7	55.4	40.2	4.39	17	
D71332 (626591)	<0.5	0.09	2	43	<0.5	<1	32.2	<0.5	<1	0.6	3.0	<0.5	0.17	<5	
D71333 (626592)	<0.5	7.29	<1	205	1.2	<1	4.44	<0.5	20	17.7	55.0	19.7	5.00	19	
D71334 (626593)	<0.5	7.91	<1	172	0.7	<1	6.64	<0.5	21	21.3	59.4	28.2	5.02	18	
D71335 (626594)	<0.5	8.94	<1	172	0.7	<1	5.41	<0.5	24	18.2	60.0	44.9	4.70	20	
D71336 (626595)	<0.5	8.52	<1	297	1.0	<1	3.95	<0.5	37	12.3	33.5	25.6	3.75	20	
D71337 (626596)	<0.5	7.04	<1	56	0.7	<1	5.54	<0.5	17	34.1	44.5	53.0	10.4	22	
D71338 (626597)	<0.5	7.11	<1	59	0.8	<1	5.68	<0.5	16	34.6	47.0	54.9	10.7	22	
D71339 (626598)	<0.5	6.97	<1	121	0.8	<1	5.08	<0.5	18	32.8	13.4	29.0	10.7	25	
D71340 (626599)	<0.5	5.01	<1	497	0.7	<1	1.20	<0.5	60	19.7	26.9	52.0	6.99	23	
D71341 (626600)	<0.5	9.01	<1	151	0.6	<1	6.47	<0.5	25	27.4	128	15.1	7.88	24	
D71342 (626601)	<0.5	8.64	<1	139	1.3	<1	5.67	<0.5	29	26.7	112	16.2	7.08	21	
D71343 (626602)	<0.5	8.19	3	179	1.7	<1	2.07	<0.5	28	8.6	27.2	39.8	2.30	19	
D71344 (626603)	<0.5	8.07	<1	156	1.7	<1	2.12	<0.5	37	5.7	23.2	25.5	1.92	18	
D71345 (626604)	<0.5	8.47	<1	146	1.5	<1	4.88	<0.5	16	22.5	103	12.0	6.07	21	
D71346 (626605)	<0.5	7.69	<1	179	0.6	<1	5.85	<0.5	22	37.1	161	103	7.36	19	

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## Certificate of Analysis

AGAT WORK ORDER: 19T532023

PROJECT: AGAT00825

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 17, 2019	DATE RECEIVED: Oct 17, 2019							DATE REPORTED: Nov 06, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D71347 (626606)	<0.5	8.78	<1	321	1.2	<1	3.11	<0.5	28	15.3	52.6	14.1	3.67	21	
D71348 (626607)	<0.5	8.59	<1	308	1.6	<1	3.30	<0.5	27	21.1	76.5	2.4	5.00	22	
D71349 (626608)	<0.5	8.10	<1	264	1.4	<1	2.02	<0.5	26	10.3	28.0	5.4	2.55	20	
D71350 (626609)	<0.5	8.28	<1	308	1.4	<1	2.26	<0.5	19	14.8	34.6	3.9	3.61	20	
D71351 (626610)	<0.5	8.88	<1	315	1.5	<1	2.61	<0.5	19	19.6	49.9	12.8	4.71	24	
D71352 (626611)	<0.5	0.12	1	27	<0.5	<1	28.6	<0.5	<1	<0.5	3.7	<0.5	0.16	<5	
D71353 (626612)	<0.5	8.13	<1	301	1.2	<1	2.69	<0.5	29	15.2	18.5	4.4	3.07	18	
D71354 (626613)	<0.5	8.25	<1	393	1.1	<1	2.92	<0.5	39	20.2	21.8	5.9	3.75	18	
D71355 (626614)	<0.5	8.00	<1	308	0.8	<1	3.19	<0.5	25	32.2	20.3	13.8	4.77	19	
D71356 (626615)	0.5	8.11	<1	413	1.2	<1	2.91	<0.5	28	25.8	28.0	14.8	4.31	20	
D71357 (626616)	<0.5	8.89	3	234	1.5	<1	2.29	<0.5	14	8.1	13.8	11.5	2.04	20	
D71358 (626617)	<0.5	8.96	<1	235	1.5	<1	2.25	<0.5	14	8.1	13.4	12.0	1.97	21	
D71359 (626618)	<0.5	8.07	<1	449	1.4	<1	2.07	<0.5	36	10.8	20.4	5.8	2.53	19	
D71360 (626619)	0.6	8.14	<1	417	1.1	<1	1.66	<0.5	37	3.4	16.2	7.9	1.47	19	
D71361 (626620)	0.5	8.16	2	471	1.3	<1	2.06	<0.5	37	7.6	21.5	5.8	2.05	18	
D71362 (626621)	0.5	7.81	<1	394	3.1	<1	2.89	<0.5	24	31.6	33.6	34.7	4.77	18	
D71363 (626622)	<0.5	7.75	<1	120	0.8	<1	4.31	<0.5	27	45.0	60.3	48.2	7.64	17	
D71364 (626623)	<0.5	6.97	<1	177	0.9	<1	4.40	<0.5	11	71.5	39.0	38.0	10.4	18	
D71365 (626624)	<0.5	7.82	<1	110	0.6	<1	4.77	<0.5	11	69.0	32.9	32.7	9.98	17	
D71366 (626625)	<0.5	7.73	<1	186	0.7	<1	5.98	<0.5	23	35.7	131	105	7.36	19	
D71367 (626626)	<0.5	8.06	<1	124	<0.5	<1	5.09	<0.5	9	68.8	40.9	28.1	10.0	18	
D71368 (626627)	<0.5	8.07	<1	126	<0.5	<1	4.83	<0.5	7	72.3	37.4	23.1	9.96	19	
D71369 (626628)	<0.5	8.14	<1	203	<0.5	<1	4.71	<0.5	6	71.2	35.3	5.3	10.0	18	
D71370 (626629)	<0.5	8.20	<1	293	0.9	<1	4.04	<0.5	13	51.0	30.8	<0.5	7.64	17	
D71371 (626630)	<0.5	7.75	<1	305	1.0	<1	4.28	<0.5	16	59.7	47.1	17.4	8.52	17	
D71372 (626631)	<0.5	0.06	1	23	<0.5	<1	30.8	<0.5	<1	0.9	3.5	<0.5	0.15	<5	
D71373 (626632)	<0.5	7.34	<1	242	0.9	<1	5.07	<0.5	18	62.9	70.2	1.5	8.96	17	
D71374 (626633)	<0.5	7.64	<1	250	1.1	<1	4.27	<0.5	18	51.8	38.9	20.2	8.16	17	
D71375 (626634)	<0.5	7.85	<1	158	0.6	<1	5.10	<0.5	22	49.6	85.5	15.7	8.44	18	
D71376 (626635)	<0.5	8.51	<1	143	0.5	<1	5.38	<0.5	10	52.0	47.4	5.9	9.08	19	
D71377 (626636)	<0.5	8.92	<1	131	0.6	<1	5.23	<0.5	17	37.9	39.1	15.9	7.56	19	
D71378 (626637)	<0.5	9.02	<1	137	0.6	<1	5.19	<0.5	16	37.2	30.5	14.8	7.54	19	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 17, 2019	DATE RECEIVED: Oct 17, 2019							DATE REPORTED: Nov 06, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D71379 (626638)	<0.5	8.18	<1	138	0.7	<1	4.44	<0.5	32	28.2	20.9	81.7	6.77	19	
D71380 (626639)	<0.5	8.10	<1	201	0.5	<1	4.94	<0.5	18	41.7	38.2	30.6	7.89	19	
D71381 (626640)	<0.5	7.85	<1	205	0.6	<1	4.16	<0.5	34	28.1	19.7	24.2	6.23	18	
D71382 (626641)	<0.5	6.14	<1	197	0.6	<1	4.58	<0.5	22	55.1	208	19.4	8.95	16	
D71383 (626642)	0.5	5.01	9	251	1.9	<1	2.50	<0.5	38	45.6	296	74.4	5.22	12	
D71384 (626643)	<0.5	2.97	<1	479	1.4	<1	6.06	<0.5	94	64.8	520	83.3	9.15	17	
D71385 (626644)	0.5	7.63	<1	291	1.7	<1	2.32	<0.5	61	8.2	21.4	13.2	3.12	16	
D71386 (626645)	<0.5	7.68	<1	180	0.6	<1	5.86	<0.5	23	35.0	160	107	7.21	18	

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Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D71315 (626574)	<1	0.33	7	16	2.13	1980	7.6	2.05	14.7	1140	<20	<50	0.46	<1	
D71316 (626575)	<1	0.53	7	18	1.94	2000	6.4	2.08	11.2	1190	<20	<50	0.71	<1	
D71317 (626576)	<1	0.32	7	20	1.77	1990	5.9	2.25	10.5	1120	<20	<50	0.53	<1	
D71318 (626577)	<1	0.33	7	21	1.90	2140	6.6	2.21	11.3	1160	<20	<50	0.64	<1	
D71319 (626578)	<1	0.29	8	28	2.13	1910	6.5	2.43	10.4	1180	<20	<50	0.29	<1	
D71320 (626579)	<1	0.20	7	24	2.07	1790	6.8	2.12	10.4	1150	<20	<50	0.26	<1	
D71321 (626580)	<1	0.74	7	30	2.11	1970	6.6	2.12	12.8	1080	<20	<50	0.38	<1	
D71322 (626581)	<1	1.04	4	28	0.46	406	6.8	3.44	3.0	295	<20	<50	0.17	<1	
D71323 (626582)	<1	0.99	7	16	2.11	2140	6.5	1.95	10.9	1060	<20	<50	0.76	<1	
D71324 (626583)	<1	0.78	5	20	1.47	1490	6.1	2.56	7.8	793	<20	<50	0.71	<1	
D71325 (626584)	<1	0.81	7	26	1.96	1880	7.1	2.32	11.5	1060	<20	<50	0.82	<1	
D71326 (626585)	<1	0.44	9	10	4.41	1310	1.8	2.33	114	863	<20	<50	0.09	<1	
D71327 (626586)	<1	0.86	8	39	2.05	1980	6.1	2.17	12.6	1110	<20	<50	0.40	<1	
D71328 (626587)	<1	0.53	8	27	2.00	1840	6.0	2.29	21.4	966	<20	<50	0.62	<1	
D71329 (626588)	<1	1.38	8	23	0.97	1200	5.5	2.66	43.4	450	<20	<50	1.14	<1	
D71330 (626589)	<1	0.78	10	19	1.19	969	6.5	2.77	42.3	389	<20	<50	0.08	<1	
D71331 (626590)	<1	1.01	14	31	1.35	1330	7.5	2.70	44.1	416	<20	<50	0.12	<1	
D71332 (626591)	<1	0.03	<2	1	1.53	106	2.3	0.03	0.7	67	<20	<50	0.03	<1	
D71333 (626592)	<1	0.98	8	31	1.73	807	7.2	2.32	48.7	467	<20	<50	0.07	<1	
D71334 (626593)	<1	0.45	10	15	2.35	989	7.9	2.51	82.1	409	<20	<50	0.10	<1	
D71335 (626594)	<1	0.55	10	15	1.57	797	7.6	2.77	51.2	461	<20	<50	0.12	<1	
D71336 (626595)	<1	0.89	17	24	1.30	526	8.4	3.06	22.2	569	<20	<50	0.07	<1	
D71337 (626596)	<1	0.80	5	23	3.14	1440	5.6	2.22	38.3	430	<20	<50	0.13	<1	
D71338 (626597)	<1	0.83	5	24	3.23	1480	5.7	2.21	38.9	443	<20	<50	0.14	<1	
D71339 (626598)	<1	1.09	5	26	2.47	1660	6.1	2.13	11.4	551	<20	<50	0.16	<1	
D71340 (626599)	<1	2.80	28	88	2.14	1050	6.4	1.08	24.8	478	<20	56	0.26	<1	
D71341 (626600)	<1	0.97	11	22	2.96	1380	7.2	2.97	42.5	376	<20	<50	0.05	<1	
D71342 (626601)	<1	0.98	11	30	3.05	1190	7.3	3.06	67.5	525	<20	<50	0.08	<1	
D71343 (626602)	<1	1.03	13	23	0.49	301	9.3	3.69	12.3	378	<20	<50	0.38	<1	
D71344 (626603)	<1	0.91	17	20	0.41	305	10.5	3.82	6.3	358	<20	<50	0.28	<1	
D71345 (626604)	<1	1.04	6	27	2.38	1260	6.3	3.36	36.5	324	<20	<50	0.13	<1	
D71346 (626605)	<1	0.45	9	11	4.36	1290	2.0	2.32	112	837	<20	<50	0.09	<1	

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DATE SAMPLED: Oct 17, 2019	DATE RECEIVED: Oct 17, 2019					DATE REPORTED: Nov 06, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D71347 (626606)	<1	1.21	12	24	1.57	574	6.5	3.59	36.9	337	<20	<50	0.07	<1	
D71348 (626607)	<1	1.78	11	44	2.51	1150	5.9	3.17	62.9	371	<20	<50	0.04	<1	
D71349 (626608)	<1	1.44	11	35	1.03	407	5.7	3.35	27.9	419	<20	<50	0.05	<1	
D71350 (626609)	<1	1.73	8	45	1.66	622	7.1	3.25	51.1	359	<20	<50	0.05	<1	
D71351 (626610)	<1	2.08	8	55	2.10	953	6.9	3.32	55.3	312	<20	<50	0.10	<1	
D71352 (626611)	<1	0.02	<2	1	1.24	105	2.2	0.06	1.1	72	<20	<50	0.03	1	
D71353 (626612)	<1	1.36	12	31	1.56	483	5.6	3.56	50.9	430	<20	<50	0.04	<1	
D71354 (626613)	<1	1.73	17	31	2.06	548	4.4	3.46	68.7	374	<20	<50	0.03	<1	
D71355 (626614)	<1	0.99	12	21	3.08	681	3.4	3.36	108	507	<20	<50	0.05	<1	
D71356 (626615)	<1	1.87	13	36	2.51	622	4.8	3.31	88.6	619	<20	<50	0.13	<1	
D71357 (626616)	<1	0.89	7	18	0.70	358	5.1	4.28	21.9	317	<20	<50	0.29	<1	
D71358 (626617)	<1	0.90	6	18	0.68	344	4.5	4.27	21.1	316	<20	<50	0.29	<1	
D71359 (626618)	<1	1.05	16	22	1.08	357	5.3	4.03	30.9	334	<20	<50	0.06	<1	
D71360 (626619)	<1	0.83	16	7	0.34	180	5.6	4.31	4.5	287	<20	<50	0.07	<1	
D71361 (626620)	<1	0.89	17	20	0.78	252	6.3	4.00	20.6	302	<20	<50	0.07	<1	
D71362 (626621)	<1	1.41	11	45	2.96	682	6.3	2.98	101	258	<20	<50	0.35	<1	
D71363 (626622)	<1	0.35	9	30	4.75	1190	5.6	2.75	132	565	<20	<50	0.10	<1	
D71364 (626623)	<1	0.84	4	76	6.87	1520	3.8	1.90	243	323	<20	<50	0.06	<1	
D71365 (626624)	<1	0.51	5	56	6.54	1430	3.3	2.16	226	279	<20	<50	0.06	1	
D71366 (626625)	<1	0.45	9	11	4.39	1300	2.2	2.38	109	774	<20	<50	0.10	<1	
D71367 (626626)	<1	0.57	3	69	6.60	1420	3.2	1.90	225	261	<20	<50	0.05	<1	
D71368 (626627)	<1	0.70	2	75	6.96	1440	2.9	1.76	237	239	<20	<50	0.05	<1	
D71369 (626628)	<1	0.78	2	69	6.99	1430	3.4	1.92	230	160	<20	<50	0.03	<1	
D71370 (626629)	<1	0.50	5	38	5.20	1220	3.1	2.58	166	250	<20	<50	0.02	<1	
D71371 (626630)	<1	0.61	5	40	5.70	1300	6.4	2.19	188	169	<20	<50	0.07	<1	
D71372 (626631)	<1	0.01	<2	1	1.18	84	2.5	0.02	1.1	70	<20	<50	0.03	<1	
D71373 (626632)	<1	0.61	7	35	6.07	1350	20.9	2.07	225	402	<20	<50	0.03	<1	
D71374 (626633)	<1	0.55	7	32	5.17	1280	5.7	2.38	167	358	<20	<50	0.05	<1	
D71375 (626634)	<1	0.43	9	32	5.09	1290	5.1	2.27	175	437	<20	<50	0.05	<1	
D71376 (626635)	<1	0.53	4	43	5.33	1380	4.7	2.30	160	260	<20	<50	0.02	<1	
D71377 (626636)	<1	0.41	6	39	3.97	1160	4.0	2.75	102	297	<20	<50	0.04	<1	
D71378 (626637)	<1	0.41	6	40	3.98	1170	3.6	2.75	101	293	<20	<50	0.04	<1	

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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 17, 2019

DATE RECEIVED: Oct 17, 2019

DATE REPORTED: Nov 06, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D71379 (626638)		<1	0.29	11	32	2.47	1060	3.5	2.62	47.3	699	<20	<50	0.11	<1
D71380 (626639)		<1	0.57	7	39	4.20	1290	4.1	2.56	113	384	<20	<50	0.06	<1
D71381 (626640)		<1	0.50	13	32	2.83	973	3.3	3.04	70.6	648	<20	<50	0.06	<1
D71382 (626641)		<1	0.91	9	59	6.01	1350	3.4	2.55	360	638	<20	<50	0.06	<1
D71383 (626642)		<1	1.36	17	48	5.62	866	2.6	3.65	596	442	<20	<50	0.17	<1
D71384 (626643)		<1	1.82	40	26	10.7	1360	3.5	0.60	553	1310	<20	<50	0.15	<1
D71385 (626644)		<1	0.92	25	25	0.94	669	3.0	3.71	22.0	733	<20	<50	0.05	<1
D71386 (626645)		<1	0.44	9	11	4.32	1270	2.3	2.40	111	767	<20	<50	0.09	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T532023

PROJECT: AGAT00825

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 17, 2019	DATE RECEIVED: Oct 17, 2019					DATE REPORTED: Nov 06, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D71315 (626574)	39	<10	<5	133	<10	<10	<5	1.01	<5	<50	114	<1	52	232	
D71316 (626575)	37	<10	<5	118	<10	<10	<5	1.01	<5	<50	105	<1	49	311	
D71317 (626576)	36	<10	<5	121	<10	<10	<5	0.97	<5	<50	105	<1	48	190	
D71318 (626577)	39	<10	<5	124	<10	<10	<5	1.04	<5	<50	110	<1	52	209	
D71319 (626578)	39	<10	<5	156	<10	<10	<5	1.04	<5	<50	108	<1	52	196	
D71320 (626579)	38	<10	<5	121	<10	<10	<5	1.01	<5	<50	106	<1	53	186	
D71321 (626580)	37	<10	<5	127	<10	<10	<5	0.97	<5	<50	108	<1	48	261	
D71322 (626581)	6	<10	<5	185	<10	<10	<5	0.23	<5	<50	31.3	<1	7	87.3	
D71323 (626582)	36	<10	<5	156	<10	<10	<5	0.92	<5	<50	111	<1	47	210	
D71324 (626583)	28	<10	<5	140	<10	<10	<5	0.73	<5	<50	84.7	<1	38	173	
D71325 (626584)	37	<10	<5	122	<10	<10	<5	1.00	<5	<50	112	<1	49	301	
D71326 (626585)	36	<10	<5	238	<10	<10	<5	0.84	<5	<50	248	<1	22	86.8	
D71327 (626586)	39	<10	<5	121	<10	<10	<5	0.98	<5	<50	108	<1	54	412	
D71328 (626587)	35	<10	<5	143	<10	<10	<5	0.89	<5	<50	126	<1	42	196	
D71329 (626588)	12	<10	<5	210	<10	<10	<5	0.32	<5	<50	95.6	<1	11	189	
D71330 (626589)	13	<10	<5	225	<10	<10	<5	0.29	<5	<50	75.7	<1	13	63.8	
D71331 (626590)	13	<10	<5	193	<10	<10	<5	0.28	<5	<50	80.3	<1	15	61.0	
D71332 (626591)	<1	<10	<5	74	<10	<10	<5	<0.01	<5	<50	1.6	<1	2	2.7	
D71333 (626592)	18	<10	<5	192	<10	<10	<5	0.45	<5	<50	143	<1	19	87.3	
D71334 (626593)	17	<10	<5	229	<10	<10	<5	0.38	<5	<50	129	<1	15	94.3	
D71335 (626594)	17	<10	<5	281	<10	<10	<5	0.42	<5	<50	122	<1	16	81.7	
D71336 (626595)	11	<10	<5	283	<10	<10	<5	0.34	<5	<50	90.5	<1	12	67.0	
D71337 (626596)	43	<10	<5	112	<10	<10	<5	1.05	<5	<50	427	<1	32	93.2	
D71338 (626597)	44	<10	<5	111	<10	<10	<5	1.08	<5	<50	435	<1	33	94.9	
D71339 (626598)	43	<10	<5	100	<10	<10	<5	1.16	<5	<50	381	<1	38	122	
D71340 (626599)	29	<10	<5	59	<10	<10	<5	0.68	<5	<50	172	<1	18	241	
D71341 (626600)	38	<10	<5	192	<10	<10	<5	0.75	<5	<50	283	<1	25	105	
D71342 (626601)	34	<10	<5	240	<10	<10	<5	0.66	<5	<50	285	<1	23	83.7	
D71343 (626602)	4	<10	<5	241	<10	<10	<5	0.15	<5	<50	39.7	<1	6	44.5	
D71344 (626603)	13	<10	<5	273	<10	<10	<5	0.11	<5	<50	31.9	<1	10	53.0	
D71345 (626604)	32	<10	<5	205	<10	<10	<5	0.52	<5	<50	204	<1	23	93.1	
D71346 (626605)	35	<10	<5	232	<10	<10	<5	0.81	<5	<50	245	<1	22	82.5	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T532023

PROJECT: AGAT00825

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 17, 2019	DATE RECEIVED: Oct 17, 2019					DATE REPORTED: Nov 06, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D71347 (626606)	11	<10	<5	321	<10	<10	<5	0.28	<5	<50	78.4	<1	9	58.3	
D71348 (626607)	18	<10	<5	221	<10	<10	<5	0.36	<5	<50	114	<1	17	127	
D71349 (626608)	6	<10	<5	218	<10	<10	<5	0.21	<5	<50	42.5	<1	6	78.6	
D71350 (626609)	8	<10	<5	213	<10	<10	<5	0.26	<5	<50	61.5	<1	8	98.3	
D71351 (626610)	12	<10	<5	187	<10	<10	<5	0.31	<5	<50	92.4	<1	9	154	
D71352 (626611)	<1	<10	<5	71	<10	<10	<5	<0.01	<5	<50	1.3	<1	2	3.7	
D71353 (626612)	7	<10	<5	282	<10	<10	<5	0.20	<5	<50	51.2	<1	6	60.0	
D71354 (626613)	8	<10	<5	358	<10	<10	<5	0.23	<5	<50	57.7	<1	8	64.7	
D71355 (626614)	9	<10	<5	316	<10	<10	<5	0.27	<5	<50	76.1	<1	8	62.5	
D71356 (626615)	10	<10	<5	343	<10	<10	<5	0.26	<5	<50	70.2	<1	7	69.7	
D71357 (626616)	4	<10	<5	289	<10	<10	<5	0.14	<5	<50	27.6	<1	6	55.5	
D71358 (626617)	4	<10	<5	287	<10	<10	<5	0.14	<5	<50	28.3	<1	6	54.9	
D71359 (626618)	5	<10	<5	383	<10	<10	<5	0.18	<5	<50	36.1	<1	5	56.0	
D71360 (626619)	3	<10	<5	379	<10	<10	<5	0.14	<5	<50	20.6	<1	4	31.6	
D71361 (626620)	3	<10	<5	415	<10	<10	<5	0.16	<5	<50	25.4	<1	5	45.8	
D71362 (626621)	9	<10	<5	296	<10	<10	<5	0.24	<5	<50	71.6	<1	8	73.4	
D71363 (626622)	21	<10	<5	215	<10	<10	<5	0.45	<5	<50	153	<1	17	85.2	
D71364 (626623)	23	<10	<5	113	<10	<10	<5	0.43	<5	<50	171	<1	16	115	
D71365 (626624)	21	<10	<5	159	<10	<10	<5	0.47	<5	<50	175	<1	16	109	
D71366 (626625)	35	<10	<5	238	<10	<10	<5	0.82	<5	<50	241	<1	22	84.2	
D71367 (626626)	22	<10	<5	124	<10	<10	<5	0.49	<5	<50	185	<1	17	92.2	
D71368 (626627)	22	<10	<5	108	<10	<10	<5	0.48	<5	<50	183	<1	16	88.0	
D71369 (626628)	21	<10	<5	133	<10	<10	<5	0.47	<5	<50	173	<1	15	93.5	
D71370 (626629)	17	<10	<5	298	<10	<10	<5	0.38	<5	<50	128	<1	15	83.9	
D71371 (626630)	21	<10	<5	209	<10	<10	<5	0.39	<5	<50	159	<1	23	123	
D71372 (626631)	1	<10	<5	74	<10	<10	<5	<0.01	<5	<50	1.4	<1	2	2.1	
D71373 (626632)	20	<10	<5	197	<10	<10	<5	0.45	<5	<50	166	<1	16	97.5	
D71374 (626633)	21	<10	<5	199	<10	<10	<5	0.45	<5	<50	160	<1	18	87.5	
D71375 (626634)	24	<10	<5	205	<10	<10	<5	0.63	<5	<50	207	<1	18	78.2	
D71376 (626635)	24	<10	<5	161	<10	<10	<5	0.54	<5	<50	194	<1	16	84.7	
D71377 (626636)	25	<10	<5	214	<10	<10	<5	0.57	<5	<50	184	<1	17	74.6	
D71378 (626637)	24	<10	<5	214	<10	<10	<5	0.57	<5	<50	186	<1	16	77.2	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T532023

PROJECT: AGAT00825

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 17, 2019	DATE RECEIVED: Oct 17, 2019					DATE REPORTED: Nov 06, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D71379 (626638)	26	<10	<5	217	<10	<10	<5	0.62	<5	<50	223	<1	26	80.7	
D71380 (626639)	26	<10	<5	167	<10	<10	<5	0.57	<5	<50	231	<1	20	87.6	
D71381 (626640)	21	<10	<5	225	<10	<10	<5	0.50	<5	<50	172	<1	20	70.7	
D71382 (626641)	26	<10	<5	169	<10	<10	<5	0.60	<5	<50	238	<1	21	93.1	
D71383 (626642)	10	<10	<5	165	<10	<10	<5	0.26	<5	<50	69.2	<1	18	75.9	
D71384 (626643)	21	<10	<5	627	<10	<10	<5	1.53	<5	<50	258	<1	20	86.5	
D71385 (626644)	11	<10	<5	163	<10	<10	<5	0.32	<5	<50	48.6	<1	27	66.6	
D71386 (626645)	35	<10	<5	236	<10	<10	<5	0.81	<5	<50	241	<1	22	81.8	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T532023

PROJECT: AGAT00825

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 17, 2019

DATE RECEIVED: Oct 17, 2019

DATE REPORTED: Nov 06, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D71315 (626574)				23
D71316 (626575)				24
D71317 (626576)				23
D71318 (626577)				25
D71319 (626578)				29
D71320 (626579)				20
D71321 (626580)				29
D71322 (626581)				110
D71323 (626582)				31
D71324 (626583)				54
D71325 (626584)				49
D71326 (626585)				88
D71327 (626586)				66
D71328 (626587)				25
D71329 (626588)				41
D71330 (626589)				44
D71331 (626590)				93
D71332 (626591)				<5
D71333 (626592)				53
D71334 (626593)				22
D71335 (626594)				33
D71336 (626595)				91
D71337 (626596)				37
D71338 (626597)				42
D71339 (626598)				52
D71340 (626599)				42
D71341 (626600)				21
D71342 (626601)				45
D71343 (626602)				54
D71344 (626603)				47
D71345 (626604)				46
D71346 (626605)				88

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T532023

PROJECT: AGAT00825

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 17, 2019      DATE RECEIVED: Oct 17, 2019      DATE REPORTED: Nov 06, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D71347 (626606)				96
D71348 (626607)				83
D71349 (626608)				72
D71350 (626609)				74
D71351 (626610)				48
D71352 (626611)				<5
D71353 (626612)				102
D71354 (626613)				103
D71355 (626614)				86
D71356 (626615)				101
D71357 (626616)				74
D71358 (626617)				77
D71359 (626618)				123
D71360 (626619)				135
D71361 (626620)				123
D71362 (626621)				98
D71363 (626622)				78
D71364 (626623)				29
D71365 (626624)				24
D71366 (626625)				85
D71367 (626626)				26
D71368 (626627)				21
D71369 (626628)				20
D71370 (626629)				33
D71371 (626630)				37
D71372 (626631)				<5
D71373 (626632)				43
D71374 (626633)				59
D71375 (626634)				51
D71376 (626635)				31
D71377 (626636)				37
D71378 (626637)				34

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T532023

PROJECT: AGAT00825

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 17, 2019      DATE RECEIVED: Oct 17, 2019      DATE REPORTED: Nov 06, 2019      SAMPLE TYPE: Drill Core

Analyte:	Zr
Unit:	ppm
Sample ID (AGAT ID)	RDL:
	5
D71379 (626638)	79
D71380 (626639)	40
D71381 (626640)	57
D71382 (626641)	53
D71383 (626642)	118
D71384 (626643)	56
D71385 (626644)	131
D71386 (626645)	83

Comments: RDL - Reported Detection Limit  
 626574-626645 As, Sb values may be low due to digestion losses.  
 Analysis performed at AGAT Toronto (unless marked by \*)

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T532023

PROJECT: AGAT00825

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 17, 2019      DATE RECEIVED: Oct 17, 2019      DATE REPORTED: Nov 06, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D71315 (626574)			0.004
D71316 (626575)			0.006
D71317 (626576)			0.004
D71318 (626577)			0.005
D71319 (626578)			0.005
D71320 (626579)			0.003
D71321 (626580)			0.004
D71322 (626581)			0.002
D71323 (626582)			0.005
D71324 (626583)			0.006
D71325 (626584)			0.007
D71326 (626585)			0.33
D71327 (626586)			0.003
D71328 (626587)			0.003
D71329 (626588)			0.011
D71330 (626589)			0.002
D71331 (626590)			0.002
D71332 (626591)			0.002
D71333 (626592)			0.002
D71334 (626593)			0.002
D71335 (626594)			0.004
D71336 (626595)			0.002
D71337 (626596)			0.004
D71338 (626597)			0.003
D71339 (626598)			0.003
D71340 (626599)			0.002
D71341 (626600)			<0.001
D71342 (626601)			0.022
D71343 (626602)			0.005
D71344 (626603)			0.003
D71345 (626604)			0.002
D71346 (626605)			0.34

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## Certificate of Analysis

AGAT WORK ORDER: 19T532023

PROJECT: AGAT00825

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 17, 2019      DATE RECEIVED: Oct 17, 2019      DATE REPORTED: Nov 06, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.001
D71347 (626606)		0.002	
D71348 (626607)		<0.001	
D71349 (626608)		0.001	
D71350 (626609)		0.001	
D71351 (626610)		0.002	
D71352 (626611)		0.001	
D71353 (626612)		0.001	
D71354 (626613)		<0.001	
D71355 (626614)		0.002	
D71356 (626615)		0.002	
D71357 (626616)		0.002	
D71358 (626617)		0.002	
D71359 (626618)		0.001	
D71360 (626619)		0.001	
D71361 (626620)		0.001	
D71362 (626621)		0.002	
D71363 (626622)		0.002	
D71364 (626623)		0.001	
D71365 (626624)		0.002	
D71366 (626625)		0.33	
D71367 (626626)		0.001	
D71368 (626627)		0.001	
D71369 (626628)		0.001	
D71370 (626629)		<0.001	
D71371 (626630)		0.024	
D71372 (626631)		0.002	
D71373 (626632)		0.002	
D71374 (626633)		0.007	
D71375 (626634)		0.001	
D71376 (626635)		0.001	
D71377 (626636)		<0.001	
D71378 (626637)		0.001	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T532023

PROJECT: AGAT00825

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 17, 2019

DATE RECEIVED: Oct 17, 2019

DATE REPORTED: Nov 06, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D71379 (626638)			0.003
D71380 (626639)			0.002
D71381 (626640)			0.002
D71382 (626641)			0.001
D71383 (626642)			0.003
D71384 (626643)			0.001
D71385 (626644)			0.002
D71386 (626645)			0.34

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T532023

PROJECT: AGAT00825

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Crushing)

DATE SAMPLED: Oct 17, 2019      DATE RECEIVED: Oct 17, 2019      DATE REPORTED: Nov 06, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D71315 (626574)		77.96
D71334 (626593)		82.59
D71335 (626594)		84.89
D71354 (626613)		79.31
D71374 (626633)		86.02

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T532023

PROJECT: AGAT00825

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Pulverizing)

DATE SAMPLED: Oct 17, 2019

DATE RECEIVED: Oct 17, 2019

DATE REPORTED: Nov 06, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D71315 (626574)		95
D71342 (626601)		94.1
D71371 (626630)		95.7

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:





CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	626574	< 0.5	< 0.5	0.0%	626588	< 0.5	< 0.5	0.0%	626599	< 0.5	< 0.5	0.0%	626613	< 0.5	< 0.5	0.0%
Al	626574	6.75	6.97	3.2%	626588	7.69	7.92	2.9%	626599	5.01	4.89	2.4%	626613	8.25	8.21	0.5%
As	626574	< 1	< 1	0.0%	626588	1	< 1		626599	< 1	< 1	0.0%	626613	< 1	< 1	0.0%
Ba	626574	101	94	7.2%	626588	276	279	1.1%	626599	497	470	5.6%	626613	393	377	4.2%
Be	626574	0.64	0.67	4.6%	626588	0.92	0.96	4.3%	626599	0.7	0.7	0.0%	626613	1.1	1.1	0.0%
Bi	626574	< 1	< 1	0.0%	626588	< 1	< 1	0.0%	626599	< 1	< 1	0.0%	626613	< 1	< 1	0.0%
Ca	626574	5.09	5.25	3.1%	626588	3.53	3.41	3.5%	626599	1.20	1.24	3.3%	626613	2.92	2.90	0.7%
Cd	626574	< 0.5	< 0.5	0.0%	626588	< 0.5	< 0.5	0.0%	626599	< 0.5	< 0.5	0.0%	626613	< 0.5	< 0.5	0.0%
Ce	626574	23	24	4.3%	626588	19	19	0.0%	626599	60	72	18.2%	626613	39	39	0.0%
Co	626574	25.4	25.6	0.8%	626588	24.9	25.7	3.2%	626599	19.7	19.4	1.5%	626613	20.2	20.9	3.4%
Cr	626574	30.3	27.2	10.8%	626588	35.7	37.4	4.7%	626599	26.9	36.2	29.5%	626613	21.8	22.8	4.5%
Cu	626574	42.5	45.9	7.7%	626588	173	176	1.7%	626599	52.0	58.1	11.1%	626613	5.9	5.8	1.7%
Fe	626574	11.7	12.2	4.2%	626588	5.65	5.70	0.9%	626599	6.99	6.80	2.8%	626613	3.75	3.72	0.8%
Ga	626574	24	25	4.1%	626588	19	20	5.1%	626599	23	22	4.4%	626613	18	19	5.4%
In	626574	< 1	< 1	0.0%	626588	< 1	< 1	0.0%	626599	< 1	< 1	0.0%	626613	< 1	< 1	0.0%
K	626574	0.33	0.33	0.0%	626588	1.38	1.43	3.6%	626599	2.80	2.66	5.1%	626613	1.73	1.71	1.2%
La	626574	7	8	13.3%	626588	8	9	11.8%	626599	28	34	19.4%	626613	17	17	0.0%
Li	626574	16	17	6.1%	626588	23	24	4.3%	626599	88	84	4.7%	626613	31	30	3.3%
Mg	626574	2.13	2.19	2.8%	626588	0.972	0.989	1.7%	626599	2.14	2.06	3.8%	626613	2.06	2.04	1.0%
Mn	626574	1980	2040	3.0%	626588	1200	1210	0.8%	626599	1050	1040	1.0%	626613	548	544	0.7%
Mo	626574	7.59	6.84	10.4%	626588	5.5	6.6	18.2%	626599	6.4	8.0	22.2%	626613	4.4	4.3	2.3%
Na	626574	2.05	2.14	4.3%	626588	2.66	2.66	0.0%	626599	1.08	1.11	2.7%	626613	3.46	3.45	0.3%
Ni	626574	14.7	12.6	15.4%	626588	43.4	45.3	4.3%	626599	24.8	26.0	4.7%	626613	68.7	71.3	3.7%
P	626574	1140	1160	1.7%	626588	450	458	1.8%	626599	478	582	19.6%	626613	374	383	2.4%
Pb	626574	< 20	< 20	0.0%	626588	< 20	< 20	0.0%	626599	< 20	< 20	0.0%	626613	< 20	< 20	0.0%
Rb	626574	< 50	< 50	0.0%	626588	< 50	< 50	0.0%	626599	56	52	7.4%	626613	< 50	< 50	0.0%
S	626574	0.458	0.465	1.5%	626588	1.14	1.20	5.1%	626599	0.26	0.30	14.3%	626613	0.03	0.03	0.0%
Sb	626574	< 1	< 1	0.0%	626588	< 1	< 1	0.0%	626599	< 1	< 1	0.0%	626613	< 1	< 1	0.0%
Sc	626574	39	39	0.0%	626588	12	12	0.0%	626599	29	30	3.4%	626613	8	8	0.0%
Se	626574	< 10	< 10	0.0%	626588	< 10	< 10	0.0%	626599	< 10	< 10	0.0%	626613	< 10	< 10	0.0%
Sn	626574	< 5	< 5	0.0%	626588	< 5	< 5	0.0%	626599	< 5	< 5	0.0%	626613	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	626574	133	134	0.7%	626588	210	207	1.4%	626599	59	59	0.0%	626613	358	359	0.3%
Ta	626574	< 10	< 10	0.0%	626588	< 10	< 10	0.0%	626599	< 10	< 10	0.0%	626613	< 10	< 10	0.0%
Te	626574	< 10	< 10	0.0%	626588	< 10	< 10	0.0%	626599	< 10	< 10	0.0%	626613	< 10	< 10	0.0%
Th	626574	< 5	< 5	0.0%	626588	< 5	< 5	0.0%	626599	< 5	5		626613	< 5	< 5	0.0%
Ti	626574	1.01	1.06	4.8%	626588	0.323	0.331	2.4%	626599	0.68	0.65	4.5%	626613	0.23	0.23	0.0%
Tl	626574	< 5	< 5	0.0%	626588	< 5	< 5	0.0%	626599	< 5	< 5	0.0%	626613	< 5	< 5	0.0%
U	626574	< 50	< 50	0.0%	626588	< 50	< 50	0.0%	626599	< 50	< 50	0.0%	626613	< 50	< 50	0.0%
V	626574	114	113	0.9%	626588	95.6	98.7	3.2%	626599	172	167	2.9%	626613	57.7	59.5	3.1%
W	626574	< 1	< 1	0.0%	626588	< 1	< 1	0.0%	626599	< 1	< 1	0.0%	626613	< 1	< 1	0.0%
Y	626574	52	52	0.0%	626588	11	11	0.0%	626599	18	20	10.5%	626613	8	8	0.0%
Zn	626574	232	235	1.3%	626588	189	186	1.6%	626599	241	232	3.8%	626613	64.7	63.0	2.7%
Zr	626574	23	23	0.0%	626588	41	40	2.5%	626599	42	44	4.7%	626613	103	102	1.0%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	626624	< 0.5	< 0.5	0.0%	626638	< 0.5	< 0.5	0.0%								
Al	626624	7.82	7.81	0.1%	626638	8.18	8.03	1.9%								
As	626624	< 1	< 1	0.0%	626638	< 1	< 1	0.0%								
Ba	626624	110	110	0.0%	626638	138	134	2.9%								
Be	626624	0.56	0.54	3.6%	626638	0.7	0.7	0.0%								
Bi	626624	< 1	< 1	0.0%	626638	< 1	< 1	0.0%								
Ca	626624	4.77	4.68	1.9%	626638	4.44	4.30	3.2%								
Cd	626624	< 0.5	< 0.5	0.0%	626638	< 0.5	< 0.5	0.0%								
Ce	626624	11	11	0.0%	626638	32	31	3.2%								
Co	626624	69.0	66.0	4.4%	626638	28.2	27.5	2.5%								
Cr	626624	32.9	32.1	2.5%	626638	20.9	15.9	27.2%								
Cu	626624	32.7	30.8	6.0%	626638	81.7	80.1	2.0%								
Fe	626624	9.98	9.79	1.9%	626638	6.77	6.61	2.4%								
Ga	626624	17	17	0.0%	626638	19	19	0.0%								
In	626624	< 1	< 1	0.0%	626638	< 1	< 1	0.0%								
K	626624	0.51	0.52	1.9%	626638	0.287	0.278	3.2%								
La	626624	5	5	0.0%	626638	11	11	0.0%								
Li	626624	56	57	1.8%	626638	32	33	3.1%								
Mg	626624	6.54	6.49	0.8%	626638	2.47	2.40	2.9%								
Mn	626624	1430	1410	1.4%	626638	1060	1030	2.9%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	626624	3.28	3.36	2.4%	626638	3.5	3.1	12.1%								
Na	626624	2.16	2.14	0.9%	626638	2.62	2.57	1.9%								
Ni	626624	226	213	5.9%	626638	47.3	46.5	1.7%								
P	626624	279	261	6.7%	626638	699	689	1.4%								
Pb	626624	< 20	< 20	0.0%	626638	< 20	< 20	0.0%								
Rb	626624	< 50	< 50	0.0%	626638	< 50	< 50	0.0%								
S	626624	0.06	0.06	0.0%	626638	0.11	0.11	0.0%								
Sb	626624	1	< 1		626638	< 1	< 1	0.0%								
Sc	626624	21	21	0.0%	626638	26	26	0.0%								
Se	626624	< 10	< 10	0.0%	626638	< 10	< 10	0.0%								
Sn	626624	< 5	< 5	0.0%	626638	< 5	< 5	0.0%								
Sr	626624	159	158	0.6%	626638	217	213	1.9%								
Ta	626624	< 10	< 10	0.0%	626638	< 10	< 10	0.0%								
Te	626624	< 10	< 10	0.0%	626638	< 10	< 10	0.0%								
Th	626624	< 5	< 5	0.0%	626638	< 5	< 5	0.0%								
Ti	626624	0.469	0.460	1.9%	626638	0.62	0.61	1.6%								
Tl	626624	< 5	< 5	0.0%	626638	< 5	< 5	0.0%								
U	626624	< 50	< 50	0.0%	626638	< 50	< 50	0.0%								
V	626624	175	171	2.3%	626638	223	216	3.2%								
W	626624	< 1	< 1	0.0%	626638	< 1	< 1	0.0%								
Y	626624	16	16	0.0%	626638	26	25	3.9%								
Zn	626624	109	106	2.8%	626638	80.7	80.2	0.6%								
Zr	626624	24	27	11.8%	626638	79	75	5.2%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	626574	0.004	0.003	28.6%	626588	0.011	0.010	11.2%	626599	0.002	0.003	39.9%	626613	<0.001	<0.001	0.0%
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	626624	0.002	0.001	4%	626638	0.003	0.002	39.5%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	11.37	104%	90% - 110%	8.17	8.65	106%	90% - 110%	6.96	7.29	105%	90% - 110%	4.75	5.01	105%	90% - 110%
As					26	23	89%	90% - 110%	124	133	108%	90% - 110%				
Ba	340	345	101%	90% - 110%	540	521	96%	90% - 110%	186	180	97%	90% - 110%	216	205	95%	90% - 110%
Be	2.6	2.9	110%	90% - 110%	4.0	3.5	86%	90% - 110%								
Ca	5.72	5.71	100%	90% - 110%	0.907	0.853	94%	90% - 110%	4.01	3.7	92%	90% - 110%	10	9	87%	90% - 110%
Ce	122	127	104%	90% - 110%	98	107	109%	90% - 110%	24	24	102%	90% - 110%				
Co									22.1	20.4	92%	90% - 110%	191	167	87%	90% - 110%
Cr					60.3	61.9	103%	90% - 110%								
Cu					150	156	104%	90% - 110%	88.6	86.8	98%	90% - 110%	7120	7154	100%	90% - 110%
Fe	4.34	4.4	101%	90% - 110%	3.77	3.66	97%	90% - 110%	7.56	7.03	93%	90% - 110%	12.71	11.46	90%	90% - 110%
Ga	35	34	97%	90% - 110%												
K	1.37	1.47	107%	90% - 110%					2.021	2.15	106%	90% - 110%	0.1021	0.111	109%	90% - 110%
La	58	55	94%	90% - 110%	44	43	98%	90% - 110%					8.47	7.94	94%	90% - 110%
Li	37	38	103%	90% - 110%	47	50	106%	90% - 110%								
Mg	0.325	0.317	98%	90% - 110%	1.10	1.09	99%	90% - 110%	2.412	2.465	102%	90% - 110%	7.41	7.51	101%	90% - 110%
Mn					780	746	96%	90% - 110%	1510	1409	93%	90% - 110%				
Mo					14	14	101%	90% - 110%								
Na	5.267	5.298	101%	90% - 110%	1.624	1.784	110%	90% - 110%	0.617	0.677	110%	90% - 110%	0.112	0.122	109%	90% - 110%
Ni	9	7	76%	90% - 110%	32	35	110%	90% - 110%	77.1	78.3	102%	90% - 110%	2480	2252	91%	90% - 110%
P					750	719	96%	90% - 110%	892	882	99%	90% - 110%	731	663	91%	90% - 110%
Pb					31	28	91%	90% - 110%								
S									0.348	0.338	97%	90% - 110%				
Sc	1.1	1.1	104%	90% - 110%	12	13	109%	90% - 110%					21.33	22.1	104%	90% - 110%
Sr	1191	1127	95%	90% - 110%	144	150	104%	90% - 110%	92.8	87.8	95%	90% - 110%	39	36	93%	90% - 110%
Ti	0.172	0.169	99%	90% - 110%	0.53	0.48	91%	90% - 110%					0.419	0.389	93%	90% - 110%
V	8	8	106%	90% - 110%	77	82	107%	90% - 110%					158	167	105%	90% - 110%
Y	119	130	109%	90% - 110%									12.67	13.24	105%	90% - 110%
Zn	93	102	110%	90% - 110%	130	122	94%	90% - 110%	208	206	99%	90% - 110%	112	102	91%	90% - 110%
Zr													35.7	37.1	104%	90% - 110%
	CRM #5 (ref.SY-4)															
Parameter	Expect	Actual	Recovery	Limits												



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Al	10.95	10.41	95%	90% - 110%												
Ba	340	320	94%	90% - 110%												
Be	2.6	2.5	98%	90% - 110%												
Ca	5.72	5.36	94%	90% - 110%												
Ce	122	113	93%	90% - 110%												
Fe	4.34	3.99	92%	90% - 110%												
Ga	35	34	97%	90% - 110%												
K	1.37	1.41	103%	90% - 110%												
La	58	52	89%	90% - 110%												
Li	37	37	101%	90% - 110%												
Mg	0.325	0.291	89%	90% - 110%												
Na	5.267	5.521	105%	90% - 110%												
Pb	10	7	73%	90% - 110%												
Sc	1.1	1.1	99%	90% - 110%												
Sr	1191	1091	92%	90% - 110%												
Ti	0.172	0.16	93%	90% - 110%												
V	8	8	97%	90% - 110%												
Y	119	119	100%	90% - 110%												
Zn	93	91	98%	90% - 110%												

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (GS2T)				CRM #2 (GS7H)				CRM #3 (GS1W)				CRM #4 (WW03)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	1.75	1.81	104%	90% - 110%	6.56	6.81	104%	90% - 110%	1.063	1.13	106%	90% - 110%	2.01	2.07	103%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00825  
 SAMPLING SITE:

AGAT WORK ORDER: 19T532023  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MW-200-12006	BUGBEE, E;A Textbook of Fire Assay	ICP/OES
Pass %			BALANCE

CLIENT NAME: GOLDCORP BORDEN LIMITED  
217 MARTEL ROAD  
CHAPLEAU, ON P0M 1K0  
705-864-0377

ATTENTION TO: Craig Yuill

PROJECT: AGAT00827

AGAT WORK ORDER: 19T532763

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Nov 07, 2019

PAGES (INCLUDING COVER): 27

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

\*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



# Certificate of Analysis

AGAT WORK ORDER: 19T532763

PROJECT: AGAT00827

 5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (200-) Sample Login Weight

DATE SAMPLED: Oct 18, 2019

DATE RECEIVED: Oct 18, 2019

DATE REPORTED: Nov 07, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D71387 (631416)		1.99
D71388 (631417)		2.94
D71389 (631418)		2.16
D71390 (631419)		2.87
D71391 (631420)		2.04
D71392 (631421)		0.66
D71393 (631422)		2.48
D71394 (631423)		0.75
D71395 (631424)		2.01
D71396 (631425)		2.06
D71397 (631426)		3.34
D71398 (631427)		3.34
D71399 (631428)		3.17
D71400 (631429)		3.22
D71451 (631430)		3.29
D71452 (631431)		0.74
D71453 (631432)		3.55
D71454 (631433)		2.37
D71455 (631434)		1.57
D71456 (631435)		2.33
D71457 (631436)		3.09
D71458 (631437)		3.09
D71459 (631438)		3.13
D71460 (631439)		2.54
D71461 (631440)		2.30
D71462 (631441)		2.89
D71463 (631442)		1.13
D71464 (631443)		3.18
D71465 (631444)		2.88
D71466 (631445)		0.07
D71467 (631446)		2.98

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T532763

PROJECT: AGAT00827

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Oct 18, 2019      DATE RECEIVED: Oct 18, 2019      DATE REPORTED: Nov 07, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D71468 (631447)		2.99
D71469 (631448)		2.53
D71470 (631449)		3.10
D71471 (631450)		2.93
D71472 (631451)		0.64
D71473 (631452)		2.74
D71474 (631453)		2.00
D71475 (631454)		2.27
D71476 (631455)		3.03
D71477 (631456)		2.97
D71478 (631457)		2.97
D71479 (631458)		3.13
D71480 (631459)		3.47
D71481 (631460)		3.59
D71482 (631461)		3.70
D71483 (631462)		2.22
D71484 (631463)		3.20
D71485 (631464)		2.69
D71486 (631465)		0.07
D71487 (631466)		3.02
D71488 (631467)		3.17
D71489 (631468)		3.57
D71490 (631469)		0.88
D71491 (631470)		3.29
D71492 (631471)		0.61
D71493 (631472)		2.96
D71494 (631473)		3.38
D71495 (631474)		3.45
D71496 (631475)		3.22
D71497 (631476)		3.21
D71498 (631477)		3.21

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## Certificate of Analysis

AGAT WORK ORDER: 19T532763

PROJECT: AGAT00827

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (200-) Sample Login Weight

DATE SAMPLED: Oct 18, 2019

DATE RECEIVED: Oct 18, 2019

DATE REPORTED: Nov 07, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
D71499 (631478)		3.20
D71500 (631479)		2.28
D71401 (631480)		1.60
D71402 (631481)		3.30
D71403 (631482)		1.90
D71404 (631483)		2.12
D71405 (631484)		1.79
D71406 (631485)		0.07
D71407 (631486)		3.06
D71408 (631487)		3.59

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:

# Certificate of Analysis

AGAT WORK ORDER: 19T532763

PROJECT: AGAT00827

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 18, 2019	DATE RECEIVED: Oct 18, 2019						DATE REPORTED: Nov 07, 2019					SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D71387 (631416)	<0.5	7.56	<1	266	1.4	<1	2.04	<0.5	45	8.4	19.0	14.9	3.65	21	
D71388 (631417)	<0.5	7.29	<1	672	1.1	<1	1.28	<0.5	12	3.9	17.3	52.6	1.47	18	
D71389 (631418)	<0.5	7.41	<1	399	1.4	<1	1.60	<0.5	22	1.7	18.2	8.4	1.73	20	
D71390 (631419)	<0.5	7.37	2	328	1.7	<1	2.15	<0.5	53	5.8	26.6	17.3	2.79	20	
D71391 (631420)	<0.5	7.45	<1	343	3.2	<1	2.56	<0.5	56	7.3	28.0	29.5	3.14	21	
D71392 (631421)	<0.5	0.07	<1	30	<0.5	<1	33.4	<0.5	<1	0.5	4.5	<0.5	0.14	<5	
D71393 (631422)	<0.5	7.23	<1	311	1.6	<1	2.39	<0.5	59	6.9	22.1	85.8	3.49	21	
D71394 (631423)	0.6	8.30	<1	136	2.0	<1	2.82	<0.5	4	2.2	17.8	54.4	1.11	17	
D71395 (631424)	<0.5	8.20	<1	246	1.2	<1	3.46	<0.5	43	10.9	21.2	57.5	4.29	24	
D71396 (631425)	<0.5	7.60	<1	286	1.1	<1	2.95	<0.5	41	9.9	20.9	96.2	4.08	23	
D71397 (631426)	<0.5	8.85	<1	129	0.8	<1	5.63	<0.5	27	22.1	21.7	32.8	5.96	25	
D71398 (631427)	<0.5	9.00	<1	135	0.8	<1	5.67	<0.5	28	23.4	21.4	35.5	6.03	25	
D71399 (631428)	<0.5	9.20	<1	129	0.8	<1	6.16	<0.5	23	24.0	22.5	56.6	6.26	25	
D71400 (631429)	<0.5	9.44	<1	125	0.8	<1	6.22	<0.5	23	25.5	24.0	62.7	6.30	26	
D71451 (631430)	<0.5	9.48	<1	134	0.9	<1	6.27	<0.5	21	27.2	37.0	62.8	6.44	26	
D71452 (631431)	<0.5	0.09	<1	22	<0.5	<1	34.6	<0.5	<1	<0.5	4.7	<0.5	0.15	<5	
D71453 (631432)	<0.5	9.16	<1	108	1.4	<1	6.34	<0.5	21	27.3	23.3	65.1	6.67	27	
D71454 (631433)	<0.5	9.69	<1	120	2.0	<1	6.70	<0.5	22	27.1	21.6	64.6	7.03	27	
D71455 (631434)	<0.5	9.31	<1	113	1.1	<1	6.16	<0.5	21	26.6	24.5	58.7	6.46	26	
D71456 (631435)	<0.5	7.39	<1	271	1.5	<1	2.58	<0.5	11	3.8	17.3	5.8	1.56	20	
D71457 (631436)	<0.5	6.33	<1	308	1.9	<1	2.06	<0.5	72	6.7	20.5	95.1	3.08	19	
D71458 (631437)	<0.5	6.71	<1	330	2.1	<1	2.26	<0.5	76	7.1	20.3	102	3.33	21	
D71459 (631438)	<0.5	8.78	<1	145	1.0	<1	5.32	<0.5	22	22.3	22.2	29.1	5.71	26	
D71460 (631439)	<0.5	9.26	<1	204	1.3	<1	5.45	<0.5	27	21.8	24.3	27.2	5.72	25	
D71461 (631440)	<0.5	9.18	<1	209	1.4	<1	6.13	<0.5	23	25.5	22.6	7.5	6.46	26	
D71462 (631441)	<0.5	6.50	<1	1120	1.2	<1	3.68	<0.5	54	10.2	29.5	18.4	3.07	18	
D71463 (631442)	<0.5	7.02	<1	977	1.2	<1	2.40	<0.5	80	6.0	34.5	37.2	2.10	20	
D71464 (631443)	<0.5	8.27	<1	347	2.2	<1	5.51	<0.5	26	21.8	23.8	36.6	5.61	22	
D71465 (631444)	<0.5	8.20	<1	678	2.2	<1	5.25	<0.5	20	22.4	20.5	53.5	5.46	24	
D71466 (631445)	<0.5	7.53	<1	182	0.9	<1	6.39	<0.5	22	37.0	142	102	7.62	24	
D71467 (631446)	<0.5	8.72	<1	426	2.0	<1	5.96	<0.5	17	25.1	21.4	12.4	6.00	23	
D71468 (631447)	<0.5	9.00	<1	176	1.9	<1	6.28	<0.5	21	26.4	25.8	52.5	6.41	25	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T532763

PROJECT: AGAT00827

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 18, 2019	DATE RECEIVED: Oct 18, 2019							DATE REPORTED: Nov 07, 2019					SAMPLE TYPE: Drill Core		
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D71469 (631448)	<0.5	8.20	<1	302	2.4	<1	5.98	<0.5	22	30.9	222	71.8	6.56	23	
D71470 (631449)	<0.5	7.67	<1	346	4.4	<1	5.71	<0.5	19	27.1	133	32.9	5.86	21	
D71471 (631450)	<0.5	8.47	<1	742	1.5	<1	5.68	<0.5	22	24.5	26.6	50.1	5.98	23	
D71472 (631451)	<0.5	0.09	<1	24	<0.5	<1	31.8	<0.5	<1	<0.5	4.8	<0.5	0.18	<5	
D71473 (631452)	<0.5	8.71	<1	200	1.9	<1	6.05	<0.5	19	25.6	28.2	51.2	6.08	24	
D71474 (631453)	<0.5	8.79	<1	307	3.3	<1	6.08	<0.5	21	27.0	30.0	55.6	6.27	25	
D71475 (631454)	0.6	4.15	<1	957	4.2	<1	9.30	<0.5	152	46.0	263	120	9.71	31	
D71476 (631455)	<0.5	7.90	<1	408	3.2	<1	6.28	<0.5	42	28.1	39.2	48.1	6.29	24	
D71477 (631456)	<0.5	9.54	<1	171	1.7	<1	6.45	<0.5	23	27.2	28.1	61.2	6.74	26	
D71478 (631457)	<0.5	9.34	<1	161	1.6	<1	6.13	<0.5	22	26.1	30.9	62.2	6.48	26	
D71479 (631458)	<0.5	9.05	<1	111	1.9	<1	6.20	<0.5	20	25.1	29.0	41.9	6.39	25	
D71480 (631459)	<0.5	9.45	<1	103	1.5	<1	6.43	<0.5	21	27.1	27.4	64.0	6.72	27	
D71481 (631460)	<0.5	7.74	<1	84	1.5	<1	5.91	<0.5	19	29.8	23.2	59.9	8.49	28	
D71482 (631461)	<0.5	7.72	<1	104	2.8	<1	5.56	<0.5	22	29.1	19.4	82.6	7.88	30	
D71483 (631462)	<0.5	5.79	<1	509	2.5	<1	7.41	<0.5	112	37.8	216	90.1	8.01	31	
D71484 (631463)	<0.5	7.50	<1	368	4.3	<1	7.22	<0.5	81	27.8	87.8	66.8	7.10	30	
D71485 (631464)	<0.5	8.48	<1	163	1.7	<1	5.61	<0.5	25	24.3	51.5	71.4	6.62	25	
D71486 (631465)	<0.5	7.29	<1	176	0.8	<1	6.26	<0.5	21	36.5	146	100	7.37	24	
D71487 (631466)	<0.5	8.55	<1	283	1.6	<1	4.88	<0.5	33	19.7	62.2	58.3	5.49	25	
D71488 (631467)	<0.5	8.63	<1	253	1.3	<1	5.04	<0.5	31	24.2	35.9	45.9	4.92	24	
D71489 (631468)	<0.5	7.70	<1	465	2.2	<1	8.02	<0.5	98	28.0	62.8	55.9	6.56	25	
D71490 (631469)	<0.5	7.97	1	412	1.1	<1	2.93	<0.5	42	5.8	21.0	41.2	1.92	23	
D71491 (631470)	<0.5	7.51	<1	81	1.4	<1	6.30	<0.5	15	30.8	101	123	9.31	31	
D71492 (631471)	<0.5	0.07	<1	19	<0.5	<1	31.5	<0.5	<1	0.6	5.2	<0.5	0.12	<5	
D71493 (631472)	<0.5	9.23	<1	84	1.1	<1	6.74	<0.5	23	30.0	17.1	55.0	7.54	29	
D71494 (631473)	<0.5	7.32	<1	51	1.3	<1	6.79	<0.5	22	36.0	31.4	89.3	11.0	32	
D71495 (631474)	<0.5	9.38	<1	98	0.8	<1	6.85	<0.5	20	29.5	22.4	41.1	7.73	28	
D71496 (631475)	<0.5	9.14	<1	134	1.0	<1	6.45	<0.5	22	27.0	27.8	82.1	7.26	27	
D71497 (631476)	<0.5	8.84	<1	126	1.4	<1	5.93	<0.5	23	24.6	29.1	65.1	6.54	26	
D71498 (631477)	<0.5	9.13	<1	132	1.4	<1	6.08	<0.5	27	26.9	30.4	64.3	6.75	28	
D71499 (631478)	<0.5	9.32	<1	147	0.9	<1	6.04	<0.5	21	25.3	48.1	77.1	6.50	28	
D71500 (631479)	<0.5	9.38	<1	136	0.9	<1	6.28	<0.5	25	27.5	37.1	61.7	6.83	29	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T532763

PROJECT: AGAT00827

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 18, 2019	DATE RECEIVED: Oct 18, 2019							DATE REPORTED: Nov 07, 2019				SAMPLE TYPE: Drill Core			
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
D71401 (631480)	<0.5	8.28	<1	212	1.2	<1	4.83	<0.5	23	19.3	37.8	24.3	5.13	24	
D71402 (631481)	<0.5	9.25	<1	143	1.0	<1	6.35	<0.5	25	25.1	35.1	53.1	6.69	26	
D71403 (631482)	<0.5	9.20	<1	189	0.8	<1	5.18	<0.5	20	20.3	26.3	45.5	5.18	25	
D71404 (631483)	<0.5	9.15	<1	160	0.7	<1	6.46	<0.5	26	27.1	28.8	61.7	6.68	26	
D71405 (631484)	<0.5	3.26	<1	1030	2.8	<1	10.8	<0.5	158	55.0	349	89.1	8.65	23	
D71406 (631485)	<0.5	7.64	<1	187	0.9	<1	6.76	<0.5	22	38.7	155	103	8.00	25	
D71407 (631486)	<0.5	9.12	<1	274	1.3	<1	5.05	<0.5	34	22.2	26.2	49.3	5.62	27	
D71408 (631487)	<0.5	9.52	<1	225	1.0	<1	5.85	<0.5	25	27.4	26.2	46.4	6.55	31	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T532763

PROJECT: AGAT00827

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 18, 2019

DATE RECEIVED: Oct 18, 2019

DATE REPORTED: Nov 07, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	In ppm 1	K % 0.01	La ppm 2	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 20	Rb ppm 50	S % 0.01	Sb ppm 1
D71387 (631416)		<1	1.37	19	45	0.84	709	4.4	3.28	12.9	553	<20	190	0.05	<1
D71388 (631417)		<1	2.78	4	10	0.16	198	6.5	3.02	3.1	286	23	178	0.14	<1
D71389 (631418)		<1	1.60	9	11	0.16	261	6.8	3.50	2.7	265	<20	109	0.03	<1
D71390 (631419)		<1	1.06	22	30	0.49	487	7.2	3.29	9.3	435	<20	99	0.05	<1
D71391 (631420)		<1	1.15	24	28	0.70	599	7.1	3.12	13.1	722	<20	114	0.07	<1
D71392 (631421)		<1	0.01	<2	2	1.45	131	1.4	0.03	<0.5	75	<20	<50	<0.01	2
D71393 (631422)		<1	1.24	25	39	0.58	499	7.4	2.75	9.0	849	<20	182	0.11	<1
D71394 (631423)		<1	0.63	<2	11	0.16	141	8.4	3.55	3.6	194	57	59	0.07	<1
D71395 (631424)		<1	1.11	17	30	0.98	729	7.6	2.99	17.7	570	<20	144	0.08	<1
D71396 (631425)		<1	1.03	16	35	0.71	615	7.6	2.83	12.9	581	<20	134	0.10	<1
D71397 (631426)		<1	0.69	11	28	2.13	957	5.5	2.74	44.8	857	<20	56	0.03	<1
D71398 (631427)		<1	0.70	11	29	2.17	967	6.4	2.79	46.4	908	<20	57	0.03	<1
D71399 (631428)		<1	0.56	9	33	2.39	1060	6.3	2.56	51.8	746	<20	<50	0.02	<1
D71400 (631429)		<1	0.51	9	41	2.51	1040	5.5	2.45	55.4	678	<20	<50	0.03	1
D71451 (631430)		<1	0.53	9	44	2.67	1030	5.7	2.37	61.7	740	<20	57	0.01	<1
D71452 (631431)		<1	0.02	<2	1	1.69	120	1.4	0.04	0.7	89	<20	<50	<0.01	1
D71453 (631432)		<1	0.60	8	31	2.51	1030	5.8	2.37	56.5	626	<20	<50	0.01	<1
D71454 (631433)		<1	0.54	9	26	2.61	1110	5.2	2.86	54.8	738	<20	54	0.02	<1
D71455 (631434)		<1	0.62	8	23	2.43	1070	5.5	2.81	53.3	595	<20	<50	0.03	<1
D71456 (631435)		<1	1.26	4	15	0.43	209	6.3	2.99	7.5	43	<20	126	0.01	<1
D71457 (631436)		<1	1.48	31	22	0.50	363	6.4	2.28	8.2	450	<20	149	0.11	<1
D71458 (631437)		<1	1.59	33	23	0.52	398	7.3	2.44	8.7	470	<20	164	0.12	<1
D71459 (631438)		<1	0.75	9	24	2.08	885	5.8	2.73	43.6	707	<20	53	0.03	<1
D71460 (631439)		<1	1.05	11	34	2.07	888	6.6	2.92	43.3	682	<20	119	0.03	<1
D71461 (631440)		<1	1.10	9	30	2.40	1030	4.5	2.71	51.8	855	<20	86	<0.01	2
D71462 (631441)		<1	3.67	19	12	1.22	566	4.2	2.59	32.5	275	<20	201	0.02	<1
D71463 (631442)		<1	4.11	33	6	0.63	334	6.3	2.24	18.1	487	<20	233	0.04	<1
D71464 (631443)		<1	3.04	10	22	2.19	895	4.6	2.79	47.4	679	<20	158	0.02	<1
D71465 (631444)		<1	3.65	7	25	2.12	882	3.8	2.87	46.1	1170	<20	223	0.02	<1
D71466 (631445)		<1	0.44	8	11	4.32	1330	1.5	2.21	104	882	<20	<50	0.08	1
D71467 (631446)		<1	1.72	6	27	2.39	934	4.1	2.96	50.2	939	<20	82	0.02	<1
D71468 (631447)		<1	0.96	7	31	2.48	965	4.9	2.90	52.0	1150	<20	72	0.03	<1

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 19T532763

PROJECT: AGAT00827

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 18, 2019	DATE RECEIVED: Oct 18, 2019					DATE REPORTED: Nov 07, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1	
D71469 (631448)	<1	1.03	10	39	3.54	1020	5.3	2.42	98.5	1010	<20	189	0.04	<1	
D71470 (631449)	<1	2.44	7	54	2.78	945	4.2	2.62	77.0	1330	<20	169	0.02	<1	
D71471 (631450)	<1	1.63	8	35	2.43	914	4.0	2.88	49.1	932	<20	124	0.06	<1	
D71472 (631451)	<1	0.02	<2	1	1.50	108	1.9	0.03	0.9	84	<20	<50	<0.01	<1	
D71473 (631452)	<1	0.63	8	30	2.39	940	6.1	2.51	50.5	1020	<20	61	0.05	<1	
D71474 (631453)	<1	1.21	8	40	2.43	966	5.2	2.90	53.1	1050	<20	128	0.06	<1	
D71475 (631454)	<1	1.93	65	64	5.78	1550	3.5	1.66	189	3220	<20	179	0.17	<1	
D71476 (631455)	<1	2.70	17	29	2.59	1030	4.2	2.53	69.0	1430	<20	167	0.03	<1	
D71477 (631456)	<1	0.71	9	30	2.60	1020	4.5	2.51	52.7	830	<20	94	0.05	2	
D71478 (631457)	<1	0.68	9	30	2.51	982	5.4	2.48	50.5	794	<20	95	0.05	<1	
D71479 (631458)	<1	0.50	8	33	2.38	987	6.1	2.35	45.8	1110	<20	<50	0.04	<1	
D71480 (631459)	<1	0.46	8	36	2.58	1050	4.6	2.47	49.9	1080	<20	<50	0.07	<1	
D71481 (631460)	<1	0.66	6	33	2.46	1290	3.5	2.16	35.7	784	<20	<50	0.04	<1	
D71482 (631461)	<1	0.42	8	31	2.29	1180	3.6	2.16	35.5	789	<20	<50	0.08	<1	
D71483 (631462)	<1	1.37	46	29	4.93	1630	8.6	1.98	155	2410	<20	169	0.15	<1	
D71484 (631463)	<1	1.14	34	28	3.20	1230	4.0	2.69	74.8	2280	<20	170	0.12	1	
D71485 (631464)	<1	0.74	10	30	2.39	956	5.5	2.49	47.7	806	<20	92	0.07	<1	
D71486 (631465)	<1	0.43	8	11	4.20	1280	1.7	2.19	102	850	<20	<50	0.09	<1	
D71487 (631466)	<1	0.99	15	50	2.17	866	3.9	2.44	55.3	782	<20	183	0.06	<1	
D71488 (631467)	<1	0.78	13	37	2.16	788	4.4	2.78	55.0	558	<20	99	0.05	<1	
D71489 (631468)	<1	0.99	45	33	3.49	1210	4.6	2.88	77.4	2430	<20	74	0.13	<1	
D71490 (631469)	<1	0.81	21	29	0.52	183	5.8	2.98	8.9	312	<20	135	0.08	<1	
D71491 (631470)	<1	0.62	5	31	3.33	1510	3.8	2.13	47.8	624	<20	<50	0.22	1	
D71492 (631471)	<1	0.01	<2	1	2.14	99	1.3	0.03	<0.5	89	<20	<50	<0.01	<1	
D71493 (631472)	<1	0.34	9	30	2.63	1100	3.0	2.55	48.3	1470	<20	<50	0.05	<1	
D71494 (631473)	<1	0.59	7	33	3.01	1600	3.6	1.84	36.5	797	<20	<50	0.08	3	
D71495 (631474)	<1	0.39	7	29	2.69	1120	4.3	2.49	47.9	1390	<20	<50	0.04	2	
D71496 (631475)	<1	0.51	8	31	2.60	1070	5.7	2.47	45.7	1400	<20	<50	0.09	2	
D71497 (631476)	<1	0.46	9	29	2.28	970	5.0	2.51	43.9	1340	<20	<50	0.10	<1	
D71498 (631477)	<1	0.47	10	30	2.35	999	6.1	2.57	44.9	1440	<20	<50	0.10	<1	
D71499 (631478)	<1	0.57	9	34	2.44	906	4.6	2.60	54.5	1180	<20	<50	0.12	<1	
D71500 (631479)	<1	0.51	10	31	2.38	953	5.5	2.56	48.1	1420	<20	<50	0.07	<1	

Certified By:





## Certificate of Analysis

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PROJECT: AGAT00827

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 18, 2019	DATE RECEIVED: Oct 18, 2019					DATE REPORTED: Nov 07, 2019					SAMPLE TYPE: Drill Core				
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
Sample ID (AGAT ID)	RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	20	50	0.01	1
D71401 (631480)	<1	0.66	10	38	1.72	805	8.8	2.46	34.9	1020	<20	54	0.03	<1	
D71402 (631481)	<1	0.52	10	28	2.41	962	5.0	2.68	47.9	1290	<20	<50	0.07	<1	
D71403 (631482)	<1	0.64	8	27	1.90	718	4.2	2.72	36.2	1060	<20	57	0.07	<1	
D71404 (631483)	<1	0.61	10	28	2.61	972	3.5	2.81	48.6	1540	<20	<50	0.09	<1	
D71405 (631484)	<1	2.11	75	51	9.43	1520	3.2	0.90	345	2240	<20	192	0.21	<1	
D71406 (631485)	<1	0.45	9	11	4.47	1380	1.8	2.24	108	932	<20	<50	0.09	<1	
D71407 (631486)	<1	1.09	14	28	2.18	816	3.0	2.88	42.7	1300	<20	167	0.07	<1	
D71408 (631487)	<1	0.97	9	37	2.52	918	2.3	2.66	48.7	1610	<20	172	0.06	1	

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### (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 18, 2019	DATE RECEIVED: Oct 18, 2019					DATE REPORTED: Nov 07, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D71387 (631416)	11	<10	5	127	<10	<10	<5	0.32	<5	<50	58.2	<1	21	87.7	
D71388 (631417)	3	<10	<5	150	<10	<10	<5	0.09	<5	<50	9.9	<1	7	25.4	
D71389 (631418)	4	<10	<5	151	<10	<10	<5	0.11	<5	<50	10.9	<1	8	32.6	
D71390 (631419)	9	<10	<5	142	<10	<10	<5	0.24	<5	<50	37.6	<1	23	51.2	
D71391 (631420)	9	<10	<5	170	<10	<10	<5	0.28	<5	<50	43.5	<1	28	60.2	
D71392 (631421)	<1	<10	<5	76	<10	<10	<5	<0.01	<5	<50	1.2	<1	2	3.1	
D71393 (631422)	9	<10	<5	160	<10	<10	<5	0.30	<5	<50	38.9	<1	23	60.9	
D71394 (631423)	2	<10	<5	225	<10	<10	12	0.07	<5	116	11.1	<1	8	17.0	
D71395 (631424)	14	<10	<5	188	<10	<10	<5	0.36	<5	<50	89.8	<1	19	72.1	
D71396 (631425)	14	<10	<5	175	<10	<10	<5	0.39	<5	<50	61.8	<1	22	64.5	
D71397 (631426)	22	<10	<5	223	<10	<10	<5	0.54	<5	<50	202	<1	17	84.8	
D71398 (631427)	22	<10	<5	226	<10	<10	<5	0.54	<5	<50	206	<1	17	87.6	
D71399 (631428)	23	<10	<5	225	<10	<10	<5	0.53	<5	<50	221	<1	16	85.5	
D71400 (631429)	24	<10	<5	221	<10	<10	<5	0.51	<5	<50	229	<1	15	87.7	
D71451 (631430)	24	<10	<5	224	<10	<10	<5	0.51	<5	<50	244	<1	15	85.5	
D71452 (631431)	<1	<10	<5	75	<10	<10	<5	<0.01	<5	<50	1.7	<1	2	3.9	
D71453 (631432)	25	<10	<5	224	<10	<10	<5	0.56	<5	<50	275	<1	15	83.9	
D71454 (631433)	25	<10	<5	238	<10	<10	<5	0.62	<5	<50	285	<1	15	89.2	
D71455 (631434)	23	<10	<5	225	<10	<10	<5	0.56	<5	<50	269	<1	14	87.0	
D71456 (631435)	4	<10	<5	222	<10	<10	<5	0.13	<5	<50	33.1	<1	3	29.0	
D71457 (631436)	7	<10	<5	158	<10	<10	12	0.26	<5	<50	36.6	<1	11	48.7	
D71458 (631437)	8	<10	<5	171	<10	<10	12	0.29	<5	<50	38.8	<1	12	53.3	
D71459 (631438)	20	<10	<5	194	<10	<10	<5	0.48	<5	<50	208	<1	15	76.1	
D71460 (631439)	20	<10	<5	217	<10	<10	<5	0.54	<5	<50	206	<1	14	85.7	
D71461 (631440)	24	<10	<5	210	<10	<10	<5	0.60	<5	<50	246	<1	16	90.1	
D71462 (631441)	19	<10	<5	220	<10	<10	32	0.16	<5	<50	83.1	<1	9	45.5	
D71463 (631442)	13	<10	<5	178	<10	<10	53	0.18	<5	<50	58.1	<1	7	55.7	
D71464 (631443)	27	<10	<5	224	<10	<10	<5	0.42	<5	<50	207	<1	16	81.1	
D71465 (631444)	30	<10	<5	258	<10	<10	<5	0.39	<5	<50	182	<1	20	66.6	
D71466 (631445)	33	<10	<5	237	<10	<10	<5	0.81	<5	<50	238	<1	21	86.4	
D71467 (631446)	26	<10	<5	246	<10	<10	<5	0.47	<5	<50	228	<1	20	74.5	
D71468 (631447)	24	<10	<5	240	<10	<10	<5	0.59	<5	<50	249	<1	18	78.6	

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 18, 2019	DATE RECEIVED: Oct 18, 2019					DATE REPORTED: Nov 07, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D71469 (631448)	23	<10	<5	214	<10	<10	<5	0.55	<5	<50	205	<1	16	80.4	
D71470 (631449)	26	<10	<5	257	<10	<10	<5	0.41	<5	<50	188	<1	15	78.1	
D71471 (631450)	26	<10	<5	280	<10	<10	<5	0.45	<5	<50	212	<1	20	74.3	
D71472 (631451)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.8	<1	2	3.0	
D71473 (631452)	22	<10	<5	195	<10	<10	<5	0.52	<5	<50	226	<1	14	69.2	
D71474 (631453)	23	<10	<5	205	<10	<10	<5	0.55	<5	<50	232	<1	16	91.6	
D71475 (631454)	37	<10	<5	762	<10	<10	<5	1.80	<5	<50	351	<1	27	128	
D71476 (631455)	27	<10	<5	309	<10	<10	<5	0.46	<5	<50	222	<1	17	73.9	
D71477 (631456)	24	<10	<5	222	<10	<10	<5	0.60	<5	<50	260	<1	15	79.7	
D71478 (631457)	23	<10	<5	214	<10	<10	<5	0.58	<5	<50	251	<1	15	76.9	
D71479 (631458)	23	<10	<5	217	<10	<10	<5	0.61	<5	<50	249	<1	14	73.6	
D71480 (631459)	23	<10	<5	229	<10	<10	<5	0.63	<5	<50	255	<1	15	79.4	
D71481 (631460)	32	<10	<5	166	<10	<10	<5	0.79	<5	<50	298	<1	25	95.5	
D71482 (631461)	28	<10	<5	165	<10	<10	<5	0.78	<5	<50	288	<1	25	93.8	
D71483 (631462)	21	<10	<5	595	<10	<10	<5	1.43	<5	<50	267	<1	26	99.5	
D71484 (631463)	21	<10	<5	469	<10	<10	<5	1.19	<5	<50	261	<1	21	95.4	
D71485 (631464)	24	<10	<5	229	<10	<10	<5	0.62	<5	<50	224	<1	18	70.6	
D71486 (631465)	32	<10	<5	233	<10	<10	<5	0.79	<5	<50	231	<1	21	83.9	
D71487 (631466)	19	<10	<5	235	<10	<10	<5	0.44	<5	<50	167	<1	17	73.7	
D71488 (631467)	17	<10	<5	296	<10	<10	<5	0.39	<5	<50	195	<1	12	69.9	
D71489 (631468)	18	<10	<5	688	<10	<10	<5	0.66	<5	<50	222	<1	21	84.4	
D71490 (631469)	3	<10	<5	422	<10	<10	<5	0.18	<5	<50	42.6	<1	3	38.6	
D71491 (631470)	36	<10	<5	145	<10	<10	<5	0.88	<5	<50	282	<1	25	112	
D71492 (631471)	<1	<10	<5	70	<10	<10	<5	<0.01	<5	<50	1.5	<1	2	4.3	
D71493 (631472)	27	<10	<5	243	<10	<10	<5	0.85	<5	<50	324	<1	16	87.0	
D71494 (631473)	40	<10	<5	142	<10	<10	<5	1.09	<5	<50	365	<1	28	100	
D71495 (631474)	27	<10	<5	240	<10	<10	<5	0.85	<5	<50	314	<1	16	90.5	
D71496 (631475)	25	<10	<5	256	<10	<10	<5	0.81	<5	<50	283	<1	17	87.3	
D71497 (631476)	22	<10	<5	261	<10	<10	<5	0.70	<5	<50	250	<1	15	80.8	
D71498 (631477)	23	<10	<5	267	<10	<10	<5	0.72	<5	<50	259	<1	15	84.3	
D71499 (631478)	21	<10	<5	304	<10	<10	<5	0.58	<5	<50	207	<1	14	78.6	
D71500 (631479)	22	<10	<5	290	<10	<10	<5	0.60	<5	<50	220	<1	15	85.4	

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## Certificate of Analysis

AGAT WORK ORDER: 19T532763

PROJECT: AGAT00827

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 18, 2019	DATE RECEIVED: Oct 18, 2019					DATE REPORTED: Nov 07, 2019					SAMPLE TYPE: Drill Core				
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	50	0.5	1	1	0.5	
D71401 (631480)	17	<10	<5	286	<10	<10	<5	0.44	<5	<50	160	<1	14	71.2	
D71402 (631481)	21	<10	<5	308	<10	<10	<5	0.65	<5	<50	214	<1	16	79.6	
D71403 (631482)	16	<10	<5	373	<10	<10	<5	0.51	<5	<50	176	<1	11	68.5	
D71404 (631483)	22	<10	<5	318	<10	<10	<5	0.70	<5	<50	244	<1	14	78.7	
D71405 (631484)	20	<10	<5	959	<10	<10	<5	1.57	<5	<50	259	<1	20	91.7	
D71406 (631485)	33	<10	<5	243	<10	<10	<5	0.83	<5	<50	240	<1	21	92.0	
D71407 (631486)	18	<10	<5	285	<10	<10	<5	0.57	<5	<50	193	<1	14	79.0	
D71408 (631487)	23	<10	<5	300	<10	<10	<5	0.68	<5	<50	245	<1	16	87.4	

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## Certificate of Analysis

AGAT WORK ORDER: 19T532763

PROJECT: AGAT00827

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 18, 2019      DATE RECEIVED: Oct 18, 2019      DATE REPORTED: Nov 07, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D71387 (631416)				113
D71388 (631417)				67
D71389 (631418)				81
D71390 (631419)				111
D71391 (631420)				95
D71392 (631421)				<5
D71393 (631422)				121
D71394 (631423)				97
D71395 (631424)				66
D71396 (631425)				77
D71397 (631426)				30
D71398 (631427)				29
D71399 (631428)				28
D71400 (631429)				27
D71451 (631430)				26
D71452 (631431)				<5
D71453 (631432)				29
D71454 (631433)				31
D71455 (631434)				27
D71456 (631435)				104
D71457 (631436)				109
D71458 (631437)				112
D71459 (631438)				24
D71460 (631439)				39
D71461 (631440)				35
D71462 (631441)				19
D71463 (631442)				27
D71464 (631443)				30
D71465 (631444)				29
D71466 (631445)				90
D71467 (631446)				27
D71468 (631447)				27

Certified By:





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AGAT WORK ORDER: 19T532763

PROJECT: AGAT00827

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 18, 2019      DATE RECEIVED: Oct 18, 2019      DATE REPORTED: Nov 07, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Zr	ppm	5	
D71469 (631448)				39
D71470 (631449)				31
D71471 (631450)				27
D71472 (631451)				<5
D71473 (631452)				26
D71474 (631453)				37
D71475 (631454)				229
D71476 (631455)				24
D71477 (631456)				20
D71478 (631457)				21
D71479 (631458)				21
D71480 (631459)				22
D71481 (631460)				21
D71482 (631461)				28
D71483 (631462)				180
D71484 (631463)				133
D71485 (631464)				39
D71486 (631465)				87
D71487 (631466)				75
D71488 (631467)				49
D71489 (631468)				127
D71490 (631469)				47
D71491 (631470)				27
D71492 (631471)				<5
D71493 (631472)				17
D71494 (631473)				17
D71495 (631474)				21
D71496 (631475)				23
D71497 (631476)				30
D71498 (631477)				32
D71499 (631478)				31
D71500 (631479)				27

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# Certificate of Analysis

AGAT WORK ORDER: 19T532763

PROJECT: AGAT00827

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Oct 18, 2019

DATE RECEIVED: Oct 18, 2019

DATE REPORTED: Nov 07, 2019

SAMPLE TYPE: Drill Core


Analyte:	Zr
Unit:	ppm
RDL:	5
Sample ID (AGAT ID)	
D71401 (631480)	43
D71402 (631481)	23
D71403 (631482)	26
D71404 (631483)	20
D71405 (631484)	88
D71406 (631485)	91
D71407 (631486)	42
D71408 (631487)	19

Comments: RDL - Reported Detection Limit

631416-631487 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT Toronto (unless marked by \*)

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## Certificate of Analysis

AGAT WORK ORDER: 19T532763

PROJECT: AGAT00827

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 18, 2019      DATE RECEIVED: Oct 18, 2019      DATE REPORTED: Nov 07, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D71387 (631416)			0.001
D71388 (631417)			0.003
D71389 (631418)			<0.001
D71390 (631419)			0.002
D71391 (631420)			0.002
D71392 (631421)			<0.001
D71393 (631422)			0.002
D71394 (631423)			0.002
D71395 (631424)			0.008
D71396 (631425)			0.004
D71397 (631426)			0.007
D71398 (631427)			0.009
D71399 (631428)			0.009
D71400 (631429)			0.005
D71451 (631430)			0.004
D71452 (631431)			0.001
D71453 (631432)			0.003
D71454 (631433)			0.004
D71455 (631434)			0.004
D71456 (631435)			<0.001
D71457 (631436)			0.006
D71458 (631437)			0.007
D71459 (631438)			0.010
D71460 (631439)			0.008
D71461 (631440)			0.010
D71462 (631441)			0.006
D71463 (631442)			0.002
D71464 (631443)			0.008
D71465 (631444)			0.011
D71466 (631445)			0.34
D71467 (631446)			0.007
D71468 (631447)			0.005

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T532763

PROJECT: AGAT00827

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 18, 2019      DATE RECEIVED: Oct 18, 2019      DATE REPORTED: Nov 07, 2019      SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D71469 (631448)			0.003
D71470 (631449)			0.003
D71471 (631450)			0.009
D71472 (631451)			0.001
D71473 (631452)			0.003
D71474 (631453)			0.008
D71475 (631454)			0.001
D71476 (631455)			0.004
D71477 (631456)			0.003
D71478 (631457)			0.003
D71479 (631458)			0.003
D71480 (631459)			0.004
D71481 (631460)			0.009
D71482 (631461)			0.005
D71483 (631462)			0.002
D71484 (631463)			0.002
D71485 (631464)			0.005
D71486 (631465)			0.34
D71487 (631466)			0.004
D71488 (631467)			0.002
D71489 (631468)			0.002
D71490 (631469)			0.003
D71491 (631470)			0.005
D71492 (631471)			0.002
D71493 (631472)			0.004
D71494 (631473)			0.004
D71495 (631474)			0.003
D71496 (631475)			0.004
D71497 (631476)			0.003
D71498 (631477)			0.003
D71499 (631478)			0.011
D71500 (631479)			0.003

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AGAT WORK ORDER: 19T532763

PROJECT: AGAT00827

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## (202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 18, 2019

DATE RECEIVED: Oct 18, 2019

DATE REPORTED: Nov 07, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
D71401 (631480)			0.002
D71402 (631481)			0.003
D71403 (631482)			0.002
D71404 (631483)			0.002
D71405 (631484)			0.002
D71406 (631485)			0.335
D71407 (631486)			0.003
D71408 (631487)			0.003

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 19T532763

PROJECT: AGAT00827

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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

## Sieving - % Passing (Crushing)

DATE SAMPLED: Oct 18, 2019	DATE RECEIVED: Oct 18, 2019	DATE REPORTED: Nov 07, 2019	SAMPLE TYPE: Drill Core
----------------------------	-----------------------------	-----------------------------	-------------------------

	Analyte:	Pass %
	Unit:	%
Sample ID (AGAT ID)	RDL:	0.01
D71387 (631416)		87.59
D71456 (631435)		84.41
D71476 (631455)		87.87
D71497 (631476)		86.81

Comments: RDL - Reported Detection Limit  
 Analysis performed at AGAT TIMMINS (unless marked by \*)

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 19T532763

PROJECT: AGAT00827

5623 McADAM ROAD  
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CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

### Sieving - % Passing (Pulverizing)

DATE SAMPLED: Oct 18, 2019

DATE RECEIVED: Oct 18, 2019

DATE REPORTED: Nov 07, 2019

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Pass %
	Unit:	%
	RDL:	0.01
D71387 (631416)		93.6
D71490 (631469)		97

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Thunder Bay (unless marked by \*)

Certified By:



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	631416	< 0.5	< 0.5	0.0%	631430	< 0.5	< 0.5	0.0%	631441	< 0.5	< 0.5	0.0%	631455	< 0.5	< 0.5	0.0%
Al	631416	7.56	7.38	2.4%	631430	9.48	9.28	2.1%	631441	6.50	6.45	0.8%	631455	7.90	8.04	1.8%
As	631416	< 1	< 1	0.0%	631430	< 1	< 1	0.0%	631441	< 1	1		631455	< 1	< 1	0.0%
Ba	631416	266	259	2.7%	631430	134	132	1.5%	631441	1120	1130	0.9%	631455	408	419	2.7%
Be	631416	1.4	1.4	0.0%	631430	0.9	0.9	0.0%	631441	1.2	1.2	0.0%	631455	3.20	3.29	2.8%
Bi	631416	< 1	< 1	0.0%	631430	< 1	< 1	0.0%	631441	< 1	< 1	0.0%	631455	< 1	< 1	0.0%
Ca	631416	2.04	1.98	3.0%	631430	6.27	6.32	0.8%	631441	3.68	3.68	0.0%	631455	6.28	6.11	2.7%
Cd	631416	< 0.5	< 0.5	0.0%	631430	< 0.5	< 0.5	0.0%	631441	< 0.5	< 0.5	0.0%	631455	< 0.5	< 0.5	0.0%
Ce	631416	45	44	2.2%	631430	21	22	4.7%	631441	54	54	0.0%	631455	42	42	0.0%
Co	631416	8.41	8.47	0.7%	631430	27.2	28.4	4.3%	631441	10.2	10.3	1.0%	631455	28.1	28.3	0.7%
Cr	631416	19.0	24.0	23.3%	631430	37.0	38.9	5.0%	631441	29.5	32.4	9.4%	631455	39.2	38.4	2.1%
Cu	631416	14.9	13.8	7.7%	631430	62.8	61.9	1.4%	631441	18.4	18.0	2.2%	631455	48.1	47.5	1.3%
Fe	631416	3.65	3.65	0.0%	631430	6.44	6.40	0.6%	631441	3.07	3.10	1.0%	631455	6.29	6.45	2.5%
Ga	631416	21	21	0.0%	631430	26	26	0.0%	631441	18	18	0.0%	631455	24	23	4.3%
In	631416	< 1	< 1	0.0%	631430	< 1	< 1	0.0%	631441	< 1	< 1	0.0%	631455	< 1	< 1	0.0%
K	631416	1.37	1.36	0.7%	631430	0.526	0.512	2.7%	631441	3.67	3.66	0.3%	631455	2.70	2.72	0.7%
La	631416	19	18	5.4%	631430	9	9	0.0%	631441	19	20	5.1%	631455	17	17	0.0%
Li	631416	45	44	2.2%	631430	44	43	2.3%	631441	12	12	0.0%	631455	29	31	6.7%
Mg	631416	0.842	0.813	3.5%	631430	2.67	2.63	1.5%	631441	1.22	1.21	0.8%	631455	2.59	2.64	1.9%
Mn	631416	709	709	0.0%	631430	1030	1010	2.0%	631441	566	563	0.5%	631455	1030	1050	1.9%
Mo	631416	4.4	4.5	2.2%	631430	5.74	6.06	5.4%	631441	4.22	5.51	26.5%	631455	4.2	3.7	12.7%
Na	631416	3.28	3.17	3.4%	631430	2.37	2.34	1.3%	631441	2.59	2.57	0.8%	631455	2.53	2.44	3.6%
Ni	631416	12.9	12.5	3.1%	631430	61.7	63.5	2.9%	631441	32.5	32.9	1.2%	631455	69.0	70.3	1.9%
P	631416	553	587	6.0%	631430	740	742	0.3%	631441	275	275	0.0%	631455	1430	1410	1.4%
Pb	631416	< 20	< 20	0.0%	631430	< 20	< 20	0.0%	631441	< 20	< 20	0.0%	631455	< 20	< 20	0.0%
Rb	631416	190	193	1.6%	631430	57	55	3.6%	631441	201	195	3.0%	631455	167	162	3.0%
S	631416	0.05	0.05	0.0%	631430	0.01	0.01	0.0%	631441	0.02	0.02	0.0%	631455	0.03	0.03	0.0%
Sb	631416	< 1	< 1	0.0%	631430	< 1	< 1	0.0%	631441	< 1	< 1	0.0%	631455	< 1	< 1	0.0%
Sc	631416	11	11	0.0%	631430	24	24	0.0%	631441	19	20	5.1%	631455	27	27	0.0%
Se	631416	< 10	< 10	0.0%	631430	< 10	< 10	0.0%	631441	< 10	< 10	0.0%	631455	< 10	< 10	0.0%
Sn	631416	5	6	18.2%	631430	< 5	< 5	0.0%	631441	< 5	< 5	0.0%	631455	< 5	< 5	0.0%



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Sr	631416	127	122	4.0%	631430	224	223	0.4%	631441	220	217	1.4%	631455	309	298	3.6%
Ta	631416	< 10	< 10	0.0%	631430	< 10	< 10	0.0%	631441	< 10	< 10	0.0%	631455	< 10	< 10	0.0%
Te	631416	< 10	< 10	0.0%	631430	< 10	< 10	0.0%	631441	< 10	< 10	0.0%	631455	< 10	< 10	0.0%
Th	631416	< 5	< 5	0.0%	631430	< 5	< 5	0.0%	631441	32	35	9.0%	631455	< 5	< 5	0.0%
Ti	631416	0.32	0.32	0.0%	631430	0.51	0.51	0.0%	631441	0.16	0.16	0.0%	631455	0.462	0.465	0.6%
Tl	631416	< 5	< 5	0.0%	631430	< 5	< 5	0.0%	631441	< 5	< 5	0.0%	631455	< 5	< 5	0.0%
U	631416	< 50	< 50	0.0%	631430	< 50	< 50	0.0%	631441	< 50	< 50	0.0%	631455	< 50	< 50	0.0%
V	631416	58.2	58.4	0.3%	631430	244	246	0.8%	631441	83.1	84.9	2.1%	631455	222	223	0.4%
W	631416	< 1	< 1	0.0%	631430	< 1	< 1	0.0%	631441	< 1	< 1	0.0%	631455	< 1	< 1	0.0%
Y	631416	21	22	4.7%	631430	15	15	0.0%	631441	9	9	0.0%	631455	17	17	0.0%
Zn	631416	87.7	86.6	1.3%	631430	85.5	85.0	0.6%	631441	45.5	47.0	3.2%	631455	73.9	77.2	4.4%
Zr	631416	113	100	12.2%	631430	26	27	3.8%	631441	19	20	5.1%	631455	24	24	0.0%
		REPLICATE #5				REPLICATE #6										
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	631466	< 0.5	< 0.5	0.0%	631480	< 0.5	< 0.5	0.0%								
Al	631466	8.55	8.63	0.9%	631480	8.28	8.25	0.4%								
As	631466	< 1	< 1	0.0%	631480	< 1	< 1	0.0%								
Ba	631466	283	281	0.7%	631480	212	213	0.5%								
Be	631466	1.6	1.6	0.0%	631480	1.2	1.2	0.0%								
Bi	631466	< 1	< 1	0.0%	631480	< 1	< 1	0.0%								
Ca	631466	4.88	4.99	2.2%	631480	4.83	4.77	1.3%								
Cd	631466	< 0.5	< 0.5	0.0%	631480	< 0.5	< 0.5	0.0%								
Ce	631466	33	38	14.1%	631480	23	24	4.3%								
Co	631466	19.7	21.6	9.2%	631480	19.3	19.8	2.6%								
Cr	631466	62.2	64.7	3.9%	631480	37.8	39.0	3.1%								
Cu	631466	58.3	61.2	4.9%	631480	24.3	24.2	0.4%								
Fe	631466	5.49	5.49	0.0%	631480	5.13	5.22	1.7%								
Ga	631466	25	27	7.7%	631480	24	23	4.3%								
In	631466	< 1	< 1	0.0%	631480	< 1	< 1	0.0%								
K	631466	0.99	0.99	0.0%	631480	0.658	0.654	0.6%								
La	631466	15	16	6.5%	631480	10	10	0.0%								
Li	631466	50	50	0.0%	631480	38	38	0.0%								
Mg	631466	2.17	2.18	0.5%	631480	1.72	1.73	0.6%								
Mn	631466	866	870	0.5%	631480	805	814	1.1%								



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Mo	631466	3.94	4.37	10.3%	631480	8.8	8.9	1.1%								
Na	631466	2.44	2.52	3.2%	631480	2.46	2.35	4.6%								
Ni	631466	55.3	57.7	4.2%	631480	34.9	34.5	1.2%								
P	631466	782	820	4.7%	631480	1020	988	3.2%								
Pb	631466	< 20	< 20	0.0%	631480	< 20	< 20	0.0%								
Rb	631466	183	184	0.5%	631480	54	52	3.8%								
S	631466	0.06	0.06	0.0%	631480	0.034	0.035	2.9%								
Sb	631466	< 1	< 1	0.0%	631480	< 1	< 1	0.0%								
Sc	631466	19	20	5.1%	631480	17	17	0.0%								
Se	631466	< 10	< 10	0.0%	631480	< 10	< 10	0.0%								
Sn	631466	< 5	< 5	0.0%	631480	< 5	< 5	0.0%								
Sr	631466	235	241	2.5%	631480	286	275	3.9%								
Ta	631466	< 10	< 10	0.0%	631480	< 10	< 10	0.0%								
Te	631466	< 10	< 10	0.0%	631480	< 10	< 10	0.0%								
Th	631466	< 5	< 5	0.0%	631480	< 5	< 5	0.0%								
Ti	631466	0.44	0.44	0.0%	631480	0.435	0.425	2.3%								
Tl	631466	< 5	< 5	0.0%	631480	< 5	< 5	0.0%								
U	631466	< 50	< 50	0.0%	631480	< 50	< 50	0.0%								
V	631466	167	177	5.8%	631480	160	159	0.6%								
W	631466	< 1	< 1	0.0%	631480	< 1	< 1	0.0%								
Y	631466	17	18	5.7%	631480	14	13	7.4%								
Zn	631466	73.7	74.0	0.4%	631480	71.2	73.1	2.6%								
Zr	631466	75	70	6.9%	631480	43	38	12.3%								

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	631416	0.001	<0.001	30.8%	631430	0.004	0.004	2.1%	631455	0.004	0.003	28.6%	631466	0.004	0.003	32.5%
Parameter	REPLICATE #5															
	Sample ID	Original	Replicate	RPD												
Au	631480	0.002	0.002	14.7%												



CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

(201-070) Goldcorp Borden - 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.SY-4)				CRM #2 (ref.Till-2)				CRM #3 (ref.GTS-2a)				CRM #4 (ref.WMG-1a)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al	10.95	11.19	102%	90% - 110%	8.17	8.46	104%	90% - 110%	6.96	7.03	101%	90% - 110%	4.75	4.91	103%	90% - 110%
As					26	22	86%	90% - 110%	124	115	93%	90% - 110%				
Ba	340	323	95%	90% - 110%	540	495	92%	90% - 110%	186	186	100%	90% - 110%	216	215	99%	90% - 110%
Be	2.6	2.7	104%	90% - 110%	4.0	3.4	84%	90% - 110%								
Ca	5.72	5.63	98%	90% - 110%	0.907	0.91	100%	90% - 110%	4.01	3.88	97%	90% - 110%	10	10	100%	90% - 110%
Ce	122	119	98%	90% - 110%	98	102	104%	90% - 110%	24	23	97%	90% - 110%				
Co									22.1	20.2	91%	90% - 110%	191	173	91%	90% - 110%
Cr					60.3	62.6	104%	90% - 110%								
Cu					150	148	99%	90% - 110%	88.6	86.7	98%	90% - 110%	7120	7146	100%	90% - 110%
Fe	4.34	4.15	96%	90% - 110%	3.77	3.77	100%	90% - 110%	7.56	7.31	97%	90% - 110%	12.71	12.54	99%	90% - 110%
Ga	35	44	124%	90% - 110%												
K	1.37	1.48	108%	90% - 110%					2.021	2.092	104%	90% - 110%	0.1021	0.1099	108%	90% - 110%
La	58	54	93%	90% - 110%	44	42	95%	90% - 110%					8.47	7.35	87%	90% - 110%
Li	37	41	112%	90% - 110%	47	50	106%	90% - 110%								
Mg	0.325	0.304	94%	90% - 110%	1.10	1.08	98%	90% - 110%	2.412	2.415	100%	90% - 110%	7.41	7.6	103%	90% - 110%
Mn					780	765	98%	90% - 110%	1510	1461	97%	90% - 110%				
Mo					14	14	98%	90% - 110%								
Na	5.267	5.335	101%	90% - 110%	1.624	1.608	99%	90% - 110%	0.617	0.613	99%	90% - 110%	0.112	0.113	101%	90% - 110%
Ni					32	31	97%	90% - 110%	77.1	71.3	93%	90% - 110%	2480	2152	87%	90% - 110%
P					750	734	98%	90% - 110%	892	905	101%	90% - 110%	731	726	99%	90% - 110%
Pb					31	25	82%	90% - 110%								
S									0.348	0.345	99%	90% - 110%				
Sb													1.8	1.8	101%	90% - 110%
Sc	1.1	1.1	96%	90% - 110%	12	12	103%	90% - 110%					21.33	20.31	95%	90% - 110%
Sr	1191	1155	97%	90% - 110%	144	145	100%	90% - 110%	92.8	83.8	90%	90% - 110%	39	37	95%	90% - 110%
Ti	0.172	0.163	95%	90% - 110%	0.53	0.45	84%	90% - 110%					0.419	0.383	91%	90% - 110%
V	8	9	113%	90% - 110%	77	81	105%	90% - 110%					158	164	103%	90% - 110%
Y	119	121	102%	90% - 110%									12.67	12.26	97%	90% - 110%
Zn	93	89	95%	90% - 110%	130	115	89%	90% - 110%	208	210	101%	90% - 110%	112	115	103%	90% - 110%
Zr													35.7	34.8	97%	90% - 110%

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)





**AGAT** Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 19T532763

PROJECT: AGAT00827

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
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<http://www.agatlabs.com>

CLIENT NAME: GOLDCORP BORDEN LIMITED

ATTENTION TO: Craig Yuill

Parameter	CRM #1 (GS2T)				CRM #2 (GS7H)				CRM #3 (GS1W)				CRM #4 (WW03)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	1.75	1.81	103%	90% - 110%	6.56	6.21	95%	90% - 110%	1.063	1.06	99%	90% - 110%	2.01	1.99	99%	90% - 110%

## Method Summary

CLIENT NAME: GOLDCORP BORDEN LIMITED  
 PROJECT: AGAT00827  
 SAMPLING SITE:

AGAT WORK ORDER: 19T532763  
 ATTENTION TO: Craig Yuill  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12034		ICP/OES
Al	MIN-200-12034		ICP/OES
As	MIN-200-12034		ICP/OES
Ba	MIN-200-12034		ICP/OES
Be	MIN-200-12034		ICP/OES
Bi	MIN-200-12034		ICP/OES
Ca	MIN-200-12034		ICP/OES
Cd	MIN-200-12034		ICP/OES
Ce	MIN-200-12034		ICP/OES
Co	MIN-200-12034		ICP/OES
Cr	MIN-200-12034		ICP/OES
Cu	MIN-200-12034		ICP/OES
Fe	MIN-200-12034		ICP/OES
Ga	MIN-200-12034		ICP/OES
In	MIN-200-12034		ICP/OES
K	MIN-200-12034		ICP/OES
La	MIN-200-12034		ICP/OES
Li	MIN-200-12034		ICP/OES
Mg	MIN-200-12034		ICP/OES
Mn	MIN-200-12034		ICP/OES
Mo	MIN-200-12034		ICP/OES
Na	MIN-200-12034		ICP/OES
Ni	MIN-200-12034		ICP/OES
P	MIN-200-12034		ICP/OES
Pb	MIN-200-12034		ICP/OES
Rb	MIN-200-12034		ICP/OES
S	MIN-200-12034		ICP/OES
Sb	MIN-200-12034		ICP/OES
Sc	MIN-200-12034		ICP/OES
Se	MIN-200-12034		ICP/OES
Sn	MIN-200-12034		ICP/OES
Sr	MIN-200-12034		ICP/OES
Ta	MIN-200-12034		ICP/OES
Te	MIN-200-12034		ICP/OES
Th	MIN-200-12034		ICP/OES
Ti	MIN-200-12034		ICP/OES
Tl	MIN-200-12034		ICP/OES
U	MIN-200-12034		ICP/OES
V	MIN-200-12034		ICP/OES
W	MIN-200-12034		ICP/OES
Y	MIN-200-12034		ICP/OES
Zn	MIN-200-12034		ICP/OES
Zr	MIN-200-12034		ICP/OES
Au	MW-200-12006	BUGBEE, E;A Textbook of Fire Assay	ICP/OES
Pass %			BALANCE